

CATALOGUE NUMBER 9303.2
27 MAY 1992

MOTOR VEHICLE REGISTRATIONS VICTORIA, APRIL 1992

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.

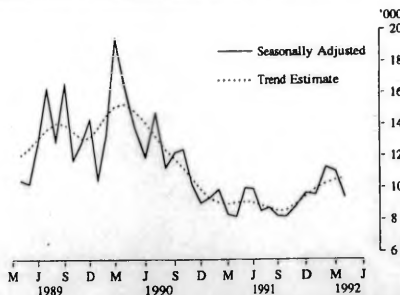
The following table indicates the proportion of total new motor vehicle registrations reported each month by the Roads Corporation that relate to the reference month; in April 1992 the proportion of "current" records was 94 per cent, with 6 per cent relating to earlier periods.

Publication month (1991/1992)	Earlier months	Reference month						Total
		November	December	January	February	March	April	
		(per cent)						
November 1991	14	86	-	-	-	-	-	100
December 1991	5	11	84	-	-	-	-	100
January 1992	-	1	15	84	-	-	-	100
February 1992	-	-	1	14	85	-	-	100
March 1992	1	-	-	-	3	96	-	100
April 1992	-	-	-	-	-	6	94	100

MAIN FEATURES

A total of 8,889 new motor vehicles were reported as registered during April 1992. In seasonally adjusted terms this represents a decrease of 15 per cent when compared with the previous month and an increase of 15 per cent when compared with April 1991. The trend estimate has increased continuously since October 1991. However readers are reminded that trend estimates are subject to revision as subsequent months data become available.

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.

for further information about statistics in this publication and the availability of related unpublished statistics, contact Bill McNaughtan or Leon Kinnerly on Melbourne (03) 615 7000; or any ABS State office.

INQUIRIES

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	Utilities	Panel vans	Trucks		Other truck types	Buses	Total	Motor cycles
				Rigid	Artic- ulated				
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
1991	2,226.5	226.5	122.7	87.0	14.6	11.3	14.4	2,702.9	72.2

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				
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	169,424	4,786
1990-91 (a)	108,453	7,002	2,285	6,907	554	268	566	126,043	4,529
1990-91 —									
February	7,661	704	312	206	23	11	45	8,962	459
March	6,663	498	241	118	20	12	29	7,581	345
April	6,962	782	318	118	23	15	48	8,266	422
May	9,442	784	401	181	28	14	51	10,901	333
June	8,653	671	234	161	49	10	67	9,845	250
1991-92 —									
July	8,243	752	257	155	35	16	64	9,522	229
August	7,791	559	222	181	24	9	41	8,827	191
September	7,866	557	246	163	24	7	57	8,920	211
October	7,836	469	217	151	25	15	27	8,740	246
November	7,900	570	224	111	23	25	40	8,893	292
December (a)	8,923	538	213	147	35	35	36	9,927	504
January	6,585	575	268	132	19	7	41	7,627	383
February	8,994	710	289	175	40	3	41	10,252	456
March	9,614	833	295	156	33	22	91	11,044	331
April	7,665	674	273	152	50	14	61	8,889	374
1990-91 —									
July — April	90,358	5,547	1,650	6,565	477	244	448	105,297	3,946
1991-92 —									
July — April	81,417	6,237	2,504	1,523	308	153	499	92,641	3,217

(a) Data compiled via the new processing system since December 1990, see Explanatory Notes, paragraphs 1, 4 and 5.

ORIGINAL SERIES, VICTORIA

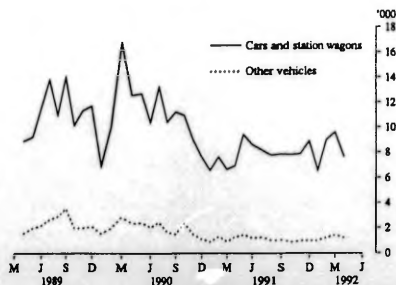


TABLE 3. NEW MOTOR VEHICLES REGISTERED VICTORIA, ORIGINAL AND SEASONALLY ADJUSTED

Period	Motor cars and station wagons		Other vehicles(a)		Total(a) (b)		
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	Trend estimate(c)
MELBOURNE STATISTICAL DIVISION							
1990-91 —							
February	5,998	6,694	832	897	6,830	7,591	6,870
March	5,286	5,439	582	622	5,868	6,061	6,759
April	5,371	5,476	726	707	6,097	6,183	6,795
May	7,305	6,660	867	745	8,172	7,405	6,846
June	6,712	6,786	708	700	7,420	7,486	6,833
1991-92 —							
July	6,446	5,912	773	608	7,219	6,520	6,773
August	6,159	6,148	645	637	6,804	6,784	6,680
September	6,126	5,749	631	647	6,757	6,396	6,621
October	6,145	5,862	568	531	6,713	6,393	6,709
November	6,286	6,136	645	678	6,931	6,814	6,994
December (d)	7,119	6,940	634	684	7,753	7,624	7,371
January	5,260	6,496	667	922	5,927	7,418	7,691
February	7,158	7,984	768	829	7,926	8,813	7,907
March	7,526	7,351	871	832	8,397	8,183	8,028
April	6,002	6,399	748	781	6,750	7,181	8,060
1990-91 —							
July — April	70,414	71,133	9,579	9,624	79,993	80,756	80,525
1991-92 —							
July — April	64,227	64,977	6,950	7,149	71,177	72,125	72,834
TOTAL VICTORIA							
1990-91 —							
February	7,661	8,482	1,301	1,420	8,962	9,902	9,071
March	6,663	7,378	918	983	7,581	8,361	8,996
April	6,962	6,999	1,304	1,198	8,266	8,198	9,088
May	9,442	8,731	1,459	1,261	10,901	9,991	9,155
June	8,653	8,771	1,192	1,176	9,845	9,946	9,081
1991-92 —							
July	8,243	7,574	1,279	990	9,522	8,563	8,914
August	7,791	7,767	1,036	1,006	8,827	8,773	8,703
September	7,866	7,150	1,054	1,069	8,920	8,219	8,546
October	7,836	7,356	904	858	8,740	8,213	8,611
November	7,900	7,763	993	1,089	8,893	8,852	8,970
December (d)	8,923	8,544	1,004	1,139	9,927	9,683	9,490
January	6,585	8,169	1,042	1,405	7,627	9,574	9,957
February	8,994	9,947	1,258	1,375	10,252	11,321	10,300
March	9,614	9,694	1,430	1,355	11,044	11,049	10,521
April	7,665	8,188	1,224	1,222	8,889	9,410	10,620
1990-91 —							
July — April	90,358	90,764	14,939	14,985	105,297	105,750	105,707
1991-92 —							
July — April	81,417	82,152	11,224	11,506	92,641	93,657	94,631

(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. (d) Data compiled via the new processing system since December 1990, see Explanatory Notes, paragraphs 1, 4 and 5.

TABLE 4. MAKES OF NEW MOTOR CARS AND STATION WAGONS REGISTERED, VICTORIA, APRIL 1992

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	65	489	118	952	233	12	1,869	24.4	1,341
Holden	133	88	503	658	19	16	1,417	18.5	1,111
Honda	22	139	118	14	7	2	302	3.9	272
Hyundai	4	128	5	-	-	2	139	1.8	97
Mazda	60	89	183	7	8	7	354	4.6	311
Mitsubishi	1	94	241	375	157	4	872	11.4	712
Nissan	1	185	241	39	117	3	586	7.6	464
Subaru	4	29	126	28	7	-	194	2.5	143
Toyota	28	393	499	67	224	8	1,219	15.9	953
Other makes	216	139	246	50	57	5	713	9.3	598
Total	534	1,773	2,280	2,190	829	59	7,665	100.0	6,002

TABLE 5. MAKES OF NEW UTILITIES REGISTERED, VICTORIA, APRIL 1992

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	-	-	37	28	20	-	85	12.6	38
Holden	-	5	76	49	34	-	164	24.3	87
Mazda	-	1	19	6	12	-	38	5.6	16
Mitsubishi	-	2	27	37	33	1	100	14.8	56
Nissan	1	-	30	12	19	-	62	9.2	40
Subaru	4	36	-	-	-	-	40	5.9	-
Toyota	-	2	68	53	53	-	176	26.1	80
Other makes	3	2	-	2	2	-	9	1.3	3
Total	8	48	257	187	173	1	674	100.0	320

TABLE 6. MAKES OF NEW PANEL VANS REGISTERED, VICTORIA, APRIL 1992

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	-	-	4	64	-	-	68	24.9	60
Mazda	-	-	2	25	1	1	29	10.6	25
Mitsubishi	-	-	66	2	-	-	68	24.9	62
Nissan	-	-	8	5	3	-	16	5.9	14
Toyota	-	4	17	64	2	-	87	31.9	82
Other makes	-	4	-	1	-	-	5	1.8	4
Total	-	8	97	161	6	1	273	100.0	247

TABLE 7. MAKES OF NEW RIGID TRUCKS REGISTERED, VICTORIA,
APRIL 1992

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	2	5	4	-	-	-	-	-	11	7.2	8
Hino	-	-	2	2	2	6	-	-	12	7.9	7
International	-	-	-	1	1	-	1	2	5	3.3	3
Isuzu	-	12	10	6	1	7	3	8	47	30.9	35
Mazda	1	7	2	-	1	1	-	-	12	7.9	11
Mitsubishi	-	10	9	2	5	6	1	-	33	21.7	20
Nissan	2	1	2	1	-	-	1	1	8	5.3	4
Toyota	2	4	2	-	-	-	-	-	8	5.3	7
Other makes	2	-	-	6	1	1	6	-	16	10.5	13
Total	9	39	31	18	11	21	12	11	152	100.0	108

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

TABLE 8. MAKES OF NEW ARTICULATED TRUCKS REGISTERED, VICTORIA,
APRIL 1992

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	4	2	-	-	-	-	3	-	9	18.0	2
International	2	-	-	-	-	-	1	-	3	6.0	1
Kenworth	-	8	-	-	-	-	-	-	8	16.0	3
Mack	-	-	-	1	-	-	-	1	2	4.0	-
Mercedes-Benz	3	-	-	-	-	-	1	-	4	8.0	4
Scania	-	-	2	-	-	-	1	-	3	6.0	1
Volvo	3	-	-	1	-	-	2	-	6	12.0	4
Other makes	2	10	-	2	-	-	1	-	15	30.0	9
Total	14	20	2	4	-	-	9	1	50	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,
APRIL 1992

Make	Other truck types				Buses			
	M.S.D.	Rest of Victoria	Total	Per cent	M.S.D.	Rest of Victoria	Total	Per cent
Ford	7	2	9	64.3	-	-	-	-
Hino	1	-	1	7.1	-	2	2	3.3
Isuzu	1	-	1	7.1	-	-	-	-
Mazda	-	-	-	-	4	1	5	8.2
Mercedes-Benz	-	-	-	-	3	5	8	13.1
Nissan	-	-	-	-	-	1	1	1.6
Toyota	1	-	1	7.1	29	11	40	65.6
Volvo	-	-	-	-	-	-	-	-
Other makes	1	1	2	14.3	2	3	5	8.2
Total	11	3	14	100.0	38	23	61	100.0

TABLE 10. NEW MOTOR CYCLES REGISTERED, VICTORIA, APRIL 1992

Make	Cubic capacity of engine (cc)							Total	Per cent	M.S.D.
	Up to 50	51 to 150	151 to 250	251 to 500	501 to 750	Over 750	Not stated			
Harley Davidson	1	-	-	-	-	31	-	32	8.6	18
Honda	2	43	24	-	26	12	3	110	29.4	71
Kawasaki	-	-	34	4	11	5	-	54	14.4	26
Suzuki	1	2	41	6	12	6	1	69	18.4	28
Yamaha	1	5	50	19	6	2	3	86	23.0	32
Other makes	-	1	5	6	2	9	-	23	6.1	7
Total	5	51	154	35	57	65	7	374	100.0	182

TABLE 11. NEW MOTOR VEHICLES REGISTERED BY NUMBER OF CYLINDERS, VICTORIA, APRIL 1992

Number of cylinders	Motor cars and station wagons	Utilities	Panel vans	Trucks		Other truck types	Buses	Total	Per cent
				Rigid	Articulated				
Four	4,031	468	215	65	2	2	26	4,809	54.1
Six	2,665	141	44	72	39	3	30	2,994	33.7
Eight	221	15	-	1	4	9	2	252	2.8
Other	92	-	-	-	-	-	-	92	1.0
Not stated	656	50	14	14	5	-	3	742	8.3
Total	7,665	674	273	152	50	14	61	8,889	100.0

TABLE 12. NEW PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED, APRIL 1992

Type	M.S.D.	Rest of Victoria	Total
Mobile plant, equipment, etc.	32	32	64
Caravans	66	61	127
Trailers	395	343	738
Total	493	436	929

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 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.

PC-AUSSTATS Thousands of up-to-date time series are available on this ABS on-line service. For further information phone Damian Sparkes on (03) 615 7769.

TELESTATS This service provides foreign trade statistics tailored to users' requirements. Further information is available on (06) 252 5404.

GEOSTATS Small Area data is available for Population Censuses and all economic censuses. Phone (03) 615 7769 and ask for Damian Sparkes.

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

