

**MOTOR VEHICLE CENSUS**

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 30 JUL 2014

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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 January 2014 with a motor vehicle registration authority. Motor vehicle registration statistics reflect the information as recorded in registration documents.

Statistics are provided on vehicle types comprising passenger vehicles, campervans, light commercial vehicles, trucks, buses and motor cycles. Vehicle characteristic information includes make of vehicle, year of manufacture, type of fuel that the vehicle was registered as using, and Gross Vehicle Mass or Gross Combination Mass for trucks. 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
Aust. Australia
ERP estimated resident population
GCM gross combination mass
GVM gross vehicle mass
LPG liquefied petroleum gas
MVC Motor Vehicle Census
NMVS new motor vehicle sales
NSW New South Wales
NT Northern Territory
Qld Queensland
SA South Australia
Tas. Tasmania
Vic. Victoria
WA Western Australia

Jonathan Palmer
Acting Australian Statistician

SUMMARY OF FINDINGS

TOTAL NUMBER OF VEHICLES ON REGISTER

At the time of the 2014 Motor Vehicle Census (MVC), there were 17.6 million motor vehicles, including Motor cycles, registered in Australia. This is 2.6% higher than the number of registrations for 2013 and an increase of 12.5% since 2009. The average annual growth rate over the five years to 2014 was 2.5%.

TYPE OF VEHICLE (a), Census years 2009, 2013 and 2014

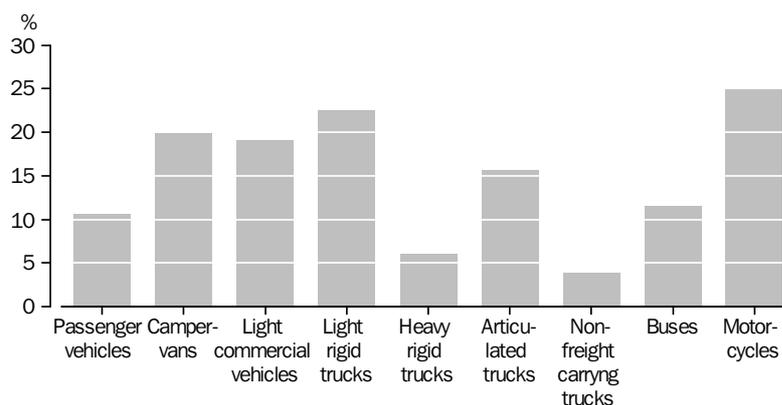
	2009	2013	2014	Change 09/14	Change 13/14	Average annual growth 09/14(b)
	no.	no.	no.	%	%	%
Passenger vehicles	12 023 098	13 000 021	13 297 260	10.6	2.3	2.1
Campervans	46 535	54 101	55 757	19.8	3.1	3.8
Light commercial vehicles	2 371 082	2 717 673	2 824 052	19.1	3.9	3.7
Light rigid trucks	110 763	131 147	135 658	22.5	3.4	4.3
Heavy rigid trucks	310 939	325 998	329 464	6.0	1.1	1.2
Articulated trucks	81 217	90 904	93 853	15.6	3.2	3.0
Non-freight carrying vehicles	22 299	22 986	23 144	3.8	0.7	0.8
Buses	84 413	93 034	94 131	11.5	1.2	2.3
Motor cycles	624 090	744 732	780 174	25.0	4.8	4.7
Total motor vehicles	15 674 436	17 180 596	17 633 493	12.5	2.6	2.5

(a) Refer to Glossary for definition of vehicle types.

(b) Refer to Glossary for definition of Average annual growth.

Motor cycles, Light rigid trucks and Campervans were the vehicle types experiencing the largest growth rate over the five years between 2009 and 2014 with increases of 25.0%, 22.5% and 19.8% respectively.

TYPE OF VEHICLE (a), Percent change—Between census years 2009 and 2014



(a) Refer to Glossary for definition of vehicle types.

CHARACTERISTICS OF THE FLEET

Across Australia, Passenger vehicles accounted for 75.4% of all vehicles registered for the 2014 MVC. All states and territories have experienced a decrease in the proportion of Passenger vehicles in their fleet over the 5 year period 2009 to 2014. The decrease in the proportion of Passenger vehicles has been offset by increases in the proportion of Light commercial vehicles, Heavy rigid trucks, Buses and Motor cycles in each jurisdiction.

SUMMARY OF FINDINGS *continued*

CHARACTERISTICS OF THE FLEET *continued*

Light commercial vehicles accounted for 16.0% of all vehicles registered in Australia for the 2014 MVC.

In the 2014 MVC, Motor cycles made up 4.4% of all vehicles registered in Australia, up from 4.0% in 2009.

Rigid trucks accounted for 2.6% of the total number of vehicles registered in 2014 decreasing slightly from 2.7% in 2009. Registrations of Light rigid trucks have increased by 22.5% since 2009, while registrations of Heavy rigid trucks have increased by 6.0% over the same period.

For the 2014 MVC, Articulated trucks only accounted for 0.5% of the total number of registered vehicles in Australia.

STATES AND TERRITORIES

The distribution of the vehicle fleet across the states/territories reflects the population distribution. New South Wales had the largest share of the Australian fleet in the 2014 MVC with 5.1 million vehicles or 28.9% of all registered vehicles. Victoria had the second largest share with nearly 4.5 million vehicles (25.4%) followed by Queensland with 3.7 million vehicles (21.0%). The Northern Territory had the smallest share with 0.2 million registered vehicles (0.9%).

STATE OF REGISTRATION, CENSUS YEARS 2009, 2013 AND 2014

	2009	2013	2014	Change 09/14	Change 13/14	Average annual growth 09/14(a)
	no.	no.	no.	%	%	%
New South Wales	4 567 386	4 984 557	5 102 352	11.7	2.4	2.3
Victoria	4 010 276	4 383 634	4 483 098	11.8	2.3	2.3
Queensland	3 283 243	3 606 121	3 705 400	12.9	2.8	2.5
South Australia	1 208 926	1 298 404	1 326 232	9.7	2.1	1.9
Western Australia	1 828 346	2 048 388	2 142 307	17.2	4.6	3.3
Tasmania	400 516	436 999	442 575	10.5	1.3	2.1
Northern Territory	128 758	148 569	152 177	18.2	2.4	3.5
Australian Capital Territory	246 985	273 924	279 352	13.1	2.0	2.6
Australia	15 674 436	17 180 596	17 633 493	12.5	2.6	2.5

(a) Refer to Glossary for definition of Average annual growth.

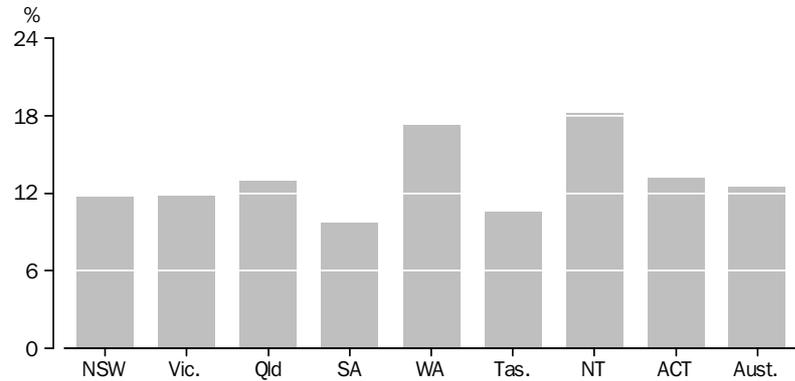
The Northern Territory recorded the largest growth (18.2%) in fleet size over the 5 year period 2009 to 2014 with an annual average increase of 3.5%. This was followed by Western Australia (17.2%) with an annual average increase of 3.3% and the Australian Capital Territory (13.1%) with an annual increase of 2.6%.

Over the same five year period, South Australia had the smallest growth in fleet size (9.7%), with an average annual increase of 1.9%.

SUMMARY OF FINDINGS *continued*

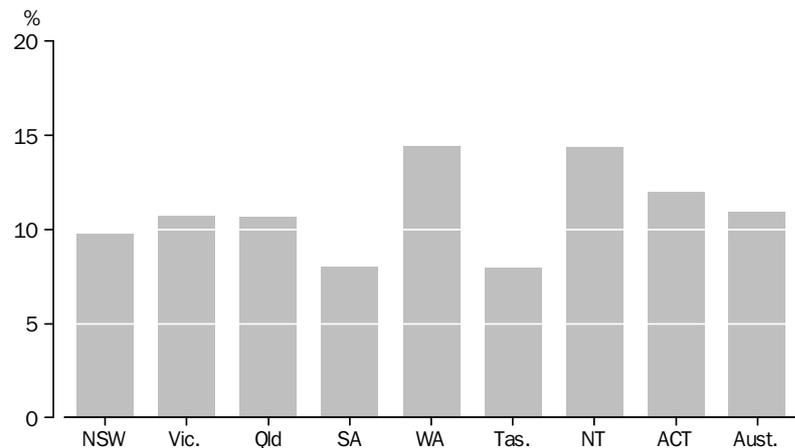
STATES AND TERRITORIES
continued

MOTOR VEHICLE REGISTRATIONS, Percent change—Census years 2009 and 2014



Of all states and territories, Western Australia and the Northern Territory recorded the largest increase (14.4% each) in the proportion of Passenger vehicles in their fleets from 2009 to 2014. Over the same period, South Australia recorded the lowest increase (8%).

PASSENGER VEHICLE REGISTRATIONS, Percent change—Census years 2009 and 2014

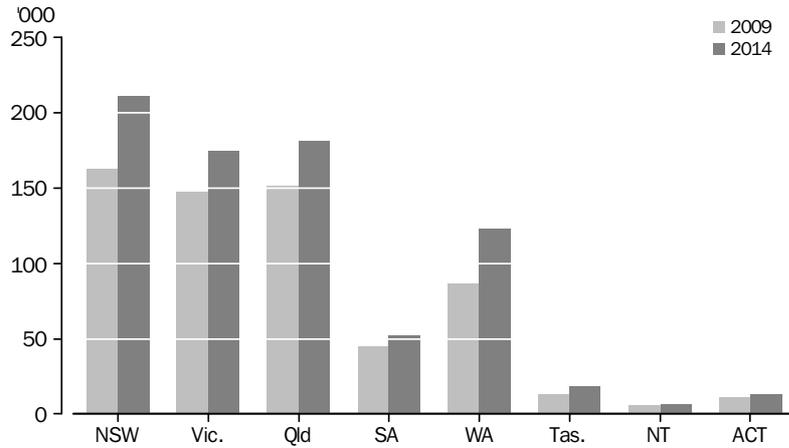


Over the five year period 2009 to 2014, Western Australia and Tasmania recorded the largest percentage increase in Motor cycle registrations (41.3% and 34.5% respectively).

SUMMARY OF FINDINGS *continued*

STATES AND TERRITORIES *continued*

MOTOR CYCLE REGISTRATIONS, State/territory of registration—Census years 2009 and 2014



Since 2009, the Northern Territory had the largest percentage growth in Light commercial vehicles (26.6%), followed by the Australian Capital Territory (24.4%) and Western Australia (22.2%). Tasmania had the smallest growth (15.8%).

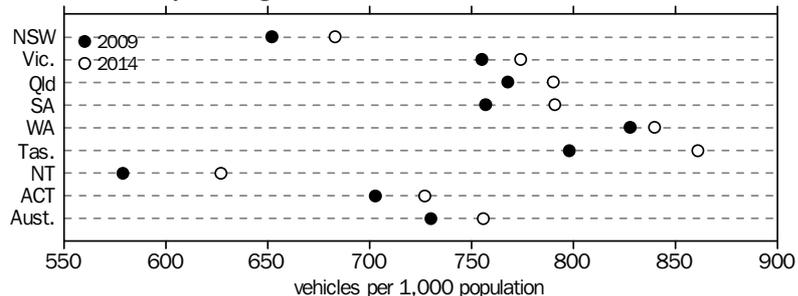
VEHICLES AND RESIDENT POPULATION

In Australia there were 756 motor vehicles per 1,000 Estimated Resident Population in the 2014 MVC. This compares with 730 vehicles per 1,000 population in 2009, an increase of 26 vehicles per 1,000 population over this time.

Tasmania had the greatest number of vehicles per 1,000 population of all states and territories in 2014 with 861, followed by Western Australia with 840 per 1,000 population. In 2009, Western Australia had the highest rate with 828 vehicles per 1,000 population, followed by Tasmania with 798 per 1,000 population.

For the 2014 MVC, the Northern Territory had the lowest number of vehicles per 1,000 population of all states and territories with 627.

MOTOR VEHICLE REGISTRATIONS BY POPULATION (a) (b), State/territory of registration



(a) Rates for 2014 are calculated using Estimated Resident Population data re-based on the 2011 Census at December 2013 and Motor Vehicle Census data at 31 January 2014 (Australian Demographic Statistics - 3101.0 Dec 2013)

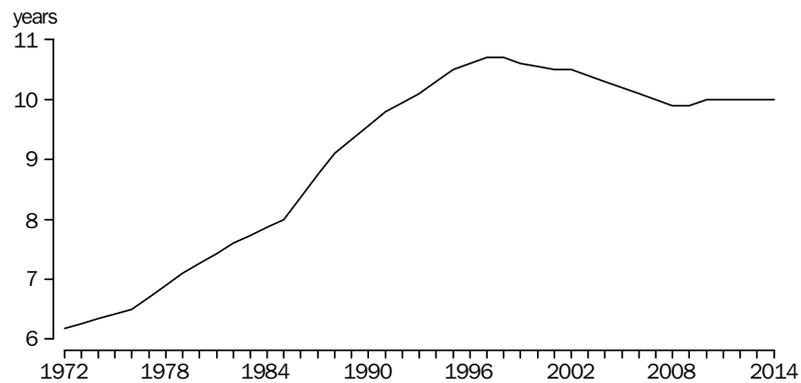
(b) Rates have been revised using the latest Estimated Resident Population data re-based on 2011 Census at December 2013 (Australian Demographic Statistics - 3101.0 Dec 2013).

SUMMARY OF FINDINGS *continued*

AVERAGE AGE OF REGISTERED VEHICLES

In 2014, the average age of all vehicles registered in Australia was 10.0 years for the fifth consecutive MVC. Over the five year period from 2009, Campervans were the only vehicle categories to record a decrease in average age. Campervans decreased by 0.5 years. Over the same period, Motor cycles and Articulated trucks increased in average age by 0.8 years and 0.7 years respectively.

AVERAGE VEHICLE AGE(a) OF REGISTERED VEHICLES, Census years(b)



(a) For more details on the calculation of average vehicle age refer to the Glossary.
 (b) See Explanatory Notes for Motor Vehicle Census dates.

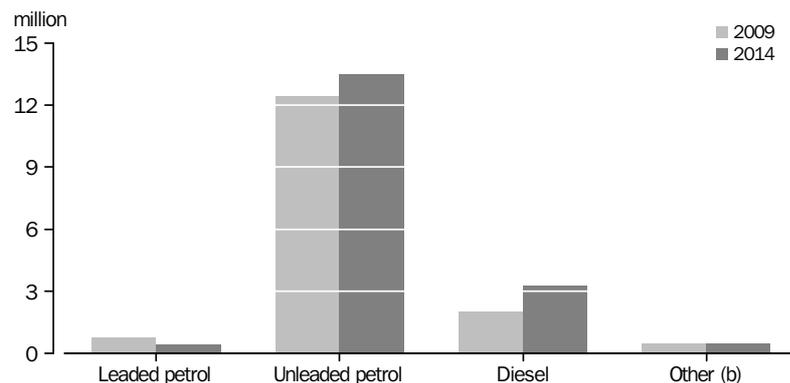
TYPE OF FUEL

Australia wide there were 13.9 million petrol powered vehicles registered in 2014 accounting for 78.8% of the total vehicle fleet.

In comparison there were 3.3 million diesel powered vehicles accounting for 18.5% of the fleet.

Over the five year period from 2009, the number of Passenger vehicles and Light Commercial vehicles registered with diesel fuel increased by 103.6% and 65.4% respectively.

MOTOR VEHICLE REGISTRATIONS, Type of fuel(a)



(a) Relates to the type of fuel recorded by the motor vehicle registry.
 (b) Other fuel types includes LPG, dual fuel and electric.

MOTOR VEHICLES ON REGISTER, Type of Vehicles(a)—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									
2009	3 602 556	3 178 777	2 362 505	958 904	1 345 494	285 803	80 563	208 496	12 023 098
2013	3 877 515	3 446 548	2 556 581	1 016 590	1 476 743	305 913	91 071	229 060	13 000 021
2014	3 953 655	3 519 491	2 614 648	1 036 052	1 539 270	308 555	92 150	233 439	13 297 260
CAMPERVANS									
2009	9 288	10 526	10 550	4 035	7 535	3 940	197	464	46 535
2013	11 885	11 918	12 859	3 983	8 215	4 529	248	464	54 101
2014	12 538	12 360	13 311	4 052	8 258	4 574	234	430	55 757
LIGHT COMMERCIAL VEHICLES									
2009	630 947	526 193	617 171	159 285	299 638	81 524	33 442	22 882	2 371 082
2013	720 854	596 530	710 842	181 792	347 820	92 196	40 292	27 347	2 717 673
2014	747 280	616 579	740 554	188 196	366 219	94 437	42 323	28 464	2 824 052
LIGHT RIGID TRUCKS									
2009	36 810	23 355	28 930	5 747	11 984	2 538	686	713	110 763
2013	41 929	29 411	33 424	6 645	15 322	2 898	609	909	131 147
2014	43 412	29 910	34 432	6 898	16 427	3 034	601	944	135 658
HEAVY RIGID TRUCKS									
2009	82 056	75 588	69 804	22 595	47 340	8 171	3 687	1 698	310 939
2013	85 807	78 490	71 366	23 326	52 218	8 720	4 359	1 712	325 998
2014	86 973	78 376	72 362	23 134	53 739	8 698	4 478	1 704	329 464
ARTICULATED TRUCKS									
2009	16 893	24 069	18 420	7 047	11 944	1 679	949	216	81 217
2013	19 505	25 560	20 720	7 988	14 226	1 563	1 181	161	90 904
2014	19 906	26 107	21 496	8 326	15 054	1 584	1 233	147	93 853
NON-FREIGHT CARRYING VEHICLES									
2009	3 599	6 107	5 030	1 805	4 360	1 014	300	84	22 299
2013	3 005	6 262	5 528	1 873	4 859	979	359	121	22 986
2014	2 931	6 316	5 577	1 862	5 023	968	344	123	23 144
BUSES									
2009	22 401	18 061	19 127	4 916	13 007	2 422	3 439	1 040	84 413
2013	24 210	19 509	21 026	5 529	15 133	2 744	3 810	1 073	93 034
2014	24 617	19 623	21 337	5 622	15 322	2 667	3 882	1 061	94 131
MOTOR CYCLES									
2009	162 836	147 600	151 706	44 592	87 044	13 425	5 495	11 392	624 090
2013	199 847	169 406	173 775	50 678	113 852	17 457	6 640	13 077	744 732
2014	211 040	174 336	181 683	52 090	122 995	18 058	6 932	13 040	780 174
TOTAL MOTOR VEHICLES									
2009	4 567 386	4 010 276	3 283 243	1 208 926	1 828 346	400 516	128 758	246 985	15 674 436
2013	4 984 557	4 383 634	3 606 121	1 298 404	2 048 388	436 999	148 569	273 924	17 180 596
2014	5 102 352	4 483 098	3 705 400	1 326 232	2 142 307	442 575	152 177	279 352	17 633 493

(a) Refer to Glossary for definition of vehicle types.

MOTOR VEHICLES ON REGISTER(a), Per 1000 population(b)—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									
2009(c)	515	598	553	600	609	570	362	594	560
2013(c)	527	606	554	612	596	597	382	606	567
2014	530	608	557	618	603	600	380	608	570
CAMPERVANS									
2009(c)	1	2	2	3	3	8	1	1	2
2013(c)	2	2	3	2	3	9	1	1	2
2014	2	2	3	2	3	9	1	1	2
LIGHT COMMERCIAL VEHICLES									
2009(c)	90	99	144	100	136	162	150	65	110
2013(c)	98	105	154	109	140	180	169	72	119
2014	100	106	158	112	144	184	174	74	121
LIGHT RIGID TRUCKS									
2009(c)	5	4	7	4	5	5	3	2	5
2013(c)	6	5	7	4	6	6	3	2	6
2014	6	5	7	4	6	6	2	2	6
HEAVY RIGID TRUCKS									
2009(c)	12	14	16	14	21	16	17	5	14
2013(c)	12	14	15	14	21	17	18	5	14
2014	12	14	15	14	21	17	18	4	14
ARTICULATED TRUCKS									
2009(c)	2	5	4	4	5	3	4	1	4
2013(c)	3	4	4	5	6	3	5	—	4
2014	3	5	5	5	6	3	5	—	4
NON-FREIGHT CARRYING VEHICLES									
2009(c)	1	1	1	1	2	2	1	—	1
2013(c)	—	1	1	1	2	2	2	—	1
2014	—	1	1	1	2	2	1	—	1
BUSES									
2009(c)	3	3	4	3	6	5	15	3	4
2013(c)	3	3	5	3	6	5	16	3	4
2014	3	3	5	3	6	5	16	3	4
MOTOR CYCLES									
2009(c)	23	28	35	28	39	27	25	32	29
2013(c)	27	30	38	30	46	34	28	35	32
2014	28	30	39	31	48	35	29	34	33

— nil or rounded to zero (including null cells)

(a) Refer to Glossary for definition of vehicle types.

(b) Rates for 2014 are calculated using Estimated Resident Population data re-based on the 2011 Census at December 2013 and Motor Vehicle Census data at 31 January 2014 (Australian Demographic Statistics - 3101.0 Dec 2013).

(c) Rates have been revised using Estimated Resident Population data re-based on the 2011 Census at December 2013 and Motor Vehicle Census data at 31 January 2014 (Australian Demographic Statistics - 3101.0 Dec 2013).

MOTOR VEHICLES ON REGISTER(a), Per 1000 population(b)—Census years *continued*

	<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.
TOTAL MOTOR VEHICLES									
2009(c)	652	755	768	757	828	798	579	703	730
2013(c)	678	771	782	781	826	853	623	725	749
2014	683	774	790	791	840	861	627	727	756

- (a) Refer to Glossary for definition of vehicle types.
- (b) Rates for 2014 are calculated using Estimated Resident Population data re-based on the 2011 Census at December 2013 and Motor Vehicle Census data at 31 January 2014 (Australian Demographic Statistics - 3101.0 Dec 2013).
- (c) Rates have been revised using Estimated Resident Population data re-based on the 2011 Census at December 2013 and Motor Vehicle Census data at 31 January 2014 (Australian Demographic Statistics - 3101.0 Dec 2013).

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

	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									
2009	9.2	10.1	9.3	10.9	9.7	11.5	8.6	9.4	9.7
2013	9.4	10.0	9.4	11.1	9.9	12.0	8.8	9.3	9.8
2014	9.4	9.9	9.4	11.2	9.9	12.1	8.8	9.3	9.8
CAMPERVANS									
2009	16.7	18.0	14.8	21.7	21.4	20.5	20.2	19.8	18.1
2013	15.8	17.5	14.2	21.6	21.8	20.8	20.0	18.8	17.6
2014	15.8	17.3	14.4	21.6	22.0	21.2	19.7	18.7	17.6
LIGHT COMMERCIAL VEHICLES									
2009	10.1	11.2	9.8	11.2	10.5	12.6	8.9	9.6	10.4
2013	10.1	10.9	9.8	11.1	10.4	13.0	8.9	9.3	10.4
2014	10.0	10.9	9.8	11.1	10.4	13.1	8.8	9.4	10.4
LIGHT RIGID TRUCKS									
2009	10.8	11.2	10.2	11.5	11.3	15.3	10.0	10.3	10.9
2013	10.9	11.5	10.5	11.5	10.8	15.2	11.7	10.5	11.0
2014	10.9	11.6	10.7	11.6	10.7	15.0	11.8	10.3	11.1
HEAVY RIGID TRUCKS									
2009	14.0	17.1	13.7	16.7	17.1	16.7	12.6	10.9	15.4
2013	14.5	17.0	14.0	16.7	16.8	17.5	13.1	11.2	15.6
2014	14.6	17.0	14.1	16.8	16.7	17.6	12.9	11.3	15.6
ARTICULATED TRUCKS									
2009	10.0	11.2	10.2	10.7	11.7	9.4	12.1	8.4	10.7
2013	11.3	12.1	10.9	11.3	11.8	10.7	11.8	9.9	11.5
2014	11.2	12.0	10.9	11.3	11.8	10.7	11.7	9.8	11.4
NON-FREIGHT CARRYING VEHICLES									
2009	12.5	15.6	10.6	15.0	15.8	15.8	13.9	13.0	13.9
2013	14.6	16.2	10.9	14.6	15.6	16.0	13.0	8.5	14.3
2014	15.1	16.2	11.0	14.5	15.6	16.2	13.1	8.1	14.4
BUSES									
2009	11.3	11.4	10.1	11.8	10.9	14.9	8.4	11.3	11.0
2013	11.3	11.8	10.0	11.0	10.5	14.8	9.1	11.0	11.0
2014	11.4	11.8	10.2	11.0	10.7	14.8	9.0	11.2	11.1
MOTOR CYCLES									
2009	8.4	9.0	8.2	8.3	9.8	10.0	6.7	8.5	8.7
2013	8.8	9.5	8.9	9.7	10.3	11.0	7.2	8.8	9.3
2014	8.9	9.6	9.1	10.1	10.4	11.2	7.4	9.1	9.5
TOTAL MOTOR VEHICLES									
2009	9.4	10.4	9.5	11.0	10.1	11.9	8.8	9.4	9.9
2013	9.6	10.3	9.6	11.2	10.3	12.4	9.0	9.3	10.0
2014	9.6	10.2	9.6	11.3	10.3	12.5	8.9	9.3	10.0

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

(b) Refer to Glossary for definition of vehicle types.

MOTOR VEHICLES ON REGISTER, Type of Fuel(a), by Type of Vehicle(b)—Census years

	PETROL					All fuel types
	Leaded	Unleaded	Petrol	Diesel	Other(c)	
PASSENGER VEHICLES						
2009	524 059	10 575 704	11 099 763	579 688	343 647	12 023 098
2013	320 748	11 295 277	11 616 025	1 029 561	354 435	13 000 021
2014	292 253	11 486 415	11 778 668	1 180 117	338 475	13 297 260
CAMPERVANS						
2009	9 595	7 900	17 495	26 557	2 483	46 535
2013	7 106	10 529	17 635	34 164	2 302	54 101
2014	6 563	11 223	17 786	35 814	2 157	55 757
LIGHT COMMERCIAL VEHICLES						
2009	162 723	1 208 755	1 371 478	862 392	137 212	2 371 082
2013	100 970	1 199 520	1 300 490	1 281 381	135 802	2 717 673
2014	90 440	1 176 338	1 266 778	1 426 758	130 516	2 824 052
LIGHT RIGID TRUCKS						
2009	5 946	4 903	10 849	97 974	1 940	110 763
2013	4 072	5 044	9 116	120 044	1 987	131 147
2014	3 655	4 955	8 610	125 148	1 900	135 658
HEAVY RIGID TRUCKS						
2009	18 932	4 393	23 325	285 972	1 642	310 939
2013	13 141	4 031	17 172	307 340	1 486	325 998
2014	11 864	3 893	15 757	312 297	1 410	329 464
ARTICULATED TRUCKS						
2009	461	1 165	1 626	79 477	114	81 217
2013	332	1 000	1 332	89 416	156	90 904
2014	294	968	1 262	92 435	156	93 853
NON-FREIGHT CARRYING VEHICLES						
2009	2 034	1 946	3 980	17 721	598	22 299
2013	1 432	1 727	3 159	19 338	489	22 986
2014	1 316	1 686	3 002	19 680	462	23 144
BUSES						
2009	1 210	15 753	16 963	64 053	3 397	84 413
2013	651	17 151	17 802	71 081	4 151	93 034
2014	554	17 134	17 688	72 292	4 151	94 131
MOTOR CYCLES (d)						
2009	58 303	565 633	623 936	3	151	624 090
2013	47 490	697 028	744 518	na	214	744 732
2014	46 391	733 591	779 982	—	192	780 174

— nil or rounded to zero (including null cells)
na not available
(a) Type of fuel recorded by the motor registry.
(b) Refer to Glossary for definition of vehicle types.
(c) Other fuel types includes LPG, dual fuel and electric.
(d) Other includes diesel.

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MOTOR VEHICLES ON REGISTER, Type of Fuel (a), by Type of Vehicle(a)(b)—Census years

continued

	PETROL					All fuel types
	Leaded	Unleaded	Petrol	Diesel	Other(c)	
TOTAL MOTOR VEHICLES						
2009	783 263	12 386 152	13 169 415	2 013 837	491 184	15 674 436
2013	495 942	13 231 307	13 727 249	2 952 325	501 022	17 180 596
2014	453 330	13 436 203	13 889 533	3 264 541	479 419	17 633 493

- (a) Type of fuel recorded by the motor registry.
- (b) Refer to Glossary for definition of vehicle types.
- (c) Other fuel types includes LPG, dual fuel and electric.

MOTOR VEHICLES ON REGISTER, Type of fuel(a)—by State/Territory: Census years

	PETROL					All fuel types
	Leaded	Unleaded	Petrol	Diesel	Other(b)	
NEW SOUTH WALES						
2009	164 932	3 783 241	3 948 173	507 566	111 647	4 567 386
2013	105 828	3 995 604	4 101 432	756 836	126 289	4 984 557
2014	97 381	4 040 342	4 137 723	843 083	121 546	5 102 352
VICTORIA						
2009	226 647	3 134 122	3 360 769	412 248	237 259	4 010 276
2013	136 399	3 376 159	3 512 558	636 694	234 382	4 383 634
2014	119 071	3 432 621	3 551 692	709 404	222 002	4 483 098
QUEENSLAND						
2009	156 101	2 528 772	2 684 873	543 821	54 549	3 283 243
2013	97 056	2 675 106	2 772 162	775 091	58 868	3 606 121
2014	90 241	2 707 370	2 797 611	849 537	58 252	3 705 400
SOUTH AUSTRALIA						
2009	84 988	988 620	1 073 608	123 374	11 944	1 208 926
2013	51 502	1 049 911	1 101 413	185 135	11 856	1 298 404
2014	47 113	1 063 259	1 110 372	204 270	11 590	1 326 232
WESTERN AUSTRALIA						
2009	100 832	1 348 885	1 449 717	314 436	64 193	1 828 346
2013	73 050	1 479 598	1 552 648	437 878	57 862	2 048 388
2014	70 451	1 534 035	1 604 486	482 908	54 913	2 142 307
TASMANIA						
2009	35 720	300 183	335 903	60 584	4 029	400 516
2013	23 985	326 619	350 604	82 425	3 970	436 999
2014	21 828	328 178	350 006	89 029	3 540	442 575
NORTHERN TERRITORY						
2009	3 815	87 460	91 275	36 297	1 186	128 758
2013	2 234	96 645	98 879	48 453	1 237	148 569
2014	1 910	97 153	99 063	51 985	1 129	152 177
AUSTRALIAN CAPITAL TERRITORY						
2009	10 228	214 869	225 097	15 511	6 377	246 985
2013	5 888	231 665	237 553	29 815	6 556	273 924
2014	5 335	233 245	238 580	34 325	6 447	279 352
AUSTRALIA						
2009	783 263	12 386 152	13 169 415	2 013 837	491 184	15 674 436
2013	495 942	13 231 307	13 727 249	2 952 327	501 020	17 180 596
2014	453 330	13 436 203	13 889 533	3 264 541	479 419	17 633 493

(a) Relates to the type of fuel recorded by the motor vehicle registry.

(b) Other fuel types include LPG, dual fuel and electric

PASSENGER VEHICLES ON REGISTER, Top 30 Makes—Census years

	2009	2013(a)	2014	Change 09/14	Change 13/14
	no.	no.	no.	%	%
Toyota	2 373 418	2 606 749	2 672 459	12.6	2.5
Holden	2 061 894	2 027 034	1 995 255	-3.2	-1.6
Ford	1 743 355	1 555 842	1 496 369	-14.2	-3.8
Mazda	661 922	873 804	936 044	41.4	7.1
Mitsubishi	948 469	887 685	873 989	-7.9	-1.5
Hyundai	621 009	787 486	844 853	36.0	7.3
Nissan	743 103	766 238	787 018	5.9	2.7
Honda	542 582	624 139	645 369	18.9	3.4
Subaru	419 614	522 540	548 698	30.8	5.0
Volkswagen	170 124	295 192	334 416	96.6	13.3
BMW	223 286	278 139	293 845	31.6	5.6
Mercedes Benz	206 260	251 450	268 465	30.2	6.8
Kia	158 239	233 425	256 268	61.9	9.8
Suzuki	181 438	238 842	251 639	38.7	5.4
Audi	61 881	107 176	122 226	97.5	14.0
Jeep	65 713	93 919	113 200	72.3	20.5
Peugeot	78 065	87 772	89 033	14.0	1.4
Lexus	55 614	75 754	81 653	46.8	7.8
Volvo	75 242	77 695	78 411	4.2	0.9
Land Rover	62 526	64 553	68 829	10.1	6.6
Daihatsu	108 013	69 530	60 418	-44.1	-13.1
Daewoo	114 186	71 645	58 824	-48.5	-17.9
Chrysler	44 978	41 913	43 019	-4.4	2.6
Renault	23 085	29 513	33 270	44.1	12.7
Saab	41 132	32 553	29 818	-27.5	-8.4
Jaguar	26 297	26 389	26 603	1.2	0.8
Porsche	20 124	24 418	26 051	29.5	6.7
Alfa Romeo	22 627	22 928	24 129	6.6	5.2
Citroen	20 396	23 406	23 430	14.9	0.1
Other	148 507	202 292	213 659	43.9	5.6
Total	12 023 099	13 000 021	13 297 260	10.6	2.3

(a) See Technical Note Count of Passenger vehicles by make.

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
NEW SOUTH WALES						
2009	36 810	21 537	25 259	15 085	20 175	118 866
2013	41 929	21 062	26 926	15 112	22 707	127 736
2014	43 412	20 905	27 290	15 307	23 471	130 385
VICTORIA						
2009	23 355	18 328	22 644	15 618	18 998	98 943
2013	29 411	18 331	22 745	15 689	21 725	107 901
2014	29 910	17 945	22 752	15 518	22 161	108 286
QUEENSLAND						
2009	28 930	14 535	19 220	16 219	19 830	98 734
2013	33 424	14 257	19 527	16 004	21 578	104 790
2014	34 432	14 428	19 557	16 113	22 264	106 794
SOUTH AUSTRALIA						
2009	5 747	5 109	6 876	4 788	5 822	28 342
2013	6 645	4 972	6 904	4 873	6 577	29 971
2014	6 898	4 850	6 839	4 872	6 573	30 032
WESTERN AUSTRALIA						
2009	11 984	11 505	11 613	10 927	13 295	59 324
2013	15 322	12 690	12 315	11 328	15 885	67 540
2014	16 427	13 013	12 633	11 525	16 568	70 166
TASMANIA						
2009	2 538	2 459	1 967	1 601	2 144	10 709
2013	2 898	2 695	2 209	1 581	2 235	11 618
2014	3 034	2 647	2 244	1 559	2 248	11 732
NORTHERN TERRITORY						
2009	686	1 334	900	753	700	4 373
2013	609	1 452	1 095	826	986	4 968
2014	601	1 449	1 111	826	1 092	5 079
AUSTRALIAN CAPITAL TERRITORY						
2009	713	437	531	300	430	2 411
2013	909	424	523	297	468	2 621
2014	944	406	510	298	490	2 648
AUSTRALIA						
2009	110 763	75 244	89 010	65 291	81 394	421 702
2013	131 147	75 883	92 244	65 710	92 161	457 145
2014	135 658	75 643	92 936	66 018	94 867	465 122

GCM (TONNES)						
	Over 3 to 20	Over 20 to 40	Over 40 to 60	Over 60 to 100	Greater than 100	Total
NEW SOUTH WALES						
2009	48	1 110	5 682	9 472	581	16 893
2013	49	1 059	5 875	11 636	886	19 505
2014	62	983	5 672	12 154	1 035	19 906
VICTORIA						
2009	388	2 968	8 340	12 366	7	24 069
2013	417	2 409	8 767	13 963	4	25 560
2014	457	2 289	8 648	14 709	4	26 107
QUEENSLAND						
2009	42	1 200	5 377	9 044	2 757	18 420
2013	42	1 006	5 150	10 723	3 799	20 720
2014	40	963	5 030	11 177	4 286	21 496
SOUTH AUSTRALIA						
2009	28	531	3 159	2 858	471	7 047
2013	23	450	3 404	3 339	772	7 988
2014	24	438	3 436	3 536	892	8 326
WESTERN AUSTRALIA						
2009	83	1 185	10 496	144	36	11 944
2013	66	971	12 952	210	27	14 226
2014	70	929	13 781	248	26	15 054
TASMANIA (a)						
2009	180	85	482	930	2	1 679
2013	na	338	465	760	na	1 563
2014	na	309	455	820	na	1 584
NORTHERN TERRITORY						
2009	2	39	129	198	581	949
2013	5	26	132	248	770	1 181
2014	3	27	125	268	810	1 233
AUSTRALIAN CAPITAL TERRITORY (a)						
2009	—	23	102	91	—	216
2013	na	15	60	86	na	161
2014	na	14	53	80	na	147
AUSTRALIA						
2009	771	7 141	33 767	35 103	4 435	81 217
2013	885	5 991	36 805	40 963	6 260	90 904
2014	907	5 701	37 200	42 983	7 062	93 853

— nil or rounded to zero (including null cells)

na not available

(a) In 2013, Over 20 to 40 includes Over 3 to 20 and Over 60 to 100 includes Greater than 100.

MOTOR VEHICLES ON REGISTER, Type of vehicle(a)—Year of manufacture

	<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									
To 1998(b)	703 276	709 358	490 220	269 626	304 942	93 938	15 385	39 592	2 626 337
1999 - 2003	867 128	777 464	541 344	235 055	302 325	68 459	17 688	51 312	2 860 775
2004 - 2008	1 129 988	959 600	769 289	273 411	465 837	77 188	26 478	69 197	3 770 988
2009 - 2014(c)	1 253 263	1 073 069	813 795	257 960	466 166	68 970	32 599	73 338	4 039 160
Total	3 953 655	3 519 491	2 614 648	1 036 052	1 539 270	308 555	92 150	233 439	13 297 260
CAMPERVANS									
To 1998(b)	5 310	5 653	5 387	2 616	5 244	2 900	141	225	27 476
1999 - 2003	2 558	1 687	1 681	517	1 060	569	38	59	8 169
2004 - 2008	2 468	1 960	2 947	531	1 340	738	42	91	10 117
2009 - 2014(c)	2 202	3 060	3 296	388	614	367	13	55	9 995
Total	12 538	12 360	13 311	4 052	8 258	4 574	234	430	55 757
LIGHT COMMERCIAL VEHICLES									
To 1998(b)	163 510	148 078	163 326	49 409	86 246	33 885	7 484	5 166	657 104
1999 - 2003	141 199	118 526	123 410	35 458	56 574	17 608	6 667	5 140	504 582
2004 - 2008	202 062	166 609	215 852	50 384	106 914	23 238	12 812	8 102	785 973
2009 - 2014(c)	240 509	183 366	237 966	52 945	116 485	19 706	15 360	10 056	876 393
Total	747 280	616 579	740 554	188 196	366 219	94 437	42 323	28 464	2 824 052
LIGHT RIGID TRUCKS									
To 1998(b)	10 892	7 429	8 235	1 789	3 977	1 204	183	195	33 904
1999 - 2003	8 120	5 508	6 075	1 221	2 330	578	137	161	24 130
2004 - 2008	11 966	8 956	10 818	2 022	4 810	656	199	326	39 753
2009 - 2014(c)	12 434	8 017	9 304	1 866	5 310	596	82	262	37 871
Total	43 412	29 910	34 432	6 898	16 427	3 034	601	944	135 658
HEAVY RIGID TRUCKS									
To 1998(b)	35 123	37 338	28 037	11 122	25 198	4 637	1 616	453	143 524
1999 - 2003	14 300	11 367	10 022	3 129	5 829	1 084	675	285	46 691
2004 - 2008	21 515	16 479	19 597	5 101	12 142	1 759	1 232	542	78 367
2009 - 2014(c)	16 035	13 192	14 706	3 782	10 570	1 218	955	424	60 882
Total	86 973	78 376	72 362	23 134	53 739	8 698	4 478	1 704	329 464
ARTICULATED TRUCKS									
To 1998(b)	5 286	7 923	5 504	2 379	4 335	390	373	27	26 217
1999 - 2003	3 178	3 852	3 247	1 271	2 237	253	206	24	14 268
2004 - 2008	5 988	7 393	6 573	2 391	4 676	575	336	64	27 996
2009 - 2014(c)	5 454	6 939	6 172	2 285	3 806	366	318	32	25 372
Total	19 906	26 107	21 496	8 326	15 054	1 584	1 233	147	93 853
NON-FREIGHT CARRYING VEHICLES									
To 1998(b)	1 090	2 859	1 405	802	2 043	446	132	18	8 795
1999 - 2003	694	1 085	878	267	728	131	48	10	3 841
2004 - 2008	844	1 412	1 618	364	1 248	240	83	35	5 844
2009 - 2014(c)	303	960	1 676	429	1 004	151	81	60	4 664
Total	2 931	6 316	5 577	1 862	5 023	968	344	123	23 144

(a) Refer to Glossary for definition of vehicle types.

(c) For 2014, only includes vehicles manufactured in the first month.

(b) Includes not stated year of manufacture.

MOTOR VEHICLES ON REGISTER, Type of vehicle(a)—Year of manufacture *continued*

	<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.
BUSES									
To 1998(b)	7 851	6 406	5 430	1 748	4 269	1 287	803	362	28 156
1999 - 2003	4 400	3 822	3 462	962	2 471	404	586	109	16 216
2004 - 2008	5 915	4 584	6 317	1 236	3 649	503	1 056	264	23 524
2009 - 2014(c)	6 451	4 811	6 128	1 676	4 933	473	1 437	326	26 235
Total	24 617	19 623	21 337	5 622	15 322	2 667	3 882	1 061	94 131
MOTOR CYCLES									
To 1998(b)	34 885	32 344	33 321	11 360	26 035	4 438	801	2 130	145 314
1999 - 2003	28 988	29 409	24 012	6 732	12 877	2 743	690	1 869	107 320
2004 - 2008	67 176	56 592	63 555	17 319	39 223	5 791	2 260	4 420	256 336
2009 - 2014(c)	79 991	55 991	60 795	16 679	44 860	5 086	3 181	4 621	271 204
Total	211 040	174 336	181 683	52 090	122 995	18 058	6 932	13 040	780 174
TOTAL MOTOR VEHICLES									
To 1998(b)	967 223	957 388	740 865	350 851	462 289	143 125	26 918	48 168	3 696 827
1999 - 2003	1 070 565	952 720	714 131	284 612	386 431	91 829	26 735	58 969	3 585 992
2004 - 2008	1 447 922	1 223 585	1 096 566	352 759	639 839	110 688	44 498	83 041	4 998 898
2009 - 2014(c)	1 616 642	1 349 405	1 153 838	338 010	653 748	96 933	54 026	89 174	5 351 776
Total	5 102 352	4 483 098	3 705 400	1 326 232	2 142 307	442 575	152 177	279 352	17 633 493

(a) Refer to Glossary for definition of vehicle types.

(c) For 2014, only includes vehicles manufactured in the first month.

(b) Includes not stated year of manufacture.

EXPLANATORY NOTES

MOTOR VEHICLE CENSUS

- 1** This publication presents statistics relating to vehicles which were registered with a motor vehicle registration authority (MVR) at 31 January 2014.
- 2** Motor Vehicle Censuses (MVC) have been conducted periodically from 1971 on each of the following dates:
- 3** 31st January for the years 2014, 2013, 2012 and 2011.
- 4** 31st March for the years 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002 and 2001.
- 5** 31st October for the years 1999, 1998, 1997 and 1996.
- 6** 30th May for the year 1995.
- 7** 30th June for the year 1993.
- 8** 30th September for the years 1991, 1988, 1985, 1982, 1979, 1976 and 1971.

SCOPE AND COVERAGE

- 9** The 2014 MVC includes all motor vehicles that are registered with an Australian state or territory motor vehicle authority for unrestricted use on public roads as at the census date, 31 January.
- 10** The scope of the MVC excludes:
 - recreational vehicles such as trail bikes, quad bikes, and sand dune buggies intended for off-road use;
 - veteran and vintage vehicles registered for restricted use only;
 - consular vehicles; and
 - vehicles registered by the defence forces.
- 11** Data provided to the ABS includes road-registered caravans, trailers, tractors, plant and equipment. These particular vehicle types are out of scope and hence are not included in the Motor Vehicle Census publication. From 2013, data for road registered caravans, trailers, tractors, plant and equipment are available in TableBuilder product 9309.0.55.003 Microdata: Census of Motor Vehicles, Australia.
- 12** Coverage currently extends to data collected by all eight Australian states and territories.
- 13** Vehicles whose registration has lapsed up to 30 days prior to the MVC snapshot date are deemed to be in scope. This is because payments may be processed by motor vehicle registries within this time and the vehicle treated as being continuously registered.
- 14** In Victoria and Queensland, recreational vehicles such as trail bikes, quad bikes, and sand dune buggies are required to be registered. These are included in the MVC as these vehicles are not able to be discretely identified and removed. In these states, trail bikes are included in motor cycles while other off-road vehicles could be included in various vehicle types depending on how the MVR coded the body type.
- 15** Veteran and vintage vehicles with restricted use are included in the count of registered vehicles for New South Wales as there are no distinguishing identifiers in the data supplied by the MVR to enable them to be extracted from the count. Where possible, data on most Victorian veteran and vintage vehicles are excluded from the files loaded by the ABS.
- 16** 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.

EXPLANATORY NOTES *continued*

ATTRITION

17 The estimated proportion of motor vehicles, excluding motor cycles, 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 Motor Vehicle Census and New Motor Vehicle Sales data. Motor cycles are excluded from the attrition rate calculation as they are not included in New Motor Vehicle Sales data.

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

	<i>BETWEEN 2009 AND 2010</i>		<i>BETWEEN 2010 AND 2011</i>		<i>BETWEEN 2011 AND 2012</i>		<i>BETWEEN 2012 AND 2013</i>		<i>BETWEEN 2013 AND 2014</i>	
	no.	%								
NSW	197 826	4.2	171 296	3.6	230 825	4.7	240 228	4.8	245 411	4.8
Vic.	165 499	4.0	152 483	3.6	184 384	4.3	203 361	4.6	211 474	4.7
Qld	135 271	4.1	127 418	3.8	130 856	3.8	131 452	3.7	141 298	3.9
SA	35 204	2.9	33 639	2.7	50 430	3.9	47 901	3.7	43 232	3.3
WA	68 840	3.7	61 357	3.3	53 003	2.8	65 214	3.3	39 229	1.9
Tas.	9 661	2.4	7 927	1.9	4 880	1.2	13 379	3.1	14 487	3.3
NT	4 034	3.0	6 042	4.4	6 263	4.4	4 596	3.1	8 064	5.3
ACT	9 206	3.7	8 567	3.4	8 232	3.1	11 040	4.1	12 432	4.5
Aust.	625 541	3.9	568 729	3.5	668 873	4.0	717 171	4.2	715 627	4.1

(a) These estimates exclude motor cycles. For more details on calculation of attrition rate refer to Glossary.

METHODOLOGY

18 The 2014 Motor Vehicle Census is a count of all in-scope vehicles registered with a state or territory motor vehicle registration authority (MVR) at 31 January 2014. All records are compared to previous MVC data for vehicles that match (on-going registrations) and details are updated for these vehicles where applicable.

19 The unmatched records (new vehicle registrations) undergo editing of individual data items. The editing of on-going registrations is limited as these records have been edited in previous years. Aggregate data is checked across time, states and vehicle types to ensure coherency.

DATA QUALITY

20 The primary use of the MVC is as a frame for the Survey of Motor Vehicle Use (SMVU). Editing of the data is designed to maximise data quality to the level required for the SMVU. The size of the fleet (over 17 million vehicles) dictates that quality assurance of each record is not possible. Therefore, while the data are made available at a detailed level, the ABS is unable to guarantee that it is necessarily sufficient for all purposes for which it may be used. There is also some variation in the reporting from different state and territory registries and care should be taken when comparing data across jurisdictions.

21 The information provided to the ABS and included in the estimates for any month may be revised or corrected in later months. Where corrections are made to original data they will be identified by the annotation (r) revised.

EXPLANATORY NOTES *continued*

STATISTICAL GEOGRAPHY

22 Geographic data available from the MVC are postcode of owner and state or territory of registration.

23 If analysis of regional data based on postcodes is being undertaken, the following considerations need to be taken into account:

- there are some instances where the postcode of the vehicle's owner is in a different state or territory from that in which the vehicle is registered. For example, the postcode of the owner of the vehicle could be in Sydney, yet the vehicle could be registered in Queensland;
- some official postcodes (PO boxes, competition postcodes) do not correspond to residential areas;
- some postcodes could be invalid.

ACKNOWLEDGEMENT

24 This publication draws extensively on information provided freely by the state and territory motor vehicle registration authorities. Their continued cooperation is very much appreciated. Without it, many of the transport statistics published by the ABS would not be available.

RELATED PUBLICATIONS AND PRODUCTS

25 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) (issued monthly)
- Survey of Motor Vehicle Use, Australia (cat. no. 9208.0)
- Microdata: Census of Motor Vehicles, Australia (cat. no. 9309.0.55.003)

ABS DATA AVAILABLE ON REQUEST

26 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.

TECHNICAL NOTE COUNTS OF PASSENGER VEHICLES BY MAKE

INTRODUCTION

1 Significant improvements continued to be made during the 2014 MVC to the translation of Motor Vehicle Registry (MVR) makes and models.

ISSUE

2 MVRs use different means of coding vehicle makes and models. The ABS uses a system to translate these to consistent make and model identifiers. This translation has been significantly improved since the 2012 MVC, in particular for vehicles which had previously been translated as "Unknown Models" of their respective make. Improvements have also been made to the quality of the model information. This was achieved by streamlining the available ABS model designations from those records that had a descriptive model name (eg 'VE Calais' or 'Falcon EB') to a basic description (eg 'Commodore' or 'Falcon').

IMPACT

3 The majority of impacts have been at the model level. There has been minimal impact on counts for makes.

4 The remediation of the ABS model designations has made the extraction of model data simpler and more efficient.

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> $\left[1 - \left\{T_2 / (T_1 + N_1)\right\}^{12/M}\right] \times 100$ <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 in different months. Although the Motor Vehicle Census has been taken on different dates, it has always been taken on the last day of the month. These formulae also assume that vehicles are manufactured at a constant rate over the year, or one month period for the current year.</p> <p>For vehicles manufactured in the current year: Vehicle age = snapshot month/24</p> <p>For vehicles manufactured in previous years: Vehicle age = snapshot year - Year of manufacture + (snapshot 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 an unknown year of manufacture are excluded from calculations of average age.</p>
Average annual growth rate	<p>A measure of the percentage change in a variable between one time period and another at an annual rate. This measure allows for the compounding of an increase or decrease over time. Thus an annual percentage increase of 10.0% results in a figure increasing by 21.0% over two years. The formula for calculating annual percentage change is :</p> $\left[(T_2/T_1)^{(12/M)} - 1\right] \times 100$ <p>where T₁ is the value of the data item at the first time point, T₂ is the value at the second time point, and M is the number of months between the two time points. The change to snapshot date must be taken into consideration when comparing data before and after the 2011 Motor Vehicle Census (March 31 snapshot date before 2011; January 31 snapshot date for 2011 onwards).</p>
Buses	Motor vehicles constructed for the carriage of passengers. This category includes 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. This includes motor homes and powered caravans.

GLOSSARY *continued*

Estimated Resident Population (ERP)	The official measure of the population of Australia is based on the concept of residence. It refers to all people, regardless of nationality or citizenship, who usually live in Australia, with the exception of foreign diplomatic personnel and their families. It includes usual residents who are overseas for less than 12 months. It excludes overseas visitors who are in Australia less than 12 months.
Fuel	The type of fuel is as reported to the registering authority and includes leaded petrol, unleaded petrol, diesel, LPG/other gases, dual fuel and other (which includes electric).
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 vehicles such as articulated trucks used for towing trailers.
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. This includes 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).
Motor cycles	Two and three wheeled motor vehicles constructed primarily for the carriage of one or two persons. This category includes two and three wheeled mopeds, scooters, motor tricycles and motor cycles with sidecars.
Non-freight carrying vehicles	Specialist motor vehicles or motor vehicles fitted with special purpose equipment, and having little or no load 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). This category includes cars, station wagons, four-wheel drive passenger vehicles and forward-control passenger vehicles. Campervans are excluded.
Rigid trucks	Motor vehicles of GVM greater than 3.5 tonnes, constructed with a load carrying area. This includes 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 of the motor registry at which a vehicle is registered.

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