

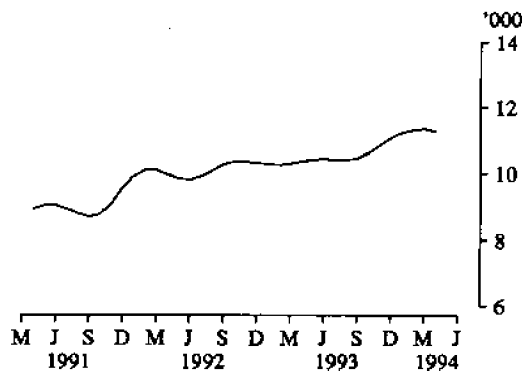
CATALOGUE NUMBER 9303.2
2 JUNE 1994

**MOTOR VEHICLE REGISTRATIONS, VICTORIA,
APRIL 1994**

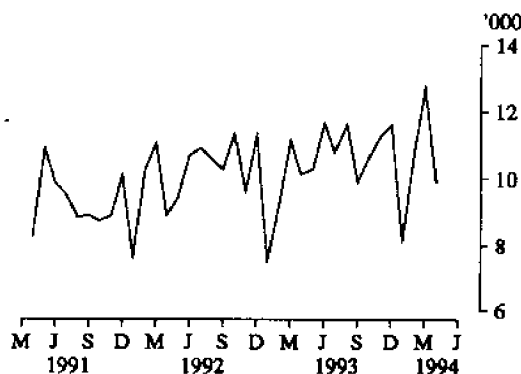
MAIN FEATURES

- Trend estimates of the number of new motor vehicles registered during April 1994 (11,278) showed a 0.7 per cent decrease over the figure for March 1994 (11,358). This is the first monthly decrease since August 1993.
- In original terms the number of new motor vehicles registered during April 1994 (9,890) was 22 per cent lower than the previous month (12,713) and 2.3 per cent lower than April 1993 (10,120).
- For the 10 months ended April 1994 there were 92,532 new passenger vehicles registered, which was 5.3 per cent higher than the 87,845 registered during the 10 months ended April 1993.

**NEW MOTOR VEHICLE REGISTRATIONS
TREND ESTIMATES**



**NEW MOTOR VEHICLE REGISTRATIONS
ORIGINAL**



INQUIRIES

For further information about statistics in this publication and the availability of related unpublished statistics, contact Denis Ward or Leon Kinnersly on Melbourne (03) 615 7000; or any ABS State office

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

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

<i>As at 30 June</i>	<i>Passenger vehicles</i>	<i>Light commercial vehicles</i>	<i>Trucks</i>			<i>Buses</i>	<i>Total</i>	<i>Motor cycles</i>
			<i>Rigid</i>	<i>Artic- ulated</i>	<i>Non- freight carrying</i>			
1988	2,064.7	196.9	201.7	13.8	13.7	14.3	2,505.1	70.1
1989	2,076.2	195.7	206.5	13.1	11.7	13.9	2,517.1	68.1
1990	2,137.8	194.8	210.7	14.2	13.0	13.8	2,584.3	67.9
1991	2,226.5	349.2	87.0	14.6	11.3	14.4	2,702.9	72.2
1992	2,178.1	322.5	73.0	14.3	11.4	15.6	2,614.9	69.9
1993	2,206.6	324.9	74.2	14.6	11.7	15.9	2,648.0	70.4

(a) See Explanatory notes, paragraphs 3 to 9.

TABLE 2. NEW MOTOR VEHICLES REGISTERED(a), VICTORIA

<i>Period</i>	<i>Passenger vehicles</i>	<i>Light commercial vehicles</i>	<i>Trucks</i>			<i>Buses</i>	<i>Total</i>	<i>Motor cycles</i>
			<i>Rigid</i>	<i>Artic- ulated</i>	<i>Non- freight carrying</i>			
1990-91 (b)	108,444	9,300	6,885	551	268	566	126,014	4,502
1991-92	98,766	11,080	1,832	406	184	649	112,917	3,878
1992-93	106,213	14,136	2,009	571	166	795	123,890	4,528
1992-93 —								
February	8,019	1,003	120	43	2	47	9,234	379
March	9,647	1,221	166	33	17	49	11,133	403
April	8,708	1,093	169	62	15	73	10,120	382
May	8,741	1,229	177	52	13	74	10,286	339
June	9,627	1,643	181	83	8	118	11,660	332
1993-94 —								
July	9,361	1,120	160	70	11	62	10,784	316
August	10,192	1,117	179	70	18	46	11,622	325
September	8,440	1,164	172	68	10	40	9,894	347
October	9,222	1,099	172	78	10	48	10,629	356
November	9,660	1,286	168	82	7	45	11,248	404
December	10,005	1,264	196	86	14	43	11,608	411
January	7,148	806	109	49	6	55	8,173	411
February	9,289	1,137	156	70	3	45	10,700	423
March	10,863	1,485	204	78	10	73	12,713	391
April	8,352	1,107	301	71	14	45	9,890	340
1992-93 —								
July — April	87,845	11,264	1,651	436	145	603	101,944	3,857
1993-94 —								
July — April	92,532	11,585	1,817	722	103	502	107,261	3,724

(a) See Explanatory notes, paragraphs 3 to 9. (b) Data compiled via the new processing system since December 1990, see Explanatory notes, paragraphs 1, 10 and 11.

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

Period	Passenger vehicles		Other vehicles(b)		Total(b) (c)		Trend estimate(d)
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	
MELBOURNE STATISTICAL DIVISION							
1992-93 —							
February	6,306	6,754	758	835	7,064	7,589	7,790
March	7,461	6,713	864	784	8,325	7,498	7,829
April	6,911	7,432	845	861	7,756	8,294	7,894
May	6,851	7,192	904	826	7,755	8,017	7,962
June	7,555	6,918	1,117	1,029	8,672	7,947	7,992
1993-94 —							
July	7,366	7,103	826	736	8,192	7,839	7,989
August	8,111	7,752	831	815	8,942	8,567	7,976
September	6,786	6,405	909	868	7,695	7,273	7,998
October	7,364	7,285	855	877	8,219	8,162	8,109
November	7,672	7,540	934	942	8,606	8,482	8,283
December	7,885	7,143	981	994	8,866	8,137	8,450
January	5,628	8,067	601	856	6,229	8,923	8,574
February	7,334	7,840	835	920	8,169	8,760	8,636
March	8,594	7,797	1,170	1,069	9,764	8,866	8,652
April	6,428	6,973	992	1,057	7,420	8,030	8,573
1992-93 —							
July — April	69,167	69,367	8,629	8,805	77,796	78,172	78,013
1993-94 —							
July — April	73,168	73,904	8,934	9,134	82,102	83,039	83,242
TOTAL VICTORIA							
1992-93 —							
February	8,019	8,586	1,215	1,319	9,234	9,905	10,259
March	9,647	8,703	1,486	1,328	11,133	10,031	10,297
April	8,708	9,328	1,412	1,420	10,120	10,749	10,367
May	8,741	8,981	1,545	1,429	10,286	10,410	10,429
June	9,627	8,793	2,033	1,791	11,660	10,584	10,440
1993-94 —							
July	9,361	8,958	1,423	1,272	10,784	10,230	10,428
August	10,192	9,688	1,430	1,397	11,622	11,085	10,418
September	8,440	8,017	1,454	1,420	9,894	9,436	10,467
October	9,222	9,240	1,407	1,457	10,629	10,698	10,626
November	9,660	9,585	1,588	1,657	11,248	11,242	10,855
December	10,005	9,202	1,603	1,647	11,608	10,849	11,076
January	7,148	10,026	1,025	1,453	8,173	11,479	11,237
February	9,289	9,919	1,411	1,530	10,700	11,449	11,321
March	10,863	9,787	1,850	1,690	12,713	11,477	11,358
April	8,352	9,236	1,538	1,601	9,890	10,837	11,278
1992-93 —							
July — April	87,845	88,312	14,099	14,427	101,944	102,739	102,566
1993-94 —							
July — April	92,532	93,658	14,729	15,123	107,261	108,780	109,064

(a) See Explanatory notes, paragraphs 3 to 9. (b) Excludes motor cycles, tractors, plant and equipment, caravans and trailers. (c) See paragraph 2 of the Explanatory notes. (d) Trend estimate (smoothed seasonally adjusted) series are revised as additional observations become available. See paragraph 11 of the Explanatory notes.

**TABLE 4. MAKES OF NEW PASSENGER VEHICLES REGISTERED(a), VICTORIA,
APRIL 1994**

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	110	307	65	1,442	235	-	2,159	25.9	1,468
Holden	122	88	587	801	60	-	1,658	19.9	1,300
Honda	2	169	177	23	4	-	375	4.5	325
Hyundai	8	275	45	4	-	-	332	4.0	231
Mazda	80	87	129	3	14	-	313	3.7	271
Mitsubishi	62	89	124	660	83	-	1,018	12.2	790
Nissan	-	88	80	50	77	-	295	3.5	235
Toyota	11	249	405	239	307	-	1,211	14.5	968
Other makes	153	135	387	219	97	-	991	11.9	840
Total	548	1,487	1,999	3,441	877	-	8,352	100.0	6,428

(a) See Explanatory notes, paragraphs 3 to 9.

**TABLE 5. MAKES OF NEW LIGHT COMMERCIAL VEHICLES REGISTERED(a),
VICTORIA, APRIL 1994**

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	8	72	96	17	-	197	17.8	94
Holden	-	1	69	73	44	-	187	16.9	106
Mazda	-	-	25	74	24	-	123	11.1	87
Mitsubishi	-	-	73	15	15	-	103	9.3	74
Nissan	-	1	12	28	30	-	71	6.4	38
Toyota	-	14	119	168	96	-	397	35.9	264
Other makes	7	13	-	3	6	-	29	2.6	21
Total	11	37	370	457	232	-	1,107	100.0	684

(a) See Explanatory notes, paragraphs 3 to 9.

**TABLE 6. MAKES OF NEW RIGID TRUCKS REGISTERED(a), VICTORIA,
APRIL 1994**

Make	Gross vehicle mass (tonnes) (b)							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	-	161	3	1	-	-	-	165	54.8	118
Hino	-	-	-	1	2	3	-	6	2.0	6
International	-	-	-	-	1	1	9	13	4.3	9
Isuzu	-	2	8	12	18	4	1	47	15.6	39
Mazda	-	-	7	8	-	-	-	15	5.0	14
Mitsubishi	-	-	8	6	7	1	-	23	7.6	15
Nissan	-	-	1	1	-	2	1	7	2.3	4
Toyota	-	2	9	-	-	-	-	11	3.7	9
Other makes	6	-	-	3	-	3	2	14	4.7	14
Total	6	165	36	32	28	14	13	301	100.0	228

(a) See Explanatory notes, paragraphs 3 to 9. (b) Gross vehicle mass is the maximum permissible weight of the loaded vehicle.

TABLE 7. MAKES OF NEW ARTICULATED TRUCKS REGISTERED(a), VICTORIA, APRIL 1994

Make	Gross combination mass (tonnes) (b)							Not stated	Total	Per cent	M.S.D.
	Up to 16 000	16 001 to 20 000	20 001 to 24 000	24 001 to 30 000	30 001 to 34 000	34 001 to 40 000	Over 40 000				
Ford	4	3	-	2	-	-	1	1	11	15.5	6
International	6	6	-	1	-	2	5	2	22	31.0	7
Kenworth	-	4	5	-	-	2	5	1	17	23.9	7
Mack	-	2	-	-	-	-	1	-	3	4.2	1
Mercedes-Benz	-	1	-	-	-	-	2	-	3	4.2	2
Scania	-	-	-	-	-	3	3	-	6	8.5	5
Volvo	-	-	-	-	-	-	2	-	2	2.8	2
Western Star	-	2	-	-	-	-	1	1	4	5.6	2
Other makes	-	-	1	-	-	1	1	-	3	4.2	1
Total	10	18	6	3	-	8	21	5	71	100.0	33

(a) See Explanatory notes, paragraphs 3 to 9. (b) Gross combination mass is the maximum permissible weight of the prime mover plus attached loaded trailer.

TABLE 8. MAKES OF NEW NON-FREIGHT CARRYING TRUCKS AND BUSES REGISTERED(a), VICTORIA, APRIL 1994

Make	Non-freight carrying trucks				Buses			
	M.S.D.	Rest of Victoria	Total	Per cent	M.S.D.	Rest of Victoria	Total	Per cent
Ford	6	-	6	42.9	-	-	-	-
Hino	-	-	-	-	1	-	1	2.2
Isuzu	2	-	2	14.3	-	-	-	-
Mazda	-	-	-	-	5	-	5	11.1
Mercedes-Benz	-	-	-	-	4	5	9	20.0
Mitsubishi	-	2	2	14.3	-	-	-	-
Nissan	1	-	1	7.1	-	-	-	-
Scania	-	-	-	-	2	1	3	6.7
Toyota	1	-	1	7.1	20	2	22	48.9
Other makes	1	1	2	14.3	4	1	5	11.1
Total	11	3	14	100.0	36	9	45	100.0

(a) See Explanatory notes, paragraphs 3 to 9.

TABLE 9. NEW MOTOR CYCLES REGISTERED, VICTORIA, APRIL 1994

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	-	-	-	40	-	41	12.1	24
Honda	3	6	28	1	24	21	-	83	24.4	45
Kawasaki	-	-	45	-	13	7	1	66	19.4	33
Suzuki	-	-	16	8	3	10	-	37	10.9	17
Yamaha	-	5	55	1	7	5	-	73	21.5	29
Other makes	-	2	3	5	5	25	-	40	11.8	30
Total	3	14	147	15	52	108	1	340	100.0	178

TABLE 10. NEW MOTOR VEHICLES REGISTERED(a), BY NUMBER OF CYLINDERS, VICTORIA, APRIL 1994

Number of cylinders	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total	Per cent
			Rigid	Articulated	Non-freight carrying			
Four	3,993	903	66	5	2	17	4,986	50.4
Six	3,965	176	232	66	7	25	4,471	45.2
Eight	239	11	1	-	5	3	259	2.6
Other	84	6	1	-	-	-	91	0.9
Not stated	71	11	1	-	-	-	83	0.8
Total	8,352	1,107	301	71	14	45	9,890	100.0

(a) See Explanatory notes, paragraphs 3 to 9.

TABLE 11. NEW PLANT AND EQUIPMENT, CARAVANS, AND TRAILERS REGISTERED, APRIL 1994

Type	M.S.D.	Rest of Victoria	Total
Mobile plant, equipment, etc.	48	19	67
Caravans	63	76	139
Trailers	474	477	951
Total	585	572	1,157

TABLE 12. PROPORTION OF NEW MOTOR VEHICLES REPORTED FOR REGISTRATION RELATING TO THE REFERENCE MONTH

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 1994 the proportion of "current" records was 94 per cent, with 6 per cent relating to earlier periods.

Publication month	Earlier months	Reference month						Total
		November	December	January	February	March	April	
November 1993	1	99	-	-	-	-	-	100
December 1993	-	2	98	-	-	-	-	100
January 1994	-	-	-	99	-	-	-	100
February 1994	-	-	-	-	100	-	-	100
March 1994	-	-	-	-	-	100	-	100
April 1994	-	-	-	-	-	6	94	100

EXPLANATORY NOTES

Introduction

This publication contains detailed information regarding registrations of new motor vehicles and includes particulars of passenger vehicles and light commercial vehicles classified by make and tare, and rigid and articulated trucks by make and gross vehicle mass/gross combination mass. Details of registrations of non-freight carrying trucks, buses, motor cycles, 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. During April 1994 the proportion of registrations processed by the Victorian Roads Corporation that relate to the reference month was 94 per cent, with the remaining 6 per cent relating to earlier periods.

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. The decoding of the Vehicle Identification Number (VIN) has resulted in better identification of each vehicle's bodycode and consequently classification of vehicles to particular categories. Vehicles such as minibuses which, in the old system, had been classified to cars and station wagons in some States but to buses in other States, are now consistently classified. Similarly, in the old system utilities and cab-chasses, which were sometimes classified to small trucks, are now consistently classified to utilities. In addition, duplicate records, out of scope vehicles and those vehicles not registered for the first time can now be more accurately identified and therefore excluded from the statistics.

Vehicle Type Definitions

4. *Passenger Vehicles.* Vehicles constructed primarily for the carriage of less than 10 passengers (including the driver). Included are cars, station wagons, 4WD passenger vehicles and forward control passenger vehicles.

5. *Light Commercial Vehicles.* Vehicles constructed primarily for the carriage of goods and do not exceed 3.5 tonnes gross vehicle mass (GVM). Included are utilities, panel vans, cab-chassis and forward control vehicles (whether 4WD or not).

6. *Rigid Trucks.* Vehicles constructed primarily for load carrying with gross vehicle mass (GVM) exceeding 3.5 tonnes. Included are normal rigid trucks with a tow bar, draw bar or other non-articulated coupling on the rear for use with a trailer or dolly.

7. *Articulated Trucks.* Vehicles constructed primarily for load carrying consisting of a prime mover having no significant load carrying area but with a turn table device which can be linked to a trailer. The gross combination mass (GCM) will exceed 3.5 tonnes with or without a trailer.

8. *Non-freight Carrying Trucks.* Includes specialist vehicles such as ambulances or mobile cranes or vehicles fitted with special purpose equipment and having no goods carrying capacity.

9. *Omnibuses.* Includes all passenger vehicles having more than nine seats, including the driver.

Seasonal adjustment

10. Original and seasonally adjusted registrations of new motor vehicles are shown in Table 3. The two component series 'Passenger vehicles' 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.

11. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate. Trend estimates of motor vehicle registration statistics are shown in Table 3. The trend estimates have 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

12. 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, 1988 and 1991. 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

13. 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

14. 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) (\$10.70)

Motor Vehicle Registrations, Australia (9303.0) (monthly) (\$10.70)

Motor Vehicle Registrations, Australia (9304.0) (annual) (\$15.00)

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

15. **DISCOVERY** The ABS intends discontinuing its statistical information service on DISCOVERY. Please contact Peter Davidson (Phone 06 252 6684) to discuss possible alternatives for acquiring statistics or if you wish to comment on this proposal.

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

PC-TELESTATS This service delivers major economic indicator publications ready to download into your computer on the day of release. Further information is available on (06) 252 5408.

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.

STUART JACKSON

Deputy Commonwealth Statistician

