

MOTOR VEHICLE REGISTRATIONS VICTORIA, NOVEMBER 1990

INQUIRIES (03) 615 7000; for advice on the interpretation of these statistics ask for David Miller or Leon Kinnerly.

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 earlier months; for example, in June 1990 78 per cent of records related to the reference month, and 22 per cent related to earlier months. In November 1990 the proportion of "current" records was 71 per cent, with 29 per cent relating to earlier periods.

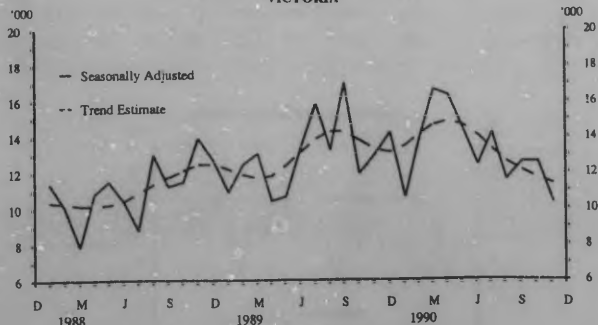
Publication month (1990)	Earlier months	Reference month					Total
		June	July	August	September	October	
		(per cent)					
June 1990	22	78	-	-	-	-	100
July 1990	2	25	73	-	-	-	100
August 1990	1	1	9	89	-	-	100
September 1990	1	1	1	19	78	-	100
October 1990	1	-	-	3	19	77	100
November 1990	2	-	-	1	2	24	71

MAIN FEATURES

During the first five months of the financial year a total of 64,236 new motor vehicles were reported as registered, a decrease of 12 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	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				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	201.7	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	2,652.1	67.9

TABLE 2. 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				
1987-88	103,907	4,724	1,008	10,630	818	425	659	122,161	3,847
1988-89	119,216	6,717	1,171	12,330	930	426	714	141,494	4,219
1989-90	140,918	8,431	984	16,859	1,121	362	690	169,365	4,786
1989-90 —									
September	13,986	1,076	128	2,079	129	55	69	17,522	393
October	10,112	575	90	1,124	107	24	58	12,090	261
November	11,295	604	78	1,176	85	30	38	13,306	348
December	11,692	687	82	1,245	50	23	39	13,518	459
January	6,894	452	51	909	70	23	41	8,440	254
February	10,036	600	85	1,204	46	16	64	12,051	431
March	16,701	829	82	1,675	118	20	96	19,521	414
April	12,503	688	76	1,368	141	18	69	14,863	516
May	12,639	683	73	1,518	74	36	43	15,066	459
June	10,331	630	51	1,184	84	47	51	12,378	381
1990-91 —									
July	13,185	678	78	1,454	97	54	81	15,627	381
August	10,398	398	51	1,067	74	22	45	12,055	372
September	11,214	359	67	951	54	19	37	12,701	346
October	10,945	724	84	1,402	64	41	50	13,310	460
November	9,060	470	55	851	39	32	36	10,543	414
1989-90 —									
July — November	60,122	3,862	484	7,756	538	179	287	73,228	1,832
1990-91 —									
July — November	34,802	2,629	335	5,725	328	168	249	64,236	1,973

ORIGINAL SERIES, VICTORIA

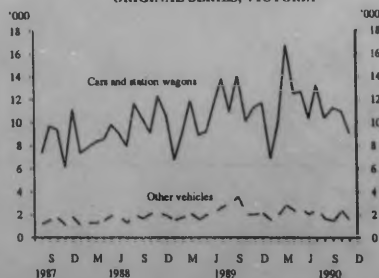


TABLE 3. NEW MOTOR VEHICLES REGISTERED VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

Period	Motor cars and station wagons		Other vehicles(a)		Total(a)(b)		Trend estimate(c)
	Original	Seasonally adjusted(c)	Original	Seasonally adjusted(c)	Original	Seasonally adjusted(c)	
MELBOURNE STATISTICAL DIVISION							
1989-90 —							
September	10,919	10,094	2,366	2,515	13,285	12,609	10,750
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	9,125	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	11,358
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	10,766
1990-91 —							
July	10,133	10,213	1,548	1,246	11,681	11,458	10,100
August	8,172	7,605	1,109	1,029	9,281	8,634	9,540
September	8,811	8,455	1,029	1,154	9,840	9,609	9,144
October	8,434	8,023	1,521	1,339	9,955	9,362	8,800
November	7,035	6,639	960	1,016	7,995	7,655	8,553
1989-90 —							
July — November	47,079	45,361	8,780	8,505	55,859	53,866	52,408
1990-91 —							
July — November	42,585	40,934	8,167	8,784	48,752	46,718	46,137
TOTAL VICTORIA							
1989-90 —							
September	13,986	13,161	3,536	3,843	17,522	17,004	14,272
October	10,112	10,148	1,978	1,777	12,090	11,925	13,795
November	11,295	10,801	2,011	2,196	13,306	12,997	13,263
December	11,692	11,726	2,136	2,499	13,818	14,225	13,142
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	14,668
April	12,503	13,821	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	14,063
1990-91 —							
July	13,185	12,263	2,442	1,964	15,627	14,227	13,296
August	10,398	10,048	1,657	1,558	12,055	11,606	12,627
September	11,214	10,877	1,487	1,706	12,701	12,583	12,128
October	10,945	10,629	2,365	1,981	13,310	12,610	11,695
November	9,060	8,705	1,483	1,631	10,543	10,336	11,389
1989-90 —							
July — November	60,122	58,165	13,106	12,806	73,228	70,971	69,491
1990-91 —							
July — November	54,802	52,522	9,434	8,840	64,236	61,362	61,135

(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. Series at the State level have been revised following annual reanalysis of the seasonally adjusted series. The annual reanalysis of these series at the Melbourne Statistical Division level is expected to be published in the January 1991 issue.

TABLE 4. MAKES OF NEW MOTOR CARS AND STATION WAGONS REGISTERED, VICTORIA, NOVEMBER 1990

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	19	726	113	1,137	132	-	2,127	23.5	1,505
Holden	183	103	389	944	64	-	1,683	18.6	1,332
Mitsubishi	5	94	550	31	46	-	726	8.0	497
Nissan	8	609	324	156	137	-	1,234	13.6	986
Toyota	11	578	968	135	255	-	1,947	21.5	1,576
Other makes	322	512	390	89	30	-	1,343	14.8	1,139
Total	548	2,622	2,734	2,492	664	-	9,060	100.0	7,035

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

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	-	-	99	38	28	-	165	35.1	91
Holden	-	2	76	33	6	-	117	24.9	61
Nissan	-	-	15	8	5	-	28	6.0	13
Subaru	4	44	-	-	-	-	48	10.2	13
Toyota	-	-	18	18	15	-	51	10.9	25
Other makes	11	4	22	10	14	-	61	13.0	37
Total	15	50	230	107	68	-	470	100.0	260

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

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	-	-	3	45	-	-	48	87.3	38
Mazda	-	-	-	2	-	-	2	3.6	2
Toyota	-	-	-	1	-	-	1	1.8	1
Other makes	1	-	3	-	-	-	4	7.3	2
Total	1	-	6	48	-	-	55	100.0	43

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

Make	Gross vehicle mass (tonnes) (a)							Not stated	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	20	4	3	-	-	2	1	99	129	15.2	93
Holden	15	1	-	-	-	-	-	28	44	5.2	28
Isuzu	2	12	2	9	-	6	-	15	46	5.4	35
Mazda	9	4	1	-	-	-	-	49	63	7.4	46
Mitsubishi	15	13	3	11	-	9	1	119	171	20.1	144
Nissan	7	10	-	1	-	2	-	51	71	8.3	40
Toyota	31	38	-	-	-	-	1	178	248	29.1	165
Other makes	5	3	-	3	1	8	8	51	79	9.3	49
Total	104	85	9	24	1	27	11	590	85	100.0	600

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

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

Make	Gross combination mass (tonnes) (a)							Not stated	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	-	5	1	7	17.9	5
International	-	-	-	-	-	-	1	-	1	2.6	-
Kenworth	-	-	-	-	-	-	6	-	6	15.4	1
Mack	-	-	-	-	-	-	6	-	6	15.4	3
Mercedes-Benz	-	-	-	-	-	-	1	2	3	7.7	3
Volvo	-	-	-	-	-	-	4	1	5	12.8	4
Other makes	-	-	-	-	1	3	5	2	11	28.2	8
Total	-	-	-	-	2	3	28	6	39	100.0	24

(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,
NOVEMBER 1990

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	4	12.5	-	-	-	-
Mazda	-	-	-	-	1	3	4	11.1
Nissan	-	-	-	-	4	-	4	11.1
Toyota	12	1	13	40.6	13	3	16	44.4
Other makes	14	1	15	46.9	7	5	12	33.3
Total	28	4	32	100.0	25	11	36	100.0

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

Make	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	2	47	31	2	19	7	-	108	26.1	72
Kawasaki	-	5	63	2	13	11	-	94	22.7	53
Suzuki	-	2	43	5	22	8	-	80	19.3	49
Yamaha	3	6	66	7	4	7	-	93	22.5	36
Other makes	-	1	3	2	2	31	-	39	9.4	25
Total	5	61	206	18	60	64	-	414	100.0	235

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

Fuel and cylinders	Motor cars and station wagons	Trucks				Other truck types	Buses	Total	Per cent
		Utilities	Panel vans	Rigid	Articulated				
Fuel —									
Petrol	8,852	433	54	550	-	20	20	9,929	94.2
Diesel	184	36	1	301	39	12	16	589	5.6
Gas	15	1	-	-	-	-	-	16	0.2
Other (incl. dual fuel)	9	-	-	-	-	-	-	9	0.1
Total	9,060	470	55	851	39	32	36	10,543	100.0
Cylinders —									
Four	5,597	210	7	642	-	14	23	6,498	61.6
Six	3,192	215	47	185	22	9	13	3,683	34.9
Eight	173	34	-	6	17	1	-	233	2.2
Other	95	10	1	17	-	-	-	123	1.2
Not stated	3	1	-	1	-	1	-	6	0.1
Total	9,060	470	55	851	39	32	36	10,543	100.0

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

Type	M S D.	Rest of Victoria	Total
Tractors	24	110	134
Mobile plant, equipment, etc.	30	28	58
Caravans	51	33	84
Trailers	398	321	719
Total	503	492	995

Introduction

This publication contains detailed information regarding registrations of new motor vehicles. It 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.

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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

