

MOTOR VEHICLE REGISTRATIONS VICTORIA, SEPTEMBER 1988

INQUIRIES

Inquiries concerning these statistics may be made by telephoning Information Services on Melbourne (03) 615 7000; for advice on the interpretation of these statistics ask for Soo Kong.

NOTE: Previous issues have carried a cautionary note about an unusually large carryover of registrations in Victoria from November to December 1987. This abnormal carryover makes it difficult to correctly interpret the month to month movements in the original and seasonally adjusted figures. To assist users, an amended set of figures for total vehicles, together with the unamended totals, were included in the January to May 1988 issues.

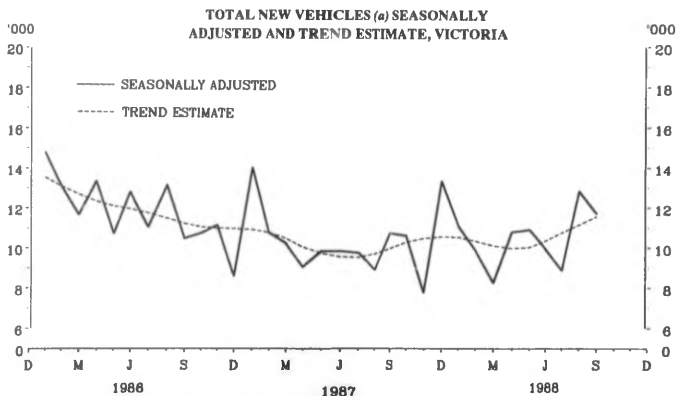
The Road Traffic Authority introduced a new processing system on 8 August 1988. As noted in the August issue, the proportion of current month registrations was high in that month. This may have affected the continuity of the original, seasonally adjusted and trend estimate series and hence particular care should be exercised when making comparisons with previous months.

Also as noted in the August issue addendum, data relating to caravans and trailers (Table 12) is still not available.

MAIN FEATURES

The trend estimate for total new motor vehicle registrations declined between January 1986 and June 1987. During the financial year 1987-88, the trend estimate has generally increased apart from a slight dip between January and May 1988. In seasonally adjusted terms, new motor vehicles registered in September 1988 (8,966) represent an increase of 10 per cent on the September 1987 figure of 8,185.

NEW MOTOR VEHICLE REGISTRATIONS



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

EXPLANATORY NOTES

Introduction

This publication contains detailed information regarding registrations of new motor vehicles and includes particulars of motor cars and station wagons, utilities, and panel vans classified by make and tare, and rigid and articulated trucks by make and gross vehicle mass/gross combination mass. Details of registrations of new tractors, trailers, caravans, and plant and equipment are also included, as are particulars of motor vehicles on register.

Scope and coverage

2. Motor vehicle registration statistics are obtained from data made available by the Victorian Road Traffic Authority and reflect the information as recorded in registration documents. In these statistics, registrations mean registrations processed by the Road Traffic Authority during the period. In Victoria, registrations are not processed by the Road Traffic Authority until some time after the actual date of registration; for this reason, a number of registrations processed in a given month actually relate to vehicles registered prior to that month. Further detail is provided on Page 3 to assist users in understanding the relationship between processing date and registration date.

The statistics include vehicles with diplomatic and consular plates and government-owned vehicles other than those belonging to the defence services.

Although registration of recreation vehicles intended for use in public places other than roads is compulsory, particulars of such vehicles are excluded from statistics contained in this publication.

Recent changes in processing procedures implemented by the Road Traffic Authority may impact on statistics contained in this publication. Care should therefore be taken when using these statistics.

Classification of vehicles

3. *Other truck type* vehicles include non-freight carrying trucks, ambulances, hearses, and motorised caravans.

As the registration documents used by the various State motor vehicle registry systems are not uniform, either in the data that are available or in the definition of common data items, care must be taken when making comparisons between data from different systems. It is possible for identical vehicles to be described differently in different States or Territories, e.g. rear end door sedans may be registered either as cars or station wagons. Consequently, cars and station wagons have been amalgamated to avoid any confusion. In addition, in a relatively small number of cases the characteristics used to classify vehicles for the purposes

of this publication may be inconsistently recorded within a particular registration system.

Seasonal adjustment

4. Original and seasonally adjusted registrations of new motor vehicles are shown in Table 2. The two component series 'Motor cars and station wagons' and 'Other vehicles' are each adjusted separately, and the adjusted figures for total registrations are obtained by adding together the two component series. In the seasonally adjusted series, account has been taken of normal seasonal factors and 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month) and the effect of movement in the date of Easter which may, in successive years, affect figures for different months.

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.

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 months, such as the effect of introducing new models 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. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series.

5. Commencing with the September 1986 issue of this publication, trend estimates of motor vehicle registration statistics are shown in Table 2. The trend estimate (formerly referred to as smoothed seasonally adjusted series) has been derived by applying a 13-term Henderson-weighted moving average to the series.

While this technique enables smoothed data for the latest period to be produced, it does result in revisions to the smoothed series 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.

Motor vehicles on register

6. Censuses of motor vehicles on register have been conducted in respect of 31 December 1955 and 1962, and 30 September 1971, 1976, 1979, 1982, and 1985. From December 1976, details of Commonwealth

Government-owned vehicles on register are only available at 31 December each year. For 30 June estimates, the previous 31 December figures for Commonwealth Government-owned vehicles are used. Motor vehicles on register at a given date are vehicles for which either fees were paid in advance, on that date, or retrospectively. Figures for motor vehicles on register prior to June 1982 were derived from estimates of the previous Census of Motor Vehicles. From June 1982 onwards, motor vehicles on register figures have been collected from the Road Traffic Authority.

Unpublished tables

7. Various tabulations of a more detailed nature than those contained in this publication are available in the form of computer printouts for inspection in this Office. It is recommended that inquiries regarding the availability of unpublished statistics be made by telephoning in the first instance. In general a charge is made for supply of such tabulations.

Related publications

8. Users may also wish to refer to the following ABS publications which are available on request:

Registrations of New Motor Vehicles, Australia, Preliminary (9301.0) (monthly) (\$2.00)

Motor Vehicle Registrations, Australia (9303.0) (monthly) (\$5.00)

Motor Vehicle Registrations, Australia (9304.0) (annual) (\$5.00)

Motor Vehicle Census, Australia (9309.0) (irregular)

Current publications produced by the ABS are listed in the *Catalogue of Publications, 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. These are available from any ABS Office.

Electronic services

9. VIATEL

Key *656# for selected current economic, social, and demographic statistics.

AUSSTATS

Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS

This service provides foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.

Symbols and other usages

r figure or series revised since previous issue

- nil or rounded down to zero

M.S.D. Melbourne Statistical Division

n.a. not available

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

LEON KEMPEN

Acting Deputy Commonwealth Statistician

TIMING OF MONTHLY REGISTRATIONS, 1988 (Per cent)

Month of registrations	Processing month								
	January	February	March	April	May	June	July	August	September
Current month	37	53	56	30	46	44	28	45	55
Previous month	61	44	43	68	51	54	68	45	32
Earlier months	2	3	1	2	3	2	4	10	13

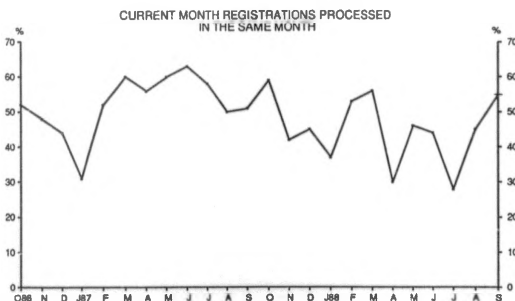


TABLE 1. MOTOR VEHICLES ON REGISTER, VICTORIA
(^{'000})

As at 30 June	Motor cars and station wagons	Utilities	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				Rigid	Artic- ulated				
1983	1,796.5	127.0	60.1	157.5	12.2	12.5	12.2	2,178.1	79.6
1984	1,859.7	133.4	60.4	168.5	12.5	12.6	12.9	2,260.1	81.7
1985	1,936.8	137.8	59.0	181.1	13.0	13.0	13.5	2,354.3	83.4
1986	1,972.9	139.2	56.0	187.0	13.3	12.9	13.8	2,395.0	81.8
1987	2,010.2	142.8	57.4	193.1	13.7	13.6	14.1	2,444.9	84.5
1988	2,064.7	145.4	51.5	201.7	13.8	13.7	14.3	2,505.1	70.1

TABLE 2. NEW MOTOR VEHICLES REGISTERED, VICTORIA

Period	Motor cars and station wagons	Utilities	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				Rigid	Artic- ulated				
1982-83	123,834	8,063	3,631	12,797	640	556	999	150,520	13,153
1983-84	126,652	8,577	2,374	13,454	653	561	1,031	153,302	10,067
1984-85	143,279	7,487	1,767	17,884	843	551	1,030	172,841	9,878
1985-86	132,003	6,618	1,186	16,150	1,027	570	1,007	158,561	8,079
1986-87	107,862	5,086	1,142	12,022	840	469	852	128,273	5,294
1987-88	103,907	4,724	1,008	10,620	818	425	659	122,161	3,847
1987-88 -									
July	9,092	454	175	1,107	134	44	72	11,078	347
August	7,415	320	73	694	63	27	48	8,640	228
September	9,710	341	126	930	64	30	46	11,247	278
October	9,431	393	193	965	74	39	56	11,151	384
November	6,204	258	75	692	61	32	21	7,343	217
December	11,103	450	37	1,092	76	40	74	12,872	448
January	7,391	279	27	633	41	34	51	8,456	267
February	7,838	359	41	734	74	25	52	9,123	349
March	8,317	325	51	809	39	37	37	9,615	453
April	8,520	459	43	850	43	37	55	10,007	322
May	9,825	571	99	1,032	83	49	80	11,739	308
June	9,061	515	68	1,082	66	31	67	10,890	246
1988-89 -									
July	7,948	370	58	705	47	26	83	9,237	127
August	11,621	671	123	1,081	49	49	61	13,655	274
September	10,341	538	89	823	116	35	70	12,012	252
1987-88 -									
July - September	26,217	1,115	374	2,731	261	101	166	30,965	853
1988-89 -									
July - September	29,910	1,579	270	2,609	212	110	214	34,904	653

ORIGINAL SERIES, VICTORIA

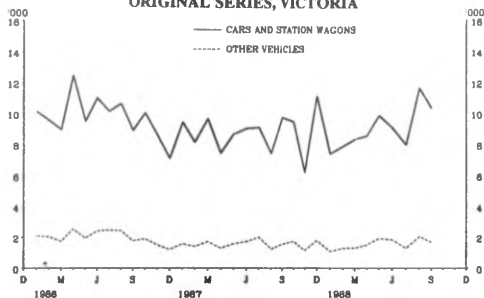


TABLE 3. NEW MOTOR VEHICLES REGISTERED VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

Period	Motor cars and station wagons		Other vehicles(a)		Total(a) (b)		Trend estimate(c)
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	
MELBOURNE STATISTICAL DIVISION							
1987-88 -							
July	7,071	6,484	1,447	1,150	8,518	7,633	7,327
August	5,726	5,735	876	922	6,602	6,657	7,438
September	7,521	7,045	1,087	1,140	8,608	8,185	7,623
October	7,271	6,792	1,292	1,289	8,563	8,082	7,834
November	4,946	5,122	811	903	5,757	6,025	7,979
December	8,702	8,805	1,190	1,367	9,892	10,172	8,039
January	5,612	7,405	691	963	6,303	8,368	8,013
February	6,110	6,677	818	827	6,928	7,504	7,868
March	6,569	5,645	885	749	7,454	6,393	7,681
April	6,475	7,144	973	965	7,448	8,109	7,585
May	7,641	7,264	1,248	1,128	8,889	8,392	7,632
June	6,994	6,400	1,217	1,076	8,211	7,476	7,877
1988-89 -							
July	6,125	6,082	932	809	7,057	6,891	8,183
August	9,013	8,318	1,361	1,320	10,374	9,638	8,490
September	8,164	7,813	1,110	1,152	9,274	8,966	8,798
1987-88 -							
July - September	20,318	19,264	3,410	3,212	23,728	22,476	22,388
1988-89 -							
July - September	23,302	22,214	3,403	3,281	26,705	25,495	25,471
TOTAL VICTORIA							
1987-88 -							
July	9,092	8,214	1,986	1,540	11,078	9,754	9,516
August	7,415	7,657	1,235	1,254	8,640	8,911	9,699
September	9,710	9,164	1,537	1,622	11,247	10,726	9,970
October	9,431	8,853	1,720	1,745	11,151	10,598	10,262
November	6,204	6,489	1,139	1,284	7,343	7,772	10,462
December	11,103	11,305	1,769	2,028	12,872	13,333	10,545
January	7,391	9,567	1,065	1,485	8,456	11,052	10,516
February	7,838	8,620	1,285	1,302	9,123	9,922	10,331
March	8,317	7,160	1,298	1,102	9,615	8,262	10,092
April	8,520	9,247	1,487	1,541	10,007	10,788	9,963
May	9,825	9,188	1,914	1,703	11,739	10,891	10,017
June	9,061	8,330	1,829	1,597	10,890	9,927	10,338
1988-89 -							
July	7,948	7,774	1,289	1,092	9,237	8,866	10,742
August	11,621	10,933	2,034	1,911	13,655	12,844	11,149
September	10,341	9,928	1,671	1,776	12,012	11,704	11,561
1987-88 -							
July - September	26,217	24,974	4,748	4,416	30,965	29,390	29,185
1988-89 -							
July - September	29,910	28,635	4,994	4,778	34,904	33,413	33,452

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers. (b) See paragraph 2 of the Explanatory notes. (c) Trend estimate (smoothed seasonally adjusted) series are revised as additional observations become available. See paragraph 5 of the Explanatory notes.

TABLE 4. MAKES OF NEW MOTOR CARS AND STATION WAGONS REGISTERED, VICTORIA, SEPTEMBER 1988

Make (a)	Vehicle tare weight (kilograms)						Total	Per cent	M S D
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	26	568	274	1,933	163	31	2,995	29.0	2,350
Holden	67	431	1,212	339	54	22	2,125	20.5	1,606
Mitsubishi	40	84	919	23	23	9	1,098	10.6	860
Nissan	3	423	382	149	159	21	1,137	11.0	925
Toyota	39	515	760	70	106	32	1,522	14.7	1,181
Other makes	217	424	328	311	169	15	1,464	14.2	1,242
Total	392	2,445	3,875	2,825	674	130	10,341	100.0	8,164

(a) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 5. MAKES OF NEW UTILITIES REGISTERED, VICTORIA, SEPTEMBER 1988

Make (a)	Vehicle tare weight (kilograms)						Total	Per cent	M S D
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	3	-	136	52	23	-	214	39.8	142
Nissan	-	-	40	44	29	3	116	21.6	76
Subaru	4	25	-	-	-	-	29	5.4	3
Toyota	-	4	68	27	21	-	120	22.3	67
Other makes	5	3	31	17	3	-	59	11.0	32
Total	12	32	275	140	76	3	538	100.0	320

(a) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 6. MAKES OF NEW PANEL VANS REGISTERED, VICTORIA, SEPTEMBER 1988

Make (a)	Vehicle tare weight (kilograms)						Total	Per cent	M S D
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	-	-	1	80	-	-	81	91.0	74
Mitsubishi	-	-	5	-	-	-	5	5.6	5
Other makes	-	1	-	1	1	-	3	3.4	1
Total	-	1	6	81	1	-	89	100.0	80

(a) Only those makes which account for at least 3 per cent of the total are specified.

TABLE 7. MAKES OF NEW RIGID TRUCKS REGISTERED, VICTORIA,
SEPTEMBER 1988

7

Make (b)	Gross vehicle mass (tonnes) (a)								Total	Per cent	M S D.
	Up to 4	4 001 to 8	8 001 to 12	12 001 to 16	16 001 to 20	20 001 to 30	Over 30	Not stated			
Ford	21	8	14	-	-	4	-	56	103	12.5	74
Isuzu	1	10	4	15	-	7	-	23	60	7.3	51
Mazda	17	-	-	-	-	-	-	47	64	7.8	46
Mitsubishi	45	10	-	4	1	8	-	63	131	15.9	95
Nissan	15	20	1	-	-	1	-	70	107	13.0	78
Toyota	32	3	-	-	-	-	-	177	212	25.8	129
Other makes	17	1	-	7	-	20	8	93	146	17.7	91
Total	148	52	19	26	1	40	8	529	823	100.0	564

(a) Gross vehicle mass is the maximum permissible weight of the loaded vehicle. (b) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 8. MAKES OF NEW ARTICULATED TRUCKS REGISTERED, VICTORIA,
SEPTEMBER 1988

Make (b)	Gross combination mass (tonnes) (a)								Total	Per cent	M S D.
	Up to 16	16 001 to 20	20 001 to 24	24 001 to 30	30 001 to 34	34 001 to 40	Over 40	Not stated			
Ford	1	-	-	-	-	2	17	-	20	17.2	13
International	-	-	1	1	5	1	16	-	24	20.7	10
Kenworth	-	-	-	-	-	-	24	-	24	20.7	12
Mack	-	-	-	-	-	-	12	2	14	12.1	8
Other makes	2	-	-	-	1	12	19	-	34	29.3	18
Total	3	-	1	1	6	15	88	2	116	100.0	61

(a) Gross combination mass is the maximum permissible weight of the prime mover plus attached loaded trailer. (b) Only those makes which account for at least 10 per cent of the total are specified.

TABLE 9. MAKES OF NEW OTHER TRUCK TYPES AND BUSES REGISTERED, VICTORIA,
SEPTEMBER 1988

Make (a)	Other truck types				Buses			
	M S D.	Rest of Victoria	Total	Per cent	M S D.	Rest of Victoria	Total	Per cent
Isuzu	8	1	9	25.7	-	1	1	1.4
Mitsubishi	2	-	2	5.7	7	-	7	10.0
Nissan	9	-	9	25.7	7	1	8	11.4
Toyota	7	-	7	20.0	18	8	26	37.1
Other makes	6	2	8	22.9	21	7	28	40.0
Total	32	3	35	100.0	53	17	70	100.0

(a) Only those makes which account for at least 10 per cent of the total are specified.

TABLE 10. NEW MOTOR CYCLES REGISTERED, VICTORIA, SEPTEMBER 1988

Make (a)	Cubic capacity of engine (cc)						Not stated	Total	Per cent	
	Up to 50	51 to 150	151 to 250	251 to 500	501 to 750	Over 750			M.S.D.	
Harley Davidson	-	-	-	-	-	14	1	15	6.0	13
Honda	2	8	22	-	16	3	-	51	20.2	29
Kawasaki	-	6	29	1	15	13	-	64	25.4	31
Suzuki	1	1	11	-	14	3	-	30	11.9	17
Yamaha	-	7	51	4	9	5	-	76	30.2	36
Other makes	1	1	4	1	3	6	-	16	6.3	9
Total	4	23	117	6	57	44	1	252	100.0	135

(a) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 11. NEW MOTOR VEHICLES REGISTERED BY FUEL TYPE AND NUMBER OF CYLINDERS, VICTORIA, SEPTEMBER 1988

Fuel and cylinders	Motor cars and station wagons	Trucks				Other truck types	Buses	Total	Per cent
		Utilities	Panel vans	Rigid	Articulated				
Fuel -									
Petrol	10,226	472	88	457	-	15	24	11,282	93.9
Diesel	109	66	1	366	116	20	46	724	6.0
Gas	4	-	-	-	-	-	-	4	-
Other (incl. dual fuel)	2	-	-	-	-	-	-	2	-
Total	10,341	538	89	823	116	35	70	12,012	100.0
Cylinders -									
Four	5,552	279	9	565	-	15	36	6,456	53.7
Six	4,584	240	79	217	101	20	33	5,274	43.9
Eight	114	14	1	6	14	-	1	150	1.2
Other	67	1	-	34	-	-	-	102	0.8
Not stated	24	4	-	1	1	-	-	30	0.2
Total	10,341	538	89	823	116	35	70	12,012	100.0

TABLE 12. NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED, SEPTEMBER 1988

Type	M.S.D.	Rest of Victoria	Total
Tractors	26	111	137
Mobile plant, equipment, etc.	25	23	48
Caravans	n.a.	n.a.	n.a.
Trailers	n.a.	n.a.	n.a.
Total	51	134	185

