

CATALOGUE NUMBER 9303.2
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MOTOR VEHICLE REGISTRATIONS VICTORIA, MARCH 1991

Note: Statistics of new motor vehicle registrations refer to the number of registrations processed by the Victorian Roads Corporation. Due to backlogs in processing new registrations and variations in the rate of processing, caution should be exercised when interpreting month to month movements in the original and seasonally adjusted series.

The following table indicates the proportion of total new motor vehicle registrations reported each month by Roads Corporation that relate to the reference month; in March 1991 the proportion of "current" records was 76 per cent, with 24 per cent relating to earlier periods.

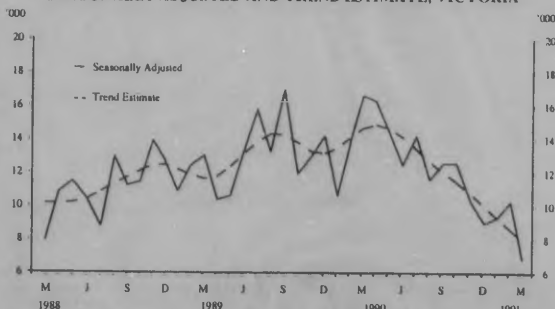
Publication month (1990/1991)	Earlier months	Reference month						Total
		October	November	December	January	February	March	
		(per cent)						
October 1990	23	77						100
November 1990	5	24	71					100
December 1990	2	2	30	67				100
January 1991	1	1	5	30	63			100
February 1991	1		1	4	20	74		100
March 1991	1		1	1	1	20	76	100

MAIN FEATURES

During the first nine months of the financial year a total of 96,310 new motor vehicles were reported as registered, a decrease of 24 per cent over the corresponding period of 1989-90 (Table 3).

NEW MOTOR VEHICLE REGISTRATIONS

**TOTAL NEW VEHICLES (a)
SEASONALLY ADJUSTED AND TREND ESTIMATE, VICTORIA**



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

INQUIRIES

for further information about statistics in this publication and the availability of related unpublished statistics, contact Klaus Buechler or Leon Kinnerly on Melbourne (03) 615 7000; or any ABS State office.

for information about other ABS statistics and services please contact Information Services Melbourne (03) 615 7000; or any ABS State office.

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

As at 30 June	Motor cars and station wagons	Trucks				Other truck types	Buses	Total	Motor cycles
		Utilities	Panel vans	Rigid	Artic- ulated				
1985	1,936.8	137.8	59.0	181.1	13.0	13.0	13.8	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
1989	2,076.2	146.6	49.1	206.5	13.1	11.7	13.9	2,517.1	68.1
1990	2,137.8	150.2	44.5	210.7	14.2	13.0	13.8	2,584.3	67.9

TABLE 2. NEW MOTOR VEHICLES REGISTERED, VICTORIA

Period	Motor cars and station wagons	Utilities	Trucks			Other truck types	Buses	Total	Motor cycles
			Panel vans	Rigid	Artic- ulated				
1987-88	103,907	4,724	1,008	10,620	818	425	659	122,161	3,847
1988-89	119,216	6,717	1,171	12,320	930	426	714	141,494	4,219
1989-90	140,918	8,431	984	16,859	1,121	362	690	169,365	4,788
1989-90 —									
January	6,894	452	51	909	70	23	41	8,440	294
February	10,036	600	85	1,204	46	16	64	12,051	451
March	16,701	829	82	1,675	118	20	96	19,521	414
April	12,503	688	76	1,368	141	18	69	14,663	516
May	12,639	687	71	1,518	74	36	43	15,066	459
June	10,331	630	51	1,184	64	47	51	12,378	381
1990-91 —									
July	13,185	678	78	1,454	97	54	81	15,627	581
August	10,398	398	51	1,067	74	22	45	12,055	372
September	11,214	350	67	951	54	19	37	12,701	546
October	10,945	724	84	1,402	64	41	50	13,110	460
November	9,060	470	55	851	39	32	36	10,543	414
December	7,651	262	37	624	59	21	31	8,685	338
January	6,524	264	14	572	19	28	26	7,444	412
February	7,277	384	56	775	24	16	39	8,571	447
March	6,462	294	15	549	15	14	25	7,374	327
1989-90 —									
July — March	105,445	6,430	784	12,789	622	261	527	127,058	3,430
1990-91 —									
July — March	82,716	3,833	157	8,245	445	244	170	96,310	3,197

ORIGINAL SERIES, VICTORIA

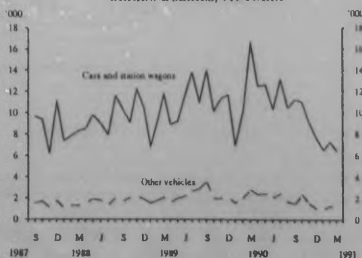


TABLE 3. NEW MOTOR VEHICLES REGISTERED VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

Period	Motor cars and station wagons		Other vehicles(a)		Totals(b)		Trend estimate(c)
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	
MELBOURNE STATISTICAL DIVISION							
1989-90 —							
January	5,193	6,447	1,007	1,336	6,200	7,784	10,359
February	7,862	8,938	1,351	1,513	9,213	10,450	10,791
March	13,138	11,282	1,851	1,625	14,989	12,908	11,160
April	9,757	10,748	1,539	1,663	11,296	12,411	11,289
May	9,753	9,336	1,622	1,452	11,375	10,788	11,088
June	7,962	8,085	1,353	1,283	9,315	9,368	10,677
1990-91 —							
July	10,133	9,467	1,548	1,254	11,681	10,720	10,129
August	8,172	7,865	1,109	1,066	9,281	8,931	9,549
September	8,811	8,368	1,029	1,154	9,840	9,522	9,111
October	8,434	8,046	1,521	1,262	9,955	9,308	8,709
November	7,035	6,831	960	1,015	7,995	7,845	8,221
December	6,197	6,405	699	850	6,796	7,255	7,671
January	5,159	6,367	585	782	5,744	7,149	7,143
February	5,722	6,522	877	984	6,599	7,506	6,671
March	5,111	4,784	604	598	5,715	5,383	6,209
1989-90 —							
July — March	82,397	81,300	14,468	14,789	96,865	96,089	95,091
1990-91 —							
July — March	64,674	64,654	8,932	8,965	73,606	73,619	73,412
TOTAL VICTORIA							
1989-90 —							
January	6,894	8,606	1,546	2,027	8,440	10,633	13,491
February	10,036	11,566	2,015	2,290	12,051	13,856	14,115
March	16,701	14,134	2,820	2,506	19,521	16,640	14,669
April	12,503	13,820	2,160	2,486	14,663	16,307	14,886
May	12,639	12,190	2,427	2,223	15,066	14,413	14,639
June	10,331	10,496	2,047	1,947	12,378	12,443	14,119
1990-91 —							
July	13,185	12,262	2,442	1,964	15,627	14,227	13,418
August	10,398	10,048	1,657	1,558	12,055	11,606	12,661
September	11,214	10,877	1,487	1,706	12,701	12,583	12,051
October	10,945	10,629	2,165	1,981	13,110	12,610	11,469
November	9,060	8,705	1,483	1,632	10,543	10,337	10,777
December	7,651	7,788	1,034	1,207	8,685	8,995	10,004
January	6,524	8,146	920	1,230	7,444	9,376	9,264
February	7,277	8,396	1,294	1,476	8,571	9,872	8,612
March	6,462	5,943	912	902	7,374	6,845	7,969
1989-90 —							
July — March	105,445	104,196	21,611	22,128	127,058	126,325	124,907
1990-91 —							
July — March	82,716	82,794	13,594	13,656	96,310	96,451	96,225

(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, MARCH 1991

Make	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	9	407	62	737	84	-	1,299	20.1	894
Holden	87	141	404	844	34	-	1,510	23.4	1,223
Mitsubishi	3	120	356	19	30	-	528	8.2	400
Nissan	2	348	282	76	122	-	830	12.8	717
Toyota	7	339	555	79	177	-	1,157	17.9	875
Other makes	290	436	298	97	17	-	1,138	17.6	1,002
Total	398	1,791	1,957	1,852	464	-	6,462	100.0	5,111

TABLE 5. MAKES OF NEW UTILITIES REGISTERED, VICTORIA,
MARCH 1991

Make	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	-	-	22	11	5	-	38	12.9	17
Holden	-	1	43	36	12	-	92	31.3	54
Mitsubishi	-	-	13	2	3	-	18	6.1	11
Nissan	-	-	8	3	8	-	19	6.5	12
Subaru	6	33	-	-	1	-	40	13.6	3
Suzuki	10	9	-	-	-	-	19	6.5	12
Toyota	-	-	38	11	11	-	60	20.4	38
Other makes	-	-	4	1	3	-	8	2.7	3
Total	16	43	128	64	43	-	294	100.0	150

TABLE 6. MAKES OF NEW PANEL VANS REGISTERED, VICTORIA,
MARCH 1991

Make	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	-	-	-	8	-	-	8	53.3	8
Mazda	-	-	1	3	-	-	4	26.7	4
Nissan	-	-	-	1	-	-	1	6.7	-
Volkswagon	-	-	-	2	-	-	2	13.3	2
Other makes	-	-	-	-	-	-	-	-	-
Total	-	-	1	14	-	-	15	100.0	14

TABLE 7. MAKES OF NEW RIGID TRUCKS REGISTERED, VICTORIA, MARCH 1991

Make	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	10	3	1				2	52	68	12.4	52
Holden	11							25	36	6.6	17
Mitsubishi	14	5		5		5	2	101	132	24.0	110
Nissan	9	9		1				49	68	12.4	48
Toyota	5	13		3				115	136	24.8	94
Other makes	7	6	3	13	3	8	5	64	109	19.9	81
Total	56	36	4	22	3	13	9	406	549	100.0	404

(a) Gross vehicle mass is the maximum permissible weight of the loaded vehicle

TABLE 8. MAKES OF NEW ARTICULATED TRUCKS REGISTERED, VICTORIA, MARCH 1991

Make	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			
International							2		2	13.3	2
Kenworth						1	2		3	20.0	
Volvo							2		2	13.3	2
Other makes				1			1	4	6	53.3	6
Total				1		1	8	4	15	100.0	10

(a) Gross combination mass is the maximum permissible weight of the prime mover plus attached loaded trailer

TABLE 9. MAKES OF NEW OTHER TRUCK TYPES AND BUSES REGISTERED, VICTORIA, MARCH 1991

Make	Other truck types				Buses			
	M.S.D.	Rest of Victoria	Total	Per cent	M.S.D.	Rest of Victoria	Total	Per cent
Ford	2		2	14.3				
International	2		2	14.3				
Toyota	4	2	6	42.9	11	3	14	56.0
Other makes	2	2	4	28.6	5	6	11	44.0
Total	10	4	14	100.0	16	9	25	100.0

TABLE 10. NEW MOTOR CYCLES REGISTERED, VICTORIA, MARCH 1991

Make	Cubic capacity of engine (cc)							Total	Per cent	MSD
	Up to 50	51 to 150	151 to 250	251 to 500	501 to 750	Over 750	Not stated			
Harley Davidson						45		45	13.8	34
Honda	2	14	21		16	4		57	17.4	33
Kawasaki		1	31	2	11	6		51	15.6	22
Suzuki		2	45	6	12	11		76	23.2	42
Yamaha		1	57	12	11	6		87	26.6	37
Other makes			2	2	1	5		11	3.4	6
Total	2	19	156	22	51	77		327	100.0	174

TABLE 11. NEW MOTOR VEHICLES REGISTERED BY FUEL TYPE AND NUMBER OF CYLINDERS, VICTORIA, MARCH 1991

Fuel and cylinders	Motor cars and station wagons	Utilities	Panel vans	Trucks			Other truck types	Buses	Total	Per cent
				Rigid	Articulated					
Fuel —										
Petrol	6,316	263	15	308			8	13	6,923	93.9
Diesel	143	29		240	15		6	12	445	6.0
Gas	1	2		1					4	0.1
Other (incl. dual fuel)	2								2	
Total	6,462	294	15	549	15		14	25	7,374	100.0
Cylinders —										
Four	3,644	309	4	402	2		6	13	4,480	60.8
Six	2,410	65	8	124	10		7	11	2,635	35.7
Eight	106	15		4	3		1		129	1.7
Other	81	5		18					104	1.4
Not stated	21		3	1				1	26	0.4
Total	6,462	294	15	549	15		14	25	7,374	100.0

TABLE 12. NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED, MARCH 1991

Type	MSD	Rest of Victoria	Total
Tractors	13	27	40
Mobile plant, equipment, etc.	11	7	18
Caravans	51	49	100
Trailers	291	232	523
Total	366	315	681

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 Roads Corporation (formerly the Road Traffic Authority of Victoria) and reflect the information as recorded in registration documents. In these statistics, registrations mean registrations processed by the Roads Corporation during the period. In Victoria, registrations are not processed by the Roads Corporation 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 Roads Corporation 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 3. 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 3. 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, 1985 and 1988. 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 Roads Corporation.

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) (\$3.25)

Motor Vehicle Registrations, Australia (9303.0) (monthly) (\$8.00)

Motor Vehicle Registrations, Australia (9304.0) (annual) (\$8.00)

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. **DISCOVERY** 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.

R.A. CROCKETT

Deputy Commonwealth Statistician

