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21 MARCH 1988

MOTOR VEHICLE REGISTRATIONS VICTORIA, JANUARY 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 Yeoh.

NOTE: Statistics of new motor vehicle registrations refer to the number of registrations processed by the Victorian Road Traffic Authority. Consequently, each month's figure contains some vehicles which were actually registered in a previous month (see paragraph 2 of Explanatory Notes). In particular, unusually large carryovers of registrations occurred from December 1986 to January 1987, and from November 1987 to December 1987. Such large fluctuations make it difficult to interpret month to month movements in the original and seasonally adjusted figures. To assist users, an amended set of figures has been produced for total vehicles and is shown on page 3, together with unamended totals. No other tables in this publication have been amended. The main features which follow are based on the amended figures shown on page 3.

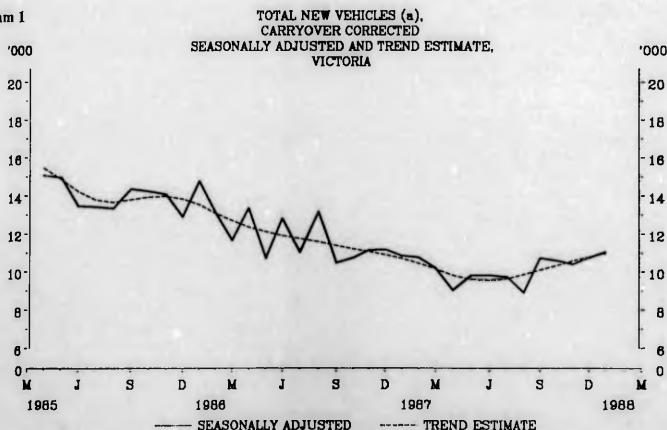
MAIN FEATURES

The trend estimate for total new motor vehicle registrations declined continuously between March 1985 and June 1987. Since July 1987 the trend estimate has risen at a slowing rate to a level comparable with December 1986.

In seasonally adjusted terms, new motor vehicle registrations in January 1988 (11,052) represent an increase of 3 per cent on the December 1987 figure of 10,743 and an increase of 2 per cent on the January 1987 figure of 10,841.

NEW MOTOR VEHICLE REGISTRATIONS

Diagram 1



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

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, advice of some registrations is often not received 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.

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.

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

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

ERLE BOURKE

Deputy Commonwealth Statistician

NEW MOTOR VEHICLE REGISTRATIONS, MONTHLY TOTALS, VICTORIA, AMENDED FOR UNUSUALLY LARGE CARRYOVERS

Period	Unamended			Amended		
	Original	Seasonally Adjusted	Trend Estimate	Original	Seasonally Adjusted	Trend Estimate
1986-87 -						
November	10,135	11,158	10,996	10,135	11,158	11,080
December	8,303	8,593	10,967	10,803	11,180	10,904
January	10,990	14,033	10,920	8,490	10,841	10,708
February	9,535	10,769	10,764	9,535	10,769	10,461
March	11,359	10,211	10,462	11,359	10,211	10,161
April	8,726	9,043	10,036	8,726	9,043	9,827
May	10,235	9,827	9,734	10,235	9,827	9,611
June	10,713	9,830	9,542	10,713	9,830	9,557
1987-88 -						
July	11,078	9,754	9,516	11,078	9,754	9,650
August	8,640	8,911	9,683	8,640	8,911	9,858
September	11,248	10,727	9,885	11,248	10,727	10,111
October	11,151	10,598	10,160	11,151	10,598	10,354
November	7,343	7,772	10,506	9,843	10,418	10,587
December	12,872	13,333	10,879	10,372	10,743	10,794
January	8,456	11,052	11,243	8,456	11,052	10,974

TABLE 1. NEW MOTOR VEHICLES REGISTERED, VICTORIA

Period	Motor cars and station wagons	Utilities	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				Rigid	Articulated				
1981-82	121,960	8,382	3,296	12,992	953	693	1,201	149,477	15,731
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
1986-87 -									
November	8,642	357	50	913	62	48	63	10,135	573
December	7,106	312	47	687	52	43	56	8,303	370
January	9,419	387	62	957	74	32	59	10,990	471
February	8,153	301	210	717	44	34	76	9,535	486
March	9,653	439	152	950	75	34	56	11,359	368
April	7,448	332	63	747	51	29	56	8,726	324
May	8,669	426	40	938	66	31	65	10,235	362
June	9,013	368	165	959	81	40	87	10,713	262
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	9,711	341	126	930	64	30	46	11,248	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
1986-87 -									
July - January	64,926	3,220	512	7,711	523	301	512	77,705	3,492
1987-88 -									
July - January	60,347	2,495	706	6,113	513	246	368	70,788	2,169

Diagram 2

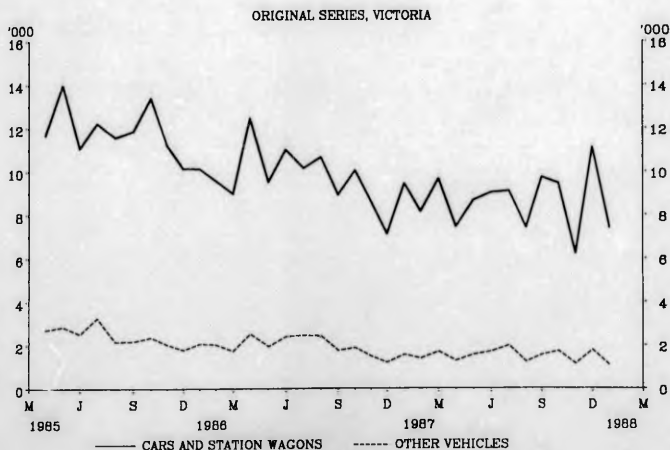


TABLE 2. NEW MOTOR VEHICLES REGISTERED, VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

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Period	Motor cars and station wagons		Other vehicles(a)		Total(a)		Trend estimate(b)
	Seasonally		Seasonally		Seasonally		
	Original	adjusted	Original	adjusted	Original	adjusted	
MELBOURNE STATISTICAL DIVISION							
1986-87 -							
November	6,633	7,002	1,046	1,227	7,679	8,229	8,175
December	5,450	5,538	837	947	6,288	6,485	8,156
January	6,944	8,818	1,069	1,426	8,013	10,244	8,144
February	6,183	7,007	1,003	1,072	7,186	8,079	8,083
March	7,402	6,758	1,226	1,081	8,628	7,840	7,933
April	5,831	6,178	879	835	6,710	7,013	7,687
May	6,654	6,479	1,078	1,013	7,732	7,492	7,503
June	7,056	6,569	1,209	1,072	8,265	7,641	7,365
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	7,424
September	7,522	7,046	1,087	1,140	8,609	8,186	7,560
October	7,271	6,792	1,292	1,289	8,563	8,082	7,759
November	4,946	5,122	811	903	5,757	6,025	8,016
December	8,702	8,805	1,190	1,367	9,892	10,172	8,292
January	5,612	7,405	691	963	6,303	8,368	8,564
1986-87 -							
July - January	49,317	49,792	8,819	9,221	58,137	59,013	58,576
1987-88 -							
July - January	46,850	47,390	7,394	7,734	54,244	55,123	54,942
TOTAL VICTORIA							
1986-87 -							
November	8,642	9,369	1,493	1,788	10,135	11,158	10,996
December	7,106	7,253	1,197	1,340	8,303	8,593	10,967
January	9,419	11,916	1,571	2,116	10,990	14,033	10,920
February	8,153	9,277	1,382	1,492	9,535	10,769	10,764
March	9,653	8,709	1,706	1,502	11,359	10,211	10,462
April	7,448	7,777	1,278	1,266	8,726	9,043	10,036
May	8,669	8,379	1,566	1,449	10,235	9,827	9,734
June	9,013	8,340	1,700	1,490	10,713	9,830	9,542
1987-88 -							
July	9,092	8,214	1,986	1,540	11,078	9,754	9,516
August	7,415	7,657	1,225	1,254	8,640	8,911	9,683
September	9,711	9,105	1,537	1,622	11,248	10,727	9,885
October	9,431	8,853	1,720	1,745	11,151	10,598	10,160
November	6,204	6,489	1,139	1,284	7,343	7,772	10,506
December	11,103	11,305	1,769	2,028	12,872	13,333	10,879
January	7,391	9,567	1,065	1,485	8,456	11,052	11,243
1986-87 -							
July - January	64,926	65,884	12,779	13,332	77,705	79,216	78,407
1987-88 -							
July - January	60,347	61,188	10,441	10,958	70,788	72,146	71,872

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

(b) Trend estimate (smoothed seasonally adjusted) series are revised as additional observations become available. See paragraph 5 of the Explanatory notes.

TABLE 3. MAKES OF NEW MOTOR CARS AND STATION WAGONS REGISTERED, VICTORIA, JANUARY 1988

Make (a)	Vehicle tare weight (kilograms)					Not stated	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				
Ford	126	346	1,167	582	8	2	2,231	30.2	1,611
Holden	89	411	1,055	45	1	2	1,603	21.7	1,247
Mitsubishi	8	124	587	11	23	1	754	10.2	568
Nissan	8	338	397	113	14	-	870	11.8	650
Toyota	28	372	539	66	74	-	1,079	14.6	820
Other makes	141	237	225	152	98	1	854	11.6	716
Total	400	1,828	3,970	969	218	6	7,391	100.0	5,612

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

TABLE 4. MAKES OF NEW UTILITIES REGISTERED, VICTORIA, JANUARY 1988

Make (a)	Vehicle tare weight (kilograms)					Not stated	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				
Ford	-	-	62	18	9	-	89	31.9	52
Nissan	1	-	18	5	7	-	31	11.1	16
Subaru	1	14	-	-	-	-	15	5.4	2
Suzuki	22	-	-	-	-	-	22	7.9	8
Toyota	-	1	60	18	18	-	97	34.8	52
Other makes	1	1	8	11	4	-	25	9.0	10
Total	25	16	148	52	38	-	279	100.0	140

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

TABLE 5. MAKES OF NEW PANEL VANS REGISTERED, VICTORIA, JANUARY 1988

Make (a)	Vehicle tare weight (kilograms)					Not stated	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				
Ford	-	-	-	26	-	-	26	96.3	26
Mitsubishi	-	-	1	-	-	-	1	3.7	1
Total	-	-	1	26	-	-	27	100.0	27

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

TABLE 6. MAKES OF NEW RIGID TRUCKS REGISTERED, VICTORIA, JANUARY 1988

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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			
Ford	37	18	-	2	-	1	-	59	9.3	45
Isuzu	-	16	24	5	1	-	-	47	7.4	35
Mazda	31	17	-	-	-	-	-	48	7.6	39
Mitsubishi	52	10	3	9	-	-	-	74	11.7	45
Nissan	68	1	-	-	-	-	1	70	11.1	47
Toyota	199	26	-	-	-	-	2	227	35.9	154
Other makes	52	5	18	15	1	15	-	108	17.1	74
Total	439	93	45	31	2	16	-	633	100.0	439

(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 7. MAKES OF NEW ARTICULATED TRUCKS REGISTERED, VICTORIA, JANUARY 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			
Ford	-	-	1	-	-	4	-	5	12.2	-
International	-	-	-	-	-	5	-	5	12.2	1
Kenworth	2	-	-	-	-	7	1	10	24.4	4
Mack	-	-	-	1	-	6	-	7	17.1	4
Scania	3	-	-	-	-	3	-	6	14.6	3
Other makes	2	-	1	1	2	2	-	8	19.5	6
Total	7	-	2	2	2	27	-	41	100.0	18

(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 8. MAKES OF NEW OTHER TRUCK TYPES AND BUSES REGISTERED, VICTORIA, JANUARY 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
Ford	5	5	10	29.4	-	-	-	-
Isuzu	4	-	4	11.8	-	2	2	3.9
Leyland	-	-	-	-	6	-	6	11.8
Toyota	13	-	13	38.2	24	5	29	56.9
Volvo	-	-	-	-	5	1	6	11.8
Other makes	6	1	7	20.6	4	4	8	15.7
Total	28	6	34	100.0	39	12	51	100.0

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

TABLE 9. NEW MOTOR CYCLES REGISTERED, VICTORIA, JANUARY 1988

Make (a)	Cubic capacity of engine (cc)						Not stated	Total	Per cent	M.S.D.
	Up to 50	51 to 150	151 to 250	251 to 500	501 to 750	Over 750				
Honda	1	15	53	4	21	10	-	104	39.0	33
Kawasaki	-	-	19	1	20	5	-	45	16.9	25
Suzuki	1	-	20	-	5	6	-	32	12.0	13
Yamaha	-	6	48	4	3	6	-	67	25.1	19
Other makes	-	-	-	4	5	10	-	19	7.1	9
Total	2	21	140	13	54	37	-	267	100.0	99

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

TABLE 10. NEW MOTOR VEHICLES REGISTERED BY FUEL TYPE AND NUMBER OF CYLINDERS, VICTORIA, JANUARY 1988

Fuel and cylinders	Motor cars and station wagons	Util- ities	Panel vans	Trucks		Other truck types	Buses	Total	Per cent
				Rigid	Artic- ulated				
Fuel -									
Petrol	7,300	227	27	343	-	17	21	7,935	93.8
Diesel	81	51	-	288	41	17	30	508	6.0
Gas	5	-	-	2	-	-	-	7	0.1
Other (incl. dual fuel)	5	1	-	-	-	-	-	6	0.1
Total	7,391	279	27	633	41	34	51	8,456	100.0
Cylinders -									
Four	4,158	187	5	421	-	14	31	4,816	57.0
Six	3,071	81	22	173	35	11	19	3,412	40.4
Eight	112	4	-	9	6	9	1	141	1.7
Other	48	7	-	27	-	-	-	82	1.0
Not stated	2	-	-	3	-	-	-	5	0.1
Total	7,391	279	27	633	41	34	51	8,456	100.0

TABLE 11. NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED JANUARY 1988

Type	M.S.D.	Rest of Victoria	Total
Tractors	13	95	108
Mobile plant, equipment, etc.	15	26	41
Caravans	85	77	162
Trailers	599	590	1,189
Total	712	788	1,500

TABLE 12. MOTOR VEHICLES ON REGISTER, VICTORIA ('000)

As at 30 June	Motor cars and station wagons	Util- ities	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				Rigid	Artic- ulated				
1982	1,731.2	122.0	59.4	149.5	12.2	11.7	11.5	2,097.5	74.3
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