



**Australian
Bureau of
Statistics**

**October 1990
Motor Vehicle Registrations
Australia**

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**MOTOR VEHICLE REGISTRATIONS
AUSTRALIA
OCTOBER 1990**

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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 9303.0

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These detailed statistics replace totals published in the publication *Registrations of New Motor Vehicles, Australia, October 1990 Preliminary* (9301.0) on 29 November 1990.

NOTE: Caution needs to be exercised when interpreting month to month movements in the original and seasonally adjusted statistics of new motor vehicle registrations. The series are affected by variations in the rate of processing of records and in the number of records attributed to a particular calendar month. The Victorian State registration system is particularly affected, although the situation in that State has improved considerably in recent months. More reliance should be placed on average movements reflected in the trend estimates.

SUMMARY OF FINDINGS

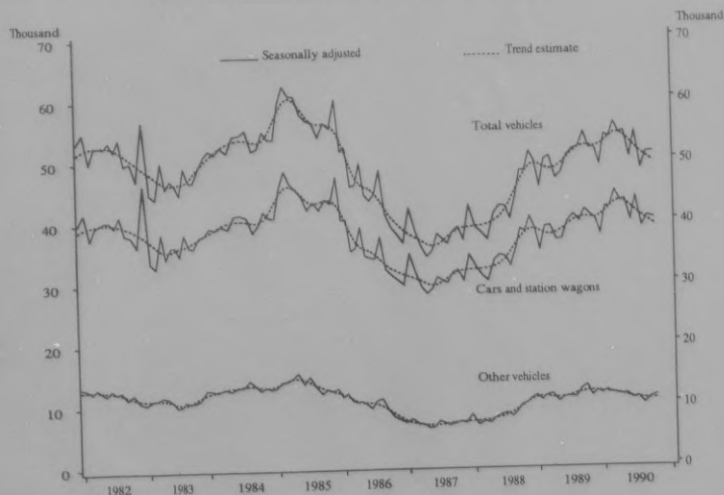
Registrations for the month of October 1990

The original, seasonally adjusted and trend estimates of total motor vehicle registrations for October 1989, September 1990 and October 1990 are:

	October 1989	September 1990	October 1990	Oct. '89 - Oct. '90 % change	Sep. '90 - Oct. '90 % change
Original	51,183	50,261	53,545	+4.6	+6.5
Seasonally adjusted	51,524	50,793	50,852	-1.3	+0.1
Trend	51,876	49,957	49,266	-5.0	-1.4

Note: In this issue the seasonally adjusted series have been revised.

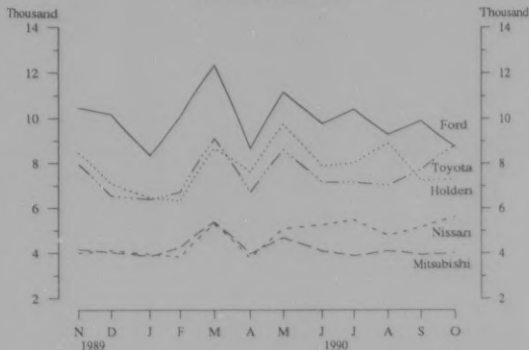
CHART 1 : REGISTRATIONS OF NEW MOTOR VEHICLES



In seasonally adjusted terms, new motor vehicle registrations for October 1990 increased by 0.1 per cent over September 1990 and decreased by 1.3 per cent compared with October 1989. The trend estimate for total registrations declined for the seventh consecutive month.

Registrations of new motor vehicles, October 1990.

CHART 2: REGISTRATIONS OF NEW CARS AND
STATION WAGONS BY MAKE OF VEHICLE
12 Months to October 1990



For the month of October, Toyota recorded the highest number of car and station wagon registrations (8,810) for the first time. They were marginally ahead of Ford with 8,771 registrations. Toyota's 21.0 per cent share of these new registrations was mainly due to their increase of 1,073 from September and a fall of 1,136 for Ford.

The other leading makes (Holden, Nissan and Mitsubishi) all showed increased registrations. With the addition of Toyota and Ford, the five makes accounted for 82.5 per cent of October new car and station wagon registrations.

Ford still dominated the car and station wagon list for the financial year to date with 38,388. For the same four months ending October, Holden was second with 31,514, followed by Toyota with 30,747 registrations. Nissan registered 21,081 and Mitsubishi 15,966 for the four month period.

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

Period	Motor cars and station wagons			Other vehicles(a)			Total(a)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1989-90 —									
August	42,169	39,530	40,115	12,621	12,085	11,494	54,790	51,615	51,609
September	42,996	41,480	40,251	12,236	12,618	11,676	55,232	54,098	51,927
October	40,314	40,612	40,143	10,869	10,912	11,733	51,183	51,524	51,876
November	41,346	39,916	40,087	11,919	11,691	11,673	53,265	51,607	51,760
December	37,271	37,422	40,441	9,897	11,334	11,576	47,168	48,756	52,017
January	34,718	41,887	41,129	9,494	11,740	11,467	44,212	53,628	52,596
February	37,665	41,911	41,960	10,548	11,450	11,386	48,213	53,361	53,346
March	49,754	44,479	42,625	12,418	11,170	11,284	62,172	55,649	53,909
April	37,385	42,473	42,869	9,899	11,033	11,084	47,284	53,906	53,953
May	47,477	43,066	42,617	12,876	11,175	10,822	60,353	54,241	53,440
June	40,858	39,832	41,943	11,605	10,406	10,598	52,463	50,038	52,541
1990-91 —									
July	44,633	43,475	41,127	11,230	10,649	10,442	55,863	54,124	51,569
August	40,633	38,600	40,358	10,048	9,522	10,361	50,681	48,122	50,718
September	40,401	40,284	39,625	9,860	10,509	10,332	50,261	50,793	49,957
October	41,902	39,946	38,927	11,643	10,906	10,339	53,545	50,852	49,266

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers.

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

Period	Motor cars and station wagons		Panel vans	Trucks			Buses	Total (excludes motor cycles)	Motor cycles
	Utilities			Rigid	Articulated	Non-freight carrying(a)			
1987-88	384,203	29,821	18,292	28,596	2,811	1,602	5,495	470,820	18,532
1988-89	447,911	44,260	28,070	36,973	3,668	1,668	6,671	569,221	19,076
1989-90	492,235	49,404	32,617	41,074	4,065	1,815	6,552	627,762	20,453
1989-90 —									
August	42,169	4,517	2,972	3,997	363	168	604	54,790	1,559
September	42,996	4,472	2,587	4,052	401	174	550	55,232	1,627
October	40,314	4,132	2,551	3,092	344	146	604	51,183	1,665
November	41,346	4,292	3,019	3,459	425	204	520	53,265	1,810
December	37,271	3,553	2,448	3,098	244	128	426	47,168	1,753
January	34,718	3,612	2,351	2,601	248	123	559	44,212	1,726
February	37,665	3,982	2,554	3,155	250	97	510	48,213	1,793
March	49,754	4,313	3,164	3,795	367	161	618	62,172	1,846
April	37,385	3,616	2,307	3,012	368	114	482	47,284	1,722
May	47,477	4,767	3,165	3,803	361	170	610	60,353	1,821
June	40,858	4,225	2,935	3,380	353	187	525	52,463	1,586
1990-91 —									
July	44,633	3,926	2,872	3,395	288	192	557	55,863	1,407
August	40,633	3,556	2,662	2,890	214	165	561	50,681	1,388
September	40,401	3,770	2,575	2,675	226	136	478	50,261	1,627
October	41,902	4,523	2,762	3,328	230	192	608	53,545	2,069

(a) Formerly 'other truck type vehicles'.

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

Period	STATE / TERRITORY								
	NSW			Vic.			Qld		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1989-90—									
August	19,978	18,951	17,963	13,875	13,240	14,306	8,990	8,465	8,476
September	18,407	17,960	18,320	17,522	17,004	14,272	7,841	7,853	8,506
October	18,964	19,394	18,721	12,090	11,925	13,795	9,254	9,430	8,550
November	19,907	19,350	19,027	13,306	12,997	13,263	8,542	8,456	8,607
December	15,340	16,446	19,187	13,818	14,225	13,142	7,691	7,779	8,684
January	18,218	22,148	19,201	8,440	10,633	13,491	8,003	9,484	8,728
February	17,288	18,852	19,169	12,051	13,856	14,115	8,257	9,002	8,767
March	21,025	19,173	19,094	19,521	16,640	14,668	9,401	8,589	8,817
April	14,715	16,850	18,916	14,463	16,307	14,886	7,433	8,582	8,894
May	23,404	20,274	18,687	15,066	14,413	14,639	10,455	9,058	9,003
June	20,071	18,669	18,456	12,378	12,443	14,063	8,919	8,369	9,076
1990-91—									
July	19,266	18,672	18,335	15,627	14,227	13,296	10,613	10,577	9,121
August	17,614	16,914	18,268	12,055	11,606	12,627	8,987	8,401	9,098
September	18,093	18,230	18,208	12,701	12,583	12,128	8,747	9,120	8,993
October	19,580	18,804	18,218	13,310	12,610	11,695	9,614	8,978	8,849
	SA			WA			Tas (b)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1989-90—									
August	3,767	3,432	3,446	5,310	4,859	4,770	1,099		1,131
September	4,027	3,841	3,432	4,554	4,683	4,721	1,113		1,097
October	3,292	3,275	3,440	4,806	4,678	4,702	1,088		1,084
November	3,750	3,370	3,489	4,843	4,705	4,727	1,253		1,106
December	3,336	3,471	3,582	4,281	4,460	4,792	1,461		1,157
January	2,924	3,670	3,688	4,609	5,187	4,863	961		1,215
February	3,769	4,041	3,777	4,536	4,938	4,882	1,105		1,261
March	4,025	3,619	3,841	5,291	4,806	4,826	1,317		1,284
April	3,720	4,342	3,863	4,262	4,918	4,706	1,022		1,286
May	3,793	3,533	3,865	4,888	4,457	4,558	1,271		1,272
June	3,845	3,701	3,867	4,524	4,204	4,419	1,166		1,244
1990-91—									
July	3,706	3,852	3,874	4,037	4,185	4,323	1,126		1,215
August	4,323	4,018	3,878	4,877	4,473	4,264	1,245		(c)
September	4,110	4,053	3,858	4,035	4,303	4,216	1,270		(c)
October	4,068	3,892	3,808	4,385	4,092	4,170	1,135		(c)
	NT(b)			ACT(b)		Australia			
	Original	Trend estimate		Original	Trend estimate	Original	Seasonally adjusted	Trend estimate	
1989-90—									
August	544	457	1,227	1,059	54,790	51,615	51,609		
September	471	464	1,297	1,115	55,232	54,098	51,927		
October	486	467	1,203	1,117	51,183	51,524	51,876		
November	462	467	1,202	1,075	53,265	51,607	51,760		
December	360	463	881	1,010	47,168	48,756	52,017		
January	367	459	690	951	44,212	53,628	52,596		
February	434	455	773	920	48,213	53,361	53,346		
March	518	459	1,074	921	62,172	55,649	53,909		
April	408	465	861	935	47,284	53,906	53,953		
May	508	473	968	943	60,353	54,241	53,440		
June	538	478	1,022	939	52,463	50,038	52,541		
1990-91—									
July	529	478	959	926	55,863	54,124	51,569		
August	559	(c)	1,021	(c)	50,681	48,122	50,718		
September	445	(c)	860	(c)	50,261	50,793	49,957		
October	485	(c)	968	(c)	53,545	50,852	49,266		

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers. (b) See paragraph 8 of the Explanatory Notes. (c) Trend estimates for this series for the most recent months are subject to significant revision and are not considered sufficiently reliable to release separately.

TABLE 4. REGISTRATIONS OF NEW MOTOR VEHICLES BY TYPE OF VEHICLE, OCTOBER 1990

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Motor cars and station wagons	14,694	10,945	7,435	3,448	3,337	865	318	860	41,902	30,295
Utilities	1,383	724	1,465	253	408	124	126	40	4,523	2,157
Panel vans	1,813	84	369	140	260	46	15	35	2,762	2,034
Trucks —										
Rigid	1,115	1,402	198	174	316	81	14	28	3,328	1,999
Articulated	110	64	28	11	12	3	2	—	230	128
Non-freight carrying(b)	63	41	41	33	6	4	3	1	192	136
Buses	402	50	78	9	46	12	7	4	608	401
Total (excl. motor cycles)	19,580	13,310	9,614	4,068	4,385	1,135	485	968	53,545	37,150
Capital cities(a)	13,595	9,955	5,304	3,269	3,530	529	..	968	37,150	37,150
Other areas	5,985	3,355	4,310	799	855	606	485	..	16,395	..
Motor cycles	563	460	425	159	333	48	50	31	2,069	1,088

(a) See paragraph 13 of the Explanatory Notes. (b) Formerly 'other truck type vehicles'.

TABLE 5. REGISTRATIONS OF NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS AND TRAILERS OCTOBER 1990

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Tractors	21	178	75	18	13	8	4	—	317	77
Plant and equipment	119	94	58	9	57	15	8	3	363	187
Caravans	119	46	59	46	70	5	3	—	348	193
Trailers	1,663	457	1,216	533	665	267	93	96	4,990	2,787
Total	1,922	775	1,408	606	805	295	108	99	6,018	3,244

(a) See paragraph 13 of the Explanatory Notes.

TABLE 6. REGISTRATIONS OF NEW MOTOR VEHICLES BY TYPE OF VEHICLE FOUR MONTHS ENDED OCTOBER 1990-91 AND 1989-90

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Motor cars and station wagons	56,300	45,742	29,982	13,519	13,555	3,705	1,384	3,382	167,569	120,534
Utilities	4,816	2,159	5,324	1,068	1,305	448	487	168	15,775	7,041
Panel vans	7,389	280	1,288	606	944	189	55	120	10,871	7,934
Trucks —										
Rigid	4,120	4,874	783	779	1,241	344	34	113	12,288	7,154
Articulated	367	289	153	40	54	28	23	4	958	489
Non-freight carrying(b)	201	136	175	116	30	16	5	6	685	459
Buses	1,360	213	256	79	205	46	30	15	2,204	1,460
Total (excl. motor cycles)										
— 4 months ended October										
1990-91	74,553	53,693	37,961	16,207	17,334	4,776	2,018	3,808	210,350	145,071
1989-90	74,201	59,922	34,630	13,855	19,229	4,387	1,877	4,531	212,632	149,931
Motor cycles										
— 4 months ended October										
1990-91	1,750	1,559	1,523	531	895	120	168	145	6,691	3,458
1989-90	1,668	1,484	1,307	573	983	123	139	119	6,396	3,299

(a) See paragraph 13 of the Explanatory Notes. (b) Formerly 'other truck type vehicles'.

TABLE 7. REGISTRATIONS OF NEW MOTOR CARS AND STATION WAGONS BY MAKE OF VEHICLE: AUSTRALIA

Make	August 1990	September 1990	October 1990	October 1989
Alfa Romeo	31	39	25	71
Audi	60	115	82	41
Bentley	1	—	1	3
B.M.W.	295	336	357	326
Cadillac	—	1	—	—
Chevrolet	1	1	1	5
Citroen	15	12	7	8
Daihatsu	1,049	1,048	1,353	583
Daimler	—	1	2	6
Ferrari	1	—	—	4
Fiat	2	1	3	3
Ford	9,298	9,907	8,771	10,822
FSM	26	18	22	48
Holden	8,923	7,249	7,323	8,075
Honda	863	887	1,029	961
Hyundai	641	715	784	466
Isuzu	—	1	—	—
Jaguar	8	13	23	68
Jeep	1	—	1	4
Lada	118	56	114	203
Lamborghini	—	—	1	—
Land Rover	1	—	1	3
Leyland	1	1	—	—
Lotus	—	—	1	—
Maserati	1	1	—	—
Mazda	1,670	1,451	1,712	1,348
Mercedes-Benz	125	107	100	208
Mitsubishi	4,108	3,945	4,030	4,182
Morgan	—	—	—	1
Nissan	4,790	5,173	5,639	4,459
Peugeot	33	60	47	94
Pontiac	2	—	2	1
Porsche	14	15	13	14
Range Rover	15	17	14	31
Renault	6	2	19	5
Rolls Royce	2	2	—	2
Rover	16	12	11	49
Saab	63	70	67	112
Subaru	652	708	667	436
Suzuki	494	478	564	225
Toyota	7,026	7,737	8,810	7,209
Triumph	2	—	—	—
Volkswagen	28	28	42	13
Volvo	191	160	224	200
Yamaha	29	—	1	—
Other and unknown	31	34	39	25
Total	40,633	40,401	41,902	40,314

TABLE 8. REGISTRATIONS OF NEW UTILITIES, PANEL VANS, TRUCKS, AND BUSES BY MAKE OF VEHICLE, AUSTRALIA

Make	August 1990	Sept. 1990	October 1990						
	Total	Total	Utilities	Panel vans	Trucks			Buses	Total
					Rigid	Articulated	Non-freight carrying(a)		
Austral	—	3	—	—	—	—	—	1	1
Bedford	1	—	—	—	—	—	—	1	1
Chevrolet	1	—	1	—	—	—	—	—	1
Custom Carrier	2	—	—	—	1	—	—	—	1
Daf	5	3	—	—	1	2	—	—	3
Daihatsu	160	150	27	78	88	—	1	—	194
Denning	2	3	—	—	—	—	—	3	3
Dodge	1	—	—	—	—	—	—	—	—
Ford	1,684	1,677	830	561	415	34	50	1	1,891
Freight Liner	6	7	—	—	—	6	—	—	6
Hino	176	129	—	8	88	1	22	12	131
Holden	868	1,007	847	44	225	1	5	—	1,122
Hyundai	1	—	—	—	—	—	—	—	—
International	90	87	—	5	65	32	17	—	119
Isuzu	296	299	6	41	284	3	19	3	356
Kenworth	33	35	—	—	2	31	1	—	34
Lada	25	18	—	14	2	—	—	—	16
Land Rover	1	7	—	—	—	—	—	—	—
Leyland	3	1	—	—	1	—	—	6	7
Mack	31	27	—	—	1	13	—	—	14
Man	13	3	—	—	1	—	1	6	8
Mazda	403	401	169	106	218	1	10	17	521
MCA	1	3	—	—	—	—	—	3	3
Mercedes-Benz	56	61	1	—	24	14	1	14	54
Mitsubishi	1,118	1,112	289	420	457	2	11	46	1,225
Nissan	1,050	990	392	448	366	12	4	69	1,291
Nissan UD	2	3	—	—	—	—	—	—	—
Range Rover	16	16	—	10	—	—	—	—	10
Renault	3	2	—	—	—	—	—	2	2
R.F.W.	—	—	—	—	—	—	2	—	2
Scania	40	45	—	—	8	19	1	8	36
Subaru	305	364	354	79	13	—	—	—	446
Suzuki	348	277	251	109	24	—	—	—	384
Toyota	3,091	2,982	1,338	806	983	1	31	394	3,553
Volkswagen	88	50	2	31	16	—	1	11	61
Volvo	89	68	—	1	45	46	4	8	104
Western Star	7	7	—	—	—	6	—	—	6
Other and unknown	32	23	16	1	—	6	11	3	37
Total	10,048	9,860	4,523	2,762	3,328	230	192	608	11,643

(a) Formerly 'other truck type vehicles'.

TABLE 9. REGISTRATIONS OF NEW MOTOR CARS AND STATION WAGONS BY MAKE OF VEHICLE,
OCTOBER 1990

Make	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Alfa Romeo	13	5	2	2	1	—	1	1	25	21
Audi	54	5	16	1	5	—	—	1	82	72
Bentley	1	—	—	—	—	—	—	—	1	1
B.M.W.	138	104	53	26	26	—	—	10	357	306
Chevrolet	—	1	—	—	—	—	—	—	1	1
Citroen	5	—	—	1	1	—	—	—	7	3
Daihatsu	611	193	301	92	102	21	2	31	1,353	961
Daimler	1	—	—	1	—	—	—	—	2	2
Fiat	2	1	—	—	—	—	—	—	3	2
Ford	3,111	2,440	1,525	641	668	146	52	188	8,771	6,205
FSM	4	5	8	—	4	—	—	1	22	12
Holden	2,632	1,956	1,103	727	542	150	79	134	7,323	5,223
Honda	406	277	182	56	86	10	2	10	1,029	844
Hyundai	271	143	156	56	128	1	4	25	784	546
Jaguar	9	3	3	1	5	2	—	—	23	17
Jeep	—	—	—	—	—	—	—	—	1	1
Lada	16	13	58	—	24	2	—	1	114	75
Lamborghini	—	1	—	—	—	—	—	—	1	1
Land Rover	—	1	—	—	—	—	—	—	1	—
Lotus	—	1	—	—	—	—	—	—	1	1
Mazda	626	426	328	134	133	18	9	38	1,712	1,298
Mercedes-Benz	41	22	17	3	4	2	—	11	100	85
Mitsubishi	1,105	1,040	741	570	355	114	15	90	4,030	2,893
Nissan	1,885	1,660	932	378	489	134	25	136	5,639	4,197
Peugeot	21	9	7	3	1	3	—	3	47	39
Pontiac	1	1	—	—	—	—	—	—	2	2
Porsche	5	5	—	2	—	1	—	—	13	13
Range Rover	2	9	3	—	—	—	—	—	14	11
Renault	8	5	—	1	5	—	—	—	19	13
Rover	10	—	—	1	—	—	—	—	11	11
Saab	26	23	9	4	2	2	1	—	67	55
Subaru	296	130	72	69	43	29	3	25	667	423
Suzuki	146	163	137	47	45	2	7	17	564	417
Toyota	3,130	2,220	1,729	609	643	225	117	137	8,810	6,297
Volkswagen	11	13	11	1	3	1	1	1	42	34
Volvo	93	60	39	12	18	2	—	—	224	182
Yamaha	—	—	—	—	1	—	—	—	1	1
Other and unknown	14	10	2	10	3	—	—	—	39	30
Total	14,694	10,945	7,435	3,448	3,337	865	318	860	41,902	30,295

(a) See paragraph 13 of the Explanatory Notes.

TABLE 10. REGISTRATIONS OF NEW MOTOR CARS AND STATION WAGONS BY TARE WEIGHT AND MAKE OF VEHICLE
AUSTRALIA, OCTOBER 1990

Make	Tare weight (kg)						Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500	Not stated	
Alfa Romeo	4	8	3	7	—	3	25
Audi	—	11	65	4	—	2	82
Bentley	—	—	—	—	1	—	1
B.M.W.	2	160	73	62	24	36	357
Chevrolet	—	—	—	1	—	—	1
Citroen	2	4	—	—	—	1	7
Daihatsu	948	187	27	10	6	175	1,353
Daimler	—	—	—	—	1	—	2
Fiat	2	—	1	—	—	—	3
Ford	46	3,209	468	3,344	673	1,031	8,771
FSM	19	—	—	—	—	3	22
Holden	678	446	2,053	2,705	293	1,148	7,323
Honda	199	417	300	15	3	95	1,029
Hyundai	22	558	117	2	—	85	784
Jaguar	—	—	—	—	19	4	23
Jeep	—	—	—	1	—	—	1
Lada	11	55	23	2	5	18	114
Lamborghini	—	1	—	—	—	—	1
Land Rover	—	1	—	—	—	—	1
Lotus	1	—	—	—	—	—	1
Mazda	107	613	646	108	7	231	1,712
Mercedes-Benz	—	1	21	34	37	7	100
Mitsubishi	24	627	2,155	237	187	800	4,030
Nissan	15	2,677	1,100	709	415	723	5,639
Peugeot	2	24	8	3	2	8	47
Pontiac	—	—	—	1	1	—	2
Porsche	—	—	5	—	1	2	13
Range Rover	—	—	—	—	14	—	14
Renault	—	—	16	2	—	1	19
Rover	—	1	—	9	—	1	11
Saab	—	—	40	15	—	12	67
Subaru	10	139	366	36	—	116	667
Suzuki	338	133	4	2	—	87	564
Toyota	25	2,469	3,575	815	654	1,272	8,810
Volkswagen	1	24	—	8	6	3	42
Volvo	1	1	66	131	7	18	224
Yamaha	1	—	—	—	—	—	1
Other and unknown	9	6	2	—	12	10	39
Total	2,467	11,772	11,134	8,268	2,368	5,893	41,902

TABLE 11. REGISTRATIONS OF NEW UTILITIES BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
Chevrolet	—	1	—	—	—	—	—	—	1
Daihatsu	3	1	16	1	6	—	—	—	27
Ford	239	183	221	58	67	35	19	8	830
Holden	261	198	202	56	77	18	25	10	847
Isuzu	—	—	2	1	—	—	3	—	6
Mazda	46	7	72	14	19	2	5	4	169
Mercedes-Benz	—	1	—	—	—	—	—	—	1
Mitsubishi	63	32	111	28	22	18	15	—	289
Nissan	99	80	126	29	30	20	3	5	392
Subaru	173	83	46	22	22	8	—	—	354
Suzuki	149	9	17	5	70	—	1	—	251
Toyota	347	127	644	38	91	23	55	13	1,338
Volkswagen	1	—	—	1	—	—	—	—	2
Other and unknown	2	2	8	—	4	—	—	—	16
Total	1,383	724	1,465	253	408	124	126	40	4,523
									2,157

(a) See paragraph 13 of the Explanatory Notes.

TABLE 12. REGISTRATIONS OF NEW UTILITIES BY TARE WEIGHT AND MAKE OF VEHICLE
AUSTRALIA, OCTOBER 1990

Make	Tare weight (kg)						Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500	Not stated	
Chevrolet	—	—	—	—	1	—	1
Daihatsu	—	1	8	5	8	5	27
Ford	4	3	164	433	137	89	830
Holden	5	6	379	317	64	76	847
Isuzu	—	4	26	1	66	17	169
Mazda	—	—	—	—	1	—	1
Mercedes-Benz	—	—	96	54	56	59	289
Mitsubishi	—	6	109	138	101	38	392
Nissan	13	322	3	1	—	15	354
Subaru	50	189	—	—	1	11	251
Suzuki	2	43	410	246	474	163	1,338
Toyota	—	—	1	1	—	—	2
Volkswagen	—	—	10	—	—	4	16
Other and unknown	1	1	—	—	—	—	—
Total	75	599	1,206	1,252	910	481	4,523

TABLE 13. REGISTRATIONS OF NEW PANEL VANS BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
Daihatsu	57	—	5	10	1	—	5	—	54
Ford	287	73	70	34	64	14	1	18	448
Hino	7	1	—	—	—	—	—	—	7
Holden	39	—	—	3	—	1	—	—	44
International	5	—	—	—	—	—	—	—	5
Isuzu	36	1	—	1	—	3	—	—	39
Lada	14	—	—	—	—	—	—	—	14
Mazda	48	5	19	4	25	3	1	1	106
Mitsubishi	264	—	84	29	31	8	2	2	296
Nissan	315	—	75	23	27	2	4	2	336
Range Rover	10	—	—	—	—	—	—	—	9
Subaru	30	—	20	8	12	3	—	6	79
Suzuki	71	1	7	2	28	—	—	—	109
Toyota	607	3	82	26	70	11	2	5	806
Volkswagen	22	—	6	—	2	1	—	—	31
Volvo	1	—	—	—	—	—	—	—	1
Other and unknown	—	—	1	—	—	—	—	—	—
Total	1,813	84	369	140	260	46	15	35	2,762

(a) See paragraph 13 of the Explanatory Notes.

TABLE 14. REGISTRATIONS OF NEW PANEL VANS BY TARE WEIGHT AND MAKE OF VEHICLE
AUSTRALIA, OCTOBER 1990

Make	Tare weight (kg)						Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500	Not stated	
Daihatsu	13	—	33	4	22	6	78
Ford	2	2	95	354	79	29	561
Hino	—	—	—	—	8	—	8
Holden	—	—	—	7	36	1	44
International	—	—	—	—	5	—	5
Isuzu	—	—	—	—	38	3	41
Lada	—	—	14	—	—	—	14
Mazda	—	—	9	78	9	10	106
Mitsubishi	—	3	217	24	148	27	420
Nissan	—	3	92	67	268	18	448
Range Rover	—	—	—	—	10	—	10
Subaru	59	5	—	—	—	15	79
Suzuki	16	91	—	—	—	2	109
Toyota	—	19	64	199	493	31	806
Volkswagen	—	—	15	9	4	3	31
Volvo	—	—	—	—	1	—	1
Other and unknown	—	—	1	—	—	—	—
Total	91	123	540	742	1,121	145	2,762

TABLE 15. REGISTRATIONS OF NEW RIGID TRUCKS BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Custom Carrier	—	—	—	—	1	—	—	—	1
Daf	—	—	1	—	—	—	—	—	1
Daihatsu	37	25	13	3	10	—	—	—	88
Ford	114	207	20	28	30	9	3	4	415
Hino	44	10	12	9	8	2	2	1	88
Holden	92	88	1	8	23	12	—	1	225
International	26	16	12	9	1	—	—	1	65
Isuzu	102	76	43	26	26	6	2	3	284
Kenworth	1	1	—	—	—	—	—	—	2
Lada	—	2	—	—	—	—	—	—	2
Leyland	—	1	—	—	—	—	—	—	1
Mack	—	—	—	—	—	1	—	—	1
Man	—	—	1	—	—	—	—	—	1
Mazda	77	89	16	11	13	5	1	6	218
Mercedes-Benz	6	10	3	1	3	—	1	—	24
Mitsubishi	107	246	31	24	37	9	2	1	457
Nissan	115	175	12	21	32	10	—	1	366
Scania	3	4	1	—	—	—	—	—	8
Subaru	—	13	—	—	—	—	—	—	13
Suzuki	2	22	—	—	—	—	—	—	24
Toyota	360	403	28	32	122	25	3	10	983
Volkswagen	8	8	—	—	—	—	—	—	16
Volvo	21	6	4	2	10	2	—	—	45
Total	1,115	1,402	198	174	316	81	14	28	3,328

(a) See paragraph 13 of the Explanatory Notes.

TABLE 16. REGISTRATIONS OF NEW RIGID TRUCKS BY GROSS VEHICLE MASS AND MAKE OF VEHICLE AUSTRALIA, OCTOBER 1990

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	
Custom Carrier	—	—	—	—	1	—	—	1
Daf	—	—	—	—	—	1	—	1
Daihatsu	20	43	—	—	—	—	25	88
Ford	111	77	8	2	5	11	201	415
Hino	2	—	24	44	1	10	7	88
Holden	139	1	—	—	—	—	85	225
International	—	—	5	17	9	26	8	65
Isuzu	8	115	61	54	4	15	27	284
Kenworth	—	—	—	—	1	1	—	2
Lada	—	—	—	—	—	—	2	2
Leyland	—	—	—	—	—	—	1	1
Mack	—	—	—	—	—	1	—	1
Man	—	—	—	—	—	1	—	1
Mazda	84	49	3	—	—	—	82	218
Mercedes-Benz	1	1	1	6	2	6	7	24
Mitsubishi	104	78	27	30	7	23	188	457
Nissan	138	18	20	14	4	12	160	366
Scania	—	1	—	—	3	2	2	8
Subaru	—	—	—	—	—	—	11	13
Suzuki	3	—	—	—	—	—	21	24
Toyota	491	102	2	1	—	—	387	983
Volkswagen	7	—	—	—	—	—	9	16
Volvo	—	—	—	23	1	19	2	45
Total	1,110	485	151	191	38	128	1,225	3,328

TABLE 17. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
Daf	2	—	—	—	—	—	—	—	2
Ford	19	8	4	1	1	—	1	—	34
Freight Liner	1	5	—	—	—	—	—	—	6
Hino	1	—	—	—	—	—	—	—	1
Holden	1	—	—	—	—	—	—	—	1
International	16	11	3	2	—	—	—	—	32
Isuzu	2	1	—	—	—	—	—	—	3
Kenworth	20	8	—	2	1	—	—	—	31
Mack	5	7	—	1	—	—	—	—	13
Mazda	1	—	—	—	—	—	—	—	1
Mercedes-Benz	1	7	2	1	3	—	—	—	14
Mitsubishi	—	—	—	—	2	—	—	—	2
Nissan	8	—	4	—	—	—	—	—	12
Scania	14	1	—	1	1	—	—	—	19
Toyota	1	—	—	—	—	1	1	—	1
Volvo	17	14	6	3	4	2	—	—	46
Western Star	1	2	3	—	—	—	—	—	6
Other and unknown	—	—	6	—	—	—	—	—	6
Total	110	64	28	11	12	3	2	—	230

(a) See paragraph 13 of the Explanatory Notes.

TABLE 18. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY GROSS COMBINATION MASS AND MAKE OF VEHICLE AUSTRALIA, OCTOBER 1990

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	
Daf	—	2	—	—	—	—	2
Ford	2	16	1	1	13	1	34
Freight Liner	—	1	—	—	5	—	6
Hino	1	—	—	—	—	—	1
Holden	—	—	—	—	—	1	1
International	7	9	1	1	13	1	32
Isuzu	2	1	—	—	—	—	3
Kenworth	2	19	—	—	10	—	31
Mack	1	2	—	—	7	3	13
Mazda	1	—	—	—	—	—	1
Mercedes-Benz	1	—	1	1	10	1	14
Mitsubishi	1	—	—	—	1	—	2
Nissan	4	7	—	—	1	—	12
Scania	3	11	—	1	2	2	19
Toyota	1	—	—	—	—	—	1
Volvo	3	8	2	6	24	3	46
Western Star	—	1	—	—	5	—	6
Other and unknown	—	—	—	—	6	—	6
Total	29	77	5	10	97	12	230

TABLE 19. REGISTRATIONS OF NON-FREIGHT CARRYING TRUCKS (a) BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (b)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
Daihatsu	—	—	—	1	—	—	—	—	1
Ford	16	9	18	3	3	1	—	—	80
Hino	3	3	2	14	—	—	—	—	22
Holden	—	2	1	—	—	—	2	—	5
International	7	3	6	—	—	1	—	—	17
Isuzu	11	3	5	—	—	—	—	—	19
Kenworth	—	—	1	—	—	—	—	—	1
Man	1	—	—	—	—	1	—	1	10
Mazda	—	5	—	1	2	1	—	—	1
Mercedes-Benz	—	1	—	—	—	1	1	—	11
Mitsubishi	5	1	2	1	—	—	—	—	4
Nissan	1	1	2	—	—	—	—	—	2
R.F.W.	—	2	—	—	—	—	—	—	1
Scania	1	—	—	—	—	—	—	—	1
Toyota	14	8	2	6	1	—	—	—	31
Volkswagen	2	—	2	—	—	—	—	—	1
Volvo	1	3	—	7	—	—	—	—	4
Other and unknown	—	—	—	—	—	—	—	—	11
Total	63	41	41	33	6	4	3	1	192

(a) Formerly 'other truck type vehicles.' (b) See paragraph 13 of the Explanatory Notes.

TABLE 20. REGISTRATIONS OF NEW BUSES BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Austral	1	—	—	—	—	—	—	—	1	—
Bedford	—	1	—	—	—	—	—	—	1	1
Denning	—	1	1	—	—	—	1	—	3	1
Ford	—	—	—	—	—	—	—	1	1	1
Hino	3	4	1	1	2	—	1	—	12	5
Isuzu	1	1	—	—	—	—	1	—	3	—
Leyland	6	—	—	—	—	—	—	—	6	3
Man	5	1	—	—	—	—	—	—	6	4
Mazda	6	5	3	—	2	1	—	—	17	9
MCA	1	—	1	—	—	1	—	—	3	—
Mercedes-Benz	7	2	1	1	1	2	—	—	14	8
Mitsubishi	46	—	—	—	—	—	—	—	46	31
Nissan	52	8	3	2	2	—	2	—	69	43
Renault	—	—	—	—	2	—	—	—	2	2
Scania	1	2	1	—	—	4	—	—	8	8
Toyota	262	24	60	5	34	4	2	3	394	269
Volkswagen	10	—	—	—	1	—	—	—	11	8
Volvo	1	—	5	—	2	—	—	—	8	6
Other and unknown	—	1	2	—	—	—	—	—	3	2
Total	402	50	78	9	46	12	7	4	608	401

(a) See paragraph 13 of the Explanatory Notes.

TABLE 21. REGISTRATIONS OF NEW BUSES BY TARE WEIGHT AND MAKE OF VEHICLE
AUSTRALIA, OCTOBER 1990

Make	Tare weight (kg)					Total
	1500 and under	1501 to 5000	5001 to 10000	Over 10000	Not stated	
Austral	—	—	—	1	—	1
Bedford	—	—	—	—	—	1
Denning	—	—	—	2	1	3
Ford	1	—	—	—	—	1
Hino	—	1	9	1	1	12
Isuzu	—	—	2	—	1	3
Leyland	1	—	1	4	—	6
Man	—	—	3	3	—	6
Mazda	—	16	—	—	1	17
MCA	—	—	1	1	1	3
Mercedes-Benz	—	—	12	—	2	14
Mitsubishi	43	3	—	—	—	46
Nissan	45	22	1	—	1	69
Renault	—	—	2	—	—	2
Scania	—	—	—	4	4	8
Toyota	30	356	—	—	8	394
Volkswagen	5	6	—	—	—	11
Volvo	—	1	4	3	—	8
Other and unknown	—	2	1	—	—	3
Total	125	407	37	19	20	608

TABLE 22. REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE OF VEHICLE, OCTOBER 1990

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
B.M.W.	12	5	1	4	1	1	—	1	25
Ducati	4	2	2	—	2	1	—	—	11
Harley-Davidson	30	15	33	9	40	2	4	1	134
Honda	109	131	95	47	44	5	13	9	453
Husqvarna	1	—	—	—	—	—	—	—	1
Kawasaki	102	101	63	22	55	12	6	4	365
K.T.M.	2	5	—	—	—	—	—	—	7
Moto Guzzi	—	1	—	3	3	—	—	—	7
Suzuki	155	89	87	29	83	15	10	10	478
Triumph	—	—	1	—	—	—	—	—	1
Vespa	—	—	1	—	3	—	1	—	5
Yamaha	147	111	125	45	100	10	16	6	560
Other and unknown	1	—	17	—	2	2	—	—	22
Total	563	460	425	159	333	48	50	31	2,069

(a) See paragraph 13 of the Explanatory Notes.

TABLE 23. REGISTRATIONS OF NEW MOTOR VEHICLES BY FUEL TYPE AND TYPE OF VEHICLE AUSTRALIA, OCTOBER 1990

Type of Vehicle	Fuel type				Total
	Petrol	Diesel	Gas	Other (incl. dual fuel)	
Motor cars and station wagons	41,170	667	33	32	41,902
Utilities	3,456	1,059	2	6	4,523
Panel vans	2,056	694	4	8	2,762
Trucks—					
Rigid	1,436	1,882	1	9	3,328
Articulated	5	225	—	—	230
Non-freight carrying (a)	71	120	—	1	192
Buses	385	223	—	—	608
Total (excl. motor cycles)	48,579	4,870	40	56	53,545
Motor Cycles	2,057	—	—	12	2,069

(a) Formerly 'other truck type vehicles'.

TABLE 24. NUMBER OF VEHICLES ON REGISTER, BY TYPE, 30 JUNE 1990 ('000)

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Motor cars and station wagons	2,414.5	2,137.8	1,272.1	698.9	746.1	220.4	48.2	134.2	7,672.3
Utilities	197.3	150.2	240.3	55.8	74.2	30.8	18.0	7.8	774.6
Panel vans	239.7	44.5	88.7	35.6	72.5	14.6	4.9	5.3	505.8
Trucks—									
Rigid	190.9	210.7	55.6	51.0	83.8	19.5	2.1	4.4	618.0
Articulated	16.8	14.2	10.6	2.1	5.7	(a)	1.2	0.3	50.8
Non-freight carrying (b)	15.2	13.0	9.3	7.3	9.3	0.7	0.3	0.7	55.9
Buses	59.5	13.8	10.7	3.1	8.6	2.0	0.7	1.0	99.2
Total motor vehicles(c)	3,134.0	2,584.3	1,687.3	853.8	1,000.2	287.9	75.4	153.7	9,776.6
Motor cycles	89.8	67.9	64.6	29.7	37.4	6.2	4.1	4.4	304.0
Tractors(d)	5.4	51.2	27.2	2.4	20.0	4.4	0.6	0.4	111.6
Plant and equipment(d)	19.5	18.4	6.1	4.4	10.6	3.9	0.8	0.5	64.1
Caravans	40.5	107.1	39.4	30.9	36.2	5.4	0.9	1.5	281.8
Trailers	507.4	282.6	320.8	179.7	199.8	55.0	13.3	20.0	1,578.6
Total other vehicles	682.5	527.2	458.2	247.1	304.1	74.9	19.6	26.7	2,340.2

(a) Articulated trucks for Tasmania are included with rigid trucks. (b) Formerly 'other truck type vehicles'. (c) Excludes motor cycles, tractors, plant and equipment, caravans and trailers. (d) See paragraph 7 of the Explanatory Notes.

EXPLANATORY NOTES

Introduction

This publication contains detailed information regarding registrations of new motor vehicles and includes particulars of motor cars and station wagons, panel vans and buses classified by make and tare; rigid and articulated trucks by make and gross vehicle mass/gross combination mass; and other truck type vehicles and motor cycles by make. Also included are registrations of new tractors, 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 14 — Related publications).

Scope and coverage

2. 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.

3. In these statistics *registrations* mean registrations processed by the motor vehicle registration authorities in the States and Territories during the period. In Western Australia, South Australia, Tasmania, Northern Territory and the Australian Capital Territory the figures shown depart little from actual registrations during the period. In New South Wales, Victoria and 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.

4. The amount of data that can be published, particularly at the Australian level, is restricted to what is included in motor registry files. For example, details of cubic capacity are not recorded in all States and, consequently, classification of vehicles according to engine size is not possible.

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

6. 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.

7. Vehicles such as tractors (particularly the agricultural types), plant and equipment, and motor vehicles used solely on farms, etc., and not used on public roads are not required to be registered and these are also excluded from the statistics.

Seasonal adjustment

8. Original and seasonally adjusted registrations of new motor vehicles are shown in Tables 1 and 3. In this issue the seasonally adjusted series have been revised. The revision is the result of the annual reanalysis, details of which, together with information regarding the methods used in seasonally adjusting these statistics are available on

request. Seasonally adjusted series are calculated for each State and Territory for the series "Motor cars and station wagons", "Other vehicles" and "Total vehicles", but those series for Tasmania, Northern Territory and Australian Capital Territory are not sufficiently reliable to be released in their own right, though they are included in the Australian aggregate. The component State/Territory "Motor cars and station wagons" 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".

9. 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.

10. 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.

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

12. 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

13. 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

14. 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, 1988-89 (9304.0) — issued annually.

15. 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

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

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