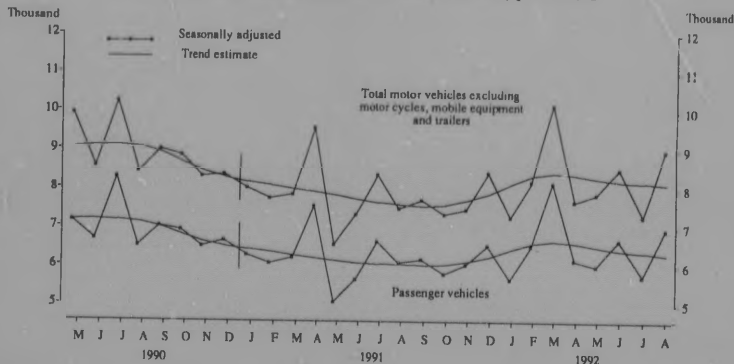


MOTOR VEHICLE REGISTRATIONS, QUEENSLAND, AUGUST 1992

MAIN FEATURES

- In seasonally adjusted terms there were 8,987 new motor vehicles (excluding motor cycles, mobile equipment and trailers) registered in August 1992. This was 23.5 per cent higher than the figure for the previous month.
- New registrations of passenger vehicles for the month of August 1992 showed that the Ford Falcon/Fairmont model (983) led the market, followed by the Holden Commodore/Calais (770), Toyota Camry (397), Mitsubishi Magna (384) and the Toyota Corolla (303).

DIAGRAM 1 - REGISTRATIONS OF NEW MOTOR VEHICLES, QUEENSLAND



NOTES

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
29 September 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- for further information about statistics in this publication and the availability of related unpublished statistics, contact Terry Goater on Brisbane (07) 222 6245 or any ABS State office.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	Passenger vehicles (a)	Light commercial vehicles (a)	Trucks			Buses	Total vehicles (d)	Motor cycles	Mobile equipment and trailers
			Rigid (b)	Articulated	Non-freight carrying (c)				
1986-87	55,552	12,001	2,136	498	123	636	70,946	4,228	13,744
1987-88	59,335	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 (e)	78,040	17,680	2,208	406	321	675	99,330	4,023	14,540
1991-92	76,520	16,455	2,186	400	115	810	96,486	3,667	15,345
1991—									
June	5,481	1,449	204	42	25	45	7,246	246	1,206
July	7,497	1,665	190	40	13	75	9,480	270	1,395
August	6,115	1,029	178	43	11	43	7,419	284	1,350
September	6,196	1,158	186	25	10	58	7,633	287	1,316
October	6,388	1,399	220	26	12	58	8,103	302	1,413
November	5,599	1,162	140	23	13	89	7,026	363	1,313
December	6,820	1,337	188	36	10	55	8,446	339	1,332
1992—									
January	4,898	1,071	136	23	6	53	6,187	338	1,119
February	5,858	1,324	157	27	6	65	7,437	319	1,119
March	8,470	1,855	208	35	5	75	10,648	296	1,244
April	5,761	1,105	206	27	7	71	7,177	275	1,236
May	6,164	1,632	163	37	15	95	8,106	310	1,193
June	6,754	1,718	214	58	7	73	8,824	284	1,315
July	r 6,668	r 1,494	164	42	10	80	r 8,458	281	1,315
August	6,530	1,553	175	33	5	88	8,384	285	1,325

(a) See paragraphs 9 and 10 of the Explanatory Notes. (b) See paragraph 1 of the Explanatory Notes. (c) Primarily 'Other truck types.' (d) Excluding motor cycles, mobile equipment and trailers. (e) 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 (b)	Total (c)	Passenger vehicles (b)	Total (c)	Passenger vehicles (b)	Total (c)
1991—						
June	5,481	7,246	5,651	7,319	6,084	7,719
July	7,497	9,480	6,631	8,343	6,055	7,634
August	6,115	7,419	6,086	7,482	6,045	7,581
September	6,196	7,633	6,163	7,695	6,024	7,539
October	6,388	8,103	5,803	7,332	6,041	7,572
November	5,599	7,026	6,044	7,460	6,119	7,694
December	6,820	8,446	6,328	8,394	6,238	7,865
1992—						
January	4,898	6,187	5,662	7,260	6,433	8,122
February	5,858	7,437	6,518	8,167	6,596	8,325
March	8,470	10,648	8,131	10,147	6,651	8,394
April	5,761	7,177	6,158	7,666	6,604	8,351
May	6,164	8,106	6,013	7,853	6,508	8,260
June	6,754	8,824	6,633	8,490	6,418	8,186
July	r 6,668	r 8,548	r 5,748	r 7,279	6,372	8,166
August	6,530	8,384	6,945	8,987	6,303	8,119

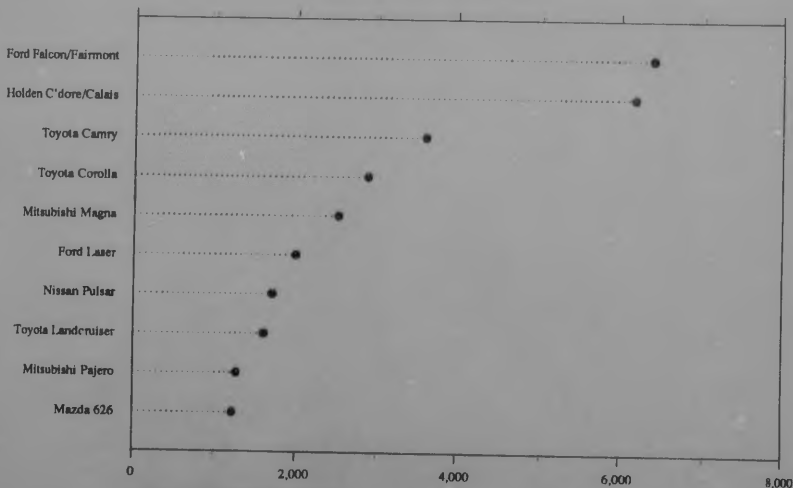
(a) Trend estimate (monothed seasonally adjusted) series are revised as additional observations become available. See paragraph 6 of the Explanatory Notes. (b) See paragraphs 9 and 10 of the Explanatory Notes. (c) Excluding motor cycles, mobile equipment and trailers.

TABLE 3 — REGISTRATIONS OF NEW PASSENGER VEHICLES (a) BY SELECTED MAKE AND MODEL, QUEENSLAND

Make and model	August 1992		8 months ended August 1992		Make and model	August 1992		8 months ended August 1992	
	No.	Per cent (b)	No.	Per cent (b)		No.	Per cent (b)	No.	Per cent (b)
Ford					Mitsubishi				
Falcon/Fairmont	983	15.1	6,402	12.5	Magna	384	5.9	2,499	4.9
Laser	276	4.2	1,999	3.9	Pajero	132	2.0	1,284	2.5
Fairlane	71	1.1	482	0.9	Lancer	111	1.7	1,203	2.4
Other	215	3.3	2,099	4.1	Other	114	1.7	912	1.8
Total	1,545	23.7	10,982	21.5	Total	741	11.3	5,898	11.5
Holden					Nissan				
Commodore/Calaia	770	11.8	6,175	12.1	Pulsar	214	3.3	1,727	3.4
Berlina	177	2.7	1,064	2.1	Patrol	115	1.8	829	1.6
Jackaroo	62	1.0	315	0.6	Primera	89	1.4	766	1.5
Other	148	2.3	1,250	2.4	Other	32	0.5	438	0.9
Total	1,137	17.7	8,804	17.2	Total	450	6.9	3,760	7.4
Mazda					Toyota				
626	150	2.3	1,234	2.4	Camry	397	6.1	3,600	7.0
121	80	1.2	653	1.3	Corolla	303	4.6	2,871	5.6
323	73	1.1	618	1.2	Landcruiser	241	3.7	1,632	3.2
Other	23	0.4	292	0.6	Other	254	3.9	1,965	3.8
Total	326	5.0	2,797	5.5	Total	1,195	18.3	10,068	19.7

(a) See paragraph 9 of the Explanatory Notes. (b) Of total registrations of passenger vehicles.

DIAGRAM 2. REGISTRATIONS OF NEW MOTOR VEHICLES: TOP TEN MODELS OF PASSENGER VEHICLES, QUEENSLAND, EIGHT MONTHS ENDED AUGUST 1992 (a)



(a) See paragraph 9 of the Explanatory Notes.

TABLE 4 — NUMBER OF MOTOR VEHICLES ON REGISTER AT 30 JUNE: YEAR BY BODY TYPE, QUEENSLAND ('000)

At 30 June	Passenger vehicles (a)	Light commercial vehicles (a)	Trucks			Buses	Total vehicles (c)	Motor cycles	Mobile equipment and trailers
			Rigid	Articulated	Non-freight-carrying (b)				
1987	1,123.0	303.5	54.5	9.2	5.5	9.5	1,505.1	70.2	356.6
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

(a) See paragraphs 9 and 10 of the Explanatory Notes. (b) Formerly 'Other truck types.' (c) Excluding motor cycles, mobile equipment and trailers.

TABLE 5 — REGISTRATIONS OF NEW MOTOR VEHICLES BY SELECTED BODY TYPES AND NUMBER OF CYLINDERS, QUEENSLAND, AUGUST 1992

Body type	Number of cylinders				Total	Per cent	Brisbane Statistical Division
	4	6	8	Other and unknown			
Passenger vehicles (a)	3,495	2,653	173	209	6,530	65.3	3,775
Light commercial vehicles (a)	1,113	422	17	1	1,553	15.5	633
Rigid trucks	93	80	2	—	175	1.8	104
Articulated trucks	—	31	2	—	33	0.3	23
Non-freight-carrying trucks (b)	2	3	—	—	5	0.1	4
Buses	45	40	3	—	88	0.9	47
Other (c)	47	17	—	1,546	1,610	16.1	691
Total	4,795	3,246	197	1,756	9,994	100.0	5,277

(a) See paragraphs 9 and 10 of the Explanatory Notes. (b) Formerly 'Other truck types.' (c) Including motor cycles, mobile equipment and trailers.

TABLE 6 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): FUEL TYPE BY BODY TYPE, QUEENSLAND, AUGUST 1992

Fuel type	Passenger vehicles (b)	Light commercial vehicles (b)	Trucks			Buses	Total vehicles (d)	Motor cycles
			Rigid	Articulated	Non-freight-carrying (c)			
Petrol	6,220	1,005	9	—	1	17	7,252	285
Diesel	302	546	166	33	4	71	1,122	—
Electric	—	—	—	—	—	—	—	—
Gas	—	—	—	—	—	—	—	—
Other (including dual fuel)	8	2	—	—	—	—	10	—
Total	6,530	1,553	175	33	5	88	8,384	285

(a) Excluding mobile equipment and trailers. (b) See paragraphs 9 and 10 of the Explanatory Notes. (c) Formerly 'Other truck types.' (d) Excluding motor cycles.

TABLE 7 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): AREA OF REGISTRATION BY BODY TYPE, QUEENSLAND, AUGUST 1992

Area	Passenger vehicles (b)	Light commercial vehicles (b)	Trucks			Buses	Total vehicles (d)	Motor cycles
			Rigid	Articulated	Non-freight-carrying (c)			
Brisbane Statistical Division	3,775	633	104	23	4	47	4,586	107
Rest of State	2,672	909	71	10	1	40	3,703	178
Not stated	83	11	—	—	—	1	95	—
Total	6,530	1,553	175	33	5	88	8,384	285

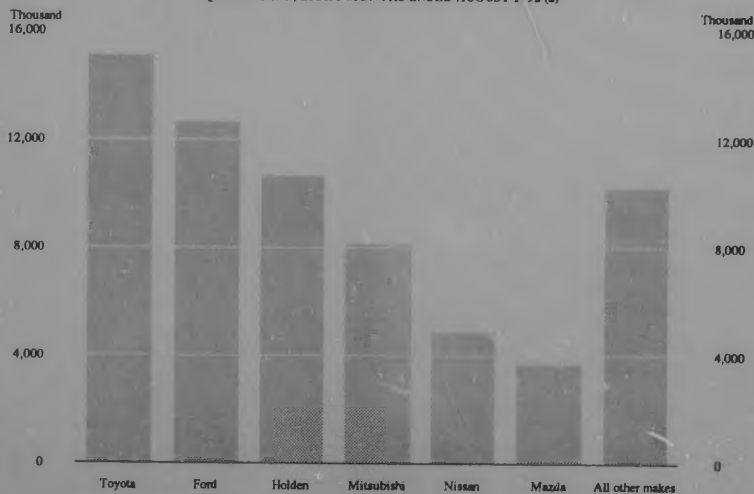
(a) Excluding mobile equipment and trailers. (b) See paragraphs 9 and 10 of the Explanatory Notes. (c) Formerly 'Other truck types.' (d) Excluding motor cycles.

TABLE 8 — REGISTRATIONS OF NEW MOTOR VEHICLES: TOTAL MOTOR VEHICLES (a) REGISTERED BY SELECTED MAKES, QUEENSLAND, EIGHT MONTHS ENDED AUGUST 1992

Make	Passenger vehicles (b)	Light commercial vehicles (b)	Trucks			Buses	Total vehicles
			Rigid	Articulated	Non-freight carrying (c)		
BMW	472	—	—	—	—	—	472
Daihatsu	1,977	14	29	—	—	—	2,020
Ford	10,982	1,374	211	30	29	—	12,626
Holden	8,804	1,822	—	—	—	—	10,626
Honda	1,362	—	—	—	—	—	1,362
Hyundai	1,225	32	—	—	—	—	1,257
Lada	127	—	—	—	—	—	127
Mazda	2,797	767	103	—	4	22	3,693
Mercedes-Benz	338	—	28	22	1	14	403
Mitsubishi	5,898	1,923	293	3	10	3	8,130
Nissan	3,760	1,068	6	—	1	27	4,862
Subaru	1,258	238	—	—	—	—	1,496
Suzuki	1,173	32	—	—	—	—	1,205
Toyota	10,068	4,420	126	—	6	446	15,066
Volvo	250	—	50	52	2	46	400
Other	612	62	577	175	8	42	1,476
Total	51,103	11,752	1,423	282	61	600	65,221

(a) Excluding motor cycles, mobile equipment and trailers. (b) See paragraphs 9 and 10 of the Explanatory Notes. (c) Formerly 'Other truck types'.

DIAGRAM 3 - REGISTRATIONS OF NEW MOTOR VEHICLES:
TOTAL MOTOR VEHICLES REGISTERED BY SELECTED MAKES,
QUEENSLAND, EIGHT MONTHS ENDED AUGUST 1992 (a)



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

TABLE 9 — REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE (a), QUEENSLAND, AUGUST 1992

Make	Number Make		Number Make		Number
Harley-Davidson	21	Kawasaki	41	Yamaha	78
Honda	94	Suzuki	34	Other and unknown	17
Total					285

(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, AUGUST 1992

Make (b)	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	31	1	—	—	2	—	34
Hino	—	9	6	—	1	—	17
Isuzu	17	8	5	1	4	—	35
Mazda	13	1	—	—	—	—	15
Mitsubishi	15	6	11	2	—	—	34
Toyota	12	—	—	—	—	—	14
Other and unknown	1	3	12	—	6	4	26
Total	89	28	34	3	13	5	175

(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, AUGUST 1992

Make (b)	Gross combination mass (tonnes)			Total
	Under 40	Over 40	Not stated	
Ford	1	5	—	6
Kenworth	—	13	—	13
Mercedes-Benz	—	4	—	4
Volvo	1	3	—	4
Western Star	—	4	—	4
Other and unknown	—	2	—	2
Total	2	31	—	33

(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 — REGISTRATIONS OF NEW MOBILE EQUIPMENT AND TRAILERS: AREA OF REGISTRATION BY BODY TYPE, QUEENSLAND, AUGUST 1992

Area	Plant and machinery (a)		Trailers				Total
	Caravans		Box	Boat	Other	Total	
Brisbane Statistical Division	38	24	361	82	79	522	584
Rest of State	46	53	432	148	56	636	735
Not stated	4	—	1	—	1	2	6
Total	88	77	794	230	136	1,160	1,325

(a) Including tractors.

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 '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.

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. *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.

10. *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).

11. *Rigid trucks.* Vehicles constructed primarily for load carrying with a 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.

12. *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. With or without a trailer the gross combination mass (GCM) will exceed 3.5 tonnes.

13. *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.

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

15. 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.

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

EXPLANATORY NOTES — continued

Related publications

17. 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 (5309.0) - Three-yearly - Latest
issue: 30 September 1991 (\$16.00)

18. 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

19. 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

