

MOTOR VEHICLE REGISTRATIONS VICTORIA, MAY 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.

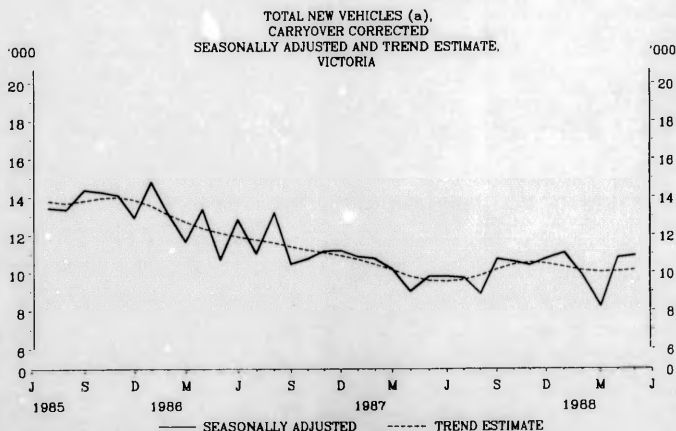
NOTE: Statistics of new motor vehicle registrations refer to the number of registrations processed by the Victorian Road Traffic Authority. Consequently, each month's figure contains some vehicles which were actually registered in a previous month (see paragraph 2 of Explanatory Notes). In particular, 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 between December 1985 and June 1987. For the current financial year, the trend estimate peaked in November 1987 before stabilizing at a slightly lower level.

In seasonally adjusted terms, new motor vehicle registrations in May 1988 (10,891) represent an increase of 1 per cent on the April 1988 figure of 10,788 and an increase of 11 per cent on the May 1987 figure of 9,827.

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, 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.

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

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

EPLE 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 -						
January	10,990	14,033	10,920	8,490	10,841	10,703
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	9,689	8,640	8,911	9,872
September	11,248	10,727	9,970	11,248	10,727	10,190
October	11,151	10,598	10,262	11,151	10,598	10,447
November	7,343	7,772	r10,462	9,843	10,418	r10,542
December	12,872	13,333	r10,533	10,372	10,743	r10,480
January	8,456	11,052	r10,464	8,456	11,052	r10,305
February	9,123	9,922	r10,325	9,123	9,922	r10,126
March	9,615	8,262	r10,216	9,615	8,262	r10,047
April	10,007	10,788	r10,175	10,007	10,788	r10,068
May	11,739	10,891	10,244	11,739	10,891	10,151

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 -									
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
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
1986-87 -									
July - May	98,849	4,718	977	11,063	759	429	765	117,560	5,032
1987-88 -									
July - May	94,847	4,209	940	9,538	752	394	592	111,272	3,601

ORIGINAL SERIES, VICTORIA

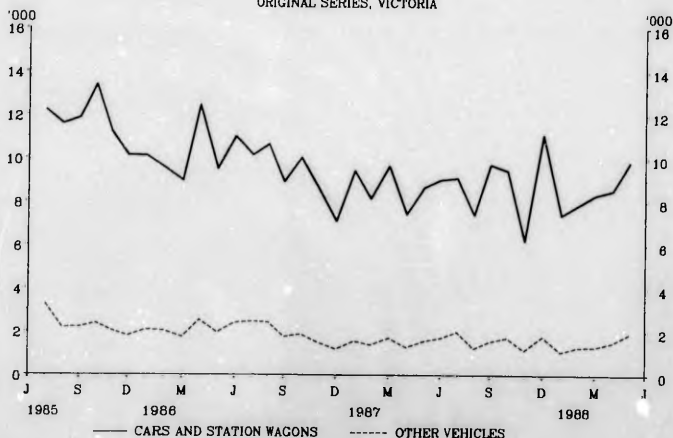


TABLE 2. NEW MOTOR VEHICLES REGISTERED, VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

TABLE 2. NEW MOTOR VEHICLES REGISTERED, VICTORIA, 1986-87 AND 1987-88							
Period	Motor cars and station wagons		Other vehicles(a)		Total(a)(c)		Trend estimate(b)
	Seasonally		Seasonally		Seasonally		
	Original	adjusted	Original	adjusted	Original	adjusted	
MELBOURNE STATISTICAL DIVISION							
1986-87 -							
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	7,438
September	7,522	7,046	1,087	1,140	8,609	8,186	7,624
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	8,029
January	5,612	7,405	691	963	6,303	8,368	7,974
February	6,110	6,677	818	827	6,928	7,504	7,862
March	6,569	5,645	885	749	7,454	6,393	7,778
April	6,475	7,144	973	965	7,448	8,109	7,753
May	7,641	7,264	1,248	1,128	8,889	8,392	7,812
1986-87 -							
July - May	75,387	76,215	13,005	13,223	88,393	89,437	89,782
1987-88 -							
July - May	73,645	74,119	11,318	11,403	84,963	85,521	85,410
TOTAL VICTORIA							
1986-87 -							
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	9,699
September	9,711	9,105	1,537	1,622	11,248	10,727	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	10,533
January	7,391	9,567	1,065	1,485	8,456	11,052	10,464
February	7,838	8,620	1,285	1,302	9,123	9,922	10,325
March	8,317	7,160	1,298	1,102	9,615	8,262	10,216
April	8,520	9,247	1,487	1,541	10,007	10,788	10,175
May	9,025	9,188	1,914	1,703	11,739	10,891	10,244
1986-87 -							
July - May	98,849	100,025	18,711	19,041	117,560	119,065	119,402
1987-88 -							
July - May	94,847	95,403	16,425	16,606	111,272	112,009	111,865

(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.

(c) See paragraph 2 of the Explanatory notes.

TABLE 3. MAKES OF NEW MOTOR CARS AND STATION WAGONS REGISTERED, VICTORIA, MAY 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	52	706	335	1,932	78	2	3,105	31.6	2,315
Holden	101	626	1,195	89	-	3	2,014	20.5	1,546
Mitsubishi	21	117	951	4	29	1	1,123	11.4	903
Nissan	5	371	445	224	84	2	1,131	11.5	897
Toyota	38	396	604	76	121	1	1,236	12.6	960
Other makes	189	378	266	273	109	1	1,216	12.4	1,020
Total	406	2,594	3,796	2,598	421	10	9,825	100.0	7,641

(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, MAY 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	-	-	158	105	22	1	286	50.1	181
Nissan	-	-	28	8	14	-	50	8.8	31
Subaru	2	51	-	-	-	-	53	9.3	6
Toyota	-	1	61	33	27	-	122	21.4	62
Other makes	12	2	22	14	10	-	60	10.5	20
Total	14	54	269	160	73	1	571	100.0	300

(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, MAY 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	-	-	-	87	5	-	92	92.9	88
Other makes	3	1	-	1	2	-	7	7.1	5
Total	3	1	-	88	7	-	99	100.0	93

(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, MAY 1988

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				
	4	8	12	16	20	30	30					
Ford	76	34	-	1	-	4	-	1	116	11.2	89	
Isuzu	1	24	30	18	-	3	-	1	77	7.5	53	
Mazda	95	29	-	-	-	-	-	5	129	12.5	108	
Mitsubishi	91	29	8	8	-	1	-	-	137	13.3	97	
Nissan	113	-	2	1	-	-	-	1	117	11.3	67	
Toyota	290	33	-	-	-	-	-	4	327	31.7	233	
Other makes	53	9	24	18	-	19	1	5	129	12.5	81	
Total	719	158	64	46	-	27	1	17	1,032	100.0	728	

(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, MAY 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			
	16	20	24	30	34	40					
Ford	12	-	-	-	-	-	-	-	12	14.5	4
International	16	-	-	-	-	-	-	-	16	19.3	5
Kenworth	13	-	-	-	-	-	-	-	13	15.7	4
Mack	11	-	-	1	-	-	-	-	12	14.5	7
Voivo	10	-	-	-	-	-	-	-	10	12.0	6
Other makes	18	1	1	-	-	-	-	-	20	24.1	14
Total	80	1	1	1	-	-	-	-	83	100.0	40

(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, MAY 1988

Make (a)	Other truck types				Buses			
	Rest of M.S.D.	Victoria	Total	Per cent	Rest of M.S.D.	Victoria	Total	Per cent
	M.S.D.	M.S.D.	M.S.D.	M.S.D.	M.S.D.	M.S.D.	M.S.D.	M.S.D.
Ford	5	6	11	22.4	-	-	-	-
Isuzu	20	-	20	40.8	-	2	2	2.5
Mercedes-Benz	-	1	1	2.0	9	2	11	13.7
Toyota	9	3	12	24.5	25	14	39	48.7
Other makes	3	2	5	10.2	16	12	28	35.0
Total	37	12	49	100.0	50	30	80	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, MAY 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	-	6	25	1	23	15	-	70	22.7	26
Kawasaki	-	1	40	-	24	8	-	73	23.7	35
Suzuki	1	2	18	-	11	4	-	36	11.7	14
Yamaha	-	7	52	16	11	12	-	98	31.8	31
Other makes	-	1	4	6	4	16	-	31	10.1	20
Total	1	17	139	23	73	55	-	308	100.0	126

(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, MAY 1988

Fuel and cylinders	Motor cars and station wagons	Utili- ties	Panel vans	Trucks		Other truck types	Buses	Total	Per cent
				Rigid	Artic- ulated				
Fuel -									
Petrol	9,674	492	95	523	2	18	36	10,840	92.3
Diesel	140	76	1	502	81	31	44	875	7.5
Gas	4	-	-	1	-	-	-	5	-
Other (incl. dual fuel)	7	3	3	6	-	-	-	19	0.2
Total	9,824	571	99	1,032	83	49	80	11,738	100.0
Cylinders -									
Four	5,545	291	5	731	2	12	40	6,626	56.4
Six	4,048	260	91	267	72	29	40	4,807	40.9
Eight	172	14	-	9	9	8	-	212	1.8
Other	59	6	3	24	-	-	-	92	0.8
Not stated	1	-	-	1	-	-	-	2	-
Total	9,825	571	99	1,032	83	49	80	11,739	100.0

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

Type	M.S.D.	Rest of Victoria	Total
Tractors	37	158	195
Mobile plant, equipment, etc.	51	39	90
Caravans	122	96	218
Trailers	648	575	1,223
Total	858	868	1,726

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

As at 30 June	Motor cars and station wagons	Utili- ties	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