



MOTOR VEHICLE REGISTRATIONS VICTORIA, MAY 1987

INQUIRIES

Inquiries concerning these statistics may be made by telephoning Information Services on Melbourne (03) 653 0181; for advice on the interpretation of these statistics ask for Darnley de Souza.

MAIN FEATURES

The 10,235 new motor vehicles registered in May 1987 represent an increase of 17 per cent on the April 1987 figure of 8,726 and a decrease of 11 per cent on the number of vehicles registered in May 1986 (11,466).

For the 11 months July 1986 to May 1987, 117,560 new vehicles were registered, a 19 per cent decrease on the 145,154 for the same period in 1985-86.

In seasonally adjusted terms, new motor vehicles registered in May 1987 (9,870) represent an increase of 12 per cent on the April 1987 figure of 8,812 and a decrease of 8 per cent on the number registered in May 1986 (10,785).

As the original and seasonally adjusted new motor vehicle registration series contain irregular influences that can be highly volatile, short-term movements cannot be assumed to indicate changes in the underlying trend. The trend estimate provides a clearer picture of underlying trends. Overall, the trend estimate for total vehicles has declined continuously since December 1985.

NEW MOTOR VEHICLE REGISTRATIONS

Diagram 1

ORIGINAL SERIES, VICTORIA

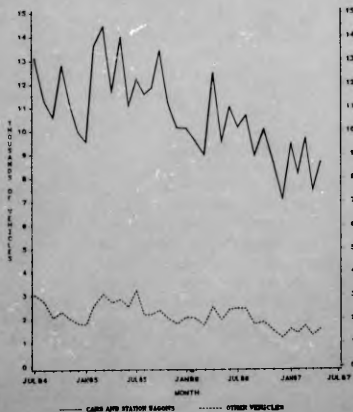
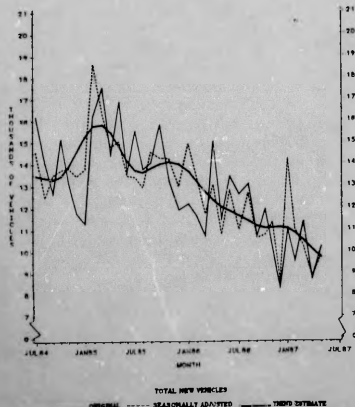


Diagram 2

ORIGINAL AND SEASONALLY ADJUSTED,
VICTORIA



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.

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)
Motor Vehicle Registrations, Australia (9303.0) (monthly)
Motor Vehicle Registrations, Australia (9304.0) (annual)
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 *6566 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

- 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

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	Artic- ulated				
1980-81	114,699	7,126	3,845	10,463	933	531	1,023	138,620	14,450
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	3,079
1985-86 -									
March	8,970	450	69	1,046	75	37	63	10,710	575
April	12,459	635	145	1,495	76	55	117	14,982	768
May	9,515	471	161	1,165	47	40	67	11,466	460
June	11,002	645	127	1,414	67	49	103	13,407	638
1986-87 -									
July	10,146	655	119	1,420	109	46	108	12,603	453
August	10,648	625	107	1,452	90	45	109	13,076	580
September	8,922	414	60	1,137	52	41	56	10,682	509
October	10,043	470	67	1,145	84	46	61	11,916	536
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
1985-86 -									
July - May	121,001	5,973	1,059	14,736	960	521	904	145,154	7,441
1986-87 -									
July - May	98,849	4,718	977	11,063	759	429	765	117,560	5,032

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							
1985-86 -							
March	6,849	7,234	1,192	1,305	8,041	8,539	9,456
April	9,326	8,524	1,791	1,459	11,117	9,983	9,249
May	7,393	6,953	1,430	1,266	8,823	8,219	9,074
June	8,218	8,097	1,650	1,518	9,868	9,615	8,957
1986-87 -							
July	7,673	6,950	1,670	1,367	9,343	8,317	8,788
August	8,138	7,773	1,678	1,715	9,816	9,488	8,567
September	6,851	6,704	1,230	1,274	8,081	7,978	8,341
October	7,628	6,801	1,289	1,248	8,917	8,048	8,224
November	6,633	6,920	1,046	1,208	7,679	8,128	8,222
December	5,450	5,753	837	976	6,288	6,728	8,250
January	6,944	8,884	1,069	1,471	8,013	10,355	8,251
February	6,183	7,185	1,003	1,066	7,186	8,251	8,155
March	7,402	6,811	1,226	1,102	8,628	7,912	7,950
April	5,831	5,915	879	814	6,710	6,729	7,689
May	6,654	6,500	1,078	999	7,732	7,499	7,439
1985-86 -							
July - May	90,315	90,736	16,618	16,788	106,892	107,523	108,162
1986-87 -							
July - May	75,387	76,195	13,005	13,239	88,393	89,434	89,876

TOTAL VICTORIA

1985-86 -							
March	8,970	9,817	1,741	1,901	10,710	11,718	12,716
April	12,459	11,029	2,523	2,023	14,982	13,051	12,336
May	9,515	9,027	1,951	1,758	11,466	10,785	12,029
June	11,002	10,627	2,405	2,183	13,407	12,810	11,848
1986-87 -							
July	10,146	9,048	2,457	1,954	12,603	11,002	11,640
August	10,648	10,208	2,428	2,457	13,076	12,665	11,405
September	8,922	8,758	1,760	1,867	10,662	10,625	11,174
October	10,043	8,928	1,873	1,839	11,916	10,767	11,072
November	8,642	9,536	1,493	1,811	10,135	11,347	11,086
December	7,106	7,284	1,197	1,333	8,303	8,617	11,103
January	9,419	12,036	1,571	2,169	10,990	14,205	11,051
February	8,153	9,535	1,382	1,477	9,535	11,012	10,853
March	9,653	8,741	1,706	1,503	11,359	10,244	10,511
April	7,448	7,607	1,278	1,205	8,726	8,812	10,104
May	8,669	8,409	1,566	1,461	10,235	9,870	9,714
1985-86 -							
July - May	121,001	121,718	24,159	24,426	145,154	146,144	147,006
1986-87 -							
July - May	98,849	100,088	18,711	19,078	117,560	119,166	119,714

(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, MAY 1987

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	428	234	1,100	748	14	1	2,525	29.1	1,911
Holden	300	354	1,264	104	6	2	2,030	23.4	1,588
Mitsubishi	17	127	874	3	13	-	1,034	11.9	780
Nissan	112	27	396	170	55	1	761	8.8	555
Toyota	29	630	418	80	70	-	1,227	14.2	922
Other makes	196	438	210	149	98	1	1,092	12.6	898
Total	1,082	1,810	4,262	1,254	256	5	8,669	100.0	6,654

(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 1987

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	-	-	109	58	9	-	176	41.3	95
Holden	1	-	18	3	-	-	22	5.2	14
Nissan	-	-	35	10	16	-	61	14.3	45
Toyota	-	2	36	27	16	-	81	19.0	47
Other makes	23	23	24	10	6	-	86	20.2	31
Total	24	25	222	108	47	-	426	100.0	232

(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 1987

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			
Daihatsu	2	-	-	-	-	-	2	5.0	-
Ford	-	-	4	28	1	1	34	85.0	29
Other makes	1	1	2	-	-	-	4	10.0	2
Total	3	1	6	28	1	1	40	100.0	31

(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 1987

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	91	47	-	5	-	5	-	22	170	18.1	138
Isuzu	-	17	32	14	-	2	-	-	65	6.9	47
Mazda	76	20	-	-	-	-	-	7	103	11.0	92
Mitsubishi	69	16	6	14	-	-	-	1	106	11.3	83
Nissan	104	3	-	1	-	1	-	2	111	11.8	79
Toyota	204	30	-	-	-	-	-	-	234	24.9	177
Other makes	71	12	17	12	2	25	-	10	149	15.9	100
Total	615	145	55	46	2	33	-	42	938	100.0	716

(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 1987

Make (b)	Gross combination mass (tonnes) (a)								Total	Per cent M.S.D.	
	Up to 16.001	16.001 to 20.001	20.001 to 24.001	24.001 to 30.001	30.001 to 34.001	34.001 to 40	Over 40	Not stated			
Ford	2	-	-	1	-	2	-	2	7	10.6	-
International	5	1	-	4	-	6	-	-	16	24.2	4
Kenworth	8	-	-	-	-	6	-	-	14	21.2	6
Mercedes-Benz	1	-	-	-	1	7	-	-	9	13.6	7
Scania	2	-	2	-	-	3	-	1	8	12.1	6
Other makes	3	-	2	1	-	6	-	-	12	18.2	7
Total	21	1	4	6	1	30	-	3	66	100.0	30

(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 1987

Make (a)	Other truck types				Buses			
	M.S.D.	Rest of	Total	Per cent	M.S.D.	Rest of	Total	Per cent
		Victoria				Victoria		
Ford	6	3	9	29.0	-	-	-	-
Hino	5	3	8	25.8	1	4	5	7.7
International	4	-	4	12.9	-	-	-	-
Mercedes-Benz	-	-	-	-	7	2	9	13.8
Nissan	3	-	3	9.7	15	2	17	26.2
Toyota	1	1	2	6.5	14	6	20	30.8
Other makes	5	-	5	16.1	8	6	14	21.5
Total	24	7	31	100.0	45	20	65	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 1987

Make (a)	Cubic capacity of engine (cc)						Over 750	Not stated	Total	Per cent	M.S.D.
	Up to 50	51 to 150	151 to 250	251 to 500	501 to 750						
Honda	3	14	52	3	18	12	-	-	102	28.2	42
Kawasaki	-	-	34	4	17	14	-	-	69	19.1	34
Suzuki	-	5	31	4	8	12	-	-	60	16.6	23
Yamaha	-	5	53	8	11	18	-	-	95	26.2	39
Other makes	-	3	5	5	2	21	-	-	36	9.9	18
Total	3	27	175	24	56	77	-	-	362	100.0	156

(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 1987

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	8,567	353	39	500	-	13	27	9,499	92.8
Diesel	90	72	1	435	66	18	38	720	7.0
Gas	7	-	-	1	-	-	-	8	0.1
Other (incl. dual fuel)	5	1	-	2	-	-	-	8	0.1
Total	8,669	426	40	938	66	31	65	10,235	100.0
Cylinders -									
Four	4,812	238	10	664	-	6	38	5,768	56.4
Six	3,647	171	28	204	52	15	21	4,138	40.4
Eight	147	7	-	22	13	10	6	205	2.0
Other	60	10	2	37	-	-	-	109	1.1
Not stated	3	-	-	11	1	-	-	15	0.1
Total	8,669	426	40	938	66	31	65	10,235	100.0

TABLE 11. NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED
MAY 1987

Type	M.S.D.	Rest of Victoria	Total
Tractors	25	127	152
Mobile plant, equipment, etc.	43	24	67
Caravans	142	128	270
Trailers	633	590	1,223
Total	843	869	1,712

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				
1981	1,632.5	113.9	57.0	136.8	11.1	10.5	9.9	1,971.7	64.2
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