

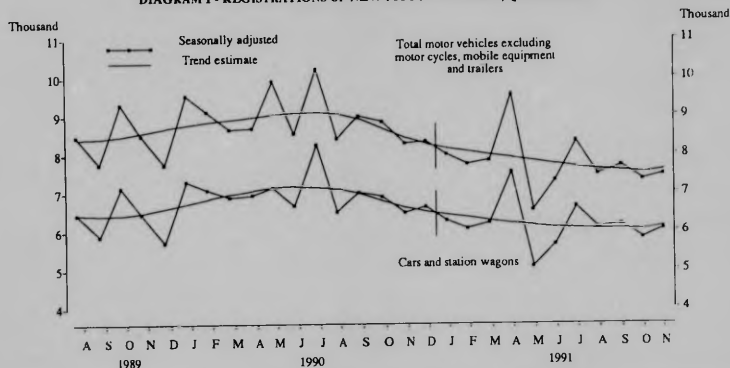


MOTOR VEHICLE REGISTRATIONS, QUEENSLAND, NOVEMBER 1991

MAIN FEATURES

- In seasonally adjusted terms there were 7,460 new motor vehicles (excluding motor cycles, mobile equipment and trailers) registered in November 1991. This was 1.7 per cent higher than the figure for the previous month.

DIAGRAM 1 - REGISTRATIONS OF NEW MOTOR VEHICLES, QUEENSLAND



NOTES

This publication contains data, from January 1991 onwards, based on the system of Vehicle Identification Numbers (VIN). The system allows more accurate identification and classification of newly registered vehicles and as a result there have been changes in the levels of the new vehicle registrations series. Detailed statistics from January to July 1991 are available on the old basis on request.

New motor vehicle registration statistics generally 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 future months are available. Explanatory Notes are located on page 7 of this publication.

313 Adelaide Street
BRISBANE Q 4000
7 January 1992

J. K. Cornish
DEPUTY COMMONWEALTH STATISTICIAN

INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Terry Goater on Brisbane (07) 222 6245 or any ABS State office.
- for information about other ABS statistics and services please contact Information Services on Brisbane (07) 222 6351 or any ABS State office.

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

Period	Cars and station wagons	Util-ities (a)	Panel vans (a)	Trucks		Other truck types (b)	Buses	Total vehicles (c)	Motor cycles	Mobile equipment and trailers
				Rigid (a)	Artic-ulated					
1985-86	73,616	13,642	4,855	3,355	547	189	831	97,035	6,752	15,229
1986-87	55,552	9,183	2,818	2,136	498	123	636	70,946	4,228	13,744
1987-88	59,355	8,584	2,445	2,085	515	260	620	73,864	3,841	14,863
1988-89	74,731	13,807	3,748	2,640	706	304	729	96,665	3,922	17,205
1989-90	79,824	14,936	3,815	2,780	838	478	660	103,331	4,066	16,706
1990-91 (d)	78,064	14,276	3,405	2,209	406	322	675	99,353	4,112	14,540
1990—										
September	6,975	1,190	292	165	36	40	49	8,747	363	1,263
October	7,435	1,465	373	194	28	41	78	9,614	425	1,408
November	6,149	1,225	314	197	36	36	57	8,014	442	1,268
December	6,721	956	258	141	23	34	47	8,180	305	1,145
1991—										
January (d)	5,404	912	213	152	23	8	57	6,769	320	1,022
February	5,409	1,101	233	166	27	8	55	6,999	298	1,158
March	6,360	1,131	209	164	50	8	67	7,989	359	1,232
April	6,782	1,315	311	192	24	20	40	8,684	316	1,194
May	5,772	1,133	303	216	28	8	51	7,511	283	1,206
June	5,481	1,179	269	205	42	25	45	7,246	266	1,395
July	7,497	1,427	239	189	40	13	75	9,480	288	1,350
August	6,116	876	155	175	43	11	43	7,633	296	1,316
September	6,196	959	198	187	25	10	58	8,103	317	1,413
October	6,398	1,168	220	221	26	12	58	7,026	370	1,145
November	5,595	967	195	140	23	13	89			

(a) See paragraph 1 of the Explanatory Notes. (b) Non-freight-carrying vehicles. (c) Excluding motor cycles, mobile equipment and trailers. (d) 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)	
	Cars and station wagons	Total (b)	Cars and station wagons	Total (b)	Cars and station wagons	Total (b)
1990—						
September	6,975	8,747	7,010	8,994	6,987	8,915
October	7,435	9,614	6,907	8,845	6,789	8,662
November	6,149	8,014	6,492	8,286	6,612	8,426
December	6,721	8,180	6,640	8,339	6,501	8,266
1991—						
January (c)	5,404	6,769	6,281	8,001	6,425	8,152
February	5,409	6,999	6,075	7,742	6,360	8,071
March	6,360	7,989	6,221	7,848	6,272	7,980
April	6,782	8,684	7,534	9,545	6,204	7,907
May	5,772	7,511	5,075	6,542	6,145	7,826
June	5,481	7,246	5,651	7,319	6,098	7,740
July	7,497	9,480	6,631	8,343	6,067	7,596
August	6,116	7,419	6,087	7,482	6,051	7,556
September	6,196	7,633	6,163	7,695	6,051	7,503
October	6,398	8,103	5,812	7,332	6,034	7,503
November	5,599	7,026	6,044	7,460	6,115	7,578

(a) Trend estimate (smoothed seasonally adjusted) series are revised as additional observations become available. See paragraph 6 of the Explanatory Notes. (b) Excluding motor cycles, mobile equipment and trailers. (c) From January 1991, data compiled via the new processing system, see Explanatory Notes.

TABLE 3 — NUMBER OF MOTOR VEHICLES ON REGISTER AT 30 JUNE: YEAR BY BODY TYPE, QUEENSLAND ('000)

At 30 June	Cars and station wagons	Util-ities	Panel vans	Trucks		Other truck types (a)	Buses	Total vehicles (b)	Motor cycles	Mobile equipment and trailers
				Rigid	Artic-ulated					
1986	1,105.0	214.6	87.3	58.1	9.1	5.2	9.6	1,488.9	78.5	349.6
1987	1,123.0	216.8	86.7	54.5	9.2	5.5	9.5	1,505.1	70.2	356.6
1988	1,159.2	220.7	86.9	55.2	9.8	6.7	10.0	1,548.5	67.7	366.8
1989	1,222.3	231.6	88.1	56.7	10.2	7.6	10.5	1,627.0	66.4	382.1
1990	1,272.1	240.3	88.7	55.6	10.6	9.3	10.7	1,687.3	64.6	393.6
1991	1,304.9	245.9	87.2	54.2	10.3	8.3	11.0	1,721.8	65.1	400.6

(a) Non-freight-carrying vehicles. (b) Excluding motor cycles, mobile equipment and trailers.

TABLE 4 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): AREA OF REGISTRATION BY BODY TYPE, QUEENSLAND, NOVEMBER 1991

Area	Cars and station wagons	Util-ities (b)	Panel vans (b)	Trucks		Other truck types (c)	Buses	Total vehicles (d)	Motor cycles
				Rigid (b)	Artic-ulated				
Brisbane Statistical Division									
Rest of State	3,103	321	127	75	10	12	46	3,694	109
Not stated	2,374	671	64	63	13	1	41	3,187	261
	122	15	4	2	—	—	2	145	—
Total	5,599	967	195	140	23	13	89	7,026	370

(a) Excluding mobile equipment and trailers. (b) See paragraph 1 of the Explanatory Notes. (c) Non-freight-carrying vehicles. (d) Excluding motor cycles.

DIAGRAM 2 - REGISTRATIONS OF SELECTED NEW MOTOR CARS AND STATION WAGONS BY NUMBER OF CYLINDERS, QUEENSLAND, NOVEMBER 1991

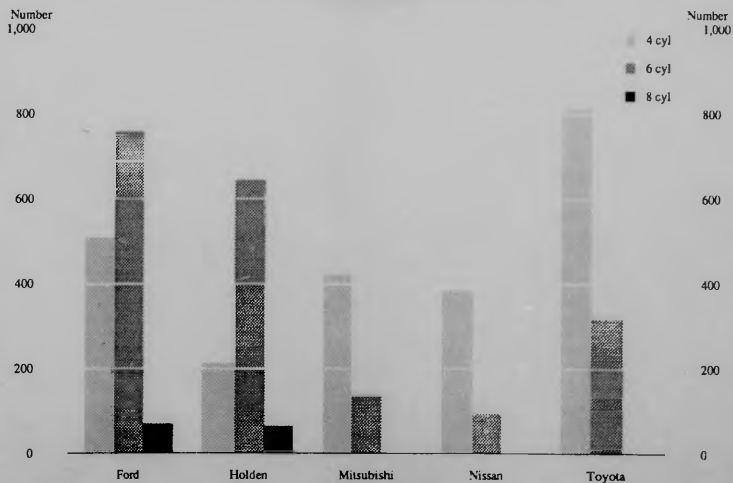


TABLE 5 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): FUEL TYPE BY BODY TYPE, QUEENSLAND, NOVEMBER 1991

Fuel type	Cars and station wagons	Utilities (b)	Panel vans (b)	Trucks		Other truck types (c)	Buses	Total vehicles (d)	Motor cycles
				Rigid (b)	Articulated				
Petrol	5,389	629	151	5	—	11	20	6,205	370
Diesel	198	336	42	135	23	2	69	805	—
Electric	—	—	—	—	—	—	—	—	—
Gas	—	—	—	—	—	—	—	—	—
Other (including dual fuel)	12	2	2	—	—	—	—	16	—
Total	5,599	967	195	140	23	13	89	7,026	370

(a) Excluding mobile equipment and trailers. (b) See paragraph 1 of the Explanatory Notes. (c) Non-freight-carrying vehicles. (d) Excluding motor cycles.

TABLE 6 — REGISTRATIONS OF NEW MOTOR CARS AND STATION WAGONS, UTILITIES AND PANEL VANS: MAKE BY NUMBER OF CYLINDERS, QUEENSLAND, NOVEMBER 1991

OF CYLINDERS, QUEENSLAND, 1970-71							Brisbane Statistical Division
Make (a)	Number of cylinders				Total	Per cent	
	4	6	8	Other and unknown			
CARS AND STATION WAGONS							
Ford	509	758	70	—	1,337	23.9	772
Holden	214	644	64	—	922	16.5	521
Mitsubishi	421	137	—	—	558	10.0	344
Nissan	384	93	—	3	480	8.6	202
Toyota	811	319	—	6	1,136	20.3	663
Other and unknown	954	53	19	140	1,166	20.8	601
Total	3,293	2,004	153	149	5,599	100.0	3,103
UTILITIES (b)							
Ford	52	77	7	—	136	14.1	61
Holden	123	23	7	—	153	15.8	67
Mitsubishi	113	18	—	—	131	13.5	37
Nissan	87	9	—	3	99	10.2	24
Toyota	260	122	—	—	382	39.5	121
Other and unknown	66	—	—	—	66	6.8	11
Total	701	249	14	3	967	100.0	321
PANEL VANS (b)							
Ford	33	11	—	—	44	22.6	27
Mazda	15	—	—	1	16	8.2	7
Mitsubishi	52	—	—	—	52	26.7	36
Toyota	72	—	—	—	72	36.9	51
Other and unknown	10	—	—	1	11	5.6	6
Total	182	11	—	2	195	100.0	127

(a) Only those makes which account for at least 5 per cent of the total are specified. (b) See paragraph 1 of the Explanatory Notes.

TABLE 7 — REGISTRATIONS OF NEW MOBILE EQUIPMENT AND TRAILERS: AREA OF REGISTRATION BY BODY TYPE, QUEENSLAND, NOVEMBER 1991

Area	Trailers					Total	Total
	Caravans	Plant and machinery (a)	Box	Boat	Other		
Brisbane Statistical Division	34	23	365	121	59	545	602
Rest of State	27	48	404	171	54	629	704
Not stated	4	—	1	1	1	3	7
Total	65	71	770	293	114	1,177	1,313

(a) Including tractors.

TABLE 8 — REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE (a), QUEENSLAND, NOVEMBER 1991

Make	Number Make	Number Make	Number
Harley-Davidson	50 Kawasaki	49 Yamaha	145
Honda	69 Suzuki	44 Other and unknown	13
		Total	370

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

TABLE 9 — REGISTRATIONS OF NEW RIGID TRUCKS (a): MAKE BY GROSS VEHICLE MASS (b), QUEENSLAND, NOVEMBER 1991

Make (c)	Gross vehicle mass (tonnes)						Total
	Over 3.5 to 8	Over 8 to 12	Over 12 to 16	Over 16 to 20	Over 20 to 30	Over 30	
Ford	19	—	1	—	1	—	21
Hino	—	5	5	—	—	—	10
Isuzu	14	7	3	—	—	4	28
Mazda	8	—	—	—	—	—	8
Mitsubishi	12	9	2	—	2	3	28
Toyota	22	—	—	—	—	—	22
Other and unknown	2	1	6	—	4	7	21
Total	77	22	17	—	7	10	138

(a) See paragraph 1 of the Explanatory Notes. (b) The Gross Vehicle Mass (GVM) is the maximum laden mass at which the vehicle should be operated as recommended by the manufacturer. (c) Only those makes which account for at least 5 per cent of the total are specified.

TABLE 10 — REGISTRATIONS OF NEW ARTICULATED TRUCKS: MAKE BY GROSS COMBINATION MASS (a), QUEENSLAND, NOVEMBER 1991

Make (b)	Gross combination mass (tonnes)			Total
	Under 40	Over 40	Not stated	
Ford	—	3	—	3
Freightliner	—	2	—	2
International	—	3	—	3
Kenworth	—	5	—	5
Scania	1	1	—	2
Volvo	—	4	—	4
Western Star	—	4	—	4
Total	1	22	—	23

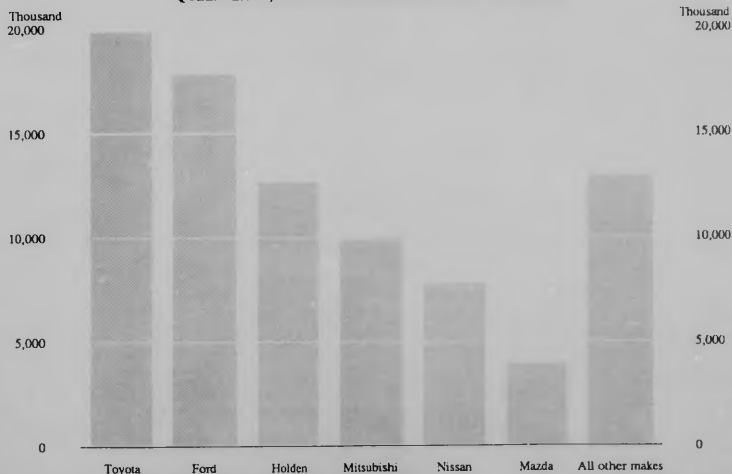
(a) The Gross Combination Mass (GCM) is the amount specified for the vehicle by the manufacturer as being the maximum of the sum of the laden mass of the vehicle plus the maximum laden mass of any vehicle which might be towed as a semi-trailer or trailer. In Queensland, however, the prime mover and trailer or semi-trailer 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 11 — REGISTRATIONS OF NEW MOTOR CARS AND STATION WAGONS, UTILITIES, PANEL VANS, TRUCKS AND BUSES: SELECTED MAKES BY BODY TYPE, QUEENSLAND, ELEVEN MONTHS ENDED NOVEMBER 1991

Make	Cars and station wagons	Utilities (a)	Panel vans (a)	Trucks		Other truck types (b)	Buses	Total vehicles (c)
				Rigid (a)	Articulated			
B.M.W.	539	—	—	—	—	—	—	539
Daihatsu	2,623	45	4	46	—	—	—	2,718
Ford	15,022	1,588	864	257	24	78	—	17,833
Holden	10,602	2,042	—	—	—	3	—	12,647
Honda	1,766	—	—	—	—	—	—	1,766
Hyundai	1,457	—	3	—	—	—	—	1,460
Lada	296	—	—	—	—	—	—	296
Mazda	3,066	520	202	186	—	1	7	3,982
Mercedes-Benz	186	—	—	48	21	2	8	265
Mitsubishi	7,669	1,177	691	354	2	5	1	9,899
Nissan	6,207	1,294	184	19	—	1	27	7,732
Subaru	1,501	389	1	—	—	—	—	1,891
Suzuki	1,636	76	5	—	—	—	—	1,717
Toyota	13,552	4,984	551	179	—	19	536	19,821
Volvo	268	—	—	84	72	1	25	450
Other	624	53	40	834	232	26	34	1,843
Total	67,014	12,168	2,545	2,007	351	136	638	84,859

(a) See paragraph 1 of the Explanatory Notes. (b) Non-freight-carrying vehicles. (c) Excluding motor cycles, mobile equipment and trailers.

DIAGRAM 3 - REGISTRATIONS OF NEW MOTOR VEHICLES:
TOTAL MOTOR VEHICLES REGISTERED BY SELECTED MAKES,
QUEENSLAND, ELEVEN MONTHS ENDED NOVEMBER 1991 (a)



(a) Excluding motor cycles, mobile 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 (DAS). 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. From January 1991 to July 1991, detailed statistics have been compiled on the old system and are available on request. Minor discrepancies may exist between data presented in this publication and in the national publication *Motor Vehicle Registrations* (9303.0). After January 1991, data has been amended by Central Office and data in the Queensland publication will be revised as soon as possible. Prior to January 1991, the Queensland Department of Transport classified rigid trucks with a gross vehicle mass (GVM) of 4 tonnes or less as either utilities or panel vans, whereas the DAS classified such vehicles as rigid trucks. To maintain the consistency of Queensland data, figures obtained from the DAS for rigid trucks with a GVM of 4 tonnes or less were reclassified by the Queensland Office of the ABS to either utilities or panel vans.

Seasonal adjustment and trend estimates

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

3. 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.

4. 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.

5. 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.

6. 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.

7. 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

8. 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 micro-buses 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-chassis, 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.

9. *Other truck types* include non-freight-carrying trucks, ambulances, hearses and motorised caravans.

10. 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.

11. Particulars of vehicles with diplomatic and consular plates and government-owned new vehicles (other than defence service vehicles) are included in this publication.

Related publications

12. 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 1988 (\$18.00)
Motor Vehicle Census (9309.0) - Three-yearly - Latest issue: 30 September 1988 (\$15.00)

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

14. 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

- nil or rounded to zero (including null cells)
- break in continuity of series

© Commonwealth of Australia 1992

Recommended retail price: \$10.50



2093033011912

ISSN 1031-2730