

MOTOR VEHICLE REGISTRATIONS VICTORIA, DECEMBER 1990

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 David Miller or Leon Kinnersly.

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.

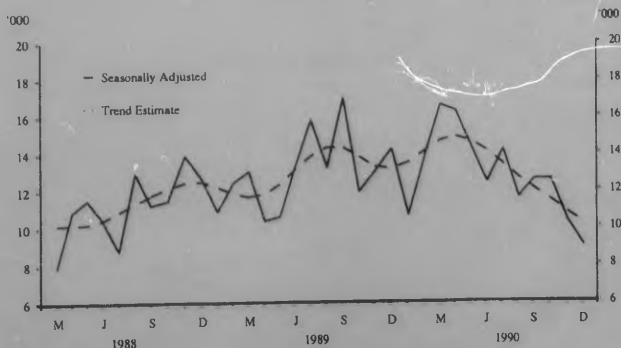
The following table indicates the proportion of total new motor vehicle registrations reported each month by Roads Corporation that relate to the reference month; in December 1990 the proportion of "current" records was 67 per cent, with 34 per cent relating to earlier periods.

Publication month (1990)	Earlier months	Reference month						Total
		July	August	September	October	November	December	
		(per cent)						
July 1990	27	73						100
August 1990	2	9	89					100
September 1990	2	1	19	78				100
October 1990	1		3	19	77			100
November 1990	2		1	2	24	71		100
December 1990	1			1	2	30	67	100

MAIN FEATURES

During the first six months of the financial year a total of 72,921 new motor vehicles were reported as registered, a decrease of 16 per cent over the corresponding period of 1989-90 (Table 2).

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.

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

As at 30 June	Motor cars and station wagons	Utilities	Trucks			Other truck types	Buses	Total	Motor cycles
			Panel vans	Rigid	Artic- ulated				
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	13.8	13.7	14.3	2,505.1	80.1
1989	2,076.2	146.6	49.1	206.3	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	2,652.1	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	859	122,161	3,847
1988-89	119,216	6,711	1,171	12,320	930	426	114	141,494	4,219
1989-90	140,918	8,431	984	16,859	1,121	562	590	169,365	4,786
1989-90									
October	10,112	515	93	1,124	107	24	58	12,080	261
November	7,295	864	78	1,176	85	31	8	13,306	348
December	17,692	685	82	1,345	50	23	19	13,818	459
January	8,894	482	51	896	70	23	11	8,440	294
February	10,036	600	85	1,204	46	16	64	12,051	431
March	16,701	820	82	1,675	118	20	96	19,521	414
April	12,501	683	78	1,368	141	18	59	14,861	516
May	12,639	683	73	1,518	74	38	47	15,066	459
June	10,331	690	71	1,384	84	47	51	12,378	381
1990-91									
July	13,185	618	78	1,454	97	54	81	15,627	381
August	10,198	598	51	1,597	74	22	45	12,055	372
September	11,214	559	67	951	54	19	37	12,701	516
October	10,945	724	54	1,402	64	11	50	13,310	460
November	9,060	470	35	857	39	12	36	10,543	414
December	7,651	261	57	824	59	21	51	8,685	338
1989-90									
July — December	71,814	4,549	966	9,001	588	307	326	87,046	2,291
1990-91 —									
July — December	62,451	2,891	772	6,349	587	189	280	72,921	2,311

ORIGINAL SERIES, VICTORIA

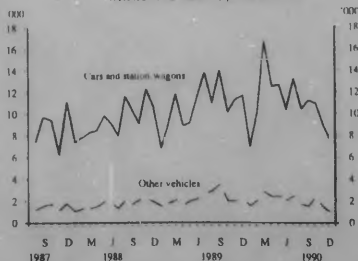


TABLE 3. NEW MOTOR VEHICLES REGISTERED VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

Period	Motor cars and station wagons		Other vehicles(a)		Totals(a) (b)		Trend estimate(c)
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	
MELBOURNE STATISTICAL DIVISION							
1989-90 —							
October	8,032	8,032	1,376	1,272	9,408	9,305	10,372
November	8,931	8,305	1,344	1,424	10,275	9,729	9,980
December	9,128	9,201	1,479	1,774	10,604	10,975	9,959
January	5,193	6,301	1,007	1,268	6,200	7,569	10,316
February	7,862	8,660	1,351	1,498	9,213	10,158	10,877
March	13,138	12,478	1,851	1,644	14,989	14,123	11,338
April	9,757	10,995	1,539	1,709	11,296	12,704	11,506
May	9,753	9,081	1,622	1,468	11,375	10,549	11,281
June	7,962	7,726	1,353	1,270	9,315	8,997	10,803
1990-91 —							
July	10,133	10,213	1,548	1,246	11,681	11,458	10,164
August	4,172	7,605	1,109	1,029	5,281	8,634	9,559
September	8,811	8,455	1,029	1,184	9,840	9,609	9,117
October	4,434	8,023	1,521	1,339	5,955	9,362	8,947
November	7,035	6,639	960	1,018	7,995	7,655	8,156
December	6,097	6,166	699	835	6,796	7,001	7,697
1989-90 —							
July — December	58,394	54,562	10,259	10,279	68,653	64,841	62,367
1990-91 —							
July — December	48,082	47,100	8,866	8,620	55,548	53,719	53,341
TOTAL VICTORIA							
1989-90 —							
October	10,112	10,148	1,978	1,777	12,090	11,925	13,795
November	11,395	10,800	2,011	2,196	13,306	12,997	13,263
December	11,692	11,726	2,126	2,499	13,818	14,225	13,142
January	8,894	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	14,668
April	12,503	13,820	2,360	2,486	14,863	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	13,393
August	10,398	10,048	1,657	1,558	12,055	11,606	12,660
September	11,214	10,877	1,487	1,706	12,701	12,583	12,059
October	10,945	10,629	2,365	1,981	13,310	12,610	11,432
November	9,060	8,705	1,483	1,632	10,543	10,337	10,780
December	7,651	7,783	1,034	1,198	8,685	8,981	10,185
1989-90 —							
July — December	71,814	69,890	15,232	15,305	87,046	85,196	82,633
1990-91 —							
July — December	62,453	60,304	10,468	10,039	72,921	70,344	70,509

(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, DECEMBER 1990

Make	Vehicle tare weight (kilograms)						Total	Per cent	MSD
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	12	678	107	1,087	118	-	2,002	26.2	1,470
Holden	91	90	245	731	34	-	1,191	15.6	932
Mitsubishi	6	103	449	45	25	1	629	8.2	467
Nissan	13	810	279	91	130	-	1,323	17.3	1,134
Toyota	10	311	795	154	172	-	1,442	18.8	1,217
Other makes	235	379	332	89	29	-	1,064	13.9	877
Total	367	2,371	2,207	2,197	508	1	7,651	100.0	6,097

TABLE 5. MAKES OF NEW UTILITIES REGISTERED, VICTORIA.
DECEMBER 1990

Make	Vehicle tare weight (kilograms)						Total	Per cent	MSD
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	-	1	13	7	8	-	49	18.7	24
Holden	-	1	60	26	3	-	90	34.4	54
Mitsubishi	-	-	10	2	2	-	14	5.3	8
Nissan	-	-	13	5	4	-	22	8.4	17
Subaru	3	32	-	-	1	-	36	13.7	4
Toyota	-	-	18	10	9	-	37	14.1	16
Other makes	3	2	4	3	2	-	14	5.3	9
Total	6	36	138	53	29	-	262	100.0	132

TABLE 6. MAKES OF NEW PANEL VANS REGISTERED, VICTORIA.
DECEMBER 1990

Make	Vehicle tare weight (kilograms)						Total	Per cent	MSD
	Up to 900	901 to 1,100	1,101 to 1,300	1,301 to 1,500	Over 1,500	Not stated			
Ford	-	-	-	30	-	-	30	81.1	25
Mitsubishi	-	-	2	-	1	-	3	8.1	3
Other makes	-	1	1	-	2	-	4	10.8	2
Total	-	1	3	30	3	-	37	100.0	30

TABLE 7. MAKES OF NEW RIGID TRUCKS REGISTERED, VICTORIA,
DECEMBER 1990

Make	Gross vehicle mass (tonnes) (a)										Per cent	MSD
	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	Total			
Ford	7	7	3	-	-	1	1	68	87	13.9	59	
Holden	18	-	-	-	-	-	-	25	43	6.9	25	
Izuzu	4	9	4	18	-	2	-	29	66	10.6	54	
Mazda	4	1	2	-	-	-	-	30	37	5.9	26	
Mitsubishi	24	10	-	5	1	1	5	93	139	22.3	113	
Nissan	2	-	-	1	-	-	1	45	49	7.9	38	
Toyota	15	11	-	-	-	-	-	97	123	19.7	76	
Other makes	5	2	1	5	3	9	3	52	80	12.8	57	
Total	79	40	10	29	4	13	10	439	624	100.0	448	

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

TABLE 8. MAKES OF NEW ARTICULATED TRUCKS REGISTERED, VICTORIA,
DECEMBER 1990

Make	Gross combination mass (tonnes) (a)										Per cent	MSD
	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	Total			
Ford	-	-	-	-	-	-	9	-	9	15.3	6	
International	-	-	-	-	-	-	6	-	6	10.2	1	
Kenworth	-	-	-	-	-	-	12	-	12	20.3	11	
Mack	-	-	-	-	-	-	6	-	6	10.2	6	
Mercedes-Benz	-	-	-	-	-	-	0	-	0	15.3	9	
Volvo	-	-	-	-	-	1	5	1	7	11.9	6	
Other makes	-	-	-	-	1	3	4	2	10	16.9	7	
Total	-	-	-	-	1	4	51	3	59	100.0	46	

(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,
DECEMBER 1990

Make	Other truck types				Buses			
	MSD	Rest of Victoria	Total	Per cent	MSD	Rest of Victoria	Total	Per cent
Ford	7	1	8	38.1	-	-	-	-
International	4	-	4	19.0	-	-	-	-
Mitsubishi	4	-	4	19.0	-	-	-	-
Toyota	4	-	4	19.0	15	5	20	64.5
Other makes	1	-	1	4.8	8	3	11	35.5
Total	20	1	21	100.0	23	8	31	100.0

TABLE 10. NEW MOTOR CYCLES REGISTERED, VICTORIA, DECEMBER 1990

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	-	-	-	-	-	36	-	36	10.7	29
Honda	-	6	20	-	9	4	-	39	11.5	16
Kawasaki	-	2	48	4	12	1	-	67	19.8	37
Suzuki	-	2	46	6	17	6	-	77	22.8	49
Yamaha	6	3	64	9	7	8	-	97	28.7	42
Other makes	-	5	3	1	-	13	-	22	6.5	14
Total	6	18	181	20	45	68	-	338	100.0	187

TABLE 11. NEW MOTOR VEHICLES REGISTERED BY FUEL TYPE AND NUMBER OF CYLINDERS, VICTORIA, DECEMBER 1990

Fuel and cylinders	Motor cars and station wagons	Utilities	Trucks			Other truck types	Buses	Total	Per cent
			Panel vans	Rigid	Articulated				
Fuel —									
Petrol	7,551	236	36	421	-	11	17	8,272	95.2
Diesel	93	25	1	201	59	10	14	405	4.6
Gas	6	-	-	1	-	-	-	7	0.1
Other (incl. dual fuel)	1	1	-	1	-	-	-	3	-
Total	7,651	262	37	624	59	21	31	8,685	100.0
Cylinders —									
Four	4,630	153	5	441	-	8	19	5,276	60.7
Six	2,756	85	31	154	18	9	12	3,065	35.3
Eight	163	22	-	7	41	4	-	237	2.7
Other	80	2	-	17	-	-	-	99	1.1
Not stated	2	-	1	5	-	-	-	8	0.1
Total	7,651	262	37	624	59	21	31	8,685	100.0

TABLE 12. NEW TRACTORS, PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED, DECEMBER 1990

Type	MSD	Rest of Victoria	Total
Tractors	28	64	92
Mobile plant, equipment, etc.	23	14	37
Caravans	54	33	87
Trailers	362	269	631
Total	467	380	847

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.

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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

