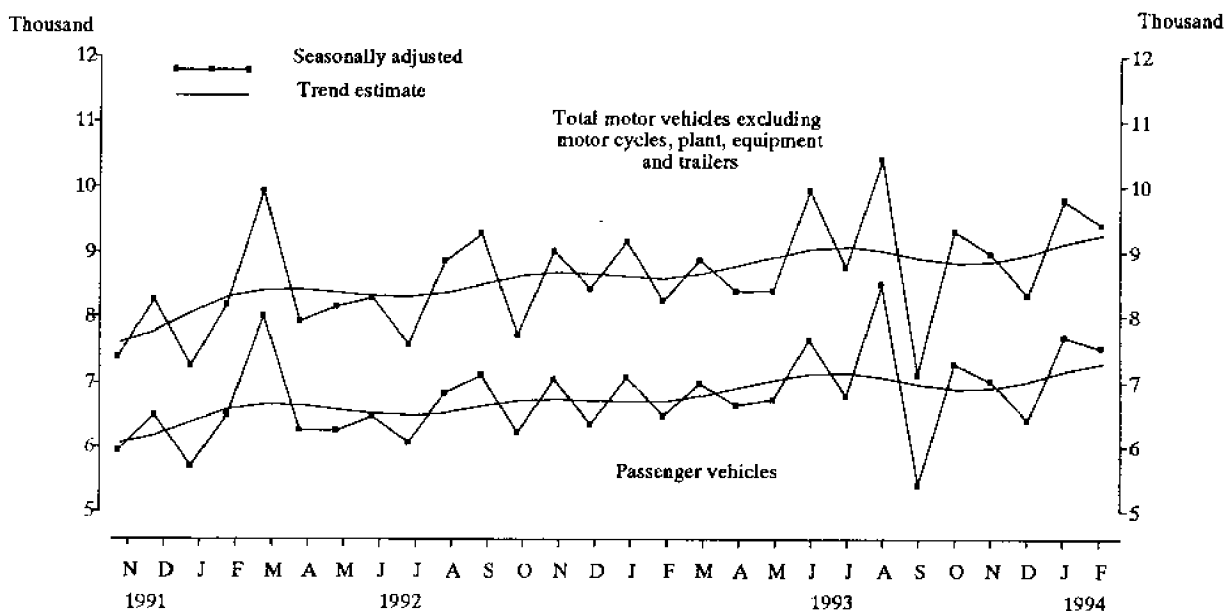


MOTOR VEHICLE REGISTRATIONS, QUEENSLAND, FEBRUARY 1994

MAIN FEATURES

- In seasonally adjusted terms, total new motor vehicle registrations (excluding motor cycles, plant, equipment and trailers) for February 1994 fell by 3.8 per cent when compared with the figure for January 1994. The unadjusted figure for registrations in February 1994 showed an increase of 14.7 per cent for the same period.
- Registrations of new passenger vehicles for the month of February 1994 showed that the Holden Commodore/Calais model (978) led the market, followed by Ford Falcon/Fairmont (912), Mitsubishi Magna (442), Toyota Camry (308) and Toyota Corolla (275).

DIAGRAM 1 - REGISTRATIONS OF NEW MOTOR VEHICLES, QUEENSLAND



NOTES

New motor vehicle registration statistics relate to the number of registrations processed by the motor vehicle registration authority in Queensland during the period. Due to delays in processing registrations and changes in the rate of processing, readers are advised to use caution in analysing the monthly original and seasonally adjusted series.

Readers are advised that the trend estimates for the most recent months are revised when data for later months become available. Explanatory Notes are located on page 7 of this publication.

313 Adelaide Street
BRISBANE Q 4000
11 April 1994

R. A. Crockett
DEPUTY COMMONWEALTH STATISTICIAN

INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Information Inquiries on Brisbane (07) 222 6351 (fax (07) 229 6042) or any ABS State office.
- for information about other ABS statistics and services, telephone, fax or write to Information Inquiries, Australian Bureau of Statistics (ABS), GPO Box 9817, Brisbane Q 4001.

TABLE 1 — REGISTRATIONS OF NEW MOTOR VEHICLES BY VEHICLE TYPE, QUEENSLAND

Period	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total vehicles (a)	Motor cycles	Plant, equipment and trailers
			Rigid	Articulated	Non-freight-carrying				
1987-88	59,355	11,029	2,085	515	260	620	73,864	3,841	14,863
1988-89	74,731	17,555	2,640	706	304	729	96,665	3,922	17,205
1989-90	79,824	18,751	2,780	838	478	660	103,331	4,066	16,706
1990-91 (b)	78,040	17,680	2,208	406	321	675	99,330	4,023	14,540
1991-92	76,493	16,481	2,187	400	115	810	96,486	3,667	15,345
1992-93	81,656	18,916	2,316	524	91	899	104,402	3,865	16,923
1992—									
December	7,376	1,722	218	34	14	69	9,433	279	1,716
1993—									
January	5,483	1,338	114	28	5	78	7,046	334	1,083
February	5,796	1,335	183	15	3	82	7,414	398	1,165
March	8,054	1,962	202	53	9	82	10,362	403	1,554
April	5,866	1,152	160	35	5	54	7,272	280	1,349
May	6,404	1,396	189	69	6	57	8,121	305	1,291
June	8,532	2,270	262	79	12	79	11,234	322	1,622
July	6,938	1,867	186	44	11	77	9,123	272	1,523
August	8,372	1,415	218	69	17	78	10,169	342	1,507
September	6,224	1,363	202	69	13	50	7,921	251	1,699
October	7,230	1,792	236	47	10	82	9,397	254	1,602
November	6,608	1,628	216	59	16	58	8,585	282	1,618
December	7,495	1,628	172	51	8	67	9,421	266	1,867
1994—									
January	r 5,779	r 1,343	162	40	3	46	r 7,373	326	1,292
February	6,712	1,469	169	38	9	59	8,456	311	1,399

(a) Excluding motor cycles, plant, equipment and trailers. (b) From January 1991, data compiled via the new processing system, see Explanatory Notes.

TABLE 2 — REGISTRATIONS OF NEW MOTOR VEHICLES: ORIGINAL, SEASONALLY ADJUSTED AND TREND ESTIMATE SERIES, QUEENSLAND

Month	Original series		Seasonally adjusted series		Trend estimate series (a)	
	Passenger vehicles	Total (b)	Passenger vehicles	Total (b)	Passenger vehicles	Total (b)
1992—						
December	7,376	9,433	6,358	8,430	6,718	8,665
1993—						
January	5,483	7,046	7,075	9,166	6,709	8,626
February	5,796	7,414	6,491	8,245	6,705	8,589
March	8,054	10,362	6,980	8,872	6,791	8,665
April	5,866	7,272	6,646	8,392	6,917	8,792
May	6,404	8,121	6,731	8,404	7,038	8,926
June	8,532	11,234	7,646	9,942	7,137	9,057
July	6,938	9,123	6,786	8,760	7,146	9,089
August	8,372	10,169	8,501	10,434	7,075	9,022
September	6,224	7,921	5,411	7,114	6,967	8,905
October	7,230	9,397	7,278	9,324	6,899	8,830
November	6,608	8,585	7,017	8,971	6,916	8,852
December	7,495	9,421	6,420	8,318	7,021	8,976
1994—						
January	r 5,779	r 7,373	r 7,687	r 9,788	7,172	9,146
February	6,712	8,456	7,520	9,417	7,280	9,266

(a) Trend estimate (smoothed seasonally adjusted) series are revised as additional observations become available. See paragraph 7 of the Explanatory Notes. (b) Excluding motor cycles, plant, equipment and trailers.

**TABLE 3 — REGISTRATIONS OF NEW PASSENGER VEHICLES BY SELECTED MAKE AND MODEL,
QUEENSLAND**

Make and model	February 1994		2 months ended February 1994		Make and model	February 1994		2 months ended February 1994	
	No.	Per cent (a)	No.	Per cent (a)		No.	Per cent (a)	No.	Per cent (a)
Ford					Mitsubishi				
Falcon/Fairmont	912	13.6	1,619	13.0	Magna	442	6.6	894	7.2
Laser	181	2.7	359	2.9	Lancer	188	2.8	342	2.7
Festiva	171	2.5	362	2.9	Pajero	167	2.5	336	2.7
Other	207	3.1	351	2.8	Other	73	1.1	159	1.3
Total	1,471	21.9	2,691	21.5	Total	870	13.0	1,731	13.9
Holden					Nissan				
Commodore/Calais	978	14.6	1,588	12.7	Pulsar	154	2.3	301	2.4
Barina	207	3.1	406	3.3	Patrol	95	1.4	186	1.5
Apollo	68	1.0	156	1.2	Bluebird	77	1.1	141	1.1
Other	62	0.9	117	0.9	Other	43	0.6	86	0.7
Total	1,315	19.6	2,267	18.1	Total	369	5.5	714	5.7
Mazda					Toyota				
323	107	1.6	175	1.4	Camry	308	4.6	575	4.6
121	99	1.5	169	1.4	Corolla	275	4.1	649	5.2
626	96	1.4	176	1.4	Landcruiser	180	2.7	391	3.1
Other	36	0.5	65	0.5	Other	320	4.8	585	4.7
Total	338	5.0	585	4.7	Total	1,083	16.1	2,200	17.6

(a) Of total registrations of passenger vehicles.

**DIAGRAM 2 - REGISTRATIONS OF NEW MOTOR VEHICLES:
TOP TEN MODELS OF PASSENGER VEHICLES, QUEENSLAND,
TWO MONTHS ENDED FEBRUARY 1994**

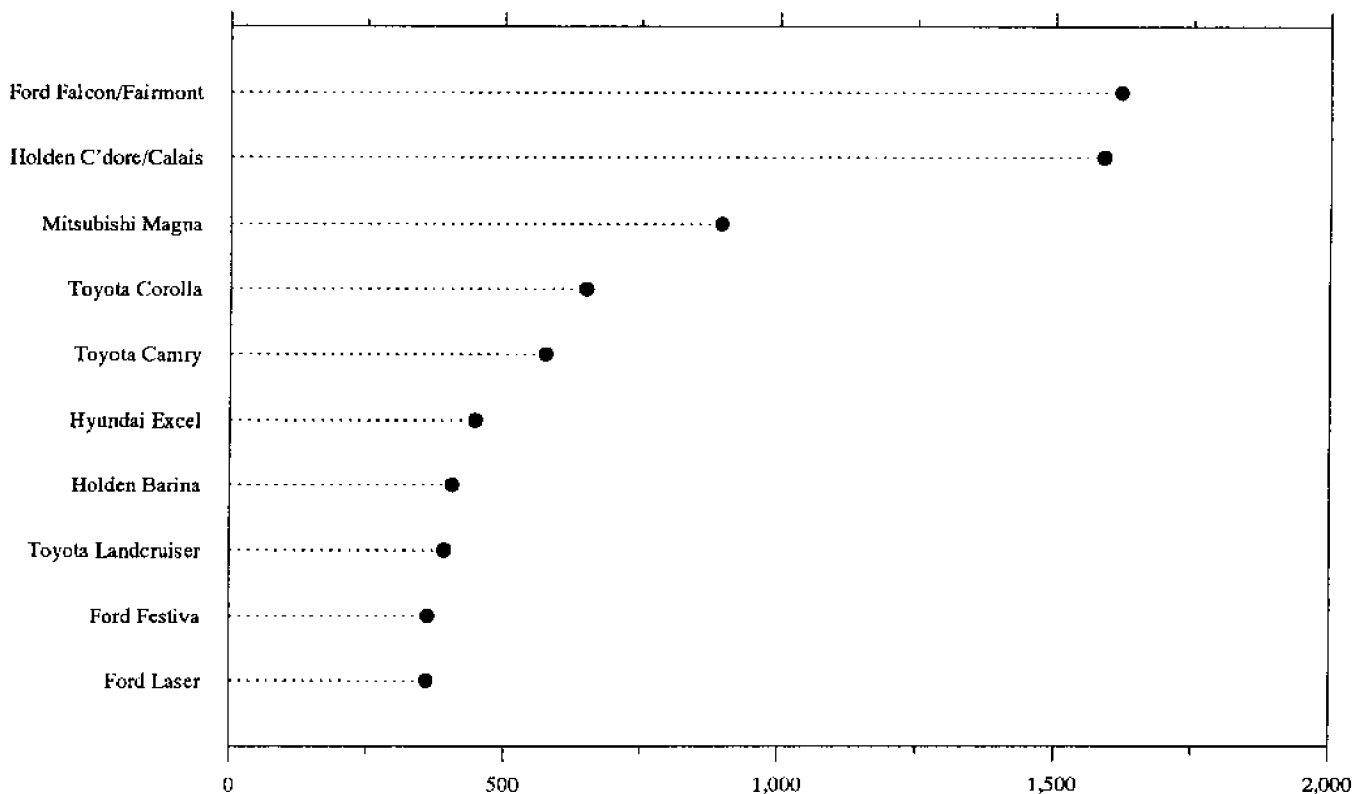


TABLE 4 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): VEHICLE TYPE BY NUMBER OF CYLINDERS, QUEENSLAND, FEBRUARY 1994

Vehicle type	Number of cylinders				Total	Per cent	Brisbane Statistical Division
	4	6	8	Other and unknown			
Passenger vehicles	3,552	2,846	174	140	6,712	76.6	3,566
Light commercial vehicles	1,027	420	14	8	1,469	16.8	558
Rigid trucks	95	72	2	—	169	1.9	98
Articulated trucks	—	36	2	—	38	0.4	13
Non-freight-carrying trucks	6	2	1	—	9	0.1	8
Buses	16	43	—	—	59	0.7	23
Motor cycles	1	—	—	310	311	3.5	117
Total	4,697	3,419	193	458	8,767	100.0	4,383

(a) Excluding plant, equipment, trailers and tractors.

TABLE 5 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): FUEL TYPE BY VEHICLE TYPE, QUEENSLAND, FEBRUARY 1994

Fuel type	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total vehicles (b)	Motor cycles
			Rigid	Articulated	Non-freight-carrying			
Petrol	6,471	934	11	—	4	4	7,424	311
Diesel	213	521	157	38	5	55	989	—
Electric	—	—	—	—	—	—	—	—
Gas	3	6	1	—	—	—	10	—
Other (including dual fuel)	25	8	—	—	—	—	33	—
Total	6,712	1,469	169	38	9	59	8,456	311

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

TABLE 6 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): AREA OF REGISTRATION BY VEHICLE TYPE, QUEENSLAND, FEBRUARY 1994

Area	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total vehicles (b)	Motor cycles
			Rigid	Articulated	Non-freight-carrying			
Brisbane Statistical Division	3,566	558	98	13	8	23	4,266	117
Rest of State	3,146	911	71	25	1	36	4,190	194
Total	6,712	1,469	169	38	9	59	8,456	311

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

TABLE 7 — REGISTRATIONS OF NEW PLANT, EQUIPMENT AND TRAILERS: AREA OF REGISTRATION BY TYPE, QUEENSLAND, FEBRUARY 1994

Area	Caravans	Plant and equipment (a)	Trailers			Total	Total
			Box	Boat	Other		
Brisbane Statistical Division	31	16	328	104	93	525	572
Rest of State	37	77	408	199	106	713	827
Total	68	93	736	303	199	1,238	1,399

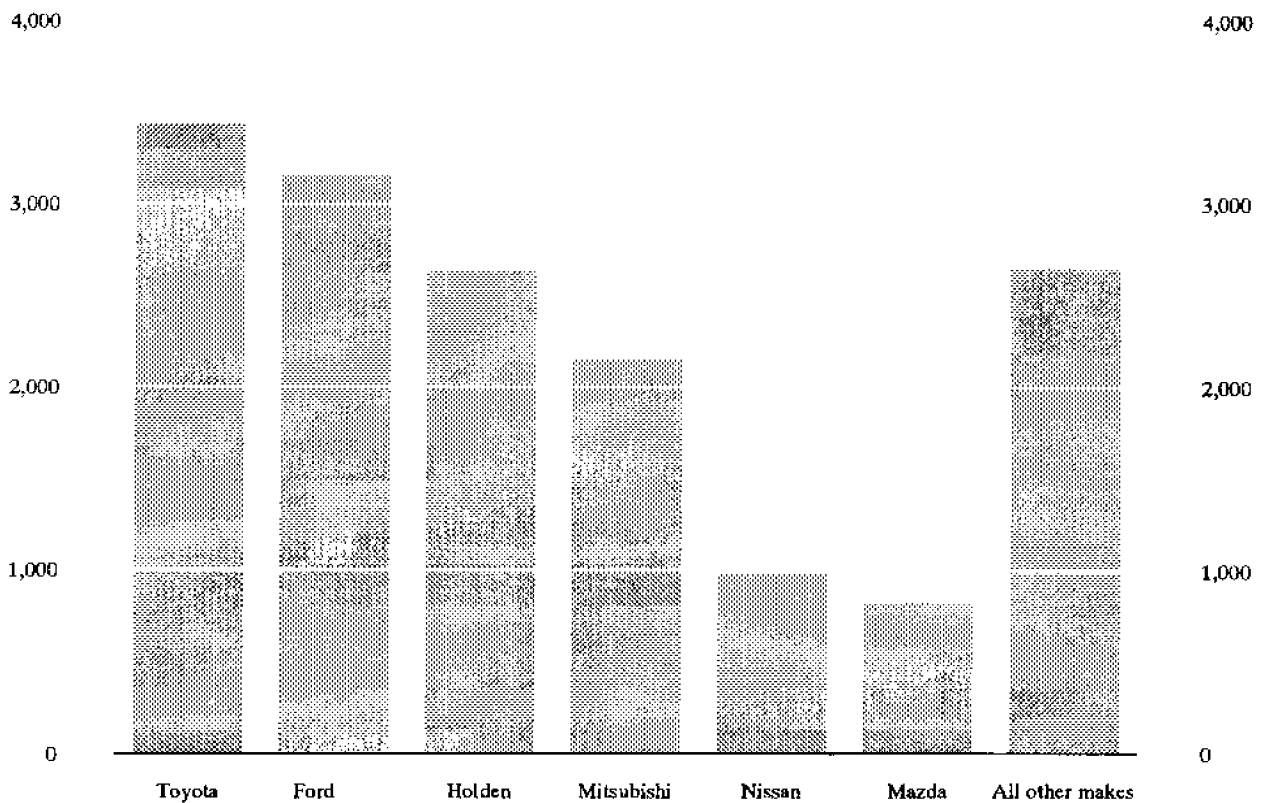
(a) Including tractors.

TABLE 8 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): SELECTED MAKES BY VEHICLE TYPE, QUEENSLAND, TWO MONTHS ENDED FEBRUARY 1994

Make	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total vehicles
			Rigid	Articulated	Non-freight-carrying		
BMW	162	—	—	—	—	—	162
Daihatsu	358	27	7	—	—	—	392
Ford	2,691	402	58	3	1	—	3,155
Hino	—	—	16	—	1	4	21
Holden	2,267	371	—	—	—	—	2,638
Honda	452	—	—	—	—	—	452
Hyundai	580	14	—	—	—	—	594
Isuzu	—	—	84	1	2	—	87
Kenworth	—	—	—	20	—	—	20
Land Rover	110	21	—	—	—	—	131
Mack	—	—	2	10	1	—	13
Mazda	585	222	20	—	—	2	829
Mercedes-Benz	72	—	3	1	1	5	82
Mitsubishi	1,731	379	36	1	1	—	2,148
Nissan	714	264	—	—	—	1	979
Subaru	157	5	—	—	—	—	162
Suzuki	171	7	—	—	—	—	178
Toyota	2,200	1,083	55	—	4	89	3,431
Volvo	62	—	6	7	—	3	78
Other	179	17	44	35	1	1	277
Total	12,491	2,812	331	78	12	105	15,829

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

DIAGRAM 3 - REGISTRATIONS OF NEW MOTOR VEHICLES BY SELECTED MAKES, QUEENSLAND, TWO MONTHS ENDED FEBRUARY 1994 (a)



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

TABLE 9 — REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE (a), QUEENSLAND, FEBRUARY 1994

Make	Number Make		Number Make		Number
Harley-Davidson	48	Kawasaki	40	Yamaha	65
Honda	76	Suzuki	55	Other and unknown	27
Total					311

(a) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 10 — REGISTRATIONS OF NEW RIGID TRUCKS: MAKE BY GROSS VEHICLE MASS (a), QUEENSLAND, FEBRUARY 1994

Make (b)	Gross vehicle mass (tonnes)							Total
	3.5 to 5	Over 5 to 8	Over 8 to 12	Over 12 to 16	Over 16 to 20	Over 20 to 30	Over 30	
Ford	17	13	—	—	—	7	—	37
International	—	—	—	9	—	7	—	16
Isuzu	16	7	9	5	—	1	—	39
Mazda	5	6	—	—	—	—	—	11
Mitsubishi	3	5	5	8	—	—	—	21
Toyota	14	3	—	—	—	—	—	21
Other and unknown	1	1	6	9	1	3	—	24
Total	56	35	20	31	1	18	—	169

(a) The Gross Vehicle Mass (GVM) is the maximum laden mass at which the vehicle should be operated as recommended by the manufacturer. (b) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 11 — REGISTRATIONS OF NEW ARTICULATED TRUCKS: MAKE BY GROSS COMBINATION MASS (a), QUEENSLAND, FEBRUARY 1994

Make (b)	Gross combination mass (tonnes)				Total
	Under 41.0	41.0 to 42.5	Over 42.5	Not stated	
Freightliner	—	2	—	—	2
International	—	4	—	—	4
Kenworth	1	5	1	—	7
Mack	—	6	1	—	7
Scania	—	3	—	—	3
UD Nissan	—	2	2	—	4
Volvo	3	3	—	—	6
Western Star	—	3	—	—	3
Other and unknown	1	1	—	—	2
Total	5	29	4	—	38

(a) The Gross Combination Mass (GCM) is the amount specified for the vehicle by the manufacturer as being the maximum of the sum of the laden mass of the vehicle plus the maximum laden mass of any vehicle which might be towed as a semitrailer or trailer. In Queensland, however, the prime mover and trailer or semitrailer are not registered as one unit and an estimate of the GCM has been made. (b) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 12 — NUMBER OF MOTOR VEHICLES ON REGISTER AT 30 JUNE: YEAR BY VEHICLE TYPE, QUEENSLAND ('000)

At 30 June	Passenger vehicles	Light commercial vehicles	Trucks			Buses	Total vehicles (a)	Motor cycles	Plant, equipment and trailers
			Rigid	Articulated	Non-freight-carrying				
1988	1,159.2	307.6	55.2	9.8	6.7	10.0	1,548.5	67.7	366.8
1989	1,222.3	319.7	56.7	10.2	7.6	10.5	1,627.0	66.4	382.1
1990	1,272.1	329.0	55.6	10.6	9.3	10.7	1,687.3	64.6	393.6
1991	1,304.9	333.1	54.2	10.3	8.3	11.0	1,721.8	65.1	400.6
1992	1,343.8	338.7	54.4	10.4	8.7	11.1	1,767.1	65.7	408.8
1993	1,393.6	348.0	55.2	10.7	8.8	11.5	1,827.6	67.3	423.9

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

EXPLANATORY NOTES

Source and scope

Motor vehicle registration statistics are obtained from data made available by both the Queensland Department of Transport and the Commonwealth Department of Administrative Services. These data reflect the information recorded in registration documents. The statistics in this publication are based, from January 1991 onwards, on new processing procedures using the new Vehicle Identification Number (VIN) system which allows more accurate classification of vehicles. As a result data processed on this system are not strictly comparable with those processed on the old system.

2. The statistics include vehicles with diplomatic and consular plates and government owned vehicles (other than defence service vehicles). Although registration of recreation vehicles intended for use in public places other than roads is compulsory, particulars of such vehicles are excluded from this publication. New motor vehicle registrations apply to factory-new vehicles registered for the first time.

Seasonal adjustment and trend estimates

3. Original, seasonally adjusted and trend estimate series for registrations of new motor vehicles are shown in Table 2. 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.

4. 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.

5. 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 month, 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.

6. 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 series and is shown in Table 2. The trend estimate has been derived by applying a 13-term Henderson-weighted moving average to the series.

7. 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. Similarly, the seasonally adjusted series is subject to revision.

8. For more information on seasonal adjustment of this series, users should refer to the ABS publication *Seasonally Adjusted Indicators* (1308.0) and for information on smoothing of time series generally, users should refer to the ABS Information Paper *A Guide to Smoothing Time Series - Estimates of 'Trend'* (1316.0).

Classification of vehicles

9. Decoding of the VIN has resulted in better identification of each vehicle body code and consequently consistent classification of vehicles to particular categories between different States and Territories. Vehicles such as utilities and cab-chassis, which were sometimes classified to small trucks, are now consistently classified to light commercial vehicles. 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.

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

11. *Light commercial vehicles.* Vehicles constructed primarily for the carriage of goods and weighing less than 3.5 tonnes (prior to January 1991, 4 tonnes) gross vehicle mass (GVM). Included are utilities, panel vans, cab-chassis and forward control vehicles (whether 4WD or not).

12. *Rigid trucks.* Vehicles constructed primarily for the carriage of goods with a gross vehicle mass (GVM) of 3.5 tonnes or more (prior to January 1991, 4 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.

13. *Articulated trucks.* Vehicles constructed primarily for the carriage of goods consisting of a prime mover having no significant load carrying area but with a turn table device which can be linked to a trailer. With or without a trailer the gross combination mass (GCM) will be 3.5 tonnes or more (prior to January 1991, 4 tonnes).

14. *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.

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

Related publications

16. Users may also wish to refer to the following publications which are available on request:

Survey of Motor Vehicle Use (9208.0) - Three-yearly
- Latest issue: 30 September 1991 (\$19.00)
Motor Vehicle Census (9309.0) - Three-yearly -
- Latest issue: 30 September 1991 (\$16.00)

17. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice*

EXPLANATORY NOTES — *continued*

(1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the Catalogue and the *Publications Advice* are available from any ABS office.

Unpublished statistics

18. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

Symbols and other usages

r	figures or series revised since previous issue
—	nil or rounded to zero (including null cells)
—	break in continuity of series

