



March 1994
Motor Vehicle Registrations
Australia

Catalogue No. 9303.0

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**MOTOR VEHICLE REGISTRATIONS
AUSTRALIA
March 1994**

**IAN CASTLES
Australian Statistician**

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INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Kevin Yeadon on Canberra (06) 252 6255 or any ABS State office.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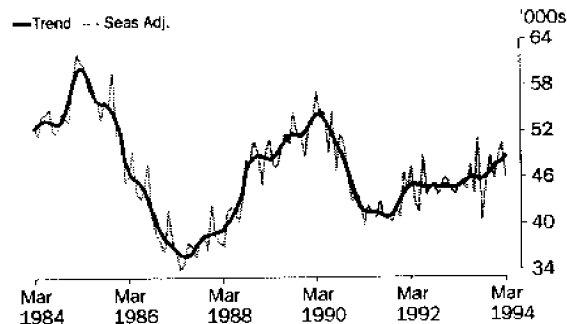
SUMMARY OF FINDINGS

Registrations for the month of March 1994.

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

	March 1993	February 1994	March 1994	Mar. 93-Mar. 94 %change	Feb. 94-Mar.94 % change
Original	51,596	45,947	52,686	2.1	14.7
Seasonally adjusted	45,002	50,487	45,755	1.7	-9.4
Trend	44,944	48,137	48,713	8.4	1.2

REGISTRATIONS OF NEW MOTOR VEHICLES



In the last 10 years the trend level for total vehicle registrations recorded peaks in March 1985 (60,402) and at a much lower level in April 1990 (54,360). Troughs in the trend level occurred in May 1987 (35,889) and more recently in September 1991 (40,928). Following this low there was a sharp rise in the trend series from October 1991 to March 1992 with the next 12 months being essentially flat. Since April 1993 the trend has been rising,

gaining strength over the most recent three months. However, for the April 1990 peak to be exceeded the current 1.2 per cent increase in the trend would need to be maintained for each of the next six to seven months.

For the trend series to rise by 1.2 per cent in April 1994, seasonally adjusted registrations would have to increase by almost 19 per cent.

The eight major passenger vehicle manufacturers (Ford, Holden, Toyota, Mitsubishi, Nissan, Mazda, Hyundai and Subaru) accounted for 305,777 registrations for the nine months to March 1994, representing 87.0 per cent of total passenger vehicle registrations. This was a marginal increase over the 86.9 per cent recorded for the nine months ended March 1993 but followed a steady decline from the 90.4 per cent these manufacturers claimed for the nine months to March 1990.

Comparison of the nine months July to March over the last five years showed that Hyundai, Mazda, Mitsubishi, Subaru and Toyota vehicles have all recorded increases in passenger vehicle registrations while those of Ford, Holden and Nissan have declined.

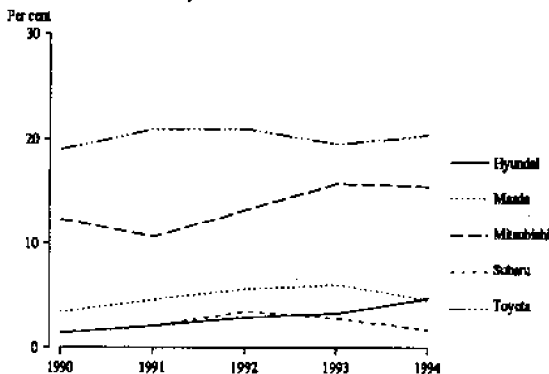
Increases.

Hyundai registrations more than trebled in this period, from the 4,708 vehicles registered in the nine months to March 1990, to 14,270 vehicles registered in the same period to March 1994. Hyundai has progressively increased its share of total passenger vehicle registrations from 1.3 per cent in March 1990, to 4.1 per cent for the nine months ended March 1994. Mazda showed a strong rise in total passenger vehicle registrations from 3.2 per cent for the nine months to March 1990, to 5.3 per cent in March 1993 but then fell to 3.9 per cent for the nine months to March 1994. Similarly, Subaru registrations rose from 1.4 per cent of total passenger vehicles in the nine months to March 1990, to 3.1 per cent for the same period to March 1992 and then fell to 1.5 per cent in 1994. Toyota showed a strong rise in registrations from 17.2 per cent for the 9 months to March 1990, to 18.6 per cent to March 1991, falling slightly to 18.0 per cent for the nine months to March 1994. Mitsubishi's share rose from 11.1 per cent in March 1990 to 13.5 per cent in March 1994 after falling to a low of 9.4 per cent in the nine months to March 1991.

Decreases.

Nissan recorded the greatest drop in passenger vehicle registrations with a fall of 60.1 per cent, from 39,143 vehicles in the nine months to March 1990, to 15,584 in the same period to March 1994. Consequently, Nissan's share of total passenger vehicle registrations has slipped from 10.7 per cent for the nine months to March 1990 to 4.4 per cent for the nine months to March 1994. In this five year period Ford registrations fell by a total of 17.2 per cent, from 94,898 vehicles to 78,560, reducing Ford's share of new registrations from 25.9 per cent to 21.2 per cent for the same period to March 1992, recovering to 22.3 per cent for the 9 months ended March 1994. Holden registrations fell by 6.3 per cent from 71,980 vehicles for the nine months to March 1990, to 67,460 for the nine months to March 1994. Holden fell from a high of 19.6 per cent of passenger vehicle registrations for the nine months to March 1990, to a low of 16.8 per cent for the same period to March 1992 but recovered strongly to reach 19.2 per cent of total passenger vehicle registrations in the nine months to March 1994.

MAKES SHOWING AN INCREASE IN PERCENTAGE SHARE
Nine months July to March 1990-1994



MAKES SHOWING A DECREASE IN PERCENTAGE SHARE
Nine months July to March 1990-1994



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

Period	Passenger vehicles(a)			Other vehicles(b)			Total(b)		
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate
<i>1992-93 —</i>									
January	28,150	37,012	37,250	5,793	7,734	7,619	33,943	44,746	44,869
February	33,376	36,702	37,232	6,522	7,123	7,559	39,898	43,826	44,791
March	42,975	37,599	37,373	8,621	7,403	7,571	51,596	45,002	44,944
April	33,877	38,142	37,659	6,575	7,378	7,629	40,452	45,520	45,288
May	36,865	37,014	37,941	7,936	7,465	7,682	44,801	44,480	45,623
June	42,571	38,671	38,172	10,742	9,022	7,702	53,313	47,693	45,874
<i>1993-94 —</i>									
July	37,719	36,722	38,246	7,719	7,289	7,670	45,438	44,012	45,917
August	45,125	43,619	38,179	7,326	7,534	7,601	52,451	51,153	45,781
September	35,681	33,575	38,236	6,864	6,872	7,554	42,545	40,448	45,790
October	37,162	37,929	38,515	7,524	7,528	7,575	44,686	45,457	46,090
November	41,662	40,637	38,965	8,446	8,176	7,660	50,108	48,813	46,625
December	40,746	37,871	39,508	7,791	7,983	7,773	48,537	45,853	47,281
January	30,967	41,163	40,003	5,695	7,599	7,834	36,662	48,762	47,838
February	38,860	42,737	40,286	7,087	7,751	7,851	45,947	50,487	48,137
March	43,702	37,927	40,840	8,984	7,828	7,873	52,686	45,755	48,713

(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	437,024	67,857	9,923	1,742	785	3,855	521,185	16,675
1992-93	449,780	74,814	9,776	2,199	707	4,230	541,506	17,513
<i>1992-93 —</i>								
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	42,975	7,164	827	213	57	360	51,596	1,740
April	33,877	5,286	734	194	44	317	40,452	1,483
May	36,865	6,467	819	222	55	373	44,801	1,287
June	42,571	8,879	982	293	68	520	53,313	1,326
<i>1993-94 —</i>								
July	37,719	6,275	809	206	87	342	45,438	1,250
August	45,125	5,868	802	237	99	320	52,451	1,417
September	35,681	5,558	771	222	63	250	42,545	1,353
October	37,162	6,094	823	262	64	281	44,686	1,323
November	41,662	6,948	811	302	78	307	50,108	1,811
December	40,746	6,309	851	255	70	306	48,537	1,543
January	30,967	4,686	508	176	23	302	36,662	1,481
February	38,860	5,813	710	213	43	308	45,947	1,613
March	43,702	7,445	882	265	49	343	52,686	1,611

(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
<i>1992-93 —</i>									
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	15,658	11,660	10,584	10,440	11,234	9,942	9,057
<i>1993-94 —</i>									
July	15,148	14,696	15,611	10,784	10,230	10,428	9,123	8,760	9,089
August	18,495	17,972	15,603	11,622	11,085	10,418	10,169	10,434	9,022
September	14,303	13,993	15,743	9,894	9,436	10,467	7,921	7,114	8,933
October	14,487	15,201	15,997	10,629	10,698	10,615	9,397	9,324	8,880
November	18,628	17,506	16,289	11,248	11,242	10,833	8,585	8,971	8,876
December	16,130	16,177	16,573	11,608	10,849	11,064	9,421	8,318	8,920
January	12,896	16,857	16,803	8,173	11,479	11,272	7,373	9,788	8,932
February	16,295	18,040	16,922	10,700	11,449	11,435	8,456	9,416	8,871
March	18,775	15,875	17,147	12,713	11,477	11,622	9,167	7,774	8,895
<i>SA</i>									
<i>WA</i>									
<i>Tas.</i>									
Period	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate
	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate
<i>1992-93 —</i>									
January	2,323	3,141	3,157	3,973	4,713	4,683	765	1,053	1,009
February	2,657	2,920	3,127	4,325	4,632	4,657	757	912	1,009
March	3,419	3,041	3,128	5,053	4,537	4,672	1,076	1,036	1,028
April	2,868	3,165	3,164	4,290	4,607	4,744	924	1,119	1,058
May	3,170	3,326	3,205	4,522	4,690	4,834	989	1,091	1,082
June	3,582	3,299	3,228	6,009	5,458	4,917	1,078	1,078	1,097
<i>1993-94 —</i>									
July	3,187	3,164	3,221	4,624	4,617	4,972	992	1,008	1,103
August	3,549	3,347	3,169	5,595	5,438	4,977	1,300	1,365	1,098
September	3,141	2,907	3,108	4,743	4,699	4,962	985	823	1,089
October	3,068	3,009	3,077	4,581	4,608	4,956	1,065	1,117	1,080
November	3,490	3,214	3,087	5,361	5,195	4,981	1,233	1,249	1,068
December	3,172	3,046	3,128	5,470	5,196	5,035	1,333	855	1,052
January	2,239	3,031	3,180	4,078	4,861	5,086	766	1,083	1,036
February	3,186	3,507	3,232	5,016	5,370	5,115	929	1,122	1,015
March	3,645	3,221	3,296	5,702	5,002	5,174	967	900	1,016
<i>NT</i>									
<i>ACT</i>									
<i>Australia</i>									
Period	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted	Trend estimate
	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted(b)	Trend estimate	Original	Seasonally adjusted	Trend estimate
<i>1992-93 —</i>									
January	305	438	476	656	925	903	33,943	44,746	44,869
February	367	443	475	831	940	909	39,898	43,826	44,791
March	571	477	485	1,057	936	910	51,596	45,002	44,944
April	486	511	501	708	822	917	40,452	45,520	45,288
May	546	528	512	904	976	935	44,801	44,480	45,623
June	699	554	514	1,022	899	963	53,313	47,693	45,874
<i>1993-94 —</i>									
July	555	528	507	1,025	1,008	985	45,438	44,012	45,917
August	462	429	497	1,259	1,082	996	52,451	51,153	45,781
September	473	467	488	1,085	1,008	999	42,545	40,448	45,790
October	486	493	485	973	1,008	1,000	44,686	45,457	46,090
November	548	546	486	1,015	889	1,006	50,108	48,813	46,625
December	448	487	490	955	927	1,019	48,537	45,853	47,281
January	299	421	492	838	1,242	1,036	36,662	48,762	47,838
February	434	528	495	931	1,056	1,052	45,947	50,487	48,137
March	586	504	495	1,131	1,000	1,067	52,686	45,755	48,713

(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, MARCH 1994

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	15,855	10,863	7,316	3,066	4,475	729	410	988	43,702	31,969
Light commercial vehicles	2,415	1,485	1,532	492	1,043	208	145	125	7,445	3,992
Trucks —										
Rigid	309	204	199	39	94	17	8	12	882	631
Articulated	83	78	60	20	10	3	7	4	265	109
Non-freight carrying	15	10	7	8	8	—	1	—	49	34
Buses	98	73	53	20	72	10	15	2	343	206
Total (excl. motor cycles)	18,775	12,713	9,167	3,645	5,702	967	586	1,131	52,686	36,941
Capital cities(a)	13,213	9,764	5,076	2,891	4,374	492	..	1,131	36,941	36,941
Other areas	5,562	2,949	4,091	754	1,328	475	586	..	15,745	..
Motor cycles	490	391	341	123	184	32	36	14	1,611	849

(a) See paragraph 23 of the Explanatory Notes.

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

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Plant and equipment(b)	80	71	103	19	80	20	—	—	373	156
Caravans(c)	95	206	79	91	96	4	1	5	577	316
Trailers	1,545	1,408	1,451	615	747	202	89	58	6,115	3,273
Total	1,720	1,685	1,633	725	923	226	90	63	7,065	3,745

(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, NINE MONTHS ENDED MARCH 1994

Type of vehicle	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital cities (a)
Passenger vehicles	124,486	84,179	62,665	24,717	36,550	7,836	2,864	8,327	351,624	254,915
Light commercial vehicles	16,763	10,485	14,046	3,330	7,080	1,465	1,082	745	54,996	28,182
Trucks —										
Rigid	2,355	1,510	1,760	263	792	117	93	77	6,967	4,638
Articulated	573	651	477	171	161	60	30	15	2,138	914
Non-freight carrying	231	89	93	67	51	28	14	3	576	414
Buses	749	457	571	129	536	64	208	45	2,759	1,540
Total (excl. motor cycles)										
— 9 months ended March										
1994	145,157	97,371	79,612	28,677	45,170	9,570	4,291	9,212	419,060	290,603
1993	140,570	91,824	77,775	28,851	42,298	9,617	4,080	7,925	402,940	278,677
Capital cities(a)	101,873	74,684	41,785	22,842	35,478	4,730	..	9,212	290,603	290,603
Other areas	43,284	22,687	37,827	5,835	9,692	4,840	4,291	..	128,457	..
Motor cycles										
— 9 months ended March										
1994	3,901	3,384	2,645	1,109	1,655	329	235	144	13,402	7,499
1993	3,431	3,475	2,958	1,165	1,667	288	244	189	13,417	7,063

(a) See paragraph 23 of the Explanatory Notes.

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

<i>Make</i>	<i>Jan. 1994</i>	<i>Feb. 1994</i>	<i>Mar. 1994</i>	<i>Mar. 1993</i>
Alfa Romeo	—	—	—	2
Asia	14	17	6	24
Audi	117	144	174	63
Bentley	3	1	—	1
B.M.W.	483	542	667	461
Chevrolet	2	—	—	—
Citroen	4	1	4	2
Daihatsu	961	1,052	1,270	1,381
Eunos	88	116	189	133
Ferrari	—	5	—	—
Ford	6,322	8,752	8,635	10,181
FSM	—	—	—	6
Holden	4,531	7,453	8,476	7,057
Honda	1,418	1,357	1,422	1,383
Hyundai	1,602	2,009	1,789	1,252
Jaguar	14	27	25	18
Jeep	—	—	3	—
Lada	48	37	41	21
Land Rover	253	297	263	204
Lexus	47	51	69	129
Lotus	—	1	1	—
Maserati	2	1	1	—
Mazda	1,472	1,817	1,646	1,867
Mercedes-Benz	244	211	273	191
Mitsubishi	4,771	5,099	5,667	5,827
Nissan	1,674	1,793	1,987	2,146
Peugeot	92	187	185	112
Porsche	9	9	16	5
Range Rover	49	44	74	53
Renault	28	53	53	19
Rolls Royce	1	—	2	—
Saab	148	143	388	251
Subaru	436	597	951	930
Suzuki	557	611	643	998
Toyota	5,348	6,113	8,433	8,019
Volkswagen	33	25	46	6
Volvo	165	234	239	210
Other and unknown	31	61	64	23
Total	30,967	38,860	43,702	42,975

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

Make	Jan. 1994	Feb. 1994	Light commercial vehicles	Trucks			Buses	Total
	Total	Total		Rigid	Articulated	Non-freight carrying		
Asia	—	1	13	—	—	—	—	13
Chevrolet	—	1	—	—	—	—	—	—
Daihatsu	48	61	30	31	—	—	—	61
Denning	—	1	—	—	—	—	—	—
Ford	879	1,182	1,197	91	27	5	—	1,320
Freight Liner	16	13	—	—	17	—	—	17
Hino	81	79	—	89	1	2	18	110
Holden	731	854	1,107	—	—	1	—	1,108
Hyundai	38	51	52	—	—	—	—	52
International	62	70	—	75	41	6	—	122
Isuzu	145	196	—	210	—	13	3	226
Kenworth	36	50	—	—	65	—	—	65
Land Rover	27	32	32	—	—	—	—	32
Mack	22	49	—	10	28	—	—	38
Man	7	11	—	2	2	—	4	8
Mazda	374	676	628	80	—	5	18	731
MCA	2	1	—	—	—	—	2	2
Mercedes-Benz	47	35	—	7	9	—	20	36
Mitsubishi	721	844	717	151	1	6	—	875
Nissan	434	496	625	—	—	1	8	634
Nissan UD	25	27	—	37	6	—	—	43
Oka	1	5	—	4	—	—	2	6
Scania	19	14	—	4	18	—	5	27
Subaru	31	20	11	—	—	—	—	11
Suzuki	13	32	45	—	—	—	—	45
Toyota	1,843	2,154	2,918	73	—	10	256	3,257
Volkswagen	27	50	67	—	—	—	—	67
Volvo	36	48	—	16	17	—	7	40
Western Star	22	23	—	1	32	—	—	33
Other and unknown	8	11	3	1	1	—	—	5
Total	5,695	7,087	7,445	882	265	49	343	8,984

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

<i>Make</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>	<i>Capital cities (a)</i>
Asia	—	2	3	—	—	—	—	1	6	3
Audi	89	39	25	11	4	4	—	2	174	154
B.M.W.	289	178	97	27	48	13	—	15	667	553
Citroen	4	—	—	—	—	—	—	—	4	4
Daihatsu	646	152	204	69	134	16	30	19	1,270	913
Eunos	84	54	17	14	16	1	—	3	189	176
Ford	2,966	2,423	1,431	561	875	107	82	190	8,635	6,112
Holden	2,974	2,137	1,432	671	802	150	64	246	8,476	6,325
Honda	532	406	212	83	140	12	12	25	1,422	1,127
Hyundai	574	376	365	90	291	45	19	29	1,789	1,163
Jaguar	13	1	8	1	2	—	—	—	25	19
Jeep	3	—	—	—	—	—	—	—	3	3
Lada	8	11	4	2	16	—	—	—	41	28
Land Rover	91	70	58	20	18	1	3	2	263	159
Lexus	37	14	9	2	3	1	1	2	69	63
Lotus	1	—	—	—	—	—	—	—	1	1
Maserati	1	—	—	—	—	—	—	—	1	1
Mazda	657	388	278	95	148	17	15	48	1,646	1,236
Mercedes-Benz	116	60	49	15	20	3	—	10	273	211
Mitsubishi	1,810	1,651	884	565	488	103	37	129	5,667	4,219
Nissan	666	474	369	129	259	35	14	41	1,987	1,425
Peugeot	91	45	28	8	6	1	—	6	185	121
Porsche	5	4	3	1	1	1	—	1	16	15
Range Rover	30	20	11	5	6	1	—	1	74	64
Renault	23	11	9	2	5	2	—	1	53	38
Rolls Royce	—	—	1	1	—	—	—	—	2	2
Saab	182	104	35	14	27	8	1	17	388	321
Subaru	412	195	135	70	100	16	2	21	951	639
Suzuki	273	72	93	27	143	9	15	11	643	465
Toyota	3,124	1,886	1,513	572	890	176	115	157	8,433	6,122
Volkswagen	25	8	5	1	6	—	—	1	46	41
Volvo	124	26	37	10	25	7	—	10	239	185
Other and unknown	5	56	1	—	2	—	—	—	64	61
Total	15,855	10,863	7,316	3,066	4,475	729	410	988	43,702	31,969

(a) See paragraph 23 of the Explanatory Notes.

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

<i>Make/Model</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Ford									
Falcon/Fairmont	2,025	1,798	1,017	363	621	82	66	121	6,093
Laser	416	255	161	79	124	11	4	39	1,089
Festiva	207	82	95	54	43	2	4	10	497
Other	318	288	158	65	87	12	8	20	956
Total	2,966	2,423	1,431	561	875	107	82	190	8,635
Holden									
Commodore/Calais	2,316	1,653	1,083	504	542	113	54	201	6,466
Barina	297	144	161	46	106	7	5	16	782
Apollo	134	121	84	49	74	12	2	13	489
Other	227	219	104	72	80	18	3	16	739
Total	2,974	2,137	1,432	671	802	150	64	246	8,476
Hyundai									
Excel	382	310	284	62	195	30	15	22	1,300
Lantra	132	30	37	11	60	10	3	4	287
Sonata	37	24	34	12	28	3	1	2	141
Other	23	12	10	5	8	2	0	1	61
Total	574	376	365	90	291	45	19	29	1,789
Mazda									
121	274	113	89	23	47	5	8	21	580
626	177	124	81	30	41	4	4	14	475
323	146	104	66	30	39	7	2	9	403
Other	60	47	42	12	21	1	1	4	188
Total	657	388	278	95	148	17	15	48	1,646
Mitsubishi									
Magna	983	1,099	494	363	275	57	16	69	3,356
Lancer	302	261	177	97	107	19	9	19	991
Pajero	338	139	148	47	56	16	9	18	771
Other	187	152	65	58	50	11	3	23	549
Total	1,810	1,651	884	565	488	103	37	129	5,667
Nissan									
Pulsar	315	166	174	66	95	20	1	18	855
Bluebird	159	124	73	16	48	6	8	13	447
Patrol	116	112	75	31	77	6	3	5	425
Other	76	72	47	16	39	3	2	5	260
Total	666	474	369	129	259	35	14	41	1,987
Toyota									
Camry	1,045	717	565	216	271	69	32	63	2,978
Corolla	671	410	365	140	176	61	34	44	1,901
Landcruiser	358	272	235	85	235	18	25	15	1,243
Other	1,050	487	348	131	208	28	24	35	2,311
Total	3,124	1,886	1,513	572	890	176	115	157	8,433

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

<i>Make</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>	<i>Capital cities (a)</i>
Asia	7	1	2	2	1	—	—	—	13	8
Daihatsu	17	3	7	2	1	—	—	—	30	19
Ford	383	300	180	104	158	33	16	23	1,197	736
Holden	400	233	222	74	146	15	8	9	1,107	588
Hyundai	20	6	17	—	6	1	—	2	52	43
Land Rover	14	3	10	1	3	—	1	—	32	10
Mazda	187	135	155	29	81	9	8	24	628	373
Mitsubishi	203	124	177	53	85	39	18	18	717	414
Nissan	155	145	156	37	97	23	6	6	625	245
Subaru	10	1	—	—	—	—	—	—	11	3
Suzuki	18	3	5	7	8	4	—	—	45	6
Toyota	961	518	595	180	456	83	87	38	2,918	1,485
Volkswagen	40	12	5	3	1	—	1	5	67	60
Other and unknown	—	1	1	—	—	1	—	—	3	2
Total	2,415	1,485	1,532	492	1,043	208	145	125	7,445	3,992

(a) See paragraph 23 of the Explanatory Notes.

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

<i>Make</i>	<i>Tare weight (kg)</i>						<i>Total</i>
	<i>900 and under</i>	<i>901 to 1100</i>	<i>1101 to 1300</i>	<i>1301 to 1500</i>	<i>Over 1500</i>	<i>Not stated</i>	
Asia	1	—	9	1	2	—	13
Daihatsu	25	1	—	2	2	—	30
Ford	23	10	222	784	106	52	1,197
Holden	15	6	218	581	261	26	1,107
Hyundai	—	51	—	—	—	1	52
Land Rover	2	1	—	—	28	1	32
Mazda	15	5	126	309	147	26	628
Mitsubishi	15	16	385	154	95	52	717
Nissan	9	3	53	250	281	29	625
Subaru	—	11	—	—	—	—	11
Suzuki	25	14	—	2	—	4	45
Toyota	33	71	772	692	1,175	175	2,918
Volkswagen	2	—	—	48	16	1	67
Other and unknown	—	—	—	2	—	1	3
Total	165	189	1,785	2,825	2,113	368	7,445

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

<i>Make</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>	<i>Capital cities (a)</i>
Daihatsu	23	2	3	1	2	—	—	—	31	21
Ford	32	15	21	2	18	2	—	1	91	70
Hino	34	8	29	4	12	—	1	1	89	68
International	37	9	14	8	5	1	—	1	75	48
Isuzu	62	77	32	7	21	8	1	2	210	153
Mack	3	3	3	1	—	—	—	—	10	5
Man	—	—	—	—	2	—	—	—	2	—
Mazda	25	25	16	3	9	—	2	—	80	70
Mercedes-Benz	2	3	—	—	2	—	—	—	7	4
Mitsubishi	44	39	44	4	12	4	—	4	151	113
Nissan UD	19	6	7	2	1	1	—	1	37	17
Oka	—	—	—	—	3	—	1	—	4	3
Scania	—	1	—	2	1	—	—	—	4	3
Toyota	21	14	23	4	5	1	3	2	73	43
Volvo	7	2	7	—	—	—	—	—	16	12
Western Star	—	—	—	1	—	—	—	—	1	—
Other and unknown	—	—	—	—	1	—	—	—	1	1
Total	309	204	199	39	94	17	8	12	882	631

(a) See paragraph 23 of the Explanatory Notes.

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

Make	Gross vehicle mass (tonnes)							Total
	4 and under	Over 4 to 8	Over 8 to 12	Over 12 to 16	Over 16 to 20	Over 20	Not stated	
Daihatsu	3	19	2	—	—	—	7	31
Ford	—	51	7	1	—	23	9	91
Hino	—	—	43	27	1	17	1	89
International	—	—	—	15	11	47	2	75
Isuzu	—	75	37	62	13	19	4	210
Mack	—	—	—	—	1	9	—	10
Man	—	—	—	1	—	1	—	2
Mazda	—	52	10	15	2	1	—	80
Mercedes-Benz	—	—	—	3	1	3	—	7
Mitsubishi	1	52	36	36	7	18	1	151
Nissan UD	—	—	15	13	2	6	1	37
Oka	—	4	—	—	—	—	—	4
Scania	—	—	—	1	—	3	—	4
Toyota	9	48	11	—	—	—	5	73
Volvo	—	—	—	1	1	14	—	16
Western Star	—	—	—	—	—	1	—	1
Other and unknown	—	—	—	—	—	1	—	1
Total	13	301	161	175	39	163	30	882

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

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Capital cities (a)	
									Australia	cities (a)
Ford	13	6	3	4	1	—	—	—	27	5
Freight Liner	6	7	3	—	—	—	—	1	17	13
Hino	—	—	1	—	—	—	—	—	1	1
International	13	21	1	3	—	2	—	1	41	15
Kenworth	15	15	17	7	6	1	4	—	65	19
Mack	8	5	8	3	1	—	2	1	28	14
Man	—	—	2	—	—	—	—	—	2	1
Mercedes-Benz	1	1	5	2	—	—	—	—	9	3
Mitsubishi	—	—	—	—	—	—	1	—	1	—
Nissan UD	2	—	4	—	—	—	—	—	6	3
Scania	2	12	4	—	—	—	—	—	18	8
Volvo	8	5	3	—	1	—	—	—	17	13
Western Star	15	5	9	1	1	—	—	1	32	13
Other and unknown	—	1	—	—	—	—	—	—	1	1
Total	83	78	60	20	10	3	7	4	265	109

(a) See paragraph 23 of the Explanatory Notes.

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

Make	Gross combination mass (tonnes)						Total
	24 and under	Over 24 to 30	Over 30 to 34	Over 34 to 40	Over 40	Not stated	
Ford	—	—	—	—	1	10	27
Freight Liner	—	—	—	—	7	10	17
Hino	—	—	—	—	1	—	1
International	—	1	1	1	13	25	41
Kenworth	1	—	—	—	49	15	65
Mack	—	—	—	—	16	12	28
Man	—	—	—	—	2	—	2
Mercedes-Benz	—	—	—	—	9	—	9
Mitsubishi	1	—	—	—	—	—	1
Nissan UD	—	—	—	—	6	—	6
Scania	—	—	—	2	12	4	18
Volvo	—	—	—	1	11	5	17
Western Star	—	—	—	—	21	11	32
Other and unknown	—	—	—	—	—	1	1
Total	2	1	1	5	163	93	265

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

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital
										cities (a)
Ford	—	—	—	3	2	—	—	—	5	4
Hino	—	1	—	—	1	—	—	—	2	2
Holden	—	—	—	—	1	—	—	—	1	—
International	—	2	4	—	—	—	—	—	6	4
Isuzu	7	3	1	2	—	—	—	—	13	8
Mazda	1	1	—	1	1	—	1	—	5	2
Mitsubishi	4	1	1	—	—	—	—	—	6	4
Nissan	1	—	—	—	—	—	—	—	1	1
Toyota	2	2	1	2	3	—	—	—	10	9
Total	15	10	7	8	8	—	1	—	49	34

(a) See paragraph 23 of the Explanatory Notes.

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

Make	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia	Capital
										cities (a)
Hino	10	4	2	—	2	—	—	—	18	6
Isuzu	3	—	—	—	—	—	—	—	3	1
Man	—	—	—	4	—	—	—	—	4	4
Mazda	1	8	3	2	2	2	—	—	18	10
MCA	1	—	1	—	—	—	—	—	2	1
Mercedes-Benz	8	8	—	—	4	—	—	—	20	9
Nissan	2	—	4	1	1	—	—	—	8	6
Oka	1	—	—	—	1	—	—	—	2	1
Scania	3	—	—	—	—	2	—	—	5	5
Toyota	67	48	43	13	62	6	15	2	256	158
Volvo	2	5	—	—	—	—	—	—	7	5
Total	98	73	53	20	72	10	15	2	343	206

(a) See paragraph 23 of the Explanatory Notes.

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

Make	Tare weight (kg)					Total
	1500 and under	1501 to 5000	5001 to 10000	Over 10000	Not stated	
Hino	—	—	—	17	1	18
Isuzu	—	—	1	2	—	3
Man	—	—	—	—	4	4
Mazda	—	—	16	—	—	18
MCA	—	—	—	—	2	2
Mercedes-Benz	—	—	1	13	6	20
Nissan	—	—	8	—	—	8
Oka	—	—	2	—	—	2
Scania	—	—	—	—	3	5
Toyota	4	—	238	—	—	256
Volvo	—	—	—	2	5	7
Total	4	266	34	21	18	343

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

<i>Make</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>	<i>Capital cities (a)</i>
B.M.W.	14	13	8	8	7	—	1	3	54	35
Cagiva	—	—	1	1	—	—	—	—	2	1
Ducati	4	6	6	4	10	—	3	—	33	19
Harley-Davidson	60	55	55	14	26	4	7	3	224	120
Honda	169	107	97	47	56	8	9	2	495	293
Husqvarna	14	2	4	—	1	2	1	—	24	10
Kawasaki	58	69	51	13	31	5	7	4	238	108
K.T.M.	17	9	2	3	1	—	—	—	32	11
Moto Guzzi	2	1	6	3	1	—	—	—	13	7
Suzuki	51	35	31	15	28	4	2	—	166	89
Triumph	9	6	8	2	1	3	1	1	31	19
Yamaha	92	87	71	12	20	6	5	1	294	133
Other and unknown	—	1	1	1	2	—	—	—	5	4
Total	490	391	341	123	184	32	36	14	1,611	849

(a) See paragraph 23 of the Explanatory Notes.

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

<i>Type of Vehicle</i>	<i>Fuel type</i>				<i>Total</i>
	<i>Petrol</i>	<i>Diesel</i>	<i>Gas</i>	<i>Other (incl. dual fuel)</i>	
Passenger vehicles	42,622	935	24	121	43,702
Light commercial vehicles	5,073	2,313	9	50	7,445
Trucks —					
Rigid	48	833	1	—	882
Articulated	5	260	—	—	265
Non-freight carrying	18	31	—	—	49
Buses	77	263	3	—	343
Total (excl. motor cycles)	47,843	4,635	37	171	52,686
Motor Cycles	1,609	—	—	2	1,611

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

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

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

EXPLANATORY NOTES

Introduction

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

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

Scope and coverage

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

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

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

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

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

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

Vehicle Identification Number

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

Vehicle Classification

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

Vehicle Type Definitions

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

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

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

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

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

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

Seasonal adjustment

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

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

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

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

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

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

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

Classification by area

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

Related publications

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

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

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

Motor Vehicle Census, Australia, 30 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.

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