



November 1992
Motor Vehicle Registrations
Australia

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**MOTOR VEHICLE REGISTRATIONS
AUSTRALIA
NOVEMBER 1992**

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 9303.0

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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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Kevin Yeadon on Canberra (06) 252 6255 or any ABS State office.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.

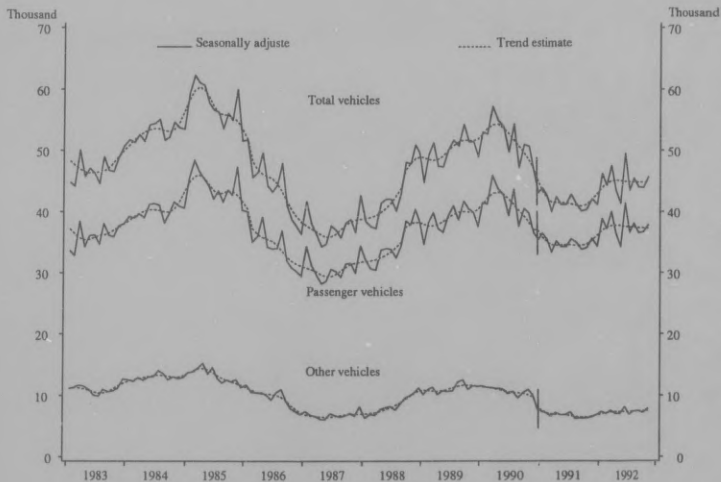
SUMMARY OF FINDINGS

Registrations for the month of November 1992.

The original, seasonally adjusted and trend estimates of total new motor vehicle registrations for November 1991, October 1992 and November 1992 are:

	November 1991	October 1992	November 1992	Nov. 91-Nov. 92 %change	Oct. 92-Nov. 92 % change
Original	41,859	44,440	44,550	+6.4	+0.2
Seasonally adjusted	42,095	43,917	45,703	+8.6	+4.1
Trend	41,948	44,802	44,783	+6.8	0.0

REGISTRATIONS OF NEW MOTOR VEHICLES

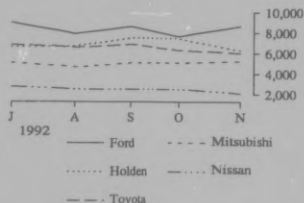


In November 1992, the trend estimate for total registrations remained unchanged from the October 1992 figure. Since April 1992 all monthly movements, with the exception of November, have been negative but of less than one per cent in magnitude.

Seasonally adjusted total registrations rose by 4.1 per cent. Passenger vehicles rose by 3.2 per cent while 'other vehicles' increased by 8.4 per cent.

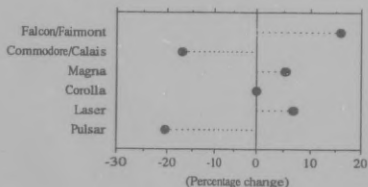
Unadjusted registrations of new motor vehicles in November 1992 rose by 0.2 per cent to 44,550 with passenger vehicles falling by 0.8 per cent while 'other vehicles' rose by 5.6 per cent.

CHART 2: REGISTRATIONS OF NEW PASSENGER VEHICLES BY SELECTED MAKES
Last 5 months



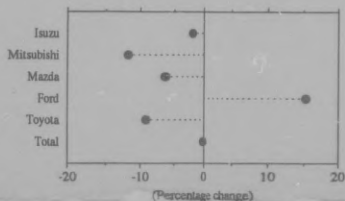
There were a total of 28,283 new passenger vehicles registered in November by the five leading makes (Ford, Holden, Toyota, Mitsubishi and Nissan). Ford and Mitsubishi registrations rose by 13.1 per cent (1,003 vehicles) and 3.6 per cent (185 vehicles), respectively. Holden, Toyota and Nissan recorded declines of 15.7 per cent (1,164 vehicles), 4.9 per cent (308 vehicles), and 16.7 per cent (418 vehicles), respectively.

CHART 3: REGISTRATIONS OF NEW PASSENGER VEHICLES BY SELECTED MODELS
Percentage change between Oct-Nov 1992



A 16.0 per cent rise in Falcon/Fairmont registrations together with a 17.0 per cent fall in Commodore/Calais registrations saw the Ford model head the list of models in November. The Mitsubishi Magna was third with 2,784 registrations, showing an increase of 5.3 per cent on the previous month.

CHART 4: REGISTRATIONS OF NEW RIGID TRUCKS BY SELECTED MAKES
Percentage change between Oct-Nov 1992



Registrations of new rigid trucks rose by only 0.2 per cent to 874 in November. The top five makes (Isuzu, Mitsubishi, Mazda, Ford and Toyota) accounted for 73.7 per cent of total registrations.

Isuzu had the highest number of registrations (236 vehicles) followed by Mitsubishi with 156 rigid trucks registered.

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
1991-92 —									
September	34,306	33,797	34,465	6,088	6,308	6,454	40,394	40,104	40,919
October	36,339	34,079	34,694	6,647	6,298	6,461	42,986	40,377	41,154
November	35,387	35,620	35,349	6,472	6,475	6,599	41,859	42,095	41,948
December	35,272	34,308	36,125	6,109	6,855	6,795	41,381	41,163	42,920
January	32,293	38,829	36,887	6,008	7,347	7,014	38,301	46,177	43,900
February	34,478	37,242	37,449	6,681	7,065	7,194	41,159	44,308	44,643
March	43,001	39,974	37,734	8,289	7,546	7,296	51,290	47,520	45,030
April	32,768	36,381	37,791	6,500	7,061	7,347	39,268	43,443	45,139
May	34,685	34,272	37,705	7,623	7,060	7,357	42,308	41,332	45,062
June	43,962	41,377	37,568	9,343	8,137	7,356	53,305	49,513	44,924
1992-93 —									
July	39,578	36,581	37,487	7,623	6,887	7,368	47,201	43,468	44,855
August	37,462	38,044	37,443	7,095	7,405	7,392	44,557	45,449	44,835
September	40,037	36,531	37,366	7,616	7,484	7,430	47,653	44,015	44,796
October	37,115	36,681	37,317	7,325	7,236	7,485	44,440	43,917	44,802
November	36,812	37,863	37,252	7,738	7,841	7,531	44,550	45,703	44,783

(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			
1989-90	492,236	82,152	41,074	4,065	1,815	6,552	627,824	20,453
1990-91	440,713	72,364	20,861	2,101	1,325	4,823	542,196	19,537
1991-92	437,075	67,805	9,924	1,634	787	3,848	521,080	16,675
1991-92 —								
September	34,306	4,793	820	124	50	301	40,394	1,143
October	36,339	5,369	855	119	68	236	42,986	1,278
November	35,387	5,080	847	130	71	144	41,859	1,394
December	35,272	4,837	748	131	106	287	41,381	1,599
January	32,293	4,908	675	81	47	297	38,301	1,575
February	34,478	5,438	746	122	59	316	41,159	1,498
March	43,001	6,910	797	148	49	385	51,290	1,356
April	32,768	5,191	815	137	48	309	39,268	1,289
May	34,685	6,297	838	129	63	296	42,308	1,361
June	43,962	7,588	1,012	198	75	463	53,305	1,320
1992-93 —								
July	39,578	6,161	833	175	80	369	47,201	1,326
August	37,462	5,757	821	139	49	326	44,557	1,253
September	40,037	6,181	924	145	62	299	47,653	1,444
October	37,115	5,915	872	183	87	267	44,440	1,529
November	36,812	6,291	874	167	61	345	44,550	1,457

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

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

Period	NSW			Vic.			Qld		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1991-92 —									
September	14,523	14,587	15,137	8,918	8,623	8,714	7,633	7,537	7,531
October	15,577	14,955	15,194	8,739	8,243	8,793	8,103	7,463	7,553
November	16,078	15,983	15,439	8,891	9,055	9,124	7,026	7,510	7,668
December	12,448	13,176	15,713	10,098	9,892	9,567	8,446	8,204	7,834
January	16,187	19,124	16,011	7,626	9,690	9,925	6,187	7,368	8,092
February	14,219	15,454	16,343	10,249	10,921	10,083	7,437	8,072	8,308
March	18,716	17,104	16,653	11,041	10,264	10,089	10,648	10,027	8,383
April	14,281	16,507	16,891	8,891	9,567	9,974	7,177	7,813	8,374
May	15,464	14,332	16,955	9,435	9,413	9,866	8,106	7,971	8,311
June	22,981	20,978	16,800	10,684	9,930	9,862	8,824	8,452	8,262
1992-93 —									
July	17,227	16,002	16,518	10,887	9,813	9,964	8,458	7,426	8,277
August	15,777	15,719	16,141	10,551	10,863	10,123	8,384	8,885	8,387
September	15,894	15,017	15,743	10,258	9,300	10,257	10,312	9,220	8,550
October	14,260	14,325	15,449	11,317	11,332	10,352	8,034	7,879	8,719
November	16,549	16,634	15,266	9,603	9,871	10,404	8,332	9,169	8,823
	SA			WA			Tas.(b)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
1991-92 —									
September	3,041	2,957	3,081	3,729	3,922	4,063	1,122		988
October	3,570	3,248	3,082	4,441	4,095	4,161	1,021		1,003
November	3,212	3,033	3,101	4,467	4,397	4,269	950		1,020
December	2,949	2,969	3,126	4,364	4,470	4,365	1,811		1,030
January	2,610	3,324	3,144	3,941	4,371	4,435	773		1,033
February	3,024	3,174	3,152	4,195	4,370	4,465	912		1,026
March	3,489	3,165	3,148	5,013	4,655	4,454	1,049		1,013
April	2,824	3,121	3,142	4,121	4,396	4,442	769		1,002
May	2,851	2,990	3,143	4,333	4,417	4,456	852		1,005
June	3,438	3,210	3,153	4,603	4,316	4,497	1,062		1,025
1992-93 —									
July	3,377	3,288	3,174	4,829	4,628	4,552	1,054		1,052
August	3,101	3,101	3,194	4,487	4,567	4,608	968		1,073
September	3,525	3,205	3,202	4,995	4,949	4,655	1,267		(c)
October	3,500	3,313	3,202	4,796	4,537	4,688	1,192		(c)
November	3,187	3,081	3,199	4,556	4,621	4,701	905		(c)
	NT(b)			ACT(b)			Australia		
	Original	Trend estimate	Original	Trend estimate	Original	Seasonally adjusted	Trend estimate		
1991-92 —									
September	317	370	1,111		1,034	40,394	40,104	40,919	
October	423	380	1,112		988	42,986	40,377	41,154	
November	363	396	872		931	41,859	42,095	41,948	
December	403	412	862		874	41,381	41,163	42,920	
January	334	425	643		836	38,301	46,177	43,900	
February	363	432	760		834	41,159	44,308	44,643	
March	491	431	843		858	51,290	47,520	45,030	
April	404	425	801		890	39,268	43,443	45,139	
May	449	417	818		909	42,308	41,332	45,062	
June	489	415	1,224		911	53,305	49,513	44,924	
1992-93 —									
July	408	422	961		897	47,201	43,468	44,855	
August	471	436	818		873	44,557	45,449	44,835	
September	451	(c)	951		(c)	47,653	44,015	44,796	
October	546	(c)	795		(c)	44,440	43,917	44,802	
November	502	(c)	916		(c)	44,550	45,703	44,783	

(a) Excludes motor cycles, plant and equipment, caravans and trailers. (b) See paragraph 17 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, NOVEMBER 1992

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Passenger vehicles	14,029	8,228	6,365	2,700	3,662	705	303	820	36,812	26,890
Light commercial vehicles	2,065	1,106	1,606	416	720	168	129	81	6,291	3,285
Trucks —										
Rigid	329	146	227	46	88	15	13	10	874	573
Articulated	43	47	48	6	10	10	3	—	167	85
Non-freight carrying	15	16	6	8	12	3	1	—	61	41
Buses	68	60	80	11	64	4	53	5	345	181
Total (excl. motor cycles)	16,549	9,603	8,332	3,187	4,556	905	502	916	44,550	31,055
Capital cities(a)	11,688	7,377	4,461	2,524	3,627	462	..	916	31,055	31,055
Other areas	4,861	2,226	3,871	663	929	443	502	..	13,495	..
Motor cycles	406	379	306	121	160	35	30	20	1,457	717

(a) See paragraph 22 of the Explanatory Notes.

TABLE 5. REGISTRATIONS OF NEW PLANT AND EQUIPMENT, CARAVANS AND TRAILERS, NOVEMBER 1992

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Plant and equipment(b)	63	58	77	21	88	9	—	—	316	143
Caravans(c)	77	151	70	50	72	9	13	7	449	256
Trailers	1,296	1,077	1,328	527	673	179	58	75	5,213	2,848
Total	1,436	1,286	1,475	598	833	197	71	82	5,978	3,247

(a) See paragraph 22 of the Explanatory Notes. (b) Includes Tractors. (c) Excludes self-propelled caravans.

TABLE 6. REGISTRATIONS OF NEW MOTOR VEHICLES BY TYPE OF VEHICLE, FIVE MONTHS ENDED NOVEMBER 1992

Type of vehicle	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Passenger vehicles	67,863	45,264	34,145	14,515	19,259	4,346	1,661	3,951	191,004	138,776
Light commercial vehicles	9,518	5,851	7,741	1,793	3,615	874	521	393	30,306	15,638
Trucks —										
Rigid	1,616	886	988	238	417	75	45	59	4,324	2,952
Articulated	258	222	211	28	42	30	14	4	809	398
Non-freight carrying	83	90	37	56	45	24	2	2	339	235
Buses	369	303	398	60	285	37	135	19	1,606	866
Total (excl. motor cycles)										
— 5 months ended November										
1992	79,707	52,616	43,520	16,690	23,663	5,386	2,378	4,441	228,401	158,865
1991	79,705	44,894	39,661	16,385	20,983	5,024	1,950	5,466	214,068	146,974
Capital cities(a)	55,655	40,341	23,215	13,488	18,980	2,758	..	4,441	158,865	158,865
Other areas	24,052	12,275	20,305	3,202	4,683	2,628	2,378	..	69,536	..
Motor cycles										
— 5 months ended November										
1992	1,802	1,851	1,544	624	794	148	135	111	7,009	3,552
1991	2,311	1,163	1,505	521	701	125	141	210	6,677	3,350

(a) See paragraph 22 of the Explanatory Notes.

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

<i>Make</i>	<i>Sept. 1992</i>	<i>Oct. 1992</i>	<i>Nov. 1992</i>	<i>Nov. 1991</i>
Alfa Romeo	10	13	22	63
Audi	99	44	49	58
Bentley	2	1	2	1
B.M.W.	429	388	431	446
Chevrolet	1	1	1	1
Citroen	3	4	1	4
Daihatsu	1,327	1,377	1,191	1,121
EUNOS	31	18	87	—
Ferrari	—	—	1	1
Ford	8,622	7,639	8,642	7,850
FSM	17	16	10	32
Holden	7,502	7,427	6,263	6,219
Honda	1,246	837	1,005	882
Hyundai	1,150	851	1,001	805
Jaguar	20	9	13	30
Lada	95	99	43	82
Lamborghini	—	—	—	1
Land Rover	143	111	141	55
Lexus	115	101	143	33
Lotus	2	1	—	1
Maserati	—	—	1	—
Mazda	2,009	1,935	1,878	1,521
Mercedes-Benz	300	285	233	196
Mitsubishi	5,110	5,103	5,288	3,721
Morgan	—	—	—	1
Nissan	2,514	2,502	2,084	3,435
Peugeot	100	50	70	50
Porsche	6	11	5	10
Range Rover	42	17	50	33
Renault	23	35	72	13
Rolls Royce	—	—	1	—
Rover	—	—	—	6
Saab	199	169	250	74
Subaru	951	841	872	1,168
Suzuki	886	746	758	782
Toyota	6,886	6,314	6,006	6,479
Volkswagen	8	7	4	44
Volvo	165	119	155	122
Other and unknown	24	44	39	47
Total	40,037	37,115	36,812	35,387

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

	Sept. 1992	Oct. 1992	Nov. 1992					
Make	Total	Total	Light commercial vehicles	Trucks			Buses	Total
				Rigid	Articulated	Non-freight carrying		
Chevrolet	—	1	—	—	—	—	—	—
DAF	1	—	—	3	—	—	—	3
Daihatsu	37	35	9	38	—	—	—	47
Denning	—	—	—	—	—	—	3	3
Ford	1,009	940	888	83	20	23	—	1,014
Freight Liner	7	14	—	—	10	—	—	10
Hino	92	79	—	72	5	5	9	91
Holden	1,131	997	956	—	—	—	—	956
Hyundai	33	48	49	—	—	—	—	49
International	51	55	—	54	17	—	—	71
Isuzu	294	253	—	236	—	2	1	239
Kenworth	28	42	—	1	37	—	—	38
Land Rover	16	22	17	—	—	—	—	17
Mack	19	15	—	—	21	—	—	21
Man	1	11	—	—	1	—	4	5
Mahindra	7	1	—	—	—	—	—	—
Mazda	461	458	390	89	—	6	12	497
MCA	2	3	—	—	—	—	1	1
Mercedes-Benz	29	35	—	16	4	—	11	31
Mitsubishi	987	1,158	992	156	—	6	1	1,155
Nissan	456	601	539	—	—	1	17	557
Nissan UD	35	30	—	28	2	1	—	31
Renault	9	5	—	—	—	—	5	5
Scania	20	24	—	3	14	2	6	25
Subaru	222	152	157	—	—	—	—	157
Suzuki	29	18	31	—	—	—	—	31
Toyota	2,538	2,236	2,230	80	—	14	259	2,583
Volkswagen	11	7	19	—	—	1	—	20
Volvo	60	68	—	12	33	—	9	54
Western Star	11	5	—	1	3	—	—	4
Other and unknown	20	15	14	2	—	—	7	23
Total	7,616	7,328	6,291	874	167	61	345	7,738

TABLE 9. REGISTRATIONS OF NEW PASSENGER VEHICLES BY MAKE OF VEHICLE,
NOVEMBER 1992

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	Nt ¹	ACT	Australia
Alfa Romeo	10	11	1	—	—	—	—	—	22
Audi	29	10	5	1	1	1	—	2	49
Bentley	2	—	—	—	—	—	—	—	2
B.M.W.	154	143	81	18	18	5	1	71	431
Chevrolet	—	—	1	—	—	—	—	—	1
Citroen	—	—	1	—	—	—	—	—	1
Daihatsu	582	120	251	67	119	23	6	23	1,191
EUNOS	54	6	14	—	6	—	—	7	87
Ferrari	—	—	1	—	—	—	—	—	1
Ford	3,008	2,154	1,695	691	755	116	47	176	8,642
FSM	2	1	1	2	4	—	—	—	10
Holden	2,236	1,606	997	502	591	130	51	150	6,263
Honda	402	310	147	41	83	4	7	11	1,005
Hyundai	374	164	136	50	229	18	9	21	1,001
Jaguar	6	3	1	—	2	1	—	—	13
Lada	4	3	10	—	26	—	—	—	43
Land Rover	68	28	24	4	13	—	3	1	141
Lexus	78	23	24	3	9	—	1	5	143
Maserati	1	—	—	—	—	—	—	—	1
Mazda	852	391	305	122	126	27	7	48	1,878
Mercedes-Benz	101	64	42	13	5	4	1	3	233
Mitsubishi	1,895	1,179	820	548	548	124	40	134	5,288
Nissan	723	441	355	148	272	49	5	91	2,084
Peugeot	44	11	6	2	1	3	—	3	70
Porsche	3	—	1	—	1	—	—	—	5
Range Rover	23	12	10	2	2	1	—	—	50
Renault	21	13	13	12	11	1	—	1	72
Rolls Royce	—	1	—	—	—	—	—	—	1
Saab	112	82	24	7	15	5	—	5	250
Subaru	428	159	126	47	66	28	4	14	872
Suzuki	334	103	126	39	130	4	9	13	758
Toyota	2,397	1,136	1,122	372	608	159	112	100	6,006
Volkswagen	1	1	1	—	1	—	—	—	4
Volvo	84	20	22	8	19	1	—	1	155
Other and unknown	1	33	2	1	1	1	—	—	39
Total	14,029	8,228	6,365	2,700	3,662	705	303	820	36,812
									26,890

(a) See paragraph 22 of the Explanatory Notes.

TABLE 10. REGISTRATIONS OF PASSENGER VEHICLES BY SELECTED
MAKE AND MODEL OF VEHICLE,
NOVEMBER 1992

Make/Model	State								Australia
	NSW	VIC.	Qld	SA	WA	Tas.	NT	ACT	
Ford									
Falcon/Fairmont	1,913	1,527	1,148	424	470	72	20	127	5,701
Laser	589	243	245	135	146	26	12	27	1,423
Telstar	146	86	71	41	31	1	1	2	379
Other	360	298	231	91	108	17	14	20	1,139
Total	3,008	2,154	1,695	691	755	116	47	176	8,642
Holden									
Commodore/Calaia	1,716	1,168	719	340	369	72	26	126	4,536
Barina	181	155	123	52	75	12	1	7	606
Apollo	98	96	29	28	66	32	20	3	372
Other	241	187	126	82	81	14	4	14	749
Total	2,236	1,606	997	502	591	130	51	150	6,263
Mitsubishi									
Magna	896	722	333	374	308	54	22	75	2,784
Lancer	357	159	229	59	117	40	5	23	989
Pajero	338	130	160	31	62	20	5	13	759
Other	304	168	98	84	61	10	8	23	756
Total	1,895	1,179	820	548	548	124	40	134	5,288
Nissan									
Pulsar	361	198	134	77	107	31	1	73	982
Patrol	152	124	95	33	74	9	2	3	492
Primera	105	51	53	13	52	4	1	5	284
Other	105	68	73	25	39	5	1	10	326
Total	723	441	355	148	272	49	5	91	2,084
Toyota									
Corolla	915	385	350	149	210	93	39	35	2,176
Camry	564	230	238	94	176	21	28	33	1,384
Landcruiser	293	251	245	60	112	25	37	9	1,032
Other	625	270	289	69	110	20	8	23	1,414
Total	2,397	1,136	1,122	372	608	159	112	100	6,006

TABLE 11. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Daihatsu	8	—	1	—	—	—	—	—	9
Ford	308	176	183	76	113	18	6	8	888
Holden	350	186	223	51	104	19	8	15	956
Hyundai	11	3	20	2	13	—	—	—	49
Land Rover	11	2	3	—	—	1	—	—	17
Mazda	109	80	90	30	52	6	7	16	390
Mitsubishi	309	160	286	64	82	33	38	20	992
Nissan	144	101	156	35	74	18	5	6	539
Subaru	66	38	18	18	14	1	1	1	157
Suzuki	11	7	7	4	—	2	—	—	31
Toyota	727	348	610	134	262	70	64	15	2,230
Volkswagen	10	2	5	2	—	—	—	—	19
Other and unknown	1	3	4	—	6	—	—	—	14
Total	2,065	1,106	1,606	416	720	168	129	81	6,291

(a) See paragraph 22 of the Explanatory Notes.

TABLE 12. REGISTRATIONS OF NEW LIGHT COMMERCIAL VEHICLES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1992

Make	Tare weight (kg)					Not stated	Total
	900 and under	901 to 1100	1101 to 1300	1301 to 1500	Over 1500		
Daihatsu	—	—	—	3	6	—	9
Ford	14	6	155	559	122	32	888
Holden	14	10	162	473	252	45	956
Hyundai	—	49	—	—	—	—	49
Land Rover	—	—	—	—	16	1	17
Mazda	3	9	99	148	115	16	390
Mitsubishi	2	21	472	229	176	27	992
Nissan	1	2	87	182	240	2	539
Subaru	8	135	12	—	—	2	157
Suzuki	21	8	—	—	—	2	31
Toyota	17	51	505	618	876	163	2,230
Volkswagen	—	—	4	9	5	1	19
Other and unknown	—	—	—	8	4	2	14
Total	80	291	1,496	2,229	1,812	383	6,291

TABLE 13. REGISTRATIONS OF NEW RIGID TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
DAF	1	—	2	—	—	—	—	—	3
Daihatsu	25	5	6	1	—	—	—	—	38
Ford	30	14	17	5	13	2	—	2	83
Hino	29	10	19	6	6	—	2	—	72
International	10	10	18	11	4	—	—	—	54
Izusu	101	39	62	4	21	6	2	1	236
Kenworth	—	—	—	1	—	—	—	—	1
Mazda	20	27	22	2	10	1	2	5	89
Mercedes-Benz	3	6	5	1	1	—	—	—	16
Mitsubishi	57	23	38	9	20	5	4	—	156
Nissan UD	10	6	9	1	2	—	—	—	28
Scania	3	—	—	—	—	—	—	—	3
Toyota	37	4	21	5	9	1	3	—	80
Volvo	2	2	8	—	—	—	—	—	12
Western Star	1	—	—	—	—	—	—	—	1
Other and unknown	—	—	—	—	2	—	—	—	2
Total	329	146	227	46	88	15	13	10	874

(a) See paragraph 22 of the Explanatory Notes.

TABLE 14. REGISTRATIONS OF NEW RIGID TRUCKS BY GROSS VEHICLE MASS AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1992

Make	Gross vehicle mass (tonnes)						Not stated	Total
	4 and under	Over 4 to 8	Over 8 to 12	Over 12 to 16	Over 16 to 20	Over 20		
DAF	—	—	—	—	—	3	—	3
Daihatsu	9	23	2	—	—	—	4	38
Ford	2	53	9	6	1	8	4	83
Hino	—	—	35	28	3	4	2	72
International	—	—	—	21	—	26	7	54
Isuzu	3	91	55	40	12	19	16	236
Kenworth	—	—	—	—	—	1	—	1
Mazda	—	60	14	13	—	—	2	89
Mercedes-Benz	—	4	2	6	1	3	—	16
Mitsubishi	—	61	41	27	5	19	3	156
Nissan UD	—	—	9	10	4	5	—	28
Scania	—	—	—	—	—	2	1	3
Toyota	19	53	3	—	—	—	5	80
Volvo	—	—	—	2	—	10	—	12
Western Star	—	—	—	—	—	1	—	1
Other and unknown	—	1	—	1	—	—	—	2
Total	33	346	170	154	26	101	44	874

TABLE 15. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
Ford	5	5	10	—	—	—	—	—	20
Freight Liner	—	1	2	—	—	7	—	—	10
Hino	3	1	—	—	—	—	1	—	5
International	6	9	1	—	—	1	—	—	17
Kenworth	2	17	15	—	2	—	1	—	37
Mack	4	8	4	3	—	1	1	—	21
Man	—	—	1	—	—	—	—	—	1
Mercedes-Benz	3	—	1	—	—	—	—	—	4
Nissan UD	1	—	—	—	1	—	—	—	2
Scania	5	1	3	3	1	1	—	—	14
Volvo	12	5	11	—	5	—	—	—	33
Western Star	2	—	—	—	1	—	—	—	3
Total	43	47	48	6	10	10	3	—	167

(a) See paragraph 22 of the Explanatory Notes.

TABLE 16. REGISTRATIONS OF NEW ARTICULATED TRUCKS BY GROSS COMBINATION MASS AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1992

Make	Gross combination mass (tonnes)					Not stated	Total
	24 and under	Over 24 to 30	Over 30 to 34	Over 34 to 40	Over 40		
Ford	7	—	—	—	10	3	20
Freight Liner	3	—	—	—	2	5	10
Hino	4	—	—	—	—	1	5
International	10	1	—	1	2	3	17
Kenworth	14	6	1	1	15	—	37
Mack	11	2	—	2	4	2	21
Man	—	—	—	—	1	—	1
Mercedes-Benz	2	—	—	—	1	1	4
Nissan UD	2	—	—	—	—	—	2
Scania	3	5	—	—	2	4	14
Volvo	11	9	3	1	7	2	33
Western Star	1	2	—	—	—	—	3
Total	68	25	4	5	44	21	167

TABLE 17. REGISTRATIONS OF NEW NON-FREIGHT CARRYING TRUCKS BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Ford	—	12	2	5	2	1	1	—	23	10
Hino	—	—	—	3	2	—	—	—	5	4
Isuzu	1	1	—	—	—	—	—	—	2	2
Mazda	—	—	—	—	5	1	—	—	6	5
Mitsubishi	5	—	1	—	—	—	—	—	6	5
Nissan	1	—	—	—	—	—	—	—	1	—
Nissan UD	1	—	—	—	—	—	—	—	1	1
Scania	—	2	—	—	—	—	—	—	2	2
Toyota	7	1	3	—	2	1	—	—	14	12
Volkswagen	—	—	—	—	1	—	—	—	1	—
Total	15	16	6	8	12	3	1	—	61	41

(a) See paragraph 22 of the Explanatory Notes.

TABLE 18. REGISTRATIONS OF NEW BUSES BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Australia	Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT		
Denning	—	3	—	—	—	—	—	—	3	3
Hino	5	3	1	—	—	—	—	—	9	3
Isuzu	1	—	—	—	—	—	—	—	1	—
Man	—	1	—	3	—	—	—	—	4	4
Mazda	2	6	—	—	2	1	—	1	12	10
MCA	1	—	—	—	—	—	—	—	1	—
Mercedes-Benz	5	3	3	—	—	—	—	—	11	6
Mitsubishi	—	—	1	—	—	—	—	—	1	—
Nissan	8	2	2	1	4	—	—	—	17	7
Renault	—	—	—	—	3	—	—	2	5	5
Scania	—	—	—	4	—	2	—	—	6	6
Toyota	45	39	64	3	53	1	52	2	259	126
Volvo	—	3	6	—	—	—	—	—	9	9
Other and unknown	1	—	3	—	2	—	1	—	7	2
Total	68	60	80	11	64	4	53	5	345	181

(a) See paragraph 22 of the Explanatory Notes.

TABLE 19. REGISTRATIONS OF NEW BUSES BY TARE WEIGHT AND MAKE OF VEHICLE, AUSTRALIA, NOVEMBER 1992

Make	Tare weight (kg)					Total
	1500 and under	1501 to 5000	5001 to 10000	Over 10000	Not stated	
Denning	—	—	—	3	—	3
Hino	—	—	—	9	—	9
Isuzu	—	—	—	1	—	1
Man	—	—	1	3	—	4
Mazda	—	11	—	—	1	12
MCA	—	—	—	1	—	1
Mercedes-Benz	—	2	8	1	—	11
Mitsubishi	—	1	—	—	—	1
Nissan	1	16	—	—	—	17
Renault	—	—	—	3	2	5
Scania	—	—	—	4	2	6
Toyota	—	199	—	—	60	259
Volvo	—	—	3	6	—	9
Other and unknown	—	5	—	2	—	7
Total	1	234	22	23	65	345

TABLE 20. REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE OF VEHICLE, NOVEMBER 1992

Make	State								Capital cities (a)
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
B.M.W.	16	8	6	4	3	2	1	1	41
Cagiva	—	—	—	2	—	—	—	—	2
Ducati	6	1	—	2	4	—	—	—	13
Harley-Davidson	73	40	58	16	25	1	5	2	220
Honda	116	91	90	29	30	6	10	3	375
Ihusvarna	3	1	3	1	—	—	—	1	9
Kawasaki	55	78	34	12	31	4	2	6	222
K.T.M.	3	1	—	—	—	—	1	—	5
Moto Guzzi	1	1	1	—	5	—	—	—	8
Suzuki	50	68	34	21	21	12	4	3	213
Triumph	1	2	—	1	1	1	—	—	6
Vespa	—	—	1	—	1	—	—	—	2
Yamaha	82	88	78	33	38	9	7	4	339
Other and unknown	—	—	1	—	1	—	—	—	2
Total	406	379	306	121	160	35	30	20	1,457

(a) See paragraph 22 of the Explanatory Notes.

TABLE 21. REGISTRATIONS OF NEW MOTOR VEHICLES BY FUEL TYPE AND TYPE OF VEHICLE, AUSTRALIA, NOVEMBER 1992

Type of Vehicle	Fuel type				Total
	Petrol	Diesel	Gas	Other (incl. dual fuel)	
Passenger vehicles	35,577	1,050	67	118	36,812
Light commercial vehicles	4,521	1,742	6	22	6,291
Trucks —					
Rigid	32	842	—	—	874
Articulated	1	166	—	—	167
Non-freight carrying	29	32	—	—	61
Buses	63	281	—	1	345
Total (excl. motor cycles)	40,223	4,113	73	141	44,550
Motor Cycles	1,457	—	—	—	1,457

TABLE 22. NUMBER OF VEHICLES ON REGISTER, BY TYPE OF VEHICLE, 30 JUNE 1992 ('000)

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Passenger Vehicles	2,467.6	2,178.1	1,343.8	719.6	781.6	227.4	49.9	145.2	7,913.2
Light Commercial Vehicles	524.6	322.5	338.7	93.4	150.1	47.1	23.1	10.8	1,510.3
Trucks —									
Rigid	104.9	73.0	54.4	34.2	87.9	(c)20.6	2.0	2.1	379.1
Articulated	15.3	14.3	10.4	3.7	5.6	(c)	1.1	0.3	50.7
Non-freight carrying	10.1	11.4	8.7	7.3	9.3	0.7	0.3	0.7	48.5
Buses	9.3	15.6	11.1	3.2	9.5	2.0	0.7	1.3	52.7
Total motor vehicles(a)	3,131.8	2,614.9	1,767.1	861.4	1,044.0	297.8	77.0	160.4	9,954.5
Motor cycles	76.0	69.9	65.7	28.1	37.8	6.3	3.8	4.8	292.4
Plant and equipment(b)	23.3	72.9	34.1	9.2	30.8	4.0	1.4	1.4	177.1
Caravans	57.2	97.1	39.2	34.0	36.1	5.3	0.9	1.4	271.2
Trailers	520.7	318.4	335.6	180.9	204.0	56.3	14.1	20.7	1,650.7
Total other vehicles	677.2	558.3	474.5	252.2	308.7	71.9	20.3	28.3	2,391.4

(a) Excludes motor cycles, plant and equipment, caravans and trailers. (b) See paragraph 7 of the Explanatory Notes. (c) 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, light commercial vehicles and buses classified by make and type; 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, South Australia, Western Australia, Tasmania, Northern Territory and the Australian Capital Territory the figures shown depart little from actual registrations during the period. In 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.

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, etc., and not used on public roads are not required to be registered and these are also excluded from the statistics.

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 do not exceed 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) exceeding 3.5 tonnes. 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 exceed 3.5 tonnes.

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", 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 "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. 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.

19. 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.

20. 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.

21. 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

22. 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

23. 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, 1990-91 (9304.0) — issued annually.

Motor Vehicle Census, Australia, 30 September 1991 (9309.0) — issued triennially.

TransStats (9313.0) — issued irregularly.

24. 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

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



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