



AUSTRALIAN BUREAU OF STATISTICS

QUEENSLAND

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MOTOR VEHICLE REGISTRATIONS, QUEENSLAND, SEPTEMBER 1987

PHONE INQUIRIES	For more information about these statistics please contact Richard Hart on Brisbane (07) 222 6247. For other inquiries, including copies of publications, please contact Information Services on Brisbane (07) 222 6351.
MAIL INQUIRIES	Please write to Information Services, Australian Bureau of Statistics (ABS), G.P.O. Box 9817, Brisbane, Q. 4001.

Main Features

- In September 1987 there were 6,429 registrations of new motor vehicles (excluding motor cycles, mobile equipment, and trailers) processed. This was 14.5 per cent higher than the number processed in August 1987 (5,615) and 8.3 per cent higher than the number processed in September 1986 (5,937).
- New registrations for the 3 months ended September 1987 (18,151) were 5.5 per cent higher than for the 3 months ended June 1987 (17,203) but 11.5 per cent lower than for the 3 months ended September 1986 (20,520).

As these series contain irregular influences that can be highly volatile, short-term movements cannot be assumed to indicate changes in the underlying trend. Because of this volatility, a trend estimate is also published to provide users with a clearer picture of underlying trends (see Table 2).

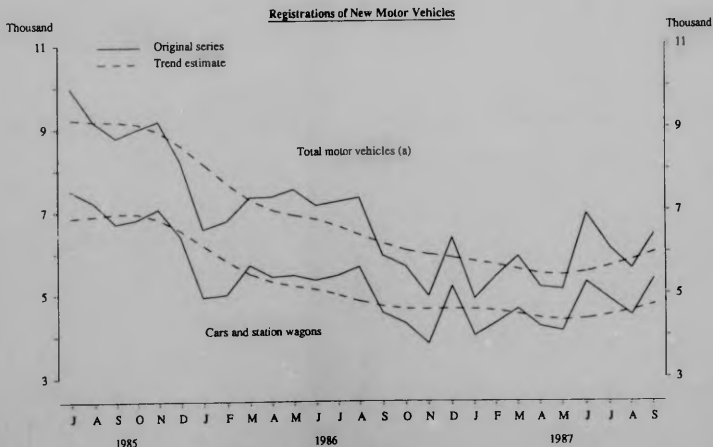
Explanatory Notes

Introduction

In these statistics, registrations are generally for new motor vehicles processed by the motor vehicle registration authority in Queensland during the period. In some instances registrations of new motor vehicles are not recorded in the statistics until some time after registration. It follows that registrations in this publication do not necessarily represent sales of new motor vehicles in the period.

Source and Scope

2. Motor vehicle registration statistics are obtained from data made available by the Queensland Main Roads Department and the Commonwealth Department of Administrative Services. These data reflect the information recorded in registration documents.



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

Explanatory Notes (continued)Seasonal Adjustment

3. 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 'undays, 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' (Catalogue No. 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"' (Catalogue No. 1316.0).

Classification of Vehicles

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 those belonging to the defence services are included in this publication.

12. 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.

Related Publications

13. Users may also wish to refer to the following publication which is available on request:

'Motor Vehicle Census' (9309.0) - Irregular - Latest issue: 1985 (\$4.10)

14. Current publications produced by the ABS are listed in the 'Catalogue of Publications' (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in 'List of Publications' (Catalogue No. 1101.3). A 'Publications Advice' (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

15. The ABS can also make available certain motor vehicle registration statistics which are not published. Where it is not practicable to provide the required statistics by telephone, they may be available in other forms, such as microfiche, photocopy, computer printout, or clerically extracted tabulation. A charge may be made for providing unpublished statistics in these forms.

16. For further information on these unpublished statistics contact Richard Hart by telephoning Brisbane (07) 222 6247, or write to Information Services at the address above.

Symbols and Other Usages

r Figure or series revised since previous issue.
- Nil or less than half the final digit shown.

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30 October 1987

Table 1 - New Motor Vehicle Registrations by Body Type, Queensland

Period	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					
1984-85	81,670	16,591	6,439	3,612	519	194	948	109,973	8,534	16,389
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
1986: July	5,459	1,124	301	247	37	9	68	7,245	375	1,199
August	5,665	1,084	295	186	38	7	63	7,338	383	1,111
September	4,553	833	252	225	32	7	35	5,927	363	1,329
October	4,298	848	228	196	36	8	55	5,671	450	1,166
November	3,813	684	211	171	25	19	37	4,960	344	1,122
December	5,192	704	186	187	35	12	47	6,363	489	1,316
1987: January	4,005	547	150	117	26	6	43	4,894	350	1,042
February	4,306	654	232	154	38	9	39	5,432	335	987
March	4,643	767	262	135	35	12	49	5,903	343	1,088
April	4,221	551	166	133	30	9	56	5,166	287	1,108
May	4,112	610	145	119	58	10	54	5,108	246	972
June	5,285	777	390	264	108	15	90	6,929	263	1,304
July	4,869	599	282	262	40	15	40	5,107	356	1,172
August	4,494	612	166	241	24	42	36	5,615	223	1,119
September	5,351	633	188	152	38	17	50	6,429	256	1,327
Three months ended										
September 1986	15,677	3,041	848	658	107	23	166	20,520	1,121	3,639
September 1987	14,714	1,844	636	655	102	74	126	18,151	835	3,618

(a) Non-freight-carrying vehicles.

(b) Excluding motor cycles, mobile equipment, and trailers.

Table 2 - New Motor Vehicles Registered: Original, Seasonally Adjusted, and Trend Estimate Series, Queensland

Month	Original series		Seasonally adjusted series		Trend estimate series	
	Cars and station wagons	Total	Cars and station wagons	Total	Cars and station wagons	Total
1986: July	5,459	7,245	4,968	6,576	4,985	6,642
August	5,665	7,338	5,186	7,039	4,834	6,431
September	4,553	5,937	4,700	6,163	4,715	6,225
October	4,298	5,671	4,283	5,638	4,649	6,061
November	3,813	4,960	4,361	5,651	4,642	5,961
December	5,192	6,363	4,785	6,003	4,651	5,880
1987: January	4,005	4,894	4,983	6,091	4,646	5,798
February	4,306	5,432	4,920	6,136	4,607	5,708
March	4,643	5,903	4,302	5,439	r 4,519	r 5,592
April	4,221	5,166	4,238	5,153	r 4,417	r 5,484
May	4,112	5,108	3,915	4,834	r 4,368	r 5,456
June	5,285	6,929	4,986	6,366	r 4,406	r 5,533
July	4,869	6,107	4,411	5,509	r 4,500	r 5,672
August	4,494	5,615	4,242	5,473	r 4,610	r 5,825
September	5,351	6,429	5,147	6,427	4,744	6,005

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					
1982	997.7	190.3	76.5	56.6	8.8	4.4	6.7	1,341.0	98.4	320.7
1983	1,037.5	197.9	83.2	57.5	8.7	4.6	7.7	1,397.2	99.0	335.1
1984	1,066.0	204.9	87.3	58.8	8.9	4.8	8.7	1,439.5	94.0	342.7
1985	1,082.1	209.9	87.2	59.1	9.0	5.0	9.5	1,461.8	84.3	342.4
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

(a) Non-freight-carrying vehicles.

(b) Excluding motor cycles, mobile equipment, and trailers.

Table 4 - Registrations of New Motor Cars and Station Wagons, Utilities, Panel Vans, Trucks, and Buses: Area of Registration by Body Type, Queensland, September 1987

Area	Cars and station wagons	Utilities	Panel vans	Trucks		Other truck types (a)	Buses	Total
				Rigid	Articulated			
Brisbane Statistical Division ..	3,124	246	131	95	15	9	21	3,641
Rest of State ..	2,227	387	57	57	23	8	29	2,788
Total ..	5,351	633	188	152	38	17	50	6,429

(a) Non-freight-carrying vehicles.

Table 5 - New Motor Vehicles (a) Registered: Fuel Type by Body Type, Queensland, September 1987

Fuel type	Cars and station wagons	Utilities	Panel vans	Trucks		Other truck types (b)	Buses	Total vehicles (c)	Motor cycles
				Rigid	Articulated				
Petrol ..	5,298	421	138	11	-	6	13	5,887	252
Diesel ..	43	209	32	141	38	11	37	511	-
Electric ..	-	-	-	-	-	-	-	-	3
Gas ..	2	-	-	-	-	-	-	2	-
Other (including dual fuel) ..	8	3	18	-	-	-	-	29	1
Total ..	5,351	633	188	152	38	17	50	6,249	256

(a) Excluding mobile equipment and trailers.

(b) Non-freight-carrying vehicles.

(c) Excluding motor cycles.

Table 6 - Registrations of New Motor Cycles, Mobile Equipment, and Trailers: Area of Registration by Body Type, Queensland, September 1987

Area	Motor cycles	Mobile equipment and trailers				Total
		Trailers	Caravans	Tractors	Plant and machinery	
Brisbane Statistical Division ..	90	515	57	9	11	592
Rest of State ..	166	628	45	48	14	735
Total ..	256	1,143	102	57	25	1,327

Table 7 - Registrations of New Motor Cycles by Make, Queensland, September 1987

Make	Number	Make	Number	Make	Number
B.M.W. ..	9	Kawasaki ..	46	Triumph ..	1
Ducati ..	1	K.T.M. ..	1	Yamaha ..	74
Harley-Davidson ..	13	M.Z. ..	1	Other and unknown	9
Honda ..	60	Suzuki ...	41	Total ..	256

Table 8 - Registrations of New Motor Cars and Station Wagons, Utilities, and Panel Vans: Make and Number of Cylinders by Body Type, Queensland, September 1987

Make	No. of cylinders	Cars and station wagons	Utilities	Panel vans	Make	No. of cylinders	Cars and station wagons	Utilities	Panel vans
Alfa Romeo	4	4	-	-	Land Rover	8	1	-	-
"	5	2	-	-	(continued)	6	2	-	-
Audi	4	4	-	-	Maserati	4	84	18	4
"	5	2	-	-	Mazda	6	25	-	-
B.M.W.	4	2	-	-	"	R2	1	-	-
"	6	11	-	-	Mercedes-Benz	4	5	-	-
Chevrolet	8	1	-	-	"	5	1	-	-
Citroen	4	3	-	-	"	6	19	-	-
Daihatsu	3	22	1	9	"	8	16	-	-
"	4	4	16	8	Mitsubishi	4	561	32	10
"	5	-	1	-	Nissan	4	312	88	23
Ferrari	8	1	-	-	"	6	106	11	-
Fiat	4	2	-	-	Peugeot	4	3	-	-
Ford	4	494	16	22	Range Rover	8	10	-	-
"	6	1,458	139	49	Rover	4	5	-	-
"	8	3	13	-	"	6	3	-	-
Holden	4	341	12	4	Seab	4	13	-	-
"	6	803	-	1	Subaru	2	-	-	1
"	8	21	-	-	"	4	18	7	-
Honda	4	84	-	-	Suzuki	3	5	14	7
"	6	1	-	-	"	4	15	12	2
Hyundai	4	63	-	-	Toyota	4	683	167	41
Jaguar	6	6	-	-	"	6	69	85	7
"	12	1	-	-	Volkswagen	4	2	-	-
Jeep	8	1	-	-	Volvo	4	46	-	-
Lada	4	10	-	-					
Land Rover	4	2	1	-					
					Total		5,351	633	188

Table 9 - Registrations of New Rigid and Articulated Trucks: Make and Gross Vehicle Mass (a) or Gross Combination Mass (b) by Body Type, Queensland, September 1987

GVM(a) or Trucks				GVM(a) or Trucks				GVM(a) or Trucks			
Make		GCM(b) code	Trucks	Make		GCM(b) code	Trucks	Make		GCM(b) code	Trucks
		Rigid	Articulated			Rigid	Articulated			Rigid	Articulated
Atkinson	..	P	-	1	International			Mitsubishi			
Daf	..	O	-	1	(continued)	P	2	(continued)	N	C	1
"	..	P	-	1	Isuzu	..	B 8	Nissan	..	C	3
Daihatsu	..	B	7	-	"	..	C 8	"	..	D	1
"	..	N.S.	1	-	"	..	D 6	"	..	F	4
Ford	..	B	10	-	Kenworth	..	P -	Scania	..	N	-
"	..	P	8	-	Mack	..	P -	"	..	P	1
"	..	P	-	6	Mazda	..	B 6	Toyota	..	B	8
Hino	..	C	8	-	Mercedes-Benz	..	P -	"	..	N.S.	29
"	..	D	8	-	Mitsubishi	..	B 7	Volvo	..	F	6
"	..	F	1	-	"	..	C 6	"	..	O	2
International	..	C	2	-	"	..	D 3	"	..	P	6
"	..	D	5	-	"	..	F 2				
"	..	F	5	-	"	..	M -	Total	..	152	38

(a) Gross Vehicle Mass (GVM): The maximum laden mass at which the vehicle should be operated as recommended by the manufacturer.

GVM Ranges
(tonnes)

A - Up to and including 4
(Not applicable to Queensland figures.)
B - Above 4 to 8

C - Above 8 to 12
D - " 12 " 16
E - " 16 " 20
F - Above 20 to 30
G - " 30
N.S. - Not stated.

(b) Gross Combination Mass (GCM): 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.

GCM Ranges
(tonnes)

H - Up to and including 8
I - Above 8 to 12
J - " 12 " 16
K - " 16 " 20
L - " 20 " 24

M - Above 24 to 30
N - " 30 " 34
O - " 34 " 40
P - " 40
N.S. - Not stated.

QUEENSLAND STATISTICAL PUBLICATIONS

Publications issued by the Queensland Office of the Australian Bureau of Statistics may be obtained from G.P.O. Box 1160, Brisbane, 4001 (Telephone (07) 222 6352).

The publications are free, except where otherwise indicated. Prices are for the latest issue and include postage and handling charges.

GENERAL

- 1101.3 List of Publications a
- 1102.3 Localities Index (\$6.00) irr ϕ
- 1301.3 Queensland Year Book (\$20.75) a
- 1302.3 Queensland Pocket Year Book (\$4.20) a
- 1304.3 Monthly Summary of Statistics m
- 1305.3 Queensland in Relation to Australia a
- 1306.3 Local Authority Areas Statistical Summary (\$2.80) a ϕ
- 1307.3 Economic Indicators m
- 1312.3 Queensland at a Glance a
- 1313.3 Brisbane City Statistical Summary a

CENSUS OF POPULATION AND HOUSING

- 2405.3 Census of Population and Housing: Characteristics of Persons and Dwellings in Suburbs of Brisbane City and Local Authority Areas within Brisbane Statistical Division (\$4.30) irr
- 2406.3 Census of Population and Housing: Characteristics of Persons and Dwellings in Local Authority Areas, Statistical Divisions, and Statistical Districts (\$4.30) irr ϕ
- 2456.0 Census 86 - Age and Sex of Persons in Statistical Local Areas and Statistical Divisions (\$3.40) irr ϕ ϕ
- 2464.0 Census 86 - Persons and Dwellings in Legal Local Government Areas and Urban Centres/Rural Localities (\$3.40) irr ϕ ϕ

INTERCENSAL ESTIMATES OF POPULATION, POPULATION PROJECTIONS, VITAL STATISTICS

- 3201.3 Estimated Resident Population and Area, Preliminary a ϕ
- 3202.3 Estimated Resident Population and Area for Local Authority Areas a ϕ
- 3204.3 Population Growth and Growth Rates in the Intercensal Period in Statistical Divisions and Local Authority Areas irr ϕ
- 3210.3 Age and Sex Distribution of Estimated Resident Population in Local Authority Areas irr ϕ
- 3211.3 Age and Sex Distribution of Estimated Resident Population in Suburbs and Local Authority Areas within the Brisbane Statistical Division (\$1.70) irr
- 3302.3 Causes of Death (\$1.80) a
- 3304.3 Marriages a
- 3305.3 Divorces a
- 3306.3 Births a
- 3307.3 Deaths a
- 3308.3 Demographic Summary a
- 3309.3 Demography: Small Area Summary a ϕ
- 3310.3 Fertility Trends in Queensland (\$1.80) irr

EDUCATION, HEALTH AND WELFARE, LAW AND ORDER

- 4101.3 Summary of Social Statistics a
- 4110.3 Household Telephone Connections irr ϕ
- 4201.3 Pre-schools and Child Care Centres, Preliminary a
- 4202.3 Pre-schools and Child Care Centres a ϕ
- 4203.3 Schools, Preliminary a
- 4204.3 Schools a ϕ
- 4205.3 Participation in Secondary Education irr
- 4301.3 Health and Welfare Establishments, Preliminary a
- 4302.3 Health and Welfare Establishments (\$2.10) a
- 4303.3 Hospital Morbidity (\$1.80) a
- 4402.3 Child Care Arrangements irr
- 4501.3 Law and Order, Summary a
- 4502.3 Law and Order (\$2.10) a ϕ
- 4503.3 Smoking Behaviour irr
- 4504.3 Non-commercial Fishing irr
- 4505.3 Usage of Legal Services irr ϕ

PUBLIC FINANCE

- 5502.3 Local Government (\$2.80) a ϕ
- 5503.3 Government Finance a

LABOUR AND PRICES

- 6201.3 The Labour Force q
- 6204.3 The Labour Force: Regional Estimates q
- 6301.3 Industrial Accidents (\$1.80) a
- 6401.3 Indexes of Retail Prices of Food in Queensland Towns a
- 6533.3 Household Expenditure Survey (\$1.80) irr ϕ

AGRICULTURE, FISHING

- 7112.3 Selected Agricultural Commodities, Preliminary a
- 7204.3 Livestock Products - Meat m
- 7221.3 Livestock and Livestock Products (\$2.10) a ϕ
- 7321.3 Crops and Pastures (\$2.60) a ϕ
- 7322.3 Fruit a ϕ
- 7411.3 Agricultural Land Use and Selected Inputs (\$2.10) a ϕ
- 7501.3 Value of Agricultural Commodities Produced a ϕ

MANUFACTURING AND MINING

- 8202.3 Manufacturing Establishments Summary of Operations a
- 8203.3 Details of Operations (\$1.80) a
- 8204.3 Employment Size Statistics a
- 8205.3 Small Area Statistics (\$2.90) a ϕ
- 8206.3 Sawmill Statistics q
- 8301.3 Manufacturing Commodities: Principal Articles Produced a
- 8401.3 Census of Mining Establishments: Details of Operations by Industry Subdivision a
- 8402.3 Mineral Production a
- 8403.3 Sand, Gravel, and Quarry Production hy

INTERSTATE AND FOREIGN TRADE

- 8502.3 Interstate and Foreign Trade a

TOURISM AND RETAIL TRADE

- Census of Retail Establishments and Selected Service Establishments
- 8622.3 Details of Operations by Industry Class irr
- 8623.3 Industry Details for Statistical Retail Areas irr ϕ
- 8624.3 Hotels and Accommodation Establishments irr
- 8625.3 Commodity Sales and Service Takings irr
- 8626.3 Industry and Commodity Details by Size of Establishments irr
- 8635.3 Tourist Accommodation q
- 8636.3 Selected Accommodation Establishments irr

BUILDING AND CONSTRUCTION

- 8730.3 Building Approvals: Preliminary Figures for Dwelling Units Approved m
- 8731.3 Building Approvals m ϕ
- 8733.3 Building Approvals: Small Area Statistics a ϕ
- 8741.3 Dwelling Unit Commencements Reported by Approving Authorities m ϕ
- 8752.3 Building Activity q

TRANSPORT

- 9101.3 Transport a
- 9303.3 Motor Vehicle Registrations m
- 9405.3 Road Traffic Accidents q ϕ
- 9406.3 Road Traffic Accidents a ϕ

a - annual, hy - half-yearly, q - quarterly, m - monthly, irr - irregular.
 ϕ Information shown for each local authority area. ϕ New title to be issued during 1987.

Unpublished information on many statistical series is available. Inquiries should be directed to the Information Service by telephoning Brisbane (07) 222 6351.