



September 1994
Motor Vehicle Registrations
Australia

Catalogue No. 9303.0

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**MOTOR VEHICLE REGISTRATIONS
AUSTRALIA
September 1994**

**IAN CASTLES
Australian Statistician**

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 9303.0

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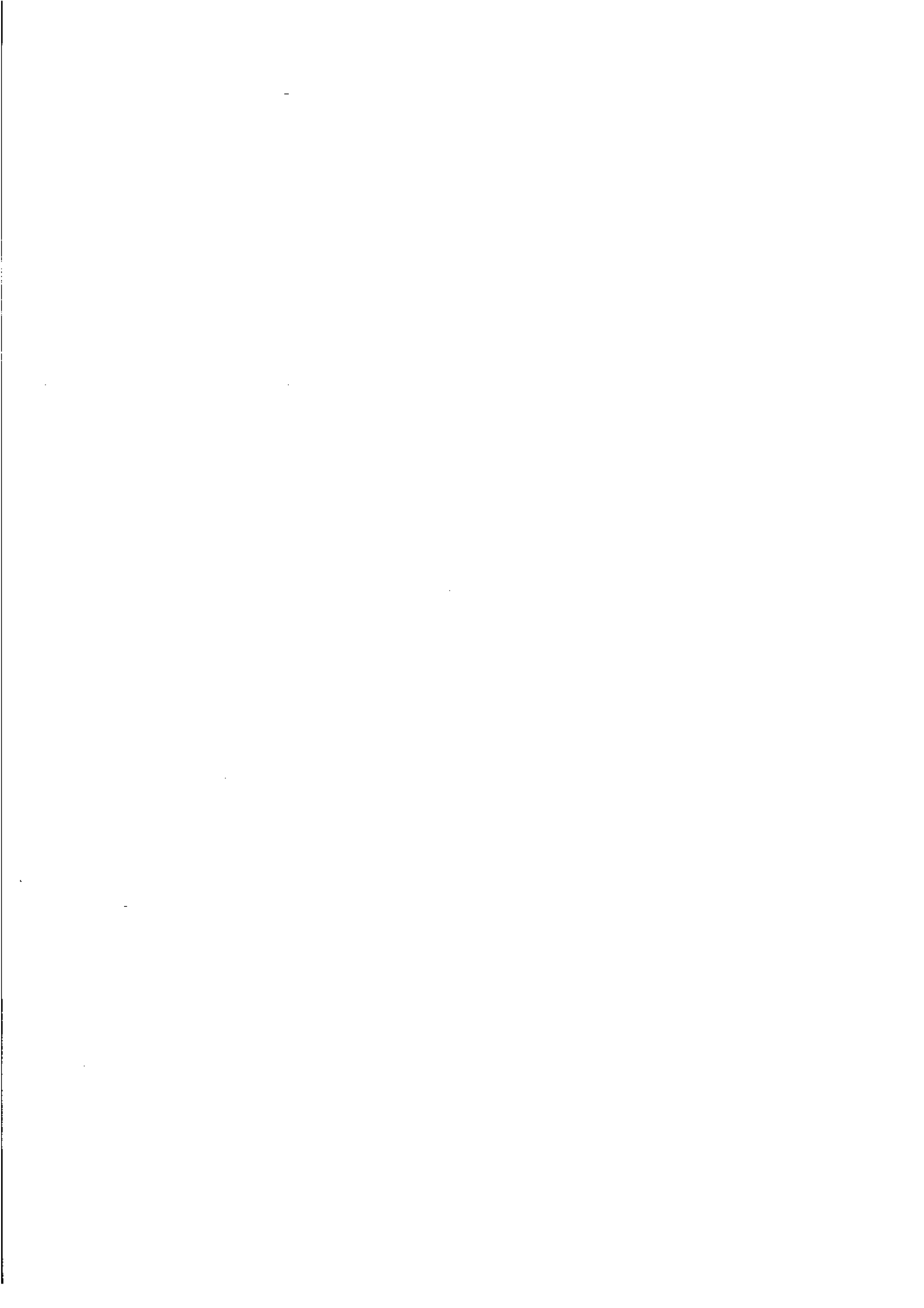
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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Kevin Yeadon on Canberra (06) 252 6255 or any ABS State office.*
 - *for information about other ABS statistics and services please refer to the back page of this publication.*
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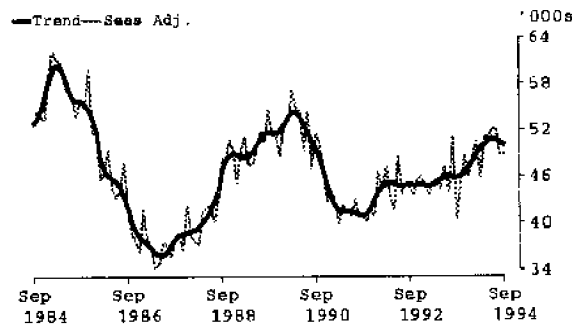
SUMMARY OF FINDINGS

Registrations for the month of September 1994.

The original, seasonally adjusted and trend estimates of total new motor vehicle registrations for September 1993, August and September 1994 are:

	September 1993	August 1994	September 1994	Sept. 93-Sept. 94 % change	Aug. 94-Sept. 94 % change
Original	42,545	52,928	50,438	18.6	-4.7
Seasonally adjusted	40,447	48,793	49,056	21.3	0.5
Trend	45,790	50,498	50,268	9.8	-0.5

TOTAL NEW MOTOR VEHICLE REGISTRATIONS



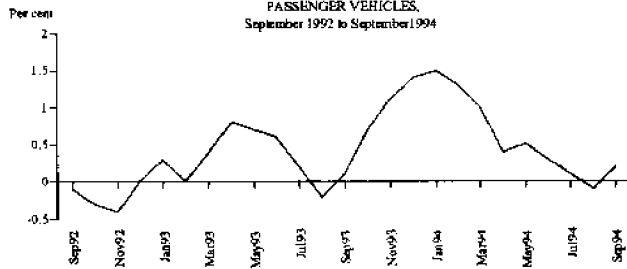
A break in series occurred in December 1990 — see paragraph 2 of Explanatory Notes.

The trend for total new registrations has fallen marginally in each of the last three months following sustained rises since September 1993. The trend for passenger vehicles has been essentially flat in recent months, whereas the trend for other vehicles has been falling since the June 1994 peak.

There was a marginal decline in seasonally adjusted passenger vehicle registrations in September 1994 compared with August. This fall was more than offset by a rise in other vehicles to show a small increase in total vehicles for September 1994. The seasonally adjusted estimate of other vehicle registrations is 20.2 per cent higher than for September 1993.

On the unadjusted basis, total new motor vehicle registrations fell by 4.7 per cent to 50,438 vehicles, from August 1994. This fall was reflected by the majority of States and Territories, with the Australian Capital Territory showing the largest fall of 12.9 per cent (to 934 vehicles); New South Wales fell 9.1 per cent (to 18,124 vehicles); Victoria fell 7.2 per cent (to 11,489 vehicles); Tasmania fell 6.3 per cent (to 1,247 vehicles) and Western Australia remained steady with 5,245 vehicles. South Australia recorded the largest rise of 7.0 per cent (to 3,619 vehicles) while the Northern Territory rose 6.6 per cent (to 550 vehicles) and Queensland rose 2.2 per cent (to 9,230 vehicles).

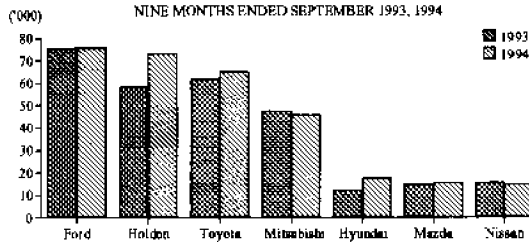
CHART 2. PERCENTAGE MOVEMENTS IN THE TREND SERIES,
PASSENGER VEHICLES,
September 1992 to September 1994



Monthly movements in the trend of passenger vehicle registrations have stayed in the range of -0.5 to 1.5 per cent over the last two years. The rate of increase peaked at 1.5 per cent in January 1994.

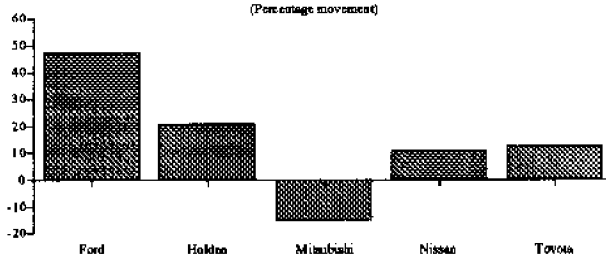
Registrations for new passenger vehicles for the nine months ended September 1994 totalled 367,224 vehicles. This is 9.2 per cent higher than for the same period ended September 1993, when 336,338 new vehicles were registered.

CHART 3. TOP SEVEN PASSENGER VEHICLE MANUFACTURERS,
NINE MONTHS ENDED SEPTEMBER 1993, 1994



Registrations of five of the top seven passenger vehicle manufacturers rose in the nine months to September 1994 compared to the same period in 1993. Registrations of new Mitsubishi's fell by 1,627 vehicles (down 3.4%) while Nissan fell by 840 vehicles (down 5.5%). Hyundai recorded the largest increase over the same period last year with 5,555 vehicles (up 47.7%). Holden followed with 14,746 vehicles (up 25.3%); Toyota with 3,365 vehicles (up 5.5%) and Mazda with 619 vehicles (up 4.2%). Ford rose marginally by 544 vehicles.

CHART 4. TOP FIVE LIGHT COMMERCIAL VEHICLE MANUFACTURERS,
NINE MONTHS ENDED SEPTEMBER 1993, 1994
(Percentage movement)



Registrations of light commercial vehicles totalled 64,360 for the nine months ended September 1994, an increase of 15.6 per cent over the nine months to September 1993 when 55,693 vehicles were registered. For the same period in 1992, 54,525 vehicles were registered. The top five makes (Ford, Holden, Mitsubishi, Nissan and Toyota) accounted for 89.2 per cent, (or 57,408 vehicles) of all new light commercial vehicle registrations for the nine months ended September 1994. In percentage terms, Ford experienced the largest increase with 3,859 vehicles registered (up 47.4% on the previous year), followed by Holden with 1,832 vehicles (up 21.2%), Toyota with 2,522 vehicles (up 12.2%) and Nissan with 455 vehicles (up 10.7%). In contrast, Mitsubishi was the only one of the top five makes to record a decline in registrations with fall of 1,261 vehicles, down 15.1 per cent.

**TABLE 1. NEW MOTOR VEHICLES BY TYPE OF VEHICLE,
ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE, AUSTRALIA**

Period	Passenger vehicles(a)			Other vehicles(b)			Total(b)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
<i>1993-94 —</i>									
July	37,719	36,722	38,246	7,719	7,289	7,670	45,438	44,011	45,916
August	45,125	43,619	38,179	7,326	7,534	7,601	52,451	51,153	45,781
September	35,681	33,575	38,236	6,864	6,872	7,555	42,545	40,447	45,790
October	37,162	37,929	38,487	7,524	7,528	7,544	44,686	45,457	46,031
November	41,662	40,637	38,908	8,446	8,176	7,583	50,108	48,813	46,492
December	40,746	37,871	39,458	7,791	7,983	7,668	48,537	45,854	47,125
January	30,967	41,163	40,044	5,695	7,599	7,831	36,662	48,762	47,875
February	38,859	42,736	40,570	7,088	7,552	8,116	45,947	50,487	48,687
March	43,715	37,938	40,975	8,971	7,816	8,537	52,686	45,754	49,512
April	36,003	41,682	41,158	8,052	9,381	8,963	44,055	51,063	50,122
May	43,102	41,704	41,369	10,096	9,309	9,273	53,198	51,013	50,641
June	45,240	41,482	41,486	12,713	10,656	9,358	57,953	52,138	50,844
<i>1994-95 —</i>									
July	42,280	42,657	41,537	9,649	9,371	9,234	51,929	52,028	50,772
August	44,684	40,840	41,504	8,244	7,954	8,994	52,928	48,793	50,498
September	42,374	40,799	41,571	8,064	8,257	8,697	50,438	49,056	50,268

(a) See paragraph 11 of the Explanatory Notes. (b) Excludes motor cycles, plant and equipment, caravans and trailers.

TABLE 2. NEW MOTOR VEHICLES BY TYPE OF VEHICLE, AUSTRALIA

Period	Passenger vehicles(a)	Light commercial vehicles(a)	Trucks			Buses	Total (excludes motor cycles)	Motor cycles
			Rigid	Articulated	Non-freight carrying			
1991-92	437,024	67,857	9,923	1,742	785	3,855	521,185	16,675
1992-93	449,777	74,816	9,776	2,199	707	4,230	541,505	17,513
1993-94	475,981	80,718	9,811	3,146	796	3,814	574,266	17,425
<i>1993-94 —</i>								
July	37,719	6,275	809	206	87	342	45,438	1,250
August	45,125	5,868	802	237	99	320	52,451	1,417
September	35,681	5,558	771	222	63	250	42,545	1,353
October	37,162	6,094	823	262	64	281	44,686	1,323
November	41,662	6,948	811	302	78	307	50,108	1,811
December	40,746	6,309	851	255	70	306	48,537	1,543
January	30,967	4,686	508	176	23	302	36,662	1,481
February	38,859	5,813	710	214	43	308	45,947	1,613
March	43,715	7,432	882	265	49	343	52,686	1,614
April	36,003	6,794	676	256	50	276	44,055	1,285
May	43,102	8,424	946	323	66	337	53,198	1,315
June	45,240	10,518	1,221	428	104	442	57,953	1,420
<i>1994-95 —</i>								
July	42,280	7,776	1,078	396	55	344	51,929	1,332
August	44,684	6,528	973	376	68	299	52,928	1,569
September	42,374	6,390	877	384	94	319	50,438	1,677

(a) See paragraphs 11 and 12 of the Explanatory Notes.

TABLE 3. NEW MOTOR VEHICLES(a), ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE

Period	NSW			Vic.			Qld		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1993-94 —									
July	15,148	14,696	15,611	10,784	10,230	10,428	9,123	8,760	9,089
August	18,495	17,972	15,603	11,622	11,085	10,418	10,169	10,434	9,022
September	14,303	13,993	15,743	9,894	9,436	10,467	7,921	7,114	8,933
October	14,487	15,201	15,984	10,629	10,698	10,627	9,397	9,324	8,810
November	18,628	17,506	16,259	11,248	11,242	10,855	8,585	8,971	8,741
December	16,130	16,177	16,531	11,608	10,849	11,062	9,421	8,318	8,854
January	12,896	16,857	16,809	8,173	11,479	11,226	7,373	9,788	9,102
February	16,295	18,040	17,063	10,700	11,449	11,339	8,455	9,415	9,454
March	18,775	15,875	17,290	12,713	11,477	11,412	9,167	7,774	9,850
April	14,642	17,602	17,463	9,885	10,831	11,446	10,447	12,451	10,134
May	19,996	18,031	17,700	11,950	11,470	11,482	10,149	10,212	10,256
June	20,719	18,266	17,922	13,246	12,197	11,485	10,476	9,270	10,153
1994-95 —									
July	17,641	17,815	18,106	11,719	11,354	11,457	11,636	11,534	9,899
August	19,943	18,307	18,242	12,382	11,278	11,402	9,032	8,537	9,574
September	18,124	18,255	18,421	11,489	11,082	11,334	9,230	8,591	9,241
		SA			WA			Tas.	
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate
1993-94 —									
July	3,187	3,164	3,221	4,624	4,617	4,972	992	1,008	1,103
August	3,549	3,347	3,169	5,595	5,438	4,977	1,300	1,365	1,098
September	3,141	2,907	3,108	4,743	4,699	4,962	985	823	1,089
October	3,068	3,009	3,080	4,581	4,608	4,965	1,065	1,117	1,080
November	3,490	3,214	3,090	5,361	5,195	4,986	1,233	1,249	1,067
December	3,172	3,046	3,116	5,470	5,196	5,012	1,333	855	1,045
January	2,239	3,031	3,147	4,078	4,861	5,043	766	1,083	1,023
February	3,187	3,508	3,193	5,016	5,370	5,080	929	1,122	1,010
March	3,645	3,221	3,248	5,702	5,002	5,128	967	900	1,021
April	2,651	2,990	3,298	4,246	4,678	5,166	811	992	1,054
May	3,235	3,269	3,344	5,327	5,441	5,209	1,017	1,084	1,107
June	4,022	3,746	3,372	6,332	5,702	5,239	1,243	1,245	1,155
1994-95 —									
July	3,393	3,514	3,385	4,883	5,140	5,242	1,152	1,207	1,193
August	3,382	3,086	3,379	5,270	4,935	5,220	1,331	1,349	1,216
September	3,619	3,365	3,382	5,245	5,224	5,213	1,247	1,050	1,235
		NT			ACT			Australia	
	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted	Trend estimate
1993-94 —									
July	555	528	507	1,025	1,008	985	45,438	44,011	45,916
August	462	429	497	1,259	1,082	996	52,451	51,153	45,781
September	473	467	488	1,085	1,008	999	42,545	40,447	45,790
October	486	493	482	973	1,008	1,004	44,686	45,457	46,031
November	548	546	481	1,015	889	1,012	50,108	48,813	46,492
December	448	487	487	955	927	1,020	48,537	45,854	47,125
January	299	421	497	838	1,242	1,028	36,662	48,762	47,875
February	434	528	513	931	1,056	1,035	45,947	50,487	48,687
March	586	504	531	1,131	1,000	1,032	52,686	45,754	49,512
April	595	621	548	778	899	1,014	44,055	51,063	50,122
May	562	530	557	962	976	986	53,198	51,013	50,641
June	712	582	557	1,203	1,130	961	57,953	52,138	50,844
1994-95									
July	600	579	551	905	887	940	51,929	52,028	50,772
August	516	442	543	1,072	860	921	52,928	48,793	50,498
September	550	588	538	934	902	903	50,438	49,056	50,268

(a) Excludes motor cycles, plant and equipment, caravans and trailers. (b) See paragraph 18 of the Explanatory Notes.

TABLE 4. REGISTRATIONS OF NEW MOTOR VEHICLES BY TYPE OF VEHICLE, SEPTEMBER 1994

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	15,344	9,972	7,352	3,140	4,317	1,048	380	821	42,374	30,883
Light commercial vehicles	2,183	1,153	1,514	363	773	183	122	99	6,390	3,543
Trucks —										
Rigid	339	194	190	50	75	11	11	7	877	574
Articulated	120	102	93	32	26	3	4	4	384	202
Non-freight carrying	57	8	9	9	10	—	—	1	94	74
Buses	81	60	72	25	44	2	33	2	319	193
Total (excl. motor cycles)	18,124	11,489	9,230	3,619	5,245	1,247	550	934	50,438	35,469
Capital cities(a)	12,843	8,852	5,134	2,928	4,237	541	..	934	35,469	35,469
Other areas	5,281	2,637	4,096	691	1,008	706	550	..	14,969	..
Motor cycles	498	464	314	137	191	30	27	16	1,677	1,045

(a) See paragraph 23 of the Explanatory Notes.

TABLE 5. REGISTRATIONS OF NEW PLANT AND EQUIPMENT, CARAVANS AND TRAILERS, SEPTEMBER 1994

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Plant and equipment(b)	92	56	102	29	98	14	1	2	394	198
Caravans(c)	109	156	99	69	74	2	1	1	511	275
Trailers	1,765	1,258	1,727	735	778	187	94	71	6,615	3,500
Total	1,966	1,470	1,928	833	950	203	96	74	7,520	3,973

(a) See paragraph 23 of the Explanatory Notes. (b) See paragraph 8 of the Explanatory Notes. (c) Excludes self-propelled caravans.

TABLE 6. REGISTRATIONS OF NEW MOTOR VEHICLES BY TYPE OF VEHICLE, THREE MONTHS ENDED SEPTEMBER 1994

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	47,320	30,356	23,295	8,879	12,671	3,081	1,184	2,552	129,338	93,788
Light commercial vehicles	6,554	4,047	5,408	1,189	2,247	567	366	316	20,694	10,849
Trucks —										
Rigid	1,084	644	668	146	272	50	39	25	2,928	1,881
Articulated	366	321	277	99	58	17	11	7	1,156	553
Non-freight carrying	122	23	25	24	17	2	1	3	217	153
Buses	262	199	225	57	133	13	65	8	962	547
Total (excl. motor cycles)										
— 3 months ended September										
1994	55,708	35,590	29,898	10,394	15,398	3,730	1,666	2,911	155,295	107,771
1993	47,946	32,300	27,213	9,877	14,962	3,277	1,490	3,369	140,434	97,844
Capital cities(a)	39,386	27,184	15,848	8,265	12,274	1,903	..	2,911	107,771	107,771
Other areas	16,322	8,406	14,050	2,129	3,124	1,827	1,666	..	47,524	..
Motor cycles										
— 3 months ended September										
1994	1,349	1,193	946	322	521	92	92	63	4,578	2,639
1993	1,202	988	865	348	410	84	73	50	4,020	2,167

(a) See paragraph 23 of the Explanatory Notes.

TABLE 7. REGISTRATION OF NEW PASSENGER VEHICLES BY MAKE OF VEHICLE, AUSTRALIA

<i>Make</i>	<i>July 1994</i>	<i>Aug 1994</i>	<i>Sept. 1994</i>	<i>Sept. 1993</i>
Alfa Romeo		—	—	1
Asia	4	5	3	13
Audi	166	145	157	73
Bentley	1	3	1	
B.M.W.	527	660	610	494
Citroen	1	2	17	5
Daewoo	5	127	599	
Daihatsu	1,003	1,196	995	1,093
Eunos	176	156	129	73
Ferrari	2	3	1	—
Ford	9,348	7,630	9,058	8,254
FSM	—	—	—	1
Holden	9,114	10,357	8,943	7,737
Honda	1,333	1,345	1,191	651
Hyundai	2,005	2,320	1,876	1,096
Jaguar	12	15	8	13
Jeep	121	185	212	—
Lada	21	14	6	23
Land Rover	347	380	312	295
Lexus	54	48	50	79
Lotus	1	—	1	1
Maserati	2	1	5	—
Mazda	1,682	1,914	1,677	1,448
Mercedes-Benz	318	303	252	212
Mitsubishi	4,934	5,290	5,073	4,956
Morgan	—	—	1	—
Nissan	1,450	1,712	1,510	1,338
Oka	—	—	1	—
Peugeot	206	394	257	113
Porsche	20	21	12	10
Range Rover	29	50	21	48
Renault	58	89	63	47
Rolls Royce	—	1	—	1
Saab	226	354	233	132
Subaru	755	640	688	442
Suzuki	879	995	996	470
Toyota	7,149	7,799	7,030	6,315
Volkswagen	76	186	124	45
Volvo	221	291	209	152
Other and unknown	34	53	53	50
Total	42,280	44,684	42,374	35,681

TABLE 8. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES, TRUCKS, AND BUSES BY MAKE OF VEHICLE, AUSTRALIA

Make	July 1994	Aug. 1994	Sept. 1994				Buses	Total
	Total	Total	Light commercial vehicles	Trucks				
				Rigid	Articulated	Non-freight carrying		
Asia	14	19	11	—	—	—	3	14
Chevrolet	—	—	1	—	—	—	—	1
Daihatsu	76	69	29	26	—	—	—	55
Denning	2	—	—	—	—	—	1	1
Ford	1,604	1,528	1,183	66	35	47	—	1,331
Freight Liner	47	32	—	12	16	—	—	28
Hino	133	108	—	95	—	8	10	113
Holden	1,319	1,262	1,284	—	—	1	—	1,285
Hyundai	63	65	41	—	—	—	—	41
International	125	138	—	56	45	—	—	101
Isuzu	288	302	—	247	—	10	—	257
Kenworth	74	70	—	1	82	—	—	83
Land Rover	44	45	39	—	—	—	—	39
Mack	77	72	—	7	55	1	—	63
Man	8	10	—	1	4	1	9	15
Mazda	562	495	347	46	—	3	4	400
MCA	2	4	—	—	—	—	2	2
Mercedes-Benz	37	48	—	15	13	1	38	67
Mitsubishi	1,154	775	607	173	2	3	—	785
Nissan	607	366	334	—	—	—	2	336
Nissan UD	49	43	—	36	7	1	—	44
Oka	8	3	—	4	—	1	3	8
Renault	—	1	—	—	—	—	—	—
Scania	33	43	—	5	27	2	12	46
Subaru	—	1	—	—	—	—	—	—
Suzuki	71	49	57	—	—	—	—	57
Toyota	3,056	2,456	2,347	70	—	12	220	2,649
Volkswagen	80	120	103	—	—	1	—	104
Volvo	50	71	—	16	58	—	11	85
Western Star	52	45	—	1	39	—	—	40
Other and unknown	14	4	7	—	1	2	4	14
Total	9,649	8,244	6,390	877	384	94	319	8,064

TABLE 9. REGISTRATIONS OF NEW PASSENGER VEHICLES BY MAKE OF VEHICLE,
SEPTEMBER 1994

<i>Make</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>	<i>Capital cities (a)</i>
Asia	—	—	2	—	—	—	—	1	3	2
Audi	87	27	14	11	11	3	1	3	157	145
Bentley	—	—	—	—	1	—	—	—	1	1
B.M.W.	250	166	95	28	46	7	4	14	610	500
Citroen	9	3	2	1	—	—	—	2	17	16
Daewoo	245	97	117	45	59	27	3	6	599	409
Daihatsu	463	89	159	54	122	87	7	14	995	699
Eunos	56	40	19	7	4	—	—	3	129	117
Ferrari	1	—	—	—	—	—	—	—	1	1
Ford	3,085	2,460	1,621	663	925	94	43	167	9,058	6,506
Holden	3,214	2,218	1,428	795	824	218	60	186	8,943	6,686
Honda	449	323	171	70	128	22	9	19	1,191	964
Hyundai	666	381	288	97	336	39	29	40	1,876	1,289
Jaguar	4	2	1	—	1	—	—	—	8	8
Jeep	81	44	39	12	32	1	1	2	212	141
Lada	—	—	4	—	1	—	1	—	6	2
Land Rover	90	77	74	19	35	5	8	4	312	174
Lexus	29	9	4	3	5	—	—	—	50	45
Lotus	—	1	—	—	—	—	—	—	1	1
Maserati	3	—	2	—	—	—	—	—	5	5
Mazda	616	403	306	107	148	38	12	47	1,677	1,277
Mercedes-Benz	92	77	35	15	21	1	1	10	252	207
Mitsubishi	1,642	1,174	972	549	471	106	35	124	5,073	3,767
Morgan	—	1	—	—	—	—	—	—	1	1
Nissan	537	372	274	122	135	48	7	15	1,510	1,051
Oka	1	—	—	—	—	—	—	—	1	1
Peugeot	116	75	33	10	8	7	1	7	257	184
Porsche	5	4	2	—	—	1	—	—	12	10
Range Rover	10	8	1	—	2	—	—	—	21	20
Renault	24	14	13	5	5	2	—	—	63	47
Saab	83	95	21	5	16	2	—	11	233	191
Subaru	283	146	96	52	82	13	2	14	688	455
Suzuki	467	115	163	55	167	8	9	12	996	697
Toyota	2,560	1,440	1,359	394	707	311	147	112	7,030	4,937
Volkswagen	73	22	5	11	7	5	—	1	124	108
Volvo	101	40	32	9	17	3	—	7	209	167
Other and unknown	2	49	—	1	1	—	—	—	53	52
Total	15,344	9,972	7,352	3,140	4,317	1,048	380	821	42,374	30,883

(a) See paragraph 23 of the Explanatory Notes.

TABLE 10. REGISTRATIONS OF PASSENGER VEHICLES BY SELECTED
MAKE AND MODEL OF VEHICLE,
SEPTEMBER 1994

<i>Make/Model</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Ford									
Falcon/Fairmont	2,382	2,006	1,240	493	763	65	34	134	7,117
Laser	369	184	177	97	85	13	2	13	940
Telstar	111	109	68	25	9	3	2	4	331
Other	223	161	136	48	68	13	5	16	670
Total	3,085	2,460	1,621	663	925	94	43	167	9,058
Holden									
Commodore/Calais	2,479	1,750	1,104	614	613	193	53	150	6,956
Barina	247	82	110	62	80	11	5	17	614
Apollo	121	106	60	49	49	4	0	5	394
Other	367	280	154	70	82	10	2	14	979
Total	3,214	2,218	1,428	795	824	218	60	186	8,943
Hyundai									
Excel	396	262	225	55	258	25	22	35	1,278
Sonata	162	78	36	33	44	8	3	2	366
Lantra	88	29	21	6	26	6	3	2	181
Other	20	12	6	3	8	0	1	1	51
Total	666	381	288	97	336	39	29	40	1,876
Mazda									
323	234	165	119	48	55	17	3	19	660
121	159	74	70	21	29	13	4	13	383
626	121	89	62	20	39	3	4	11	349
Other	102	75	55	18	25	5	1	4	285
Total	616	403	306	107	148	38	12	47	1,677
Mitsubishi									
Magna	929	730	549	334	278	68	25	83	2,996
Lancer	306	226	243	90	111	20	6	25	1,027
Pajero	215	78	121	44	60	5	4	5	532
Other	192	140	59	81	22	13	0	11	518
Total	1,642	1,174	972	549	471	106	35	124	5,073
Nissan									
Pulsar	243	125	127	65	42	15	2	4	623
Patrol	104	82	66	27	46	5	2	2	334
Bluebird	128	75	47	16	30	21	3	7	327
Other	62	90	34	14	17	7	0	2	226
Total	537	372	274	122	135	48	7	15	1,510
Toyota									
Camry	851	469	366	101	170	137	46	36	2,176
Corolla	603	391	351	136	247	118	55	13	1,914
Landcruiser	246	155	290	61	126	12	25	15	930
Other	860	425	352	96	164	44	21	48	2,010
Total	2,560	1,440	1,359	394	707	311	147	112	7,030

TABLE 11. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	State/Territory									Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	
Asia	4	—	4	—	3	—	—	—	11	5
Chevrolet	—	—	1	—	—	—	—	—	1	1
Daihatsu	13	—	13	—	1	2	—	—	29	19
Ford	430	263	216	65	151	28	12	18	1,183	727
Holden	470	259	297	66	118	28	16	30	1,284	674
Hyundai	17	8	13	—	1	—	2	—	41	35
Land Rover	14	3	12	3	4	3	—	—	39	10
Mazda	85	78	89	18	57	6	10	4	347	208
Mitsubishi	177	73	153	69	85	24	17	—	607	352
Nissan	77	64	111	15	47	15	—	5	334	147
Suzuki	22	7	9	3	10	5	1	—	57	4
Toyota	817	381	582	119	283	70	64	31	2,347	1,272
Volkswagen	54	17	11	4	13	2	—	2	103	87
Other and unknown	3	—	3	1	—	—	—	—	7	2
Total	2,183	1,153	1,514	363	773	183	122	99	6,390	3,543

(a) See paragraph 23 of the Explanatory Notes.

TABLE 12. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, SEPTEMBER 1994

Make	Tare weight (kg)						Not stated	Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500			
Asia	—	—	—	8	1	2	—	11
Chevrolet	—	—	—	—	—	1	—	1
Daihatsu	18	1	—	—	—	8	2	29
Ford	17	5	177	757	187	40	40	1,183
Holden	17	4	218	714	286	45	45	1,284
Hyundai	1	36	1	1	—	2	2	41
Land Rover	—	—	—	—	—	36	3	39
Mazda	1	1	90	156	83	16	16	347
Mitsubishi	2	23	318	120	104	40	40	607
Nissan	8	4	26	132	151	13	13	334
Suzuki	39	10	2	—	—	6	6	57
Toyota	7	68	623	579	927	143	143	2,347
Volkswagen	1	2	—	60	38	2	2	103
Other and unknown	—	1	—	6	—	—	—	7
Total	111	155	1,463	2,526	1,823	312	312	6,390

TABLE 13. REGISTRATIONS OF NEW RIGID TRUCKS BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	State/Territory									Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	
Daihatsu	15	4	4	2	1	—	—	—	26	22
Ford	20	18	21	2	4	—	—	1	66	40
Freight Liner	6	—	4	1	—	—	—	1	12	6
Hino	39	17	18	9	9	—	3	—	95	74
International	26	11	7	5	7	—	—	—	56	42
Isuzu	97	67	50	13	12	4	2	2	247	154
Kenworth	1	—	—	—	—	—	—	—	1	—
Mack	2	—	3	—	2	—	—	—	7	5
Man	—	—	—	—	1	—	—	—	1	1
Mazda	15	9	11	4	5	1	—	1	46	37
Mercedes-Benz	8	2	4	—	—	1	—	—	15	7
Mitsubishi	64	41	37	8	14	4	4	1	173	102
Nissan UD	10	9	8	3	6	—	—	—	36	17
Oka	—	1	—	—	3	—	—	—	4	3
Scania	1	2	—	1	—	1	—	—	5	2
Toyota	30	13	13	—	11	—	2	1	70	57
Volvo	4	—	10	2	—	—	—	—	16	5
Western Star	1	—	—	—	—	—	—	—	1	—
Total	339	194	190	50	75	11	11	7	877	574

(a) See paragraph 23 of the Explanatory Notes.

TABLE 14. REGISTRATIONS OF NEW RIGID TRUCKS BY GROSS VEHICLE MASS AND MAKE OF VEHICLE, AUSTRALIA, SEPTEMBER 1994

Make	Gross vehicle mass (tonnes)							Total
	4 and under	Over 4 to 8	Over 8 to 12	Over 12 to 16	Over 16 to 20	Over 20	Not stated	
Daihatsu	5	16	2	—	—	—	3	26
Ford	1	32	9	4	—	16	4	66
Freight Liner	—	—	—	—	—	11	1	12
Hino	—	—	36	36	4	7	12	95
International	—	—	—	18	3	22	13	56
Isuzu	—	89	46	53	18	20	21	247
Kenworth	—	—	—	—	—	1	—	1
Mack	—	—	—	—	—	4	3	7
Man	—	—	—	1	—	—	—	1
Mazda	—	37	3	6	—	—	—	46
Mercedes-Benz	—	—	2	2	—	7	4	15
Mitsubishi	—	77	33	24	11	19	9	173
Nissan UD	2	—	11	10	5	5	3	36
Oka	—	3	—	1	—	—	—	4
Scania	—	—	—	—	—	3	2	5
Toyota	13	45	10	2	—	—	—	70
Volvo	—	—	—	3	—	6	7	16
Western Star	—	—	—	—	—	1	—	1
Total	21	299	152	160	41	122	82	877

TABLE 15. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Capital cities (a)	
									Australia	cities (a)
Ford	15	7	10	2	1	—	—	—	35	22
Freight Liner	7	5	2	1	1	—	—	—	16	11
International	13	17	6	8	—	1	—	—	45	16
Kenworth	15	28	23	8	6	—	2	—	82	36
Mack	15	13	13	6	2	1	2	3	55	30
Man	1	2	—	—	1	—	—	—	4	2
Mercedes-Benz	4	4	3	—	2	—	—	—	13	8
Mitsubishi	—	—	1	—	1	—	—	—	2	1
Nissan UD	6	1	—	—	—	—	—	—	7	5
Scania	7	14	2	1	2	1	—	—	27	14
Volvo	22	6	19	3	8	—	—	—	58	40
Western Star	15	5	13	3	2	—	—	1	39	16
Other and unknown	—	—	1	—	—	—	—	—	1	1
Total	120	102	93	32	26	3	4	4	384	202

(a) See paragraph 23 of the Explanatory Notes.

TABLE 16. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY GROSS COMBINATION MASS AND MAKE OF VEHICLE, AUSTRALIA, SEPTEMBER 1994

Make	Gross combination mass (tonnes)						Total
	24 and under	Over 24 to 30	Over 30 to 34	Over 34 to 40	Over 40	Not stated	
Ford	1	—	—	2	16	16	35
Freight Liner	—	—	3	—	7	6	16
International	—	3	—	1	23	18	45
Kenworth	—	2	—	—	44	36	82
Mack	—	—	—	—	27	28	55
Man	—	1	—	—	1	2	4
Mercedes-Benz	—	—	—	—	4	9	13
Mitsubishi	1	—	—	—	—	1	2
Nissan UD	—	—	—	—	5	2	7
Scania	—	1	—	1	4	21	27
Volvo	1	1	2	—	37	17	58
Western Star	1	—	—	—	27	11	39
Other and unknown	—	—	—	—	1	—	1
Total	4	8	5	4	196	167	384

TABLE 17. REGISTRATIONS OF NEW NON-FREIGHT CARRYING TRUCKS BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital
										cities (a)
Ford	38	1	3	4	1	—	—	—	47	44
Hino	—	3	—	4	1	—	—	—	8	4
Holden	1	—	—	—	—	—	—	—	1	—
Isuzu	2	2	3	—	3	—	—	—	10	9
Mack	—	1	—	—	—	—	—	—	1	—
Man	—	—	1	—	—	—	—	—	1	1
Mazda	3	—	—	—	—	—	—	—	3	3
Mercedes-Benz	—	—	1	—	—	—	—	—	1	—
Mitsubishi	3	—	—	—	—	—	—	—	3	3
Nissan UD	—	—	1	—	—	—	—	—	1	—
Oka	—	—	—	—	1	—	—	—	1	1
Scania	—	1	—	1	—	—	—	—	2	2
Toyota	8	—	—	—	3	—	—	1	12	6
Volkswagen	—	—	—	—	1	—	—	—	1	—
Other and unknown	2	—	—	—	—	—	—	—	2	1
Total	57	8	9	9	10	—	—	1	94	74

(a) See paragraph 23 of the Explanatory Notes.

TABLE 18. REGISTRATIONS OF NEW BUSES BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital
										cities (a)
Asia	1	—	2	—	—	—	—	—	3	—
Denning	—	1	—	—	—	—	—	—	1	1
Hino	3	2	—	2	3	—	—	—	10	5
Man	2	3	—	4	—	—	—	—	9	7
Mazda	2	1	1	—	—	—	—	—	4	2
MCA	1	—	1	—	—	—	—	—	2	—
Mercedes-Benz	6	31	—	—	1	—	—	—	38	33
Nissan	1	—	—	—	—	—	1	—	2	1
Oka	1	—	—	1	1	—	—	—	3	1
Scania	5	2	—	3	—	2	—	—	12	12
Toyota	52	16	66	15	39	—	30	2	220	126
Volvo	6	3	—	—	—	—	2	—	11	3
Other and unknown	1	1	2	—	—	—	—	—	4	2
Total	81	60	72	25	44	2	33	2	319	193

(a) See paragraph 23 of the Explanatory Notes.

TABLE 19. REGISTRATIONS OF NEW BUSES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, SEPTEMBER 1994

Make	Tare weight (kg)					Total
	1500 and under	1501 to 5000	5001 to 10000	Over 10000	Not stated	
Asia	—	3	—	—	—	3
Denning	—	—	—	—	—	—
Hino	—	1	7	2	—	10
Man	—	—	1	8	—	9
Mazda	—	4	—	—	—	4
MCA	—	—	—	2	—	2
Mercedes-Benz	—	24	14	—	—	38
Nissan	—	1	—	—	1	2
Oka	—	3	—	—	—	3
Scania	—	—	2	8	2	12
Toyota	6	206	—	—	8	220
Volvo	—	—	2	7	2	11
Other and unknown	—	—	1	3	—	4
Total	6	242	28	30	13	319

TABLE 20. REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE OF VEHICLE, SEPTEMBER 1994

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
B.M.W.	23	18	10	5	7	1	1	1	66	49
Cagiva	2	—	2	1	—	1	—	—	6	4
Ducati	14	15	9	11	12	2	3	2	68	48
Harley-Davidson	82	54	53	16	43	3	5	4	260	157
Honda	144	182	100	59	30	12	4	2	533	369
Husqvarna	2	1	—	—	—	—	—	—	3	2
Kawasaki	63	61	33	11	39	5	7	3	222	130
K.T.M.	—	7	—	—	—	—	—	—	7	6
Moto Guzzi	1	1	1	—	—	—	—	—	3	3
Suzuki	57	46	24	15	18	2	3	4	169	99
Triumph	14	11	11	4	4	—	1	—	45	27
Yamaha	96	68	71	15	38	4	3	—	295	151
Total	498	464	314	137	191	30	27	16	1,677	1,045

(a) See paragraph 23 of the Explanatory Notes.

TABLE 21. REGISTRATIONS OF NEW MOTOR VEHICLES BY FUEL TYPE AND TYPE OF VEHICLE, AUSTRALIA, SEPTEMBER 1994

Type of Vehicle	Fuel type				Total
	Petrol	Diesel	Gas	Other (incl. dual fuel)	
Passenger vehicles	41,473	804	17	80	42,374
Light commercial vehicles	4,617	1,730	8	35	6,390
Trucks —					
Rigid	25	852	—	—	877
Articulated	7	377	—	—	384
Non-freight carrying	62	32	—	—	94
Buses	48	262	9	—	319
Total (excl. motor cycles)	46,232	4,057	34	115	50,438
Motor Cycles	1,677	—	—	—	1,677

TABLE 22. NUMBER OF VEHICLES ON REGISTER, BY TYPE OF VEHICLE, 30 JUNE 1993 ('000)

Type of Vehicle	NSW(a)	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia (a)
Passenger Vehicles	2,483.3	2,206.6	1,393.6	731.9	803.7	231.8	52.2	146.8	8,050.0
Light Commercial Vehicles	538.2	324.9	348.0	95.5	153.3	48.3	23.6	16.9	1,548.7
Trucks —									
Rigid	107.7	74.2	55.2	34.4	91.1	(d)21.3	2.3	2.3	(d)388.5
Articulated	14.1	14.6	10.7	4.7	5.8	(d)	0.9	0.3	(d)51.0
Non-freight carrying	8.4	11.7	8.8	7.1	9.3	0.7	0.1	0.8	46.8
Buses	10.1	15.9	11.5	3.4	9.9	2.1	0.7	1.3	54.9
Total motor vehicles(b)	3,161.8	2,648.0	1,827.6	876.9	1,073.1	304.1	79.9	168.3	10,139.8
Motor cycles	73.2	70.4	67.3	27.7	37.9	6.6	3.8	4.8	291.7
Plant and equipment(c)	25.6	74.0	34.0	9.7	31.2	4.1	1.5	1.2	181.2
Caravans	55.3	96.3	39.6	33.7	36.1	5.3	0.7	1.4	268.4
Trailers	485.6	330.0	350.3	185.1	207.5	57.5	15.2	20.9	1,652.1
Total other vehicles	639.6	570.8	491.2	256.2	312.7	73.4	21.2	28.2	2,393.4

(a) NSW data is as at 16 May 1993. (b) Excludes motor cycles, plant and equipment, caravans and trailers. (c) See paragraph 8 of the Explanatory Notes. (d) Articulated trucks for Tasmania are included with rigid trucks.

EXPLANATORY NOTES

Introduction

This publication contains detailed information regarding registrations of new motor vehicles and includes particulars of passenger vehicles by make and selected models; light commercial vehicles and buses classified by make and tare; rigid and articulated trucks by make and gross vehicle mass/gross combination mass; and non-freight carrying trucks and motor cycles by make. Also included are registrations of new plant and equipment, caravans and trailers; registrations of new motor vehicles (including motor cycles) classified by fuel type; and particulars of motor vehicles on register. The ABS publishes preliminary figures on new motor vehicle registrations each month in *Registrations of New Motor Vehicles, Australia, Preliminary* (9301.0). (See Paragraph 24 — Related publications).

2. The statistics in this publication are based, from December 1990 onwards, on new processing procedures using the new Vehicle Identification Number (VIN) adopted by the motor vehicle registration authorities. The VIN system allows more accurate classification of vehicles. As a result, data processed on this system are not strictly comparable with those processed on the old system, for some States.

Scope and coverage

3. Motor vehicle registration statistics are obtained from data made available by the various State and Territory motor vehicle registration authorities and reflect the information as recorded in registration documents.

4. In these statistics *registrations* mean registrations processed by the motor vehicle registration authorities in the States and Territories during the period. In New South Wales, Victoria, South Australia, Western Australia, Tasmania, Northern Territory and the Australian Capital Territory the figures shown depart little from actual registrations during the period. In Queensland, advice of some registrations is often not received by the central motor vehicle registration authority until some time after the actual date of registration. For this reason a considerable number of registrations processed in a month actually relate to vehicles registered prior to that month.

5. The amount of data that can be published, particularly at the Australian level, is restricted to what is available from all motor vehicle registration authorities. For example, details of cubic capacity are not recorded in all States and, consequently, classification of vehicles according to engine size is not possible.

6. The statistics include vehicles with diplomatic and consular plates and State and Commonwealth Government owned vehicles other than those belonging to the defence services.

7. Recreation vehicles such as trail bikes and sand dune buggies intended for use in public places are required to be registered in Victoria and Queensland. Particulars of these registrations are regarded as outside the scope of new motor vehicle registration statistics.

8. Vehicles such as tractors (particularly the agricultural types), plant and equipment, and motor vehicles used solely on farms, in mines or in National Parks, etc., and not used on public roads are not required to be registered and these are also excluded from the statistics. Tractors required to be registered are included with plant and equipment.

Vehicle Identification Number

9. The Vehicle Identification Number (VIN) uniquely identifies each vehicle. Embedded within this number are details of make and model together with other relevant information concerning the vehicle. The VIN is now collected by the various motor vehicle registration authorities at the time each new vehicle is registered. The VIN is passed on to the Australian Bureau of Statistics (ABS) as part of the New Motor Vehicles Registrations record.

Vehicle Classification

10. The decoding of the VIN has resulted in better identification of each vehicle's bodycode and consequently classification of vehicles to particular categories. Vehicles such as minibuses which, in the old system, had been classified to cars and station wagons in some States but to buses in other States, are now consistently classified. Similarly, in the old system utilities and cab-chassis, which were sometimes classified to small trucks, are now consistently classified to light commercial vehicles. In addition, duplicate records, out of scope vehicles and those vehicles not registered for the first time can now be more accurately identified and therefore excluded from the statistics.

Vehicle Type Definitions

11. *Passenger Vehicles.* Vehicles constructed primarily for the carriage of less than 10 passengers (including the driver). Included are cars, station wagons, 4WD passenger vehicles and forward control passenger vehicles.

12. *Light Commercial Vehicles.* Vehicles constructed primarily for the carriage of goods and weighing less than 3.5 tonnes gross vehicle mass (GVM). Included are utilities, panel vans, cab-chassis and forward control vehicles (whether 4WD or not).

13. *Rigid Trucks.* Vehicles constructed primarily for load carrying with a gross vehicle mass (GVM) of 3.5 tonnes or more. Included are normal rigid trucks with a tow bar, draw bar or other non-articulated coupling on the rear for use with a trailer or dolly.

14. *Articulated Trucks.* Vehicles constructed primarily for load carrying consisting of a prime mover having no significant load carrying area but with a turn table device which can be linked to a trailer. With or without a trailer the gross combination mass (GCM) will be 3.5 tonnes or more.

15. *Non-freight Carrying Trucks.* Includes specialist vehicles such as ambulances or mobile cranes or vehicles fitted with special purpose equipment and having no goods carrying capacity.

16. *Omnibuses.* Includes all passenger vehicles having more than nine seats, including the driver.

Seasonal adjustment

17. Original and seasonally adjusted registrations of new motor vehicles are shown in Tables 1 and 3. Seasonally adjusted series are calculated for each State and Territory for the series "Passenger vehicles", "Other vehicles" and "Total vehicles". The component State/Territory "Passenger vehicles" and "Other vehicles" seasonally adjusted figures are summed to derive the Australian figures and the two resultant figures are summed to obtain Australian seasonally adjusted "Total vehicles".

18. Extreme care should be exercised in using the seasonally adjusted series for the number of new motor vehicle registrations in Tasmania, the Northern Territory and the Australian Capital Territory. The small numbers and volatile nature of these data makes reliable estimation of the seasonal pattern very difficult.

19. Seasonal adjustment may be carried out by various methods and the results may vary slightly according to the procedure adopted. Accordingly, seasonally adjusted statistics should not be regarded as in any way definitive. In interpreting particular seasonally adjusted statistics it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

20. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or nonseasonal influences which may be present in any particular month, such as the effect of introducing new models, processing delays, or of industrial disputes. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

21. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate. Trend estimates of motor vehicle registration statistics for Australia are shown in Table 1 and State/Territory trend estimates are shown in Table 3. These trend estimates have been derived by ap-

plying a 13-term Henderson-weighted moving average to the seasonally adjusted series.

22. While this technique enables trend estimates for the latest period to be produced, it does result in revisions to the trend estimate for the most recent months as additional observations become available. There may also be revisions as a result of changes in the original data, and as a result of the re-estimation of the seasonal factors. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series - Estimates of "Trend"* (1316.0) and *Time Series Decomposition - An Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

Classification by area

23. In all States, *capital city* registrations refer to vehicles for which the address of the registered owner is located within the capital city statistical division. These statistical divisions are re-defined from time to time usually as the result of information available from periodic censuses of population and housing. All registrations in the Australian Capital Territory are included under 'Capital cities' while those in the Northern Territory are included under 'Other areas'.

Related publications

24. Users may also wish to refer to the following motor vehicle registration publications which are available on request:

Registrations of New Motor Vehicles, Australia, Preliminary (9301.0) — issued monthly.

Motor Vehicle Registrations, Australia, 1991-92 (9304.0) — issued annually.

Motor Vehicle Census, Australia, 30 June 1993 (9309.0) — issued periodically.

TranStats (9312.0) — issued irregularly.

25. Current publications produced by the ABS are listed in the Catalogue of Publications and Products, Australia (1101.0). The ABS also issues, on Tuesdays and Fridays, a Publications Advice (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

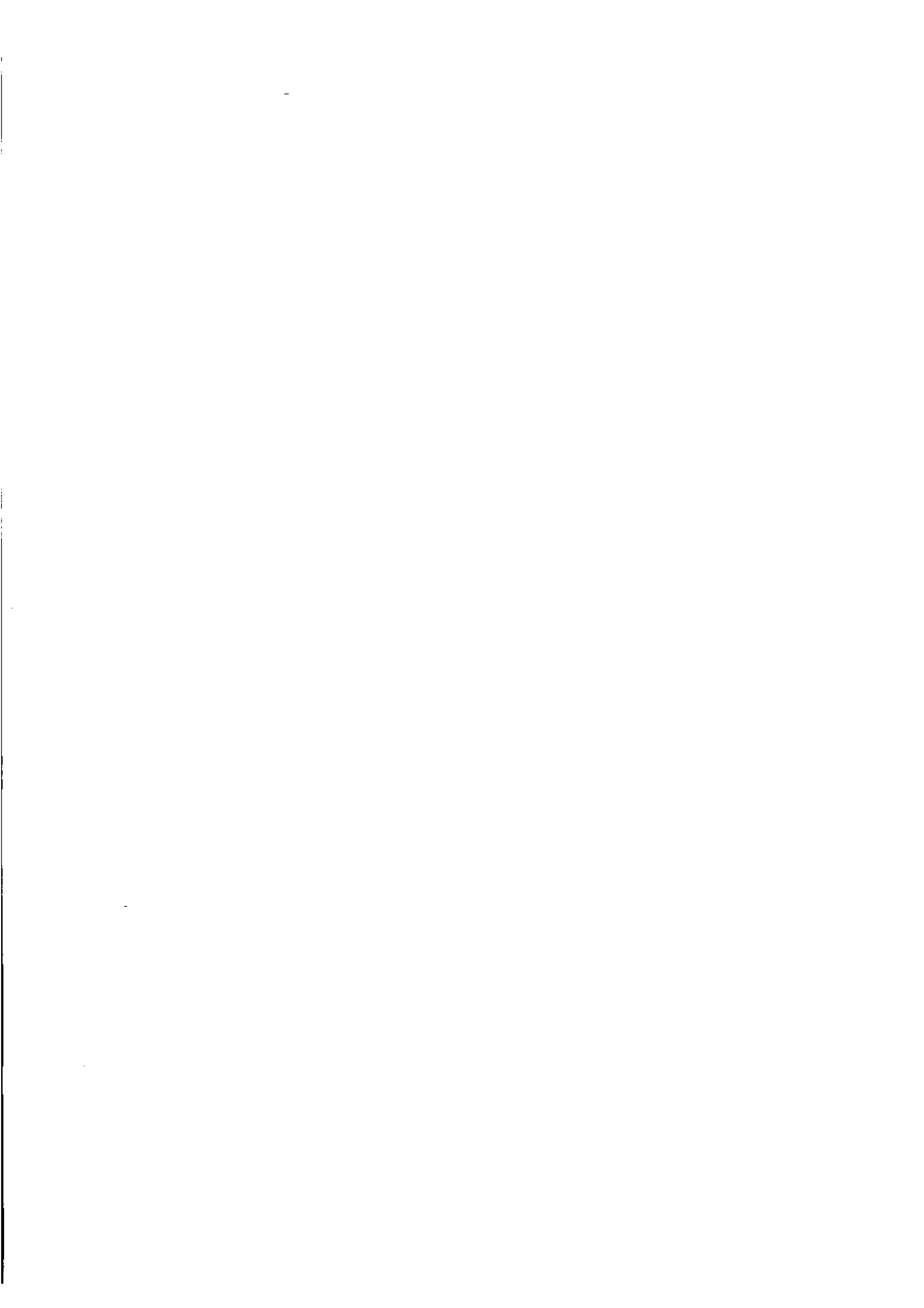
Symbols and other usages

- n.a. not available
- nil or rounded to zero
- .. not applicable

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

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2930300009947

ISSN 0727-1638

Recommended retail price: \$12.00