



MOTOR VEHICLE CENSUS

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 29 NOV 2006

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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 2006 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 registered as using; 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.

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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
NMVS	new motor vehicle sales
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 14.4 million motor vehicles, including motorcycles, registered in Australia at 31 March 2006. This represents an increase of 12.0% since the 2002 Motor Vehicle Census (MVC), when there were 12.8 million vehicles registered in Australia. The average annual growth over this time was 2.9%.

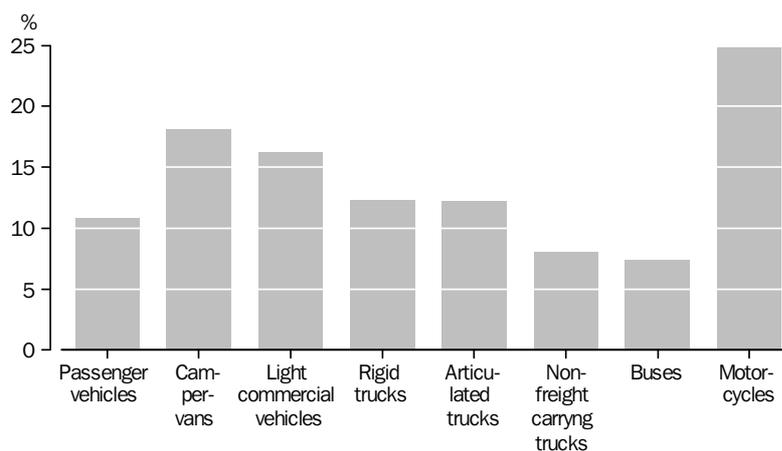
TYPE OF VEHICLE, Census years 2002 and 2006

	2002	2006	Change	Average annual growth
	no.	no.	%	%
Passenger vehicles	10 101 441	11 188 880	10.8	2.6
Campervans	35 164	41 520	18.1	4.2
Light commercial vehicles	1 819 993	2 114 333	16.2	3.8
Rigid trucks	341 483	383 546	12.3	2.9
Articulated trucks	63 905	71 680	12.2	2.9
Non-freight carrying trucks	18 797	20 293	8.0	1.9
Buses	70 196	75 375	7.4	1.8
Motor cycles	370 982	463 057	24.8	5.7
Total motor vehicles	12 821 961	14 358 684	12.0	2.9

The passenger vehicle fleet has grown from 10.1 million in 2002 to 11.2 million in 2006, an increase of 10.8%. Motorcycles (24.8%) and campervans (18.1%) were the vehicle types showing the largest growth over this time.

Light commercial vehicles rose by 16.2%, while rigid trucks rose by 12.3% and articulated trucks rose by 12.2%. Buses had the smallest growth over the same period increasing by 7.4%.

PERCENTAGE CHANGE IN TYPE OF VEHICLE—Census years 2002 and 2006



STATES AND TERRITORIES

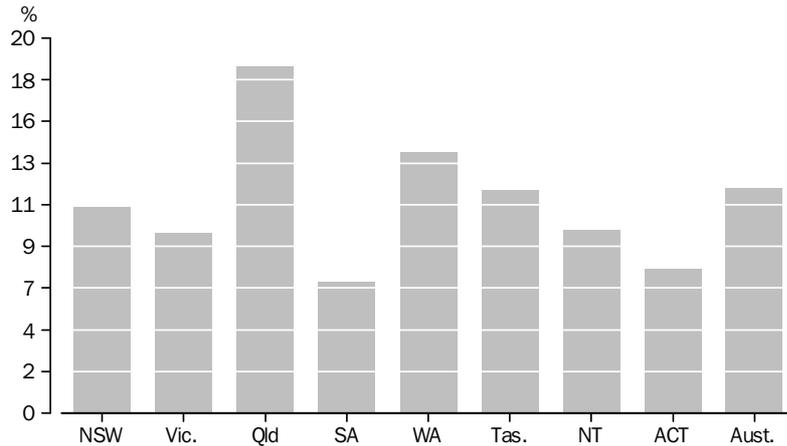
New South Wales had the largest share of the Australian fleet with 4.3 million (29.7% of the total) registered vehicles, followed by Victoria with 3.7 million (26.1%) and Queensland with 2.9 million (20.2%). The Northern Territory had the smallest share with 0.1 million (0.8%) registered vehicles. These shares are comparable with the distribution of the population across states and territories.

SUMMARY OF FINDINGS *continued*

STATES AND TERRITORIES *continued*

From 2002 to 2006, two states experienced growth above the national average of 12.0%. The motor vehicle fleet in Queensland showed the largest growth with a 18.5% increase since 2002, an average annual growth of 4.3%. Western Australia was the other state experiencing growth above the national average, increasing 13.9% since 2002. South Australia showed the smallest growth in fleet size since 2002 (7.0%), an average annual growth of 1.7%.

PERCENTAGE CHANGE IN MOTOR VEHICLE REGISTRATIONS—Census years 2002 and 2006

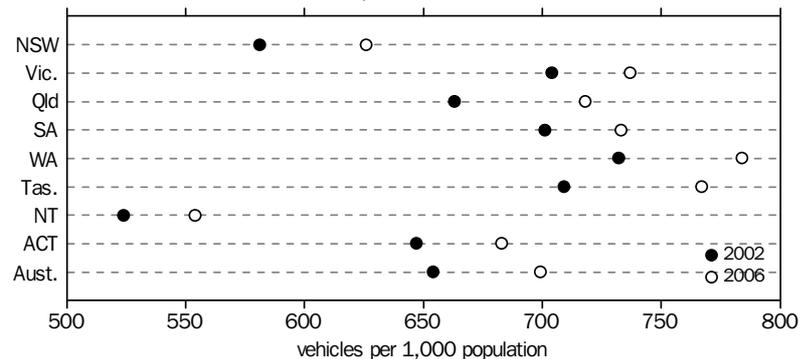


VEHICLES AND RESIDENT POPULATION

There were 699 motor vehicles per 1,000 resident population in Australia in 2006. This compares to 654 vehicles per 1,000 residents in 2002, representing an increase of 45 vehicles per 1,000 residents over this time.

Western Australia had the highest rate of all states and territories with 784 vehicles per 1,000 residents in 2006, while the Northern Territory had the lowest rate with 554 vehicles per 1,000 residents.

MOTOR VEHICLES BY STATE/TERRITORY OF REGISTRATION



(a) Both Estimated Resident Population data and Motor Vehicle Census data are at 31 March.
Source: 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 2006 was 10.1 years. This is slightly younger than the 10.5 years recorded in the 2002 MVC. Vehicles manufactured before 1991 (more than 16 years old) comprised 22.9% of the total Australian fleet.

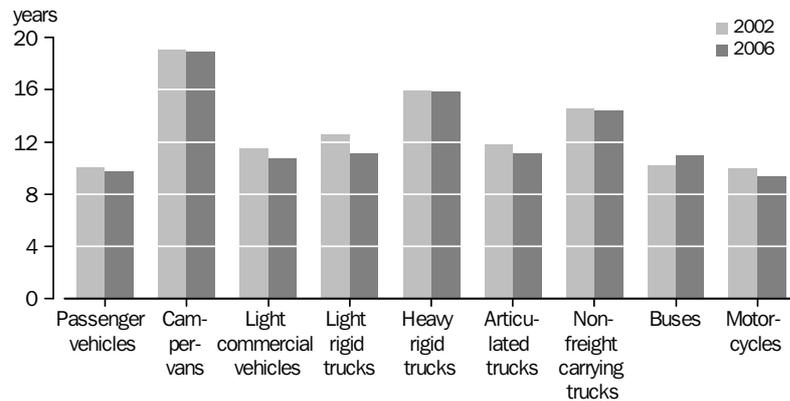
SUMMARY OF FINDINGS *continued*

AVERAGE AGE OF THE FLEET *continued*

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 9.4 years.

The average age of passenger vehicles dropped slightly from 10.1 years in 2002 to 9.8 years in 2006, with 21.0% of passenger vehicles manufactured before 1991.

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 12.0 years and 32.6% of vehicles manufactured before 1991. This was followed by South Australia with an average age of 11.2 years and 28.2% manufactured before 1991. Northern Territory had the youngest fleet in Australia with an average age of 9.1 years and 18.9% for vehicles manufactured before 1991.

TYPE OF FUEL

In 2006, there were 11.2 million vehicles in Australia (78.1% of the total vehicle fleet) that had been registered as using unleaded petrol, while 1.3 million vehicles (9.0%) have registered as using leaded petrol. In contrast, in 2002, there were 8.8 million vehicles (68.6%) registered as using unleaded petrol and 2.5 million vehicles (19.8%) registered as using leaded petrol. This represents an increase of 27.4% in unleaded petrol vehicles and a decrease of 49.1% in leaded petrol vehicles since 2002.

In 2006, the Australian Capital Territory had the highest proportion of vehicles (85.7%) registered as using unleaded petrol. Consistent with their older fleet, Tasmania had the highest proportion of vehicles (15.2%) registered as using leaded petrol.

Passenger vehicles comprised 86.1% of motor vehicles that were registered as using unleaded petrol and 71.4% of vehicles registered as using leaded petrol.

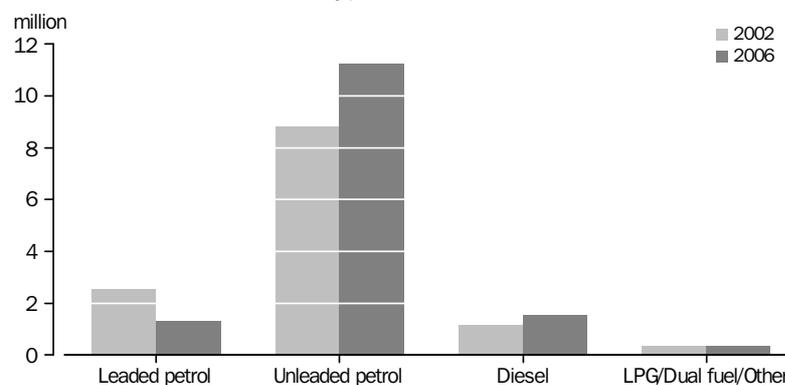
The number of vehicles registered as using diesel fuel made up 10.6% (or 1.5 million vehicles) of the total fleet, representing an increase of 31.8% since the 2002 MVC. Diesel vehicles were most prominent in the Northern Territory with 24.9% of the fleet registered as using this fuel type. The Australian Capital Territory had the smallest proportion of diesel vehicles with 4.4%.

SUMMARY OF FINDINGS *continued*

TYPE OF FUEL *continued*

Light commercial vehicles made up 41.6% of vehicles registered as using diesel fuel, while rigid and articulated trucks accounted for 22.2% and 4.6% respectively. Passenger vehicles registered as using diesel fuel increased by 42.2% since the 2002 MVC, and represented 25.4% of all diesel vehicles in 2006.

MOTOR VEHICLE FLEET, Type of fuel(a)



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

CHARACTERISTICS OF THE FLEET

Passenger vehicles

Passenger vehicles accounted for 77.9% of all vehicles registered in Australia in 2006. The state/territory with the largest proportion of passenger vehicles was the Australian Capital Territory with 85.6%, while the Northern Territory had the smallest share with 64.3%.

All states and territories showed increases since 2002, with passenger vehicles registered in Queensland showing the largest increase (16.4%) and those registered in South Australia showing the smallest (6.1%).

A total of 6.0 million passenger vehicles were either Toyota, Holden or Ford. Respectively, these three makes accounted for 18.8%, 18.5% and 16.8% of the total passenger vehicle fleet registered at 31 March 2006.

Trucks

Rigid trucks accounted for 2.7% of all vehicles registered in Australia in 2006. The number of registrations for the heaviest rigid trucks (those with a gross vehicle mass (GVM) greater than 20 tonnes) has increased by 27.8% since 2002, while registrations for rigid trucks with a GVM of less than 20 tonnes increased only 9.4% over the same period.

Articulated trucks accounted for 0.5% of all vehicles on register in 2006. Articulated trucks with a gross combination mass (GCM) greater than 60 tonnes increased by 60.1% since 2002, while those with a GCM of up to 60 tonnes decreased in number (8.1%).

Victoria had the largest share (9,257) of articulated trucks with a GCM greater than 60 tonnes followed by Queensland with 8,775. Northern Territory had the highest percentage (78.1%) of articulated trucks with a GCM greater than 60 tonnes, compared to all articulated trucks for that state, followed by Queensland (55.5%). Queensland accounted for 59.6% of Australia's articulated truck fleet with a GCM of greater than 100 tonnes, with New South Wales the second highest at 15.1%.

Motorcycles

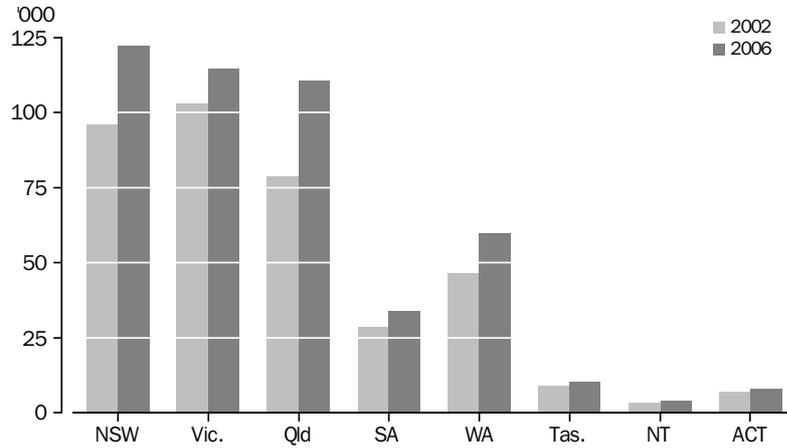
Motorcycles accounted for 3.2% of all vehicles registered in Australia in 2006, up slightly from 2.9% in 2002.

SUMMARY OF FINDINGS *continued*

Motorcycles continued

Australian motorcycle registrations increased 24.8% in 2006 compared with 2002. All states and territories recorded increases in registrations. Queensland recorded the largest increase of 40.5% followed by Western Australia with 28.2%. The smallest increase was recorded in Victoria (11.4%) over this time.

MOTORCYCLE FLEET, State/territory of registration



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MOTOR VEHICLES ON REGISTER, Type of vehicle - Census years

	<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>Total</i>
	no.	no.	no.	no.	no.	no.	no.	no.	no.
PASSENGER VEHICLES									
2002	3 088 332	2 754 258	1 836 529	862 432	1 065 632	246 422	68 524	179 312	10 101 441
2005	3 326 926	2 933 746	2 058 092	897 332	1 156 923	263 365	71 385	188 641	10 896 410
2006	3 395 905	2 997 856	2 138 364	915 059	1 205 266	271 365	73 302	191 763	11 188 880
CAMPERVANS									
2002	7 069	7 938	5 703	4 231	6 648	2 921	143	511	35 164
2005	8 322	9 055	7 970	4 176	7 093	3 414	158	505	40 693
2006	8 407	9 294	8 449	4 076	7 094	3 549	177	474	41 520
LIGHT COMMERCIAL VEHICLES									
2002	515 493	423 998	423 512	130 052	221 242	62 990	24 950	17 756	1 819 993
2005	571 410	467 557	490 016	141 041	241 876	71 516	27 366	19 472	2 030 254
2006	587 713	483 097	520 070	145 643	254 164	74 586	28 872	20 188	2 114 333
LIGHT RIGID TRUCKS									
2002	28 054	15 657	16 546	3 923	7 032	2 048	424	577	74 261
2005	32 123	18 618	21 380	4 605	8 562	2 301	570	609	88 768
2006	33 697	20 279	23 490	4 971	9 378	2 416	594	627	95 452
HEAVY RIGID TRUCKS									
2002	75 082	69 123	52 612	21 443	37 213	7 153	2 836	1 760	267 222
2005	78 981	70 079	57 724	21 559	39 312	7 436	2 974	1 687	279 752
2006	80 413	71 879	60 410	21 916	40 870	7 774	3 108	1 724	288 094
ARTICULATED TRUCKS									
2002	15 294	18 553	13 285	6 394	7 981	1 483	653	262	63 905
2005	15 951	21 183	15 093	6 344	8 602	1 571	741	238	69 723
2006	16 234	21 508	15 802	6 389	9 260	1 498	754	235	71 680
NON-FREIGHT CARRYING TRUCKS									
2002	3 457	5 467	3 579	1 904	3 071	971	261	87	18 797
2005	3 391	5 926	3 977	1 746	3 624	933	273	92	19 962
2006	3 318	5 867	4 265	1 718	3 808	951	269	97	20 293
BUSES									
2002	18 702	15 950	15 114	4 284	10 326	2 259	2 590	971	70 196
2005	20 279	15 837	15 682	4 233	10 572	2 138	2 956	923	72 620
2006	20 733	16 508	16 516	4 413	11 051	2 219	2 989	946	75 375
MOTOR CYCLES									
2002	95 649	102 764	78 644	28 395	46 531	8 810	3 414	6 775	370 982
2005	113 004	107 581	97 370	30 676	53 051	9 460	3 396	7 385	421 923
2006	122 211	114 438	110 501	33 772	59 675	10 488	3 950	8 022	463 057
TOTAL MOTOR VEHICLES									
2002	3 847 132	3 413 708	2 445 524	1 063 058	1 405 676	335 057	103 795	208 011	12 821 961
2005	4 170 387	3 649 582	2 767 304	1 111 712	1 529 615	362 134	109 819	219 552	13 920 105
2006	4 268 631	3 740 726	2 897 867	1 137 957	1 600 566	374 846	114 015	224 076	14 358 684

MOTOR VEHICLES ON REGISTER PER 1000 POPULATION(a)—Census years

	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									
2002	466	568	498	568	555	521	346	558	515
2006	498	590	530	589	590	555	356	584	544
CAMPERVANS									
2002	1	2	2	3	3	6	1	2	2
2006	1	2	2	3	3	7	1	1	2
LIGHT COMMERCIAL VEHICLES									
2002	78	87	115	86	115	133	126	55	93
2006	86	95	129	94	124	153	140	62	103
LIGHT RIGID TRUCKS									
2002	4	3	4	3	4	4	2	2	4
2006	5	4	6	3	5	5	3	2	5
HEAVY RIGID TRUCKS									
2002	11	14	14	14	19	15	14	5	14
2006	12	14	15	14	20	16	15	5	14
ARTICULATED TRUCKS									
2002	2	4	4	4	4	3	3	1	3
2006	2	4	4	4	5	3	4	1	3
NON-FREIGHT CARRYING TRUCKS									
2002	1	1	1	1	2	2	1	—	1
2006	—	1	1	1	2	2	1	—	1
BUSES									
2002	3	3	4	3	5	5	13	3	4
2006	3	3	4	3	5	5	15	3	4
MOTORCYCLES									
2002	14	21	21	19	24	19	17	21	19
2006	18	23	27	22	29	21	19	24	23
TOTAL MOTOR VEHICLES									
2002	581	704	663	701	732	709	524	647	654
2006	626	737	718	733	784	767	554	683	699

— nil or rounded to zero (including null cells)

Source: ABS Australian Demographic Statistics (cat.no.3101.0)

(a) Both Motor Vehicle Census and Estimated Resident Population data are as at 31 March.

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

	<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									
2002	9.0	10.5	10.2	11.7	10.5	12.1	8.9	9.9	10.1
2006	9.0	10.1	9.6	11.0	10.2	11.5	8.8	9.5	9.8
CAMPERVANS									
2002	17.3	19.3	17.2	20.1	21.4	19.8	20.1	19.6	19.1
2006	17.1	19.4	16.1	21.1	21.6	20.4	19.1	19.7	18.9
LIGHT COMMERCIAL VEHICLES									
2002	10.4	12.3	11.2	12.5	12.0	13.4	9.9	10.9	11.5
2006	10.0	11.5	10.4	11.6	11.4	12.8	9.5	9.8	10.8
LIGHT RIGID TRUCKS									
2002	11.2	14.1	12.4	14.1	14.1	17.0	7.9	11.8	12.6
2006	10.7	11.7	10.6	11.8	12.3	15.2	9.4	11.0	11.2
HEAVY RIGID TRUCKS									
2002	14.0	17.3	14.9	17.9	17.8	17.5	13.0	11.5	16.0
2006	14.0	17.4	14.6	17.5	18.1	17.1	13.4	11.3	15.9
ARTICULATED TRUCKS									
2002	10.8	12.1	11.6	11.1	13.8	11.4	11.7	8.5	11.8
2006	10.3	11.5	10.8	11.2	12.7	10.1	13.3	7.9	11.2
NON-FREIGHT CARRYING TRUCKS									
2002	13.4	15.7	11.5	14.6	16.9	17.1	12.4	14.9	14.6
2006	13.4	15.4	11.2	14.8	16.6	16.2	13.9	13.3	14.4
BUSES									
2002	9.7	10.7	10.4	11.8	9.1	14.3	8.1	10.3	10.2
2006	11.1	11.0	10.6	12.0	10.8	15.1	8.8	10.7	11.0
MOTORCYCLES (b)									
2002	9.0	9.6	10.6	9.5	11.9	10.6	8.1	9.4	10.0
2006	8.8	9.5	9.1	8.8	11.1	10.7	8.0	9.0	9.4
TOTAL MOTOR VEHICLES									
2002	9.4	10.9	10.5	11.9	11.1	12.5	9.2	10.0	10.5
2006	9.3	10.5	9.8	11.2	10.7	12.0	9.1	9.5	10.1

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

(b) The year of manufacture for motorcycles in South Australia is not well reported. In 2006 it was not reported for 13.8% of motorcycles in South Australia.

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

PETROL						
	Leaded	Unleaded	Total	Diesel	LPG/Dual fuel/Other(b)	Total
	no.	no.	no.	no.	no.	no.
PASSENGER VEHICLES						
2002	1 960 660	7 642 109	9 602 769	272 072	226 600	10 101 441
2006	923 924	9 650 729	10 574 653	386 807	227 420	11 188 880
CAMPERVANS						
2002	15 550	4 620	20 170	12 966	2 028	35 164
2006	12 149	6 679	18 828	20 515	2 177	41 520
LIGHT COMMERCIAL VEHICLES						
2002	416 226	849 518	1 265 744	461 581	92 668	1 819 993
2006	251 567	1 128 474	1 380 041	633 371	100 921	2 114 333
LIGHT RIGID TRUCKS						
2002	13 214	3 950	17 164	55 232	1 865	74 261
2006	8 400	4 824	13 224	80 458	1 770	95 452
HEAVY RIGID TRUCKS						
2002	35 498	3 735	39 233	225 739	2 250	267 222
2006	25 047	4 062	29 109	257 157	1 828	288 094
ARTICULATED TRUCKS						
2002	1 004	882	1 886	61 984	35	63 905
2006	646	934	1 580	70 043	57	71 680
NON-FREIGHT CARRYING TRUCKS						
2002	4 126	2 413	6 539	11 536	722	18 797
2006	2 722	1 966	4 688	14 989	616	20 293
BUSES						
2002	3 273	12 399	15 672	52 815	1 709	70 196
2006	1 835	13 675	15 510	57 800	2 065	75 375
MOTOR CYCLES						
2002	93 478	277 492	370 970	8	4	370 982
2006	67 163	395 890	463 053	2	2	463 057
TOTAL MOTOR VEHICLES						
2002	2 543 029	8 797 118	11 340 147	1 153 933	327 881	12 821 961
2006	1 293 453	11 207 233	12 500 686	1 521 142	336 856	14 358 684

(a) Relates to the type of fuel the vehicle was registered as using.

(b) The Other component of LPG/Dual fuel/Other is 0.04% for total motor vehicles in 2002 and 0.53% for total motor vehicles in 2006.

PASSENGER VEHICLES ON REGISTER, Top 30 makes—Census years

	2002	2006	Change
	no.	no.	%
Toyota	1 772 482	2 103 752	18.7
Holden	1 957 570	2 067 824	5.6
Ford	1 989 955	1 877 704	-5.6
Mitsubishi	985 053	980 065	-0.5
Nissan	714 193	740 154	3.6
Hyundai	410 469	534 447	30.2
Mazda	425 586	530 864	24.7
Honda	303 669	411 346	35.5
Subaru	225 553	330 148	46.4
BMW	125 230	178 757	42.7
Mercedes Benz	130 319	174 759	34.1
Suzuki	117 186	138 844	18.5
Daihatsu	137 035	132 105	-3.6
Daewoo	117 707	130 360	10.7
Volkswagen	75 283	107 561	42.9
Kia	40 254	104 872	160.5
Volvo	86 532	77 017	-11.0
Peugeot	39 395	60 691	54.1
Land Rover	45 934	56 668	23.4
Jeep	36 156	52 949	46.4
Chrysler	61 313	44 421	-27.6
Saab	39 534	42 491	7.5
Audi	25 361	41 123	62.2
Lexus	15 865	34 868	119.8
Jaguar	25 789	26 316	2.0
Alfa Romeo	17 875	20 922	17.0
Renault	11 062	19 566	76.9
Porsche	12 692	17 027	34.2
Proton	14 834	16 785	13.2
Other	141 555	134 474	-5.0
Total all makes	10 101 441	11 188 880	10.8

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

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						
2002	28 054	22 256	21 777	15 550	15 499	103 136
2006	33 697	21 937	23 991	15 440	19 045	114 110
VICTORIA						
2002	15 657	21 083	20 286	15 274	12 480	84 780
2006	20 279	19 160	21 250	15 324	16 145	92 158
QUEENSLAND						
2002	16 546	12 901	13 958	14 175	11 578	69 158
2006	23 490	13 434	16 645	15 141	15 190	83 900
SOUTH AUSTRALIA						
2002	3 923	5 438	7 247	4 574	4 184	25 366
2006	4 971	5 213	6 847	4 771	5 085	26 887
WESTERN AUSTRALIA						
2002	7 032	9 315	9 463	10 426	8 009	44 245
2006	9 378	10 053	10 031	10 278	10 508	50 248
TASMANIA						
2002	2 048	2 537	1 797	1 429	1 390	9 201
2006	2 416	2 487	1 818	1 527	1 942	10 190
NORTHERN TERRITORY						
2002	424	1 101	671	638	426	3 260
2006	594	1 138	755	680	535	3 702
AUSTRALIAN CAPITAL TERRITORY						
2002	577	583	483	326	368	2 337
2006	627	477	500	286	461	2 351
AUSTRALIA						
2002	74 261	75 214	75 682	62 392	53 934	341 483
2006	95 452	73 899	81 837	63 447	68 911	383 546

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

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
2006	61	1 522	6 603	7 540	508	16 234
VICTORIA						
2002	385	4 287	8 927	4 951	3	18 553
2006	399	3 475	8 377	9 249	8	21 508
QUEENSLAND						
2002	85	1 718	6 087	4 165	1 230	13 285
2006	59	1 419	5 549	6 771	2 004	15 802
SOUTH AUSTRALIA						
2002	35	874	3 428	1 811	246	6 394
2006	33	600	3 154	2 229	373	6 389
WESTERN AUSTRALIA						
2002	118	1 930	5 801	105	27	7 981
2006	79	1 364	7 647	133	37	9 260
TASMANIA						
2002	6	167	759	550	1	1 483
2006	2	93	574	827	2	1 498
NORTHERN TERRITORY						
2002	5	45	84	130	389	653
2006	5	44	116	161	428	754
AUSTRALIAN CAPITAL TERRITORY						
2002	4	28	182	48	—	262
2006	—	21	123	90	1	235
AUSTRALIA						
2002	725	11 088	33 125	16 716	2 251	63 905
2006	638	8 538	32 143	27 000	3 361	71 680

— nil or rounded to zero (including null cells)

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	2 114 245	84.2	256 594	10.2	64 929	2.6	74 175	3.0	2 509 943	100.0
Hunter	315 164	78.2	58 539	14.5	11 487	2.8	17 920	4.4	403 110	100.0
Illawarra	208 548	79.2	36 247	13.8	6 991	2.7	11 394	4.3	263 180	100.0
Richmond-Tweed	109 604	76.5	23 673	16.5	4 181	2.9	5 895	4.1	143 353	100.0
Mid-North Coast	149 091	75.8	32 454	16.5	6 103	3.1	9 150	4.6	196 798	100.0
Northern	79 309	63.9	32 379	26.1	7 425	6.0	4 906	4.0	124 019	100.0
North Western	49 902	61.5	22 725	28.0	5 193	6.4	3 260	4.0	81 080	100.0
Central West	85 247	65.0	32 799	25.0	7 197	5.5	5 892	4.5	131 135	100.0
South Eastern	102 908	68.4	34 112	22.7	6 468	4.3	7 013	4.7	150 501	100.0
Murrumbidgee	71 763	65.3	26 517	24.1	6 926	6.3	4 754	4.3	109 960	100.0
Murray	49 031	69.0	16 291	22.9	2 930	4.1	2 792	3.9	71 044	100.0
Far West	9 798	69.7	3 117	22.2	417	3.0	726	5.2	14 058	100.0
Out of state/unspecified(d)	51 295	72.8	12 266	17.4	3 415	4.8	3 474	4.9	70 450	100.0
Total	3 395 905	79.6	587 713	13.8	133 662	3.1	151 351	3.5	4 268 631	100.0
VICTORIA										
Melbourne	2 177 660	84.5	250 220	9.7	62 095	2.4	86 041	3.3	2 576 016	100.0
Barwon	158 446	77.8	30 498	15.0	6 770	3.3	7 984	3.9	203 698	100.0
Western District	58 021	67.0	19 794	22.9	4 945	5.7	3 776	4.4	86 536	100.0
Central Highlands	85 775	72.9	21 867	18.6	5 123	4.4	4 943	4.2	117 708	100.0
Wimmera	28 068	61.2	11 836	25.8	4 120	9.0	1 862	4.1	45 886	100.0
Mallee	49 114	62.5	20 774	26.4	5 505	7.0	3 215	4.1	78 608	100.0
Loddon	102 791	71.7	27 911	19.5	6 274	4.4	6 416	4.5	143 392	100.0
Goulburn	115 959	67.2	38 262	22.2	9 303	5.4	9 070	5.3	172 594	100.0
Ovens-Murray	57 961	68.6	17 691	21.0	4 135	4.9	4 654	5.5	84 441	100.0
East Gippsland	48 034	68.2	15 259	21.7	3 114	4.4	4 008	5.7	70 415	100.0
Gippsland	100 392	72.7	25 049	18.1	5 168	3.7	7 438	5.4	138 047	100.0
Out of state/unspecified(d)	15 635	66.9	3 936	16.8	2 981	12.7	833	3.6	23 385	100.0
Total	2 997 856	80.1	483 097	12.9	119 533	3.2	140 240	3.7	3 740 726	100.0
QUEENSLAND										
Brisbane	1 037 928	78.6	190 444	14.4	39 661	3.0	53 099	4.0	1 321 132	100.0
Moreton	462 801	77.1	93 205	15.5	16 365	2.7	27 706	4.6	600 077	100.0
Wide Bay-Burnett	128 797	68.6	40 132	21.4	7 860	4.2	10 882	5.8	187 671	100.0
Darling Downs	110 258	64.9	40 910	24.1	11 554	6.8	7 152	4.2	169 874	100.0
South West	10 253	48.9	7 978	38.0	2 083	9.9	654	3.1	20 968	100.0
Fitzroy	90 323	65.5	33 455	24.3	6 615	4.8	7 434	5.4	137 827	100.0
Central West	4 251	45.6	3 665	39.3	1 015	10.9	398	4.3	9 329	100.0
Mackay	71 811	63.3	29 945	26.4	5 074	4.5	6 638	5.9	113 468	100.0
Northern	94 059	66.9	32 622	23.2	5 241	3.7	8 756	6.2	140 678	100.0
Far North	104 722	66.1	37 620	23.7	5 755	3.6	10 344	6.5	158 441	100.0
North West	11 260	55.2	6 347	31.1	1 547	7.6	1 261	6.2	20 415	100.0
Out of state/unspecified(d)	11 901	66.2	3 747	20.8	1 197	6.7	1 142	6.3	17 987	100.0
Total	2 138 364	73.8	520 070	17.9	103 967	3.6	135 466	4.7	2 897 867	100.0

(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.

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	676 262	85.2	72 927	9.2	17 982	2.3	26 390	3.3	793 561	100.0
Outer Adelaide	75 659	74.0	18 026	17.6	4 234	4.1	4 345	4.2	102 264	100.0
Yorke and Lower North	26 803	65.5	9 486	23.2	2 536	6.2	2 077	5.1	40 902	100.0
Murray Lands	39 741	68.8	12 388	21.5	2 987	5.2	2 636	4.6	57 752	100.0
South East	35 303	64.8	13 598	25.0	3 109	5.7	2 434	4.5	54 444	100.0
Eyre	17 979	63.2	7 633	26.8	1 526	5.4	1 324	4.7	28 462	100.0
Northern	39 349	71.2	10 810	19.6	2 160	3.9	2 936	5.3	55 255	100.0
Out of state/unspecified(d)	3 963	74.5	775	14.6	460	8.7	119	2.2	5 317	100.0
Total	915 059	80.4	145 643	12.8	34 994	3.1	42 261	3.7	1 137 957	100.0
WESTERN AUSTRALIA										
Perth	928 141	79.9	149 374	12.9	32 274	2.8	51 974	4.5	1 161 763	100.0
South West	124 105	70.5	34 957	19.9	6 991	4.0	9 964	5.7	176 017	100.0
Lower Great Southern	30 164	61.8	12 063	24.7	3 763	7.7	2 815	5.8	48 805	100.0
Upper Great Southern	10 181	50.6	5 875	29.2	3 271	16.3	777	3.9	20 104	100.0
Midlands	27 379	53.5	14 297	27.9	6 910	13.5	2 591	5.1	51 177	100.0
South Eastern	24 776	59.3	11 257	26.9	3 099	7.4	2 641	6.3	41 773	100.0
Central	28 594	59.4	12 908	26.8	3 766	7.8	2 839	5.9	48 107	100.0
Pilbara	17 728	63.6	6 344	22.8	1 520	5.5	2 265	8.1	27 857	100.0
Kimberley	9 270	56.1	4 597	27.8	983	6.0	1 668	10.1	16 518	100.0
Out of state/unspecified(d)	4 928	58.4	2 492	29.5	739	8.8	286	3.4	8 445	100.0
Total	1 205 266	75.3	254 164	15.9	63 316	4.0	77 820	4.9	1 600 566	100.0
TASMANIA										
Greater Hobart	122 871	76.6	27 369	17.1	4 185	2.6	6 027	3.8	160 452	100.0
Southern	13 143	63.9	5 642	27.4	905	4.4	870	4.2	20 560	100.0
Northern	76 907	70.6	22 635	20.8	4 253	3.9	5 147	4.7	108 942	100.0
Mersey-Lyell	57 491	68.9	18 599	22.3	3 195	3.8	4 182	5.0	83 467	100.0
Out of state/unspecified(d)	953	66.9	341	23.9	101	7.1	30	2.1	1 425	100.0
Total	271 365	72.4	74 586	19.9	12 639	3.4	16 256	4.3	374 846	100.0
NORTHERN TERRITORY										
Darwin	51 065	67.2	18 226	24.0	2 702	3.6	3 990	5.3	75 983	100.0
Northern Territory - Bal	21 217	58.8	10 042	27.8	1 884	5.2	2 967	8.2	36 110	100.0
Out of state/unspecified(d)	1 020	53.1	604	31.4	139	7.2	159	8.3	1 922	100.0
Total	73 302	64.3	28 872	25.3	4 725	4.1	7 116	6.2	114 015	100.0
AUSTRALIAN CAPITAL TERRITORY										
Canberra	189 033	86.0	19 322	8.8	2 254	1.0	9 183	4.2	219 792	100.0
Out of state/unspecified(d)	2 730	63.7	866	20.2	429	10.0	259	6.0	4 284	100.0
Total	191 763	85.6	20 188	9.0	2 683	1.2	9 442	4.2	224 076	100.0
AUSTRALIA										
Total	11 188 880	77.9	2 114 333	14.7	475 519	3.3	579 952	4.0	14 358 684	100.0

(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(a)—Statistical division(b)

Statistical division	PETROL LEADED		PETROL UNLEADED		DIESEL		LPG/DUAL FUEL/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	127 988	5.1	2 200 359	87.7	148 536	5.9	33 060	1.3	2 509 943	100.0
Hunter	27 797	6.9	325 617	80.8	44 342	11.0	5 354	1.3	403 110	100.0
Illawarra	18 548	7.0	218 575	83.1	21 729	8.3	4 328	1.6	263 180	100.0
Richmond-Tweed	13 826	9.6	109 022	76.1	18 787	13.1	1 718	1.2	143 353	100.0
Mid-North Coast	18 311	9.3	148 522	75.5	27 818	14.1	2 147	1.1	196 798	100.0
Northern	13 743	11.1	80 077	64.6	29 106	23.5	1 093	0.9	124 019	100.0
North Western	7 912	9.8	52 874	65.2	19 603	24.2	691	0.9	81 080	100.0
Central West	13 858	10.6	91 112	69.5	24 590	18.8	1 575	1.2	131 135	100.0
South Eastern	14 318	9.5	108 457	72.1	24 320	16.2	3 406	2.3	150 501	100.0
Murrumbidgee	11 274	10.3	74 430	67.7	22 390	20.4	1 866	1.7	109 960	100.0
Murray	7 129	10.0	48 940	68.9	12 958	18.2	2 017	2.8	71 044	100.0
Far West	1 739	12.4	9 807	69.8	2 284	16.2	228	1.6	14 058	100.0
Out of state/unspecified(d)	1 100	1.6	56 880	80.7	9 934	14.1	2 536	3.6	70 450	100.0
Total	277 543	6.5	3 524 672	82.6	406 397	9.5	60 019	1.4	4 268 631	100.0
VICTORIA										
Melbourne	215 024	8.3	2 100 599	81.5	145 827	5.7	114 566	4.4	2 576 016	100.0
Barwon	23 454	11.5	152 866	75.0	16 678	8.2	10 700	5.3	203 698	100.0
Western District	10 925	12.6	57 879	66.9	13 851	16.0	3 881	4.5	86 536	100.0
Central Highlands	15 806	13.4	82 826	70.4	12 537	10.7	6 539	5.6	117 708	100.0
Wimmera	8 187	17.8	27 114	59.1	8 700	19.0	1 885	4.1	45 886	100.0
Mallee	12 016	15.3	49 623	63.1	14 614	18.6	2 355	3.0	78 608	100.0
Loddon	22 355	15.6	97 217	67.8	15 027	10.5	8 793	6.1	143 392	100.0
Goulburn	25 164	14.6	112 245	65.0	26 400	15.3	8 785	5.1	172 594	100.0
Ovens-Murray	12 053	14.3	55 664	65.9	13 662	16.2	3 062	3.6	84 441	100.0
East Gippsland	9 236	13.1	45 326	64.4	11 832	16.8	4 021	5.7	70 415	100.0
Gippsland	16 569	12.0	94 387	68.4	17 380	12.6	9 711	7.0	138 047	100.0
Out of state/unspecified(d)	1 633	7.0	16 396	70.1	4 552	19.5	804	3.4	23 385	100.0
Total	372 422	10.0	2 892 142	77.3	301 060	8.0	175 102	4.7	3 740 726	100.0
QUEENSLAND										
Brisbane	104 806	7.9	1 066 050	80.7	129 113	9.8	21 163	1.6	1 321 132	100.0
Moreton	51 794	8.6	475 427	79.2	62 259	10.4	10 597	1.8	600 077	100.0
Wide Bay-Burnett	23 996	12.8	125 452	66.8	34 851	18.6	3 372	1.8	187 671	100.0
Darling Downs	21 129	12.4	112 340	66.1	34 464	20.3	1 941	1.1	169 874	100.0
South West	1 949	9.3	10 016	47.8	8 877	42.3	126	0.6	20 968	100.0
Fitzroy	13 338	9.7	93 344	67.7	29 598	21.5	1 547	1.1	137 827	100.0
Central West	867	9.3	4 303	46.1	4 094	43.9	65	0.7	9 329	100.0
Mackay	9 424	8.3	78 068	68.8	24 976	22.0	1 000	0.9	113 468	100.0
Northern	12 628	9.0	101 067	71.8	25 579	18.2	1 404	1.0	140 678	100.0
Far North	12 910	8.1	109 511	69.1	34 491	21.8	1 529	1.0	158 441	100.0
North West	1 625	8.0	11 308	55.4	7 330	35.9	152	0.7	20 415	100.0
Out of state/unspecified(d)	735	4.1	13 102	72.8	3 916	21.8	234	1.3	17 987	100.0
Total	255 201	8.8	2 199 988	75.9	399 548	13.8	43 130	1.5	2 897 867	100.0

(a) Relates to the type of fuel the vehicle was registered as using.

(b) 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.

(c) The Other component of LPG/Dual fuel/Other is 0.53% for total motor vehicles.

(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(a)—Statistical division(b) *continued*

Statistical division	PETROL LEADED		PETROL UNLEADED		DIESEL		LPG/DUAL FUEL/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	92 812	11.7	649 892	81.9	43 113	5.4	7 744	1.0	793 561	100.0
Outer Adelaide	15 543	15.2	74 675	73.0	11 014	10.8	1 032	1.0	102 264	100.0
Yorke and Lower North	6 868	16.8	26 600	65.0	7 076	17.3	358	0.9	40 902	100.0
Murray Lands	10 029	17.4	38 831	67.2	8 300	14.4	592	1.0	57 752	100.0
South East	6 590	12.1	37 550	69.0	9 930	18.2	374	0.7	54 444	100.0
Eyre	3 745	13.2	17 259	60.6	7 293	25.6	165	0.6	28 462	100.0
Northern	9 448	17.1	38 459	69.6	6 931	12.5	417	0.8	55 255	100.0
Out of state/unspecified(d)	316	5.9	4 141	77.9	811	15.3	49	0.9	5 317	100.0
Total	145 351	12.8	887 407	78.0	94 468	8.3	10 731	0.9	1 137 957	100.0
WESTERN AUSTRALIA										
Perth	110 387	9.5	905 987	78.0	116 688	10.0	28 701	2.5	1 161 763	100.0
South West	19 183	10.9	117 111	66.5	34 713	19.7	5 010	2.8	176 017	100.0
Lower Great Southern	6 391	13.1	28 478	58.4	13 107	26.9	829	1.7	48 805	100.0
Upper Great Southern	3 122	15.5	9 571	47.6	7 153	35.6	258	1.3	20 104	100.0
Midlands	8 193	16.0	25 764	50.3	16 000	31.3	1 220	2.4	51 177	100.0
South Eastern	4 131	9.9	23 964	57.4	13 055	31.3	623	1.5	41 773	100.0
Central	5 689	11.8	27 396	56.9	14 204	29.5	818	1.7	48 107	100.0
Pilbara	2 399	8.6	15 196	54.6	9 868	35.4	394	1.4	27 857	100.0
Kimberley	1 565	9.5	7 832	47.4	6 913	41.9	208	1.3	16 518	100.0
Out of state/unspecified(d)	357	4.2	5 259	62.3	2 473	29.3	356	4.2	8 445	100.0
Total	161 417	10.1	1 166 558	72.9	234 174	14.6	38 417	2.4	1 600 566	100.0
TASMANIA										
Greater Hobart	24 203	15.1	119 444	74.4	15 512	9.7	1 293	0.8	160 452	100.0
Southern	4 127	20.1	12 648	61.5	3 559	17.3	226	1.1	20 560	100.0
Northern	17 484	16.0	75 323	69.1	15 060	13.8	1 075	1.0	108 942	100.0
Mersey-Lyell	11 063	13.3	58 633	70.2	12 930	15.5	841	1.0	83 467	100.0
Out of state/unspecified(d)	93	6.5	1 053	73.9	250	17.5	29	2.0	1 425	100.0
Total	56 970	15.2	267 101	71.3	47 311	12.6	3 464	0.9	374 846	100.0
NORTHERN TERRITORY										
Darwin	4 388	5.8	55 204	72.7	15 583	20.5	808	1.1	75 983	100.0
Northern Territory - Bal	2 541	7.0	21 049	58.3	12 186	33.7	334	0.9	36 110	100.0
Out of state/unspecified(d)	116	6.0	1 145	59.6	647	33.7	14	0.7	1 922	100.0
Total	7 045	6.2	77 398	67.9	28 416	24.9	1 156	1.0	114 015	100.0
AUSTRALIAN CAPITAL TERRITORY										
Canberra	17 185	7.8	188 856	85.9	9 032	4.1	4 719	2.1	219 792	100.0
Out of state/unspecified(d)	319	7.4	3 111	72.6	736	17.2	118	2.8	4 284	100.0
Total	17 504	7.8	191 967	85.7	9 768	4.4	4 837	2.2	224 076	100.0
AUSTRALIA										
Total	1 293 453	9.0	11 207 233	78.1	1 521 142	10.6	336 856	2.3	14 358 684	100.0

(a) Relates to the type of fuel the vehicle was registered as using.

(b) 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.

(c) The Other component of LPG/Dual fuel/Other is 0.53% for total motor vehicles.

(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.

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 1990	570 103	690 336	440 298	248 339	272 451	80 996	12 195	36 239	2 350 957
1991–1995	645 181	547 705	406 755	182 127	235 725	53 046	13 095	38 049	2 121 683
1996–2000	983 754	798 053	553 111	232 382	321 394	64 981	20 892	53 346	3 027 913
2001–2005	1 160 818	931 587	710 816	246 406	362 881	70 478	26 412	62 567	3 571 965
2006(a)	34 396	29 873	23 054	5 791	12 751	1 855	708	1 562	109 990
Not stated	1 653	302	4 330	14	64	9	—	—	6 372
Total	3 395 905	2 997 856	2 138 364	915 059	1 205 266	271 365	73 302	191 763	11 188 880

CAMPERVANS

To 1990	4 824	6 102	4 500	3 017	5 194	2 559	116	316	26 628
1991–1995	969	524	767	322	525	321	16	51	3 495
1996–2000	1 329	656	1 070	281	730	333	27	58	4 484
2001–2005	1 245	1 891	1 982	452	642	331	18	49	6 610
2006(a)	13	113	13	3	3	5	—	—	150
Not stated	27	8	117	1	—	—	—	—	153
Total	8 407	9 294	8 449	4 076	7 094	3 549	177	474	41 520

LIGHT COMMERCIAL VEHICLES

To 1990	135 186	149 326	131 994	45 791	76 033	28 082	6 218	4 651	577 281
1991–1995	101 564	69 708	90 127	23 522	44 899	12 969	4 906	3 213	350 908
1996–2000	146 660	105 999	117 283	32 270	56 280	15 183	6 924	4 520	485 119
2001–2005	199 189	154 253	174 972	43 162	74 751	18 019	10 534	7 616	682 496
2006(a)	4 321	3 735	4 673	893	2 185	329	290	188	16 614
Not stated	793	76	1 021	5	16	4	—	—	1 915
Total	587 713	483 097	520 070	145 643	254 164	74 586	28 872	20 188	2 114 333

LIGHT RIGID TRUCKS

To 1990	10 220	7 234	6 969	1 813	3 598	1 207	89	196	31 326
1991–1995	5 389	2 065	3 332	578	1 258	264	156	82	13 124
1996–2000	6 529	2 683	3 860	762	1 331	314	177	123	15 779
2001–2005	11 159	7 964	8 906	1 764	3 072	621	166	219	33 871
2006(a)	328	325	278	54	118	10	6	7	1 126
Not stated	72	8	145	—	1	—	—	—	226
Total	33 697	20 279	23 490	4 971	9 378	2 416	594	627	95 452

HEAVY RIGID TRUCKS

To 1990	36 022	40 686	28 361	13 073	24 578	4 745	1 361	579	149 405
1991–1995	11 239	8 131	8 115	2 489	4 730	890	497	270	36 361
1996–2000	14 046	9 424	9 216	2 621	5 153	868	623	354	42 305
2001–2005	18 371	13 275	14 025	3 644	6 217	1 254	617	501	57 904
2006(a)	441	327	350	88	191	17	10	20	1 444
Not stated	294	36	343	1	1	—	—	—	675
Total	80 413	71 879	60 410	21 916	40 870	7 774	3 108	1 724	288 094

ARTICULATED TRUCKS

To 1990	4 350	6 842	4 680	2 019	3 660	411	313	39	22 314
1991–1995	2 315	3 006	1 995	967	1 122	201	113	29	9 748
1996–2000	3 649	4 194	3 299	1 415	1 838	329	147	66	14 937
2001–2005	5 720	7 246	5 620	1 919	2 573	553	178	99	23 908
2006(a)	178	215	182	69	58	4	3	2	711
Not stated	22	5	26	—	9	—	—	—	62
Total	16 234	21 508	15 802	6 389	9 260	1 498	754	235	71 680

— nil or rounded to zero (including null cells)

(a) This category includes motor vehicles manufactured in the first three months of 2006.

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 1990	1 299	2 733	1 240	808	1 859	475	114	35	8 563
1991–1995	481	929	544	265	447	129	37	9	2 841
1996–2000	650	1 034	1 158	342	686	139	72	30	4 111
2001–2005	874	1 143	1 286	298	813	206	45	23	4 688
2006(a)	3	23	24	3	3	1	1	—	58
Not stated	11	5	13	2	—	1	—	—	32
Total	3 318	5 867	4 265	1 718	3 808	951	269	97	20 293

BUSES

To 1990	5 588	4 684	4 217	1 579	2 823	1 070	478	285	20 724
1991–1995	4 927	3 268	3 557	815	2 769	469	617	231	16 653
1996–2000	5 648	4 221	4 299	980	2 771	328	908	194	19 349
2001–2005	4 352	4 182	4 274	978	2 599	346	959	233	17 923
2006(a)	151	153	144	61	89	6	27	3	634
Not stated	67	—	25	—	—	—	—	—	92
Total	20 733	16 508	16 516	4 413	11 051	2 219	2 989	946	75 375

MOTOR CYCLES

To 1990	22 353	24 196	22 751	4 552	16 652	2 641	623	1 579	95 347
1991–1995	15 458	13 658	13 428	3 978	7 485	1 478	486	1 000	56 971
1996–2000	31 602	28 976	24 211	7 289	12 737	2 764	978	2 039	110 596
2001–2005	51 794	45 810	48 293	12 951	21 950	3 539	1 825	3 329	189 491
2006(a)	936	1 604	861	350	849	66	38	75	4 779
Not stated	68	194	957	4 652	2	—	—	—	5 873
Total	122 211	114 438	110 501	33 772	59 675	10 488	3 950	8 022	463 057

TOTAL MOTOR VEHICLES

To 1990	789 945	932 139	645 010	320 991	406 848	122 186	21 507	43 919	3 282 545
1991–1995	787 523	648 994	528 620	215 063	298 960	69 767	19 923	42 934	2 611 784
1996–2000	1 193 867	955 240	717 507	278 342	402 920	85 239	30 748	60 730	3 724 593
2001–2005	1 453 522	1 167 351	970 174	311 574	475 498	95 347	40 754	74 636	4 588 856
2006(a)	40 767	36 368	29 579	7 312	16 247	2 293	1 083	1 857	135 506
Not stated	3 007	634	6 977	4 675	93	14	—	—	15 400
Total	4 268 631	3 740 726	2 897 867	1 137 957	1 600 566	374 846	114 015	224 076	14 358 684

— nil or rounded to zero (including null cells)

(a) This category includes motor vehicles manufactured in the first three months of 2006.

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 2006.

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

2006, 31 March	1995, 31 May
2005, 31 March	1993, 30 June
2004, 31 March	1991, 30 September
2003, 31 March	1988, 30 September
2002, 31 March	1985, 30 September
2001, 31 March	1982, 30 September
1999, 31 October	1979, 30 September
1998, 31 October	1976, 30 September
1997, 31 October	1971, 30 September
1996, 31 October	

SCOPE

3 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.

4 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.

5 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.

6 Vintage and veteran vehicles are excluded from vehicle counts in the published data, but are available for consultancy data requests. These vehicles are identified using a unique insurance code, with the following exceptions:

- in New South Wales this insurance code is not provided and therefore it is not possible to separately identify these vehicles. Therefore veteran and vintage vehicles are included in the number of registered vehicles for New South Wales.
- while Victoria does provide an insurance code for these vehicles, this insurance code also applies to tractors, motorcycles and self propelled farm machinery owned by primary producers and used solely in connection with the business of a primary producer. These records are deemed out of scope. (Note that tractors and motorcycles not used solely in connection with the business of a primary producer have a different insurance code which deems them in scope.) Therefore, the number of veteran and vintage vehicles cannot be obtained for Victoria.

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.

EXPLANATORY NOTES *continued*

SCOPE *continued*

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

	<i>Between 2001 and 2002</i>		<i>Between 2002 and 2003</i>		<i>Between 2003 and 2004</i>		<i>Between 2004 and 2005</i>		<i>Between 2005 and 2006</i>	
	no.	%								
NSW	177 095	4.5	191 566	4.7	196 609	4.7	207 506	4.9	214 431	4.9
Vic.	129 975	3.8	143 986	4.1	179 738	4.9	173 120	4.7	171 489	4.5
Qld	52 067	2.2	57 080	2.3	88 012	3.3	102 952	3.7	98 452	3.4
SA	37 331	3.5	40 480	3.7	44 813	4.0	48 779	4.3	40 073	3.5
WA	37 304	2.7	42 040	2.9	46 330	3.1	46 716	3.1	38 310	2.4
Tas.	10 648	3.2	11 306	3.3	6 768	1.9	8 961	2.5	8 272	2.2
NT	6 178	5.8	6 927	6.4	6 320	5.8	5 390	4.8	5 925	5.1
ACT	9 164	4.4	9 057	4.2	12 849	5.8	11 157	5.0	10 985	4.8
Aust.	459 762	3.6	502 442	3.8	581 439	4.2	604 581	4.3	587 937	4.1

(a) These estimates exclude motorcycles. For more details on calculation of attrition rate refer to glossary. Sales of New Motor Vehicles, Australia (cat. no. 9314.0)

METHODOLOGY

8 The 2006 Motor Vehicle Census is a count of all vehicles registered with a state or territory motor vehicle registration authority (MVR) at 31 March 2006. The snapshot date has consistently been 31 March since 2001. The Australian Bureau of Statistics (ABS) receives the data from the MVRs. At this stage all records are compared to the previous MVC data for vehicles that match (on-going registrations) and relevant details are updated. The matching is based primarily on a unique identifier given by the registries to each record. After the primary match is done, a secondary match is run based on the Vehicle Identification Number (VIN), engine number, chassis number, year of manufacture and body to improve the number of matched records.

9 The un-matched records (new vehicle registrations) undergo comprehensive editing. This editing checks such items as body, make, model, year of manufacture, weight, heavy vehicle code, postcode and fuel.

10 The editing of on-going registrations is limited as these records have been edited in past years. Finally, aggregate data is checked across time, states and vehicle types to ensure coherency.

DATA QUALITY

11 The size of the registered motor vehicle fleet (approximately 14 million vehicles) dictates that quality assurance of each record is not possible. Considerable effort is made, both by motor vehicle registration authorities and the 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 to ensure the vehicle counts track consistently in a time series when compared to previous MVCs. 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. The ABS recognises the importance of motor vehicle statistics to a large variety of statistical users. While the data are made available at a detailed level, the quality of this detailed data is less certain, therefore the ABS is unable to guarantee that it is necessarily sufficient for all purposes for which it is used.

12 For vehicles manufactured during or after 1990, the statistics in this publication are based on procedures using the 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. For these earlier vehicles, standard ABS makes and models were produced from registry make and model data using information such as engine number and chassis number.

EXPLANATORY NOTES *continued*

DATA QUALITY *continued*

13 Each year, for new vehicle registrations, the Registry's vehicle model description is converted to a standard ABS model. This is necessary as model descriptions can vary between Registries. Resource constraints affect the amount of model conversion that can be carried out, resulting in some vehicles being left with a blank model which is then coded to 'model unknown'.

Data confrontation

14 While there are no data sources available in which to directly assess the quality of MVC data, new motor vehicle sales data and population data provide an indication of data quality as they give some context to the size of the motor vehicle fleet. Assessing the quality of data by comparison against other datasets is known as data confrontation. The ABS has been using sales of new motor vehicles data and estimated resident population (ERP) data to 'confront' MVC data for several years.

NEW MOTOR VEHICLE SALES (NMVS)

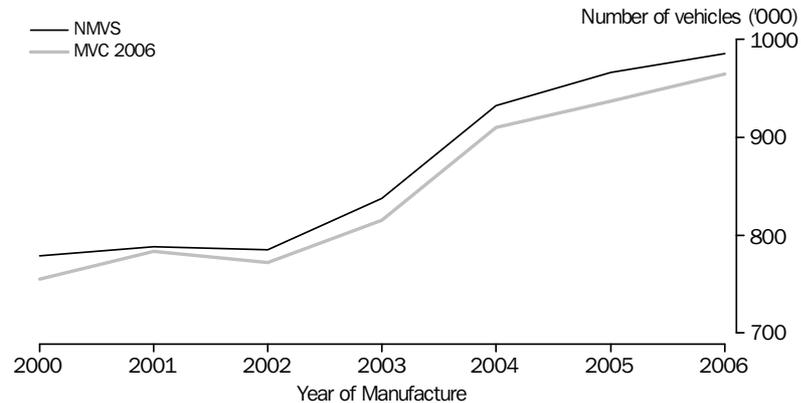
15 Sales of new motor vehicles can be compared with data from the MVC based upon the year of manufacture. The following assumptions have been made:

- vehicles manufactured in one year are not available for sale until after 31 March of that year;
- vehicles manufactured in one year are sold as new vehicles until at least 31 March of the following year;
- vehicles sold over recent years will remain on the MVC year after year.

16 Therefore, it can be assumed that vehicles manufactured in 2005 (as reflected in 2006 MVC data) would most likely have been sold in the period between 1 April 2005 and 31 March 2006 (as captured by sales of new motor vehicles data). Similarly, vehicles manufactured in 2004 would have been sold between 1 April 2004 and 31 March 2005, and so on.

17 The graph below shows that sales of new motor vehicles by year are comparable with the number of registered vehicles by year of manufacture on the MVC.

NMVS VS MVC YEAR OF MANUFACTURE, Australia



(a) NMVS figures have been sourced from Sales of New Motor Vehicles, Australia (9314.0)

ESTIMATED RESIDENT POPULATION

18 The table below shows a comparison of growth on a state/territory basis for both the MVC and ERP. Over the past few years, strong motor vehicle sales have meant that the growth in motor vehicle registrations has been higher than the growth in ERP. However, growth in MVC and ERP has tended to be in the same direction.

EXPLANATORY NOTES *continued*

Data confrontation *continued*

COMPARISON OF VEHICLE FLEET AND POPULATION CHANGE (a), State/territory

	MOTOR VEHICLE CENSUS			ESTIMATED RESIDENT POPULATION		
	2005	2006	Change 05/06	March 2005	March 2006	Change 05/06
	no.	no.	%	no.	no.	%
NSW	4 170 387	4 268 631	2.4	6 760 264	6 817 142	0.8
Vic.	3 649 582	3 740 726	2.5	5 012 722	5 078 466	1.3
QLD	2 767 304	2 897 867	4.7	3 955 530	4 035 707	2.3
SA	1 111 712	1 137 957	2.4	1 540 397	1 552 324	0.8
WA	1 529 615	1 600 566	4.6	2 004 155	2 042 781	1.9
Tas.	362 134	374 846	3.5	485 123	488 698	0.7
NT	109 819	114 015	3.8	202 303	205 918	1.8
ACT	219 552	224 076	2.1	325 497	328 146	0.8
Aust.	13 920 105	14 358 684	3.2	20 288 668	20 551 865	1.3

(a) ERP figures have been sourced from Australian Demographic Statistics (3101.0).

STATISTICAL GEOGRAPHY

19 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.

20 The only geographic data available from the MVC are postcode of owner and state or territory of registration. Consequently, conversion factors have been used to concord postcode estimates to estimates for statistical divisions (SD). The concordances were calculated according to the Statistical Local Area (SLA) boundaries as at 1 July 2005 as explained in the Detailed Main Structure of the *Australian Standard Geographical Classification (ASGC), 2005*, (cat. no. 1216.0).

21 The geographic concordances used for this MVC were based on the distribution of the 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.

22 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 or territory 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 and territory.
- 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.

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

RELATED PUBLICATIONS AND PRODUCTS

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

- *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) or 9210.0.55.001 (issued annually)

EXPLANATORY NOTES *continued*

ABS DATA AVAILABLE ON
REQUEST

25 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	<p>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:</p> $\left[1 - \left\{ \frac{T2}{(T1 + N1)} \right\}^{12/M} \right] \times 100$ <p>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.</p>
Average age of vehicle	<p>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 formulae below allow for the census being conducted on different months of the year. They also assume that vehicles are manufactured at a constant rate over the year, or three month period for the current year.</p> <p>For vehicles manufactured in the current year: Vehicle age = Reference month/24</p> <p>For vehicles manufactured in previous years: Vehicle age = Current year - Year of manufacture + (Reference month - 6)/12</p> <p>The average age is then calculated as the sum of all vehicle ages divided by the total number of vehicles. Vehicles that have a year of manufacture unknown are excluded from calculations of average age.</p>
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.
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).

GLOSSARY *continued*

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	<p>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.</p> <p>Rigid trucks are divided into two categories:</p> <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 of the 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), 2005</i> (cat. no. 1216.0).

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