



**November 1993**  
**Motor Vehicle Registrations**  
**Australia**

**Catalogue No. 9303.0**

At the bottom of the page, there are two thick, black, horizontal bars that mirror the design of the bars at the top, creating a symmetrical frame for the page.



EMBARGOED UNTIL 11.30 A.M. 12 JANUARY 1994

**MOTOR VEHICLE REGISTRATIONS  
AUSTRALIA  
NOVEMBER 1993**

**IAN CASTLES**  
*Australian Statistician*

© Commonwealth of Australia 1994

## CONTENTS

Table	Page
.. Summary of Findings	1
1. New motor vehicles by type of vehicle, original, seasonally adjusted and trend estimate: Australia, latest 15 months	3
2. New motor vehicles by type of vehicle: Australia, latest 15 months and previous three years	3
3. New motor vehicles, original, seasonally adjusted and trend estimate: State/Territory, latest 15 months	4
4. New motor vehicles by type of vehicle: State/Territory and capital cities, November 1993	5
5. New plant and equipment, caravans and trailers: State/Territory and capital cities, November 1993	5
6. New motor vehicles by type of vehicle: State/Territory and capital cities, November 1992-93 and 1991-92	5
7. New passenger vehicles by make of vehicle: Australia, November 1992 and September, October and November 1993	6
8. New light commercial vehicles, trucks and buses by make of vehicle: Australia, September, October and November 1993	7
9. New passenger vehicles by make of vehicle: State/Territory and capital cities, November 1993	8
10. New passenger vehicles by selected make and model of vehicle: Australia, November 1993	9
11. New light commercial vehicles by make of vehicle: State/Territory and capital cities, November 1993	10
12. New light commercial vehicles by tare weight and make of vehicle: Australia, November 1993	10
13. New rigid trucks by make of vehicle: State/Territory and capital cities, November 1993	10
14. New rigid trucks by gross vehicle mass and make of vehicle: Australia, November 1993	11
15. New articulated trucks by make of vehicle: State/Territory and capital cities, November 1993	11
16. New articulated trucks by gross combination mass and make of vehicle: Australia, November 1993	11
17. New non-freight carrying trucks by make of vehicle: State/Territory and capital cities, November 1993	12
18. New buses by make of vehicle: State/Territory and capital cities, November 1993	12
19. New buses by tare weight and make of vehicle: Australia, November 1993	12
20. New motor cycles by make of vehicle: State/Territory and capital cities, November 1993	13
21. New motor vehicles by fuel type and type of vehicle: Australia, November 1993	13
22. Number of vehicles on register, by type of vehicle, 30 June 1993	13
 Chart	
1. Registrations of new motor vehicles.	1
2. Registrations of new passenger vehicles by selected makes. Percentage change between Oct-Nov 1993	2
3. Registrations of new light commercial vehicles by selected makes. Percentage change between Oct-Nov 1993	2
.. Explanatory Notes	14

---

### 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.
-



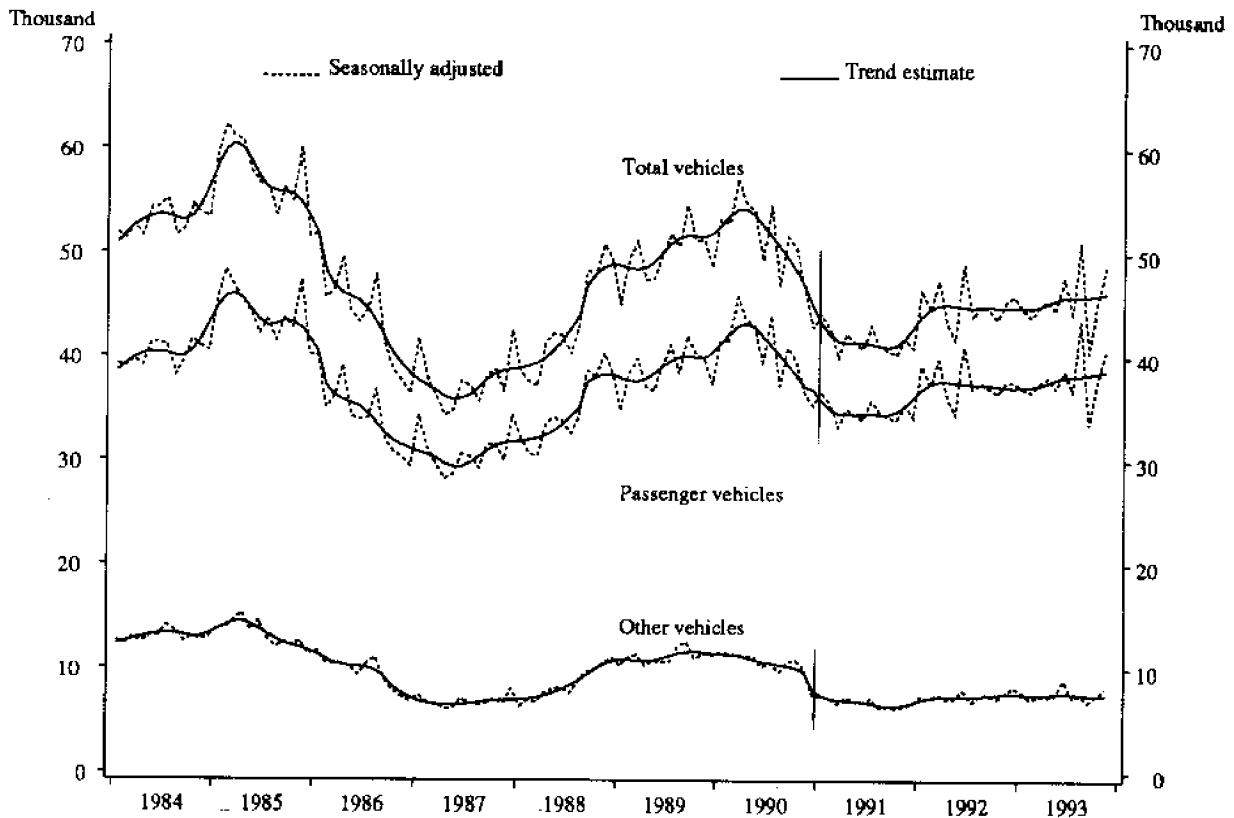
### SUMMARY OF FINDINGS

Registrations for the month of November 1993.

The original, seasonally adjusted and trend estimates of total new motor vehicle registrations for November 1992, October and November 1993 are:

	November 1992	October 1993	November 1993	Nov. 92-Nov. 93 %change	Oct. 93-Nov. 93 % change
Original	44,556	44,687	50,108	12.5	12.1
Seasonally adjusted	45,413	45,458	48,813	7.5	7.4
Trend	44,830	46,039	46,274	3.2	0.5

### REGISTRATIONS OF NEW MOTOR VEHICLES

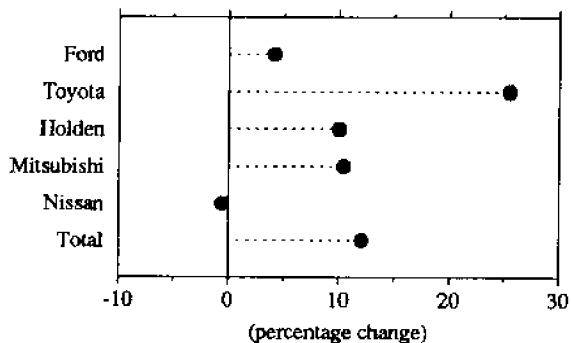


The trend estimate for total new registrations rose slightly in November, returning to the same path of small, steady increases recorded from January to July 1993. Minor increases have been recorded in each of the last three months.

Seasonally adjusted total registrations rose by 7.4 per cent from October 1993 with passenger vehicles increasing by 7.1 per cent and 'other vehicles' by 8.6 per cent.

Unadjusted registrations of new motor vehicles in November 1993 rose by 12.1 per cent to 50,108 vehicles, with passenger vehicles rising 12.1 per cent (or 4,499 vehicles) to 41,662 registrations and 'other vehicles' rising by 12.3 per cent (or 922 vehicles) to 8,446 registrations.

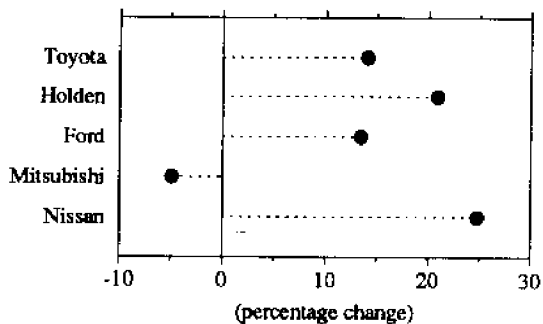
**CHART 2: REGISTRATIONS OF NEW PASSENGER VEHICLES  
BY SELECTED MAKES**  
Percentage change between Oct-Nov 1993



There were a total of 32,814 new passenger vehicle registrations in November 1993 by the top five manufacturers, accounting for 78.8 per cent of registrations. All of these manufacturers, except for Nissan experienced a rise in registrations. The largest percentage rise was recorded by Toyota, which rose by 25.5 per cent (or 1,728 vehicles), followed by Mitsubishi with a rise of 10.4 per cent (or 495 vehicles). Nissan recorded a minor fall of 0.6 per cent (or 10 vehicles).

With 6,702 registrations, Holden's Commodore/Calais model headed the list of models for November 1993, followed by Ford's Falcon/Fairmont (5,948 vehicles) and then the Mitsubishi Magna (2,993 vehicles).

**CHART 3: REGISTRATIONS OF NEW  
LIGHT COMMERCIAL VEHICLES  
BY SELECTED MAKES**  
Percentage change between Oct-Nov 1993



Registrations of new light commercial vehicles rose by 14.0 per cent, from 6,093 vehicles in October 1993 to 6,948 vehicles in November 1993. The top five makes (Ford, Holden, Mitsubishi, Nissan and Toyota) accounted for 92.7 per cent of total registrations, a rise of 2.8 percentage points from October 1993 when they accounted for 89.9 per cent.

Of these top five makes all except Mitsubishi recorded increases in registrations. The largest increase recorded was for Holden with a rise of 28.7 per cent (up 292 vehicles) followed by Nissan with a rise of 24.8 per cent (up 77 vehicles), Toyota 20.9 per cent (up 500 vehicles) and Ford 13.4 per cent (up 970 vehicles). Mitsubishi recorded a slight fall of 4.9 per cent (down 39 vehicles).



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
1992-93 —									
September	40,037	37,098	37,414	7,626	7,626	7,500	47,663	44,724	44,914
October	37,115	36,529	37,287	7,340	7,160	7,610	44,455	43,689	44,897
November	36,812	37,655	37,143	7,744	7,759	7,687	44,556	45,413	44,830
December	41,023	37,646	37,118	8,032	8,317	7,678	49,055	45,962	44,796
January	28,150	37,012	37,236	5,793	7,734	7,619	33,943	44,746	44,855
February	33,376	36,702	37,214	6,522	7,123	7,558	39,898	43,826	44,772
March	42,976	37,600	37,357	8,620	7,402	7,570	51,596	45,002	44,927
April	33,877	38,142	37,649	6,575	7,378	7,629	40,452	45,520	45,278
May	36,865	37,014	37,941	7,937	7,466	7,682	44,802	44,480	45,623
June	42,572	38,672	38,153	10,742	9,022	7,710	53,314	47,694	45,862
1993-94 —									
July	37,719	36,722	38,252	7,720	7,290	7,675	45,439	44,012	45,927
August	45,126	43,620	38,299	7,325	7,533	7,594	52,451	51,153	45,893
September	35,681	33,575	38,376	6,865	6,873	7,538	42,546	40,449	45,914
October	37,163	37,930	38,503	7,524	7,528	7,536	44,687	45,458	46,039
November	41,662	40,637	38,716	8,446	8,176	7,558	50,108	48,813	46,274

(a) See paragraph 12 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			
1990-91	440,713	72,364	20,861	2,119	1,325	4,823	542,196	19,537
1991-92	437,064	67,812	9,930	1,742	784	3,855	521,186	16,675
1992-93	449,843	74,748	9,780	2,199	708	4,230	541,508	17,513
1992-93 —								
September	40,037	6,181	924	155	62	304	47,663	1,444
October	37,115	5,916	872	195	87	270	44,455	1,529
November	36,812	6,292	873	173	61	345	44,556	1,457
December	41,023	6,451	964	174	74	369	49,055	1,555
January	28,150	4,804	502	137	35	315	33,943	1,509
February	33,376	5,392	628	113	35	354	39,898	1,604
March	42,976	7,163	827	213	57	360	51,596	1,740
April	33,877	5,285	735	194	44	317	40,452	1,483
May	36,865	6,467	819	222	56	373	44,802	1,287
June	42,572	8,879	982	293	68	520	53,314	1,326
1993-94 —								
July	37,719	6,275	809	206	88	342	45,439	1,250
August	45,126	5,862	807	237	99	320	52,451	1,417
September	35,681	5,558	771	222	64	250	42,546	1,353
October	37,163	6,093	824	262	64	281	44,687	1,323
November	41,662	6,948	811	302	78	307	50,108	1,811

(a) See paragraphs 12 and 13 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
<b>1992-93 —</b>									
September	15,894	15,400	15,813	10,258	9,535	10,283	10,312	9,280	8,509
October	14,260	14,363	15,502	11,317	11,161	10,374	8,034	7,717	8,630
November	16,549	16,315	15,394	9,603	9,989	10,372	8,332	9,023	8,680
December	16,284	16,138	15,504	11,307	10,557	10,327	9,433	8,430	8,665
January	11,341	14,921	15,728	7,534	10,388	10,286	7,046	9,166	8,626
February	14,313	15,830	15,765	9,234	9,905	10,259	7,414	8,245	8,589
March	18,925	16,073	15,758	11,133	10,031	10,297	10,362	8,872	8,665
April	13,784	16,155	15,746	10,120	10,749	10,367	7,272	8,392	8,792
May	16,263	15,055	15,700	10,286	10,410	10,429	8,121	8,404	8,926
June	18,029	15,879	15,661	11,660	10,584	10,443	11,235	9,943	9,043
<b>1993-94 —</b>									
July	15,148	14,696	15,625	10,784	10,230	10,444	9,123	8,760	9,085
August	18,495	17,972	15,664	11,622	11,085	10,445	10,169	10,434	9,045
September	14,304	13,994	15,782	9,894	9,436	10,488	7,921	7,114	8,964
October	14,488	15,202	15,947	10,629	10,698	10,568	9,397	9,324	8,889
November	18,628	17,506	16,177	11,248	11,242	10,693	8,585	8,971	8,811
<b>SA</b>									
<b>WA</b>									
<b>Tas.</b>									
Period	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate
	SA			WA			Tas.		
<b>1992-93 —</b>									
September	3,535	3,221	3,249	4,995	4,990	4,690	1,267	1,037	1,074
October	3,512	3,310	3,262	4,796	4,556	4,744	1,192	1,213	1,063
November	3,193	3,113	3,239	4,556	4,628	4,758	905	956	1,039
December	3,718	3,493	3,191	5,284	4,977	4,724	1,633	996	1,017
January	2,323	3,141	3,143	3,973	4,713	4,683	765	1,053	1,009
February	2,657	2,920	3,108	4,325	4,632	4,657	757	912	1,009
March	3,419	3,041	3,111	5,053	4,537	4,672	1,076	1,036	1,028
April	2,868	3,165	3,153	4,290	4,607	4,744	924	1,119	1,058
May	3,170	3,326	3,205	4,523	4,691	4,835	989	1,091	1,082
June	3,582	3,299	3,228	6,009	5,458	4,921	1,078	1,078	1,091
<b>1993-94 —</b>									
July	3,187	3,164	3,215	4,625	4,619	4,972	992	1,008	1,093
August	3,549	3,347	3,171	5,595	5,438	4,975	1,300	1,365	1,094
September	3,141	2,907	3,127	4,744	4,700	4,957	985	823	1,101
October	3,068	3,009	3,093	4,581	4,608	4,939	1,065	1,117	1,115
November	3,490	3,214	3,068	5,361	5,195	4,920	1,233	1,249	1,134
<b>NT</b>									
<b>ACT</b>									
<b>Australia</b>									
Period	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted	Trend estimate
	NT			ACT			Australia		
<b>1992-93 —</b>									
September	451	428	464	951	832	832	47,663	44,724	44,914
October	546	546	482	798	823	840	44,455	43,689	44,897
November	502	522	489	916	868	860	44,556	45,413	44,830
December	459	488	485	937	883	884	49,055	45,962	44,796
January	305	438	476	656	925	903	33,943	44,746	44,855
February	367	443	475	831	940	909	39,898	43,826	44,772
March	571	477	485	1,057	936	910	51,596	45,002	44,927
April	486	511	501	708	822	917	40,452	45,520	45,278
May	546	528	512	904	976	935	44,802	44,480	45,623
June	699	554	513	1,022	899	962	53,314	47,694	45,862
<b>1993-94 —</b>									
July	555	528	505	1,025	1,008	987	45,439	44,012	45,927
August	462	429	495	1,259	1,082	1,003	52,451	51,153	45,893
September	473	467	490	1,084	1,007	1,005	42,546	40,449	45,914
October	486	493	491	973	1,008	997	44,687	45,458	46,039
November	548	546	495	1,015	889	976	50,108	48,813	46,274

(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, NOVEMBER 1993

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	15,979	9,660	6,608	2,951	4,206	1,027	333	898	41,662	30,470
Light commercial vehicles	2,165	1,286	1,628	464	981	166	160	98	6,948	3,597
Trucks —										
Rigid	285	168	216	22	91	13	6	10	811	538
Articulated	97	82	59	25	26	8	4	1	302	136
Non-freight carrying	30	7	16	4	5	13	2	1	78	44
Buses	72	45	58	24	52	6	43	7	307	165
<b>Total (excl. motor cycles)</b>	<b>18,628</b>	<b>11,248</b>	<b>8,585</b>	<b>3,490</b>	<b>5,361</b>	<b>1,233</b>	<b>548</b>	<b>1,015</b>	<b>50,108</b>	<b>34,950</b>
Capital cities(a)	13,230	8,606	4,506	2,773	4,195	625	..	1,015	34,950	34,950
Other areas	5,398	2,642	4,079	717	1,166	608	548	..	15,158	..
Motor cycles	516	404	282	189	327	39	31	23	1,811	1,143

(a) See paragraph 23 of the Explanatory Notes.

TABLE 5. REGISTRATIONS OF NEW PLANT AND EQUIPMENT, CARAVANS AND TRAILERS, NOVEMBER 1993

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Plant and equipment(b)	94	68	101	14	129	16	—	3	425	165
Caravans(c)	113	174	107	42	80	6	—	3	525	292
Trailers	1,522	1,226	1,398	555	823	222	78	72	5,896	3,167
<b>Total</b>	<b>1,729</b>	<b>1,468</b>	<b>1,606</b>	<b>611</b>	<b>1,032</b>	<b>244</b>	<b>78</b>	<b>78</b>	<b>6,846</b>	<b>3,624</b>

(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, FIVE MONTHS ENDED NOVEMBER 1993

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	69,439	46,875	35,372	14,217	20,282	4,623	1,667	4,876	197,351	143,586
Light commercial vehicles	9,341	5,786	8,065	1,875	3,827	794	637	411	30,736	15,703
Trucks —										
Rigid	1,385	851	1,058	135	438	57	58	40	4,022	2,683
Articulated	325	368	288	101	83	41	18	5	1,229	545
Non-freight carrying	175	56	67	32	26	25	9	3	393	283
Buses	398	241	345	75	250	35	135	21	1,500	819
<b>Total (excl. motor cycles)</b>										
— 5 months ended November										
1993	81,063	54,177	45,195	16,435	24,906	5,575	2,524	5,356	235,231	163,619
1992	79,707	52,616	43,520	16,734	23,663	5,386	2,378	4,444	228,448	158,865
Capital cities(a)	56,959	41,654	23,889	13,180	19,774	2,807	..	5,356	163,619	163,619
Other areas	24,104	12,523	21,306	3,255	5,132	2,768	2,524	..	71,612	..
<b>Motor cycles</b>										
— 5 months ended November										
1993	2,092	1,748	1,401	664	893	152	118	86	7,154	4,004
1992	1,802	1,851	1,544	624	794	148	135	111	7,009	3,552

(a) See paragraph 23 of the Explanatory Notes.

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

<i>Make</i>	<i>Sept. 1993</i>	<i>Oct. 1993</i>	<i>Nov. 1993</i>	<i>Nov. 1992</i>
Alfa Romeo	1	—	—	22
Asia	13	34	24	—
Audi	73	115	129	49
Bentley	—	1	1	2
B.M.W.	494	434	423	431
Chevrolet	—	2	1	1
Citroen	5	—	7	1
Daihatsu	1,093	1,183	1,377	1,191
Eunos	73	87	122	87
Ferrari	—	3	—	1
Ford	8,254	8,576	8,925	8,642
FSM	1	—	—	10
Holden	7,737	7,648	8,411	6,263
Honda	651	994	1,247	1,005
Hyundai	1,096	1,246	1,483	1,001
Jaguar	13	19	21	13
Lada	23	12	23	43
Land Rover	295	264	294	141
Lexus	79	70	63	143
Lotus	1	—	—	—
Maserati	—	1	1	1
Mazda	1,448	1,411	1,525	1,878
Mercedes-Benz	212	227	215	233
Mitsubishi	4,956	4,740	5,235	5,288
Nissan	1,338	1,758	1,748	2,084
Peugeot	113	119	98	70
Porsche	10	12	16	5
Range Rover	48	33	82	50
Renault	47	30	70	72
Rolls Royce	1	1	—	1
Saab	132	150	230	250
Subaru	442	490	580	872
Suzuki	470	499	482	758
Toyota	6,315	6,767	8,495	6,006
Volkswagen	45	59	63	4
Volvo	152	131	245	155
Other and unknown	50	47	26	39
<b>Total</b>	<b>35,681</b>	<b>37,163</b>	<b>41,662</b>	<b>36,812</b>

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

Make	Sept. 1993	Oct. 1993	Nov. 1993					Total
	Total	Total	Light commercial vehicles	Trucks			Buses	
				Rigid	Articulated	Non-freight carrying		
Asia	1	—	—	—	—	—	—	—
Austral	—	1	—	—	—	—	—	—
Daihatsu	46	65	23	34	—	—	—	57
Ford	964	1,090	1,100	85	32	21	—	1,238
Freight Liner	20	12	—	—	28	—	—	28
Hino	83	108	—	91	2	1	9	103
Holden	894	1,019	1,310	—	—	—	—	1,310
Hyundai	41	41	47	—	—	—	—	47
International	84	106	—	68	46	1	—	115
Isuzu	248	250	—	212	2	9	2	225
Kenworth	53	67	—	5	66	—	—	71
Land Rover	30	19	31	—	—	—	—	31
Mack	26	31	—	1	29	—	—	30
Man	10	10	—	3	1	—	8	12
Mazda	299	414	279	52	—	19	5	355
MCA	2	1	—	—	—	—	2	2
Mercedes-Benz	32	48	—	7	12	—	17	36
Mitsubishi	1,030	960	753	124	4	6	—	887
Nissan	350	314	387	2	—	—	1	390
Nissan UD	21	28	—	34	5	—	—	39
Oka	7	1	—	2	—	—	2	4
Renault	2	—	—	—	—	—	1	1
Scania	25	25	—	2	27	1	17	47
Subaru	78	84	51	—	—	—	—	51
Suzuki	40	36	25	—	—	—	—	25
Toyota	2,403	2,681	2,890	77	—	19	229	3,215
Volkswagen	22	22	45	—	—	—	—	45
Volvo	33	62	—	11	29	—	14	54
Western Star	13	19	—	1	19	—	—	20
Other and unknown	8	10	7	—	—	1	—	8
<b>Total</b>	<b>6,865</b>	<b>7,524</b>	<b>6,948</b>	<b>811</b>	<b>302</b>	<b>78</b>	<b>307</b>	<b>8,446</b>

TABLE 9. REGISTRATIONS OF NEW PASSENGER VEHICLES BY MAKE OF VEHICLE,  
NOVEMBER 1993

<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	5	4	9	1	3	—	—	2	24	12
Audi	96	15	8	3	5	2	—	—	129	119
Bentley	1	—	—	—	—	—	—	—	1	1
B.M.W.	200	112	52	20	21	10	—	8	423	367
Chevrolet	—	—	1	—	—	—	—	—	1	—
Citroen	3	—	4	—	—	—	—	—	7	7
Daihatsu	691	217	169	95	159	16	9	21	1,377	1,038
Eunos	70	17	11	11	8	1	—	4	122	111
Ford	3,297	2,354	1,491	613	821	130	51	168	8,925	6,207
Holden	3,196	2,020	1,395	669	705	218	59	149	8,411	6,329
Honda	516	343	181	42	121	20	7	17	1,247	1,016
Hyundai	640	163	250	44	313	23	15	35	1,483	896
Jaguar	10	6	2	2	1	—	—	—	21	20
Lada	5	—	3	—	15	—	—	—	23	19
Land Rover	123	67	58	9	20	9	4	4	294	182
Lexus	41	10	6	—	5	1	—	—	63	52
Maserati	1	—	—	—	—	—	—	—	1	1
Mazda	670	316	217	79	118	50	17	58	1,525	1,127
Mercedes-Benz	86	63	36	12	12	1	—	5	215	182
Mitsubishi	1,666	1,322	789	658	464	129	39	168	5,235	3,979
Nissan	604	403	286	152	197	40	18	48	1,748	1,223
Peugeot	54	23	7	4	6	3	—	1	98	65
Porsche	2	8	3	2	1	—	—	—	16	13
Range Rover	51	10	11	3	5	2	—	—	82	69
Renault	17	26	17	4	5	1	—	—	70	50
Saab	111	70	24	4	12	6	—	3	230	196
Subaru	249	122	76	31	65	23	3	11	580	400
Suzuki	231	45	87	17	85	1	8	8	482	344
Toyota	3,195	1,833	1,375	462	1,008	336	103	183	8,495	6,175
Volkswagen	30	17	3	2	9	—	—	2	63	56
Volvo	116	50	37	12	22	5	—	3	245	190
Other and unknown	2	24	—	—	—	—	—	—	26	24
<b>Total</b>	<b>15,979</b>	<b>9,660</b>	<b>6,608</b>	<b>2,951</b>	<b>4,206</b>	<b>1,027</b>	<b>333</b>	<b>898</b>	<b>41,662</b>	<b>30,470</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 10. REGISTRATIONS OF PASSENGER VEHICLES BY SELECTED  
MAKE AND MODEL OF VEHICLE,  
NOVEMBER 1993

<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>
<b>Ford</b>									
Falcon/Fairmont	2,164	1,707	965	379	517	78	34	104	5,948
Laser	529	305	187	92	158	27	3	34	1,335
Festiva	251	72	167	62	50	13	2	14	631
Other	353	270	172	80	96	12	12	16	1,011
<b>Total</b>	<b>3,297</b>	<b>2,354</b>	<b>1,491</b>	<b>613</b>	<b>821</b>	<b>130</b>	<b>51</b>	<b>168</b>	<b>8,925</b>
<b>Holden</b>									
Commodore/Calais	2,610	1,612	1,133	506	501	176	46	118	6,702
Barina	315	177	159	71	109	8	10	21	870
Apollo	94	122	44	39	46	19	1	8	373
Other	177	109	59	53	49	15	2	2	466
<b>Total</b>	<b>3,196</b>	<b>2,020</b>	<b>1,395</b>	<b>669</b>	<b>705</b>	<b>218</b>	<b>59</b>	<b>149</b>	<b>8,411</b>
<b>Hyundai</b>									
Excel	423	115	189	27	246	17	8	20	1,045
Lantra	156	28	34	9	35	4	4	11	281
S 2D Coupe	30	8	16	7	7	2	2	2	74
Other	31	12	11	1	25	0	1	2	83
<b>Total</b>	<b>640</b>	<b>163</b>	<b>250</b>	<b>44</b>	<b>313</b>	<b>23</b>	<b>15</b>	<b>35</b>	<b>1,483</b>
<b>Mazda</b>									
121	314	90	76	40	47	38	8	31	644
323	136	98	55	21	33	7	3	11	364
626	138	75	58	10	22	4	2	14	323
Other	82	53	28	8	16	1	4	2	194
<b>Total</b>	<b>670</b>	<b>316</b>	<b>217</b>	<b>79</b>	<b>118</b>	<b>50</b>	<b>17</b>	<b>58</b>	<b>1,525</b>
<b>Mitsubishi</b>									
Magna	812	829	374	489	275	89	20	105	2,993
Lancer	349	194	166	56	82	18	10	40	915
Pajero	255	120	178	43	65	13	2	13	689
Other	250	179	71	70	42	9	7	10	638
<b>Total</b>	<b>1,666</b>	<b>1,322</b>	<b>789</b>	<b>658</b>	<b>464</b>	<b>129</b>	<b>39</b>	<b>168</b>	<b>5,235</b>
<b>Nissan</b>									
Pulsar	324	136	115	63	59	22	5	33	757
Patrol	106	102	76	42	81	7	7	2	423
Pintara	2	0	1	0	11	0	0	0	14
Other	172	165	94	47	46	11	6	13	554
<b>Total</b>	<b>604</b>	<b>403</b>	<b>286</b>	<b>152</b>	<b>197</b>	<b>40</b>	<b>18</b>	<b>48</b>	<b>1,748</b>
<b>Toyota</b>									
Camry	1,041	671	461	150	342	93	23	57	2,838
Corolla	780	410	294	98	245	187	25	73	2,112
Landcruiser	377	274	252	86	197	21	38	19	1,264
Other	997	478	368	128	224	35	17	34	2,281
<b>Total</b>	<b>3,195</b>	<b>1,833</b>	<b>1,375</b>	<b>462</b>	<b>1,008</b>	<b>336</b>	<b>103</b>	<b>183</b>	<b>8,495</b>

TABLE 11. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY MAKE OF VEHICLE, NOVEMBER 1993

Make	NSW									Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	
Daihatsu	9	1	10	2	1	—	—	—	23	9
Ford	322	271	209	79	164	24	13	18	1,100	613
Holden	449	252	272	89	194	23	9	22	1,310	731
Hyundai	19	7	10	4	4	—	1	2	47	41
Land Rover	8	4	8	2	4	2	3	—	31	8
Mazda	69	68	61	14	56	5	5	1	279	141
Mitsubishi	218	126	188	61	99	13	38	10	753	422
Nissan	90	96	111	24	44	16	3	3	387	162
Subaru	14	8	6	13	6	4	—	—	51	6
Suzuki	9	3	3	4	6	—	—	—	25	4
Toyota	924	444	747	170	398	78	87	42	2,890	1,419
Volkswagen	31	6	2	1	4	1	—	—	45	38
Other and unknown	3	—	1	1	1	—	1	—	7	3
<b>Total</b>	<b>2,165</b>	<b>1,286</b>	<b>1,628</b>	<b>464</b>	<b>981</b>	<b>166</b>	<b>160</b>	<b>98</b>	<b>6,948</b>	<b>3,597</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 12. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1993

Make	Tare weight (kg)						Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500	Not stated	
Daihatsu	12	—	1	4	4	2	23
Ford	11	3	125	736	127	98	1,100
Holden	9	2	184	746	252	117	1,310
Hyundai	1	40	—	1	—	5	47
Land Rover	—	—	—	—	24	7	31
Mazda	—	—	49	118	84	28	279
Mitsubishi	2	21	383	130	117	100	753
Nissan	3	—	40	131	162	51	387
Subaru	4	38	—	—	—	9	51
Suzuki	16	6	1	—	—	2	25
Toyota	13	58	727	590	1,071	431	2,890
Volkswagen	—	—	—	38	4	3	45
Other and unknown	—	—	—	3	2	2	7
<b>Total</b>	<b>71</b>	<b>168</b>	<b>1,510</b>	<b>2,497</b>	<b>1,847</b>	<b>855</b>	<b>6,948</b>

TABLE 13. REGISTRATIONS OF NEW RIGID TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1993

Make	NSW									Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	
Daihatsu	27	2	3	1	1	—	—	—	34	27
Ford	19	21	33	4	7	—	—	1	85	56
Hino	21	24	23	4	15	—	1	3	91	62
International	25	17	20	1	4	1	—	—	68	48
Isuzu	76	47	42	5	30	8	1	3	212	153
Kenworth	5	—	—	—	—	—	—	—	5	3
Mack	—	—	1	—	—	—	—	—	1	1
Man	—	—	3	—	—	—	—	—	3	2
Mazda	19	18	9	1	4	—	—	1	52	38
Mercedes-Benz	—	2	4	—	1	—	—	—	7	5
Mitsubishi	47	18	36	2	15	2	3	1	124	63
Nissan	—	2	—	—	—	—	—	—	2	2
Nissan UD	11	8	10	2	3	—	—	—	34	18
Oka	—	—	—	—	2	—	—	—	2	1
Scania	2	—	—	—	—	—	—	—	2	—
Toyota	31	9	27	1	6	2	1	—	77	52
Volvo	2	—	5	1	3	—	—	—	11	6
Western Star	—	—	—	—	—	—	—	1	1	1
<b>Total</b>	<b>285</b>	<b>168</b>	<b>216</b>	<b>22</b>	<b>91</b>	<b>13</b>	<b>6</b>	<b>10</b>	<b>811</b>	<b>538</b>

(a) See paragraph 23 of the Explanatory Notes.



TABLE 14. REGISTRATIONS OF NEW RIGID TRUCKS BY GROSS VEHICLE MASS AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1993

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	4	20	2	—	—	—	8	34
Ford	3	57	12	3	—	9	1	85
Hino	—	—	34	34	13	7	3	91
International	—	—	—	28	4	34	2	68
Isuzu	—	74	43	54	16	22	3	212
Kenworth	—	—	—	—	—	5	—	5
Mack	—	—	—	—	—	1	—	1
Man	—	—	—	—	—	3	—	3
Mazda	—	34	7	10	—	—	—	52
Mercedes-Benz	—	—	—	5	1	1	1	7
Mitsubishi	—	52	29	32	1	8	2	124
Nissan	—	—	—	1	—	1	—	2
Nissan UD	—	—	8	13	2	9	2	34
Oka	—	2	—	—	—	—	—	2
Scania	—	—	—	—	1	1	—	2
Toyota	12	54	6	2	—	—	—	77
Volvo	—	—	—	1	—	—	3	2
Western Star	—	—	—	—	1	9	—	11
	—	—	—	—	—	1	—	1
<b>Total</b>	<b>19</b>	<b>293</b>	<b>141</b>	<b>183</b>	<b>39</b>	<b>111</b>	<b>25</b>	<b>811</b>

TABLE 15. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1993

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Ford	7	11	7	3	3	1	—	—	32	15
Freight Liner	15	5	7	1	—	—	—	—	28	19
Hino	1	1	—	—	—	—	—	—	2	2
International	17	12	7	7	2	1	—	—	46	13
Isuzu	1	1	—	—	—	—	—	—	2	2
Kenworth	13	26	14	1	10	1	1	—	66	25
Mack	8	8	8	2	2	—	1	—	29	18
Man	—	—	1	—	—	—	—	—	1	1
Mercedes-Benz	3	3	4	2	—	—	—	—	12	3
Mitsubishi	—	—	—	2	1	—	—	—	4	1
Nissan UD	3	2	—	—	—	—	—	1	5	4
Scania	10	6	1	4	5	1	—	—	27	10
Volvo	10	5	5	2	3	4	—	—	29	19
Western Star	9	2	5	1	—	—	2	—	19	4
<b>Total</b>	<b>97</b>	<b>82</b>	<b>59</b>	<b>25</b>	<b>26</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>302</b>	<b>136</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 16. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY GROSS COMBINATION MASS AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1993

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	—	—	—	—	16	16	32
Freight Liner	—	—	—	—	18	10	28
Hino	—	—	1	—	—	1	2
International	—	—	—	—	—	—	—
Isuzu	—	1	—	1	28	17	46
Kenworth	1	1	1	—	—	1	2
Mack	—	—	—	3	28	32	66
Man	—	—	—	—	17	12	29
Mercedes-Benz	—	—	—	—	1	—	1
Mitsubishi	—	—	—	—	10	2	12
Nissan UD	—	—	—	—	2	2	4
Scania	—	—	—	—	2	3	5
Volvo	—	—	1	1	9	16	27
Western Star	—	—	—	1	20	8	29
	—	—	—	—	16	3	19
<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>167</b>	<b>123</b>	<b>302</b>

TABLE 17. REGISTRATIONS OF NEW NON-FREIGHT CARRYING TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1993

<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>
Ford	7	2	7	3	2	—	—	—	21	16
Hino	—	1	—	—	—	—	—	—	1	—
International	—	—	1	—	—	—	—	—	1	1
Isuzu	4	1	—	—	1	3	—	—	9	5
Mazda	6	—	3	—	—	10	—	—	19	6
Mitsubishi	1	1	1	1	1	—	—	1	6	4
Scania	—	1	—	—	—	—	—	—	1	1
Toyota	11	1	4	—	1	—	2	—	19	10
Other and unknown	1	—	—	—	—	—	—	—	1	1
<b>Total</b>	<b>30</b>	<b>7</b>	<b>16</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>2</b>	<b>1</b>	<b>78</b>	<b>44</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 18. REGISTRATIONS OF NEW BUSES BY MAKE OF VEHICLE, NOVEMBER 1993

<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>
Hino	3	3	—	—	2	1	—	—	9	4
Isuzu	1	—	—	—	—	—	1	—	2	—
Man	2	1	—	5	—	—	—	—	8	6
Mazda	—	2	1	—	1	—	1	—	5	2
MCA	1	—	1	—	—	—	—	—	2	2
Mercedes-Benz	7	4	2	2	—	—	2	—	17	5
Nissan	—	—	—	—	—	—	1	—	1	—
Oka	—	—	—	—	1	—	1	—	2	1
Renault	—	—	—	—	—	—	—	1	1	1
Scania	10	1	—	5	—	1	—	—	17	17
Toyota	44	32	46	12	48	4	37	6	229	114
Volvo	4	2	8	—	—	—	—	—	14	13
<b>Total</b>	<b>72</b>	<b>45</b>	<b>58</b>	<b>24</b>	<b>52</b>	<b>6</b>	<b>43</b>	<b>7</b>	<b>307</b>	<b>165</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 19. REGISTRATIONS OF NEW BUSES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1993

<i>Make</i>	<i>Tare weight (kg)</i>					<i>Total</i>
	<i>1500 and under</i>	<i>1501 to 5000</i>	<i>5001 to 10000</i>	<i>Over 10000</i>	<i>Not stated</i>	
Hino	—	1	5	2	1	9
Isuzu	—	—	1	—	1	2
Man	—	—	1	7	—	8
Mazda	—	4	—	—	1	5
MCA	—	—	1	1	—	2
Mercedes-Benz	—	4	11	—	2	17
Nissan	—	—	—	—	1	1
Oka	—	1	—	—	1	2
Renault	—	—	—	—	1	1
Scania	—	—	—	16	1	17
Toyota	1	173	—	—	55	229
Volvo	—	1	2	11	—	14
<b>Total</b>	<b>1</b>	<b>184</b>	<b>21</b>	<b>37</b>	<b>64</b>	<b>307</b>

TABLE 20. REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE OF VEHICLE, NOVEMBER 1993

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
B.M.W.	25	12	5	12	4	—	—	—	58	43
Cagiva	—	1	1	—	—	—	—	—	2	2
Ducati	11	5	3	7	11	—	—	1	38	28
Harley-Davidson	79	46	44	27	23	1	5	4	229	146
Honda	195	123	79	84	191	29	10	13	724	540
Husqvarna	7	2	1	1	1	—	—	—	12	4
Kawasaki	57	86	39	8	27	4	3	1	225	113
K.T.M.	6	2	—	—	—	—	1	—	9	3
Moto Guzzi	2	4	2	—	4	—	—	—	12	8
Suzuki	73	53	38	16	31	3	5	3	222	130
Triumph	4	2	5	1	2	—	—	—	14	8
Yamaha	57	68	65	31	32	2	7	1	263	115
Other and unknown	—	—	—	2	1	—	—	—	3	3
<b>Total</b>	<b>516</b>	<b>404</b>	<b>282</b>	<b>189</b>	<b>327</b>	<b>39</b>	<b>31</b>	<b>23</b>	<b>1,811</b>	<b>1,143</b>

(a) See paragraph 23 of the Explanatory Notes.

TABLE 21. REGISTRATIONS OF NEW MOTOR VEHICLES BY FUEL TYPE AND TYPE OF VEHICLE, AUSTRALIA, NOVEMBER 1993

Type of Vehicle	Fuel type				Total
	Petrol	Diesel	Gas	Other (incl. dual fuel)	
Passenger vehicles	40,604	964	9	85	41,662
Light commercial vehicles	4,723	2,189	14	22	6,948
Trucks —					
Rigid	34	777	—	—	811
Articulated	5	295	—	2	302
Non-freight carrying	40	38	—	—	78
Buses	71	235	1	—	307
<b>Total (excl. motor cycles)</b>	<b>45,477</b>	<b>4,498</b>	<b>24</b>	<b>109</b>	<b>50,108</b>
Motor Cycles	1,810	—	—	1	1,811

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
<b>Total motor vehicles(b)</b>	<b>3,161.8</b>	<b>2,648.0</b>	<b>1,827.6</b>	<b>876.9</b>	<b>1,073.1</b>	<b>304.1</b>	<b>79.9</b>	<b>168.3</b>	<b>10,139.8</b>
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
<b>Total other vehicles</b>	<b>639.6</b>	<b>570.8</b>	<b>491.2</b>	<b>256.2</b>	<b>312.7</b>	<b>73.4</b>	<b>21.2</b>	<b>28.2</b>	<b>2,393.4</b>

(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 23 — 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 non-seasonal 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. In particular, new factors have been calculated and were incorporated in the October 1993 edition of this publication. 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 September 1991* (9309.0) — issued triennially.

*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.

IAN CASTLES  
Australian Statistician







## For more information ...

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the *ABS Catalogue of Publications and Products* available at all ABS Offices (see below for contact details).

### Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

### National Dial-a-Statistic Line

0055 86 400

(Steadycom P/L: premium rate 25c/21.4 secs.)

This number gives 24-hour access, 365 days a year for a range of statistics.

### Electronic Data Services

Selections of most frequently requested statistics are available, updated daily, on DISCOVERY (Key \*656#). For more details on electronic data services available, contact Information Services in any of the ABS Offices (see Information Inquiries below for contact details).

### Bookshops and Subscriptions

There are over 500 titles of various publications available from ABS bookshops in all ABS Offices (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are provided by mail on a regular basis at no additional cost (telephone Publications Subscription Service toll free on 008 02 0608 Australia wide).

## Sales and Inquiries

Regional Offices	Information Inquiries	Bookshop Sales
SYDNEY (02)	268 4611	268 4620
MELBOURNE (03)	615 7000	615 7829
BRISBANE (07)	222 6351	222 6350
PERTH (09)	323 5140	323 5307
ADELAIDE (08)	237 7100	237 7582
HOBART (002)	20 5800	20 5800
CANBERRA (06)	207 0315	207 0315
DARWIN (089)	43 2111	43 2111
<b>National Office</b>		
ACT (06)	252 6007	008 020 608

### ABS Email Addresses

Keylink	STAT.INFO/ABS
X.400	(C:AU,A:TELMEMO,O:ABS,SN:INFO,FN:STAT)
INTERNET	STAT.INFO@ABS. TELEMEMO.AU



Information Services, ABS, PO Box 10, Belconnen ACT 2616

