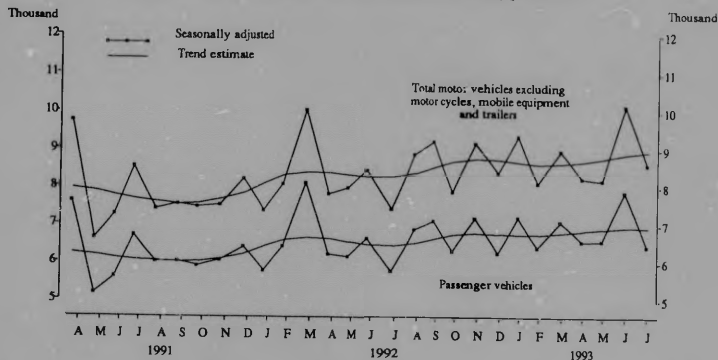


## MOTOR VEHICLE REGISTRATIONS, QUEENSLAND, JULY 1993

### MAIN FEATURES

- In seasonally adjusted terms there were 8,610 new motor vehicles (excluding motor cycles, mobile equipment and trailers) registered in July 1993. This was 15.2 per cent lower than the figure for the previous month.
- New registrations of passenger vehicles for the month of July 1993 showed that the Ford Falcon/Fairmont model (1,017) led the market, followed by Holden Commodore/Calais (843), Mitsubishi Magna (434), Toyota Camry (362) and Toyota Corolla (331).

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.

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8 September 1993

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### 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- for further information about statistics in this publication and the availability of related unpublished statistics, contact Terry Goater on Brisbane (07) 222 6245 or any ABS State office.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 | Light commercial vehicles | Trucks |             |                      | Buses | Total vehicles (a) | Motor cycles | Mobile 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        | 14,340                        |
| 1991-92     | 76,493             | 16,481                    | 2,187  | 400         | 115                  | 810   | 96,486             | 3,667        | 15,345                        |
| 1992-93     | 81,657             | 18,912                    | 2,316  | 524         | 91                   | 899   | 104,403            | 3,865        | 16,923                        |
| 1992—       |                    |                           |        |             |                      |       |                    |              |                               |
| 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        | 6,668              | 1,494                     | 164    | 42          | 10                   | 80    | 8,458              | 281          | 1,315                         |
| August      | 6,527              | 1,556                     | 175    | 33          | 5                    | 88    | 8,384              | 285          | 1,325                         |
| September   | 8,184              | 1,751                     | 226    | 52          | 10                   | 89    | 10,312             | 371          | 1,551                         |
| October     | 6,401              | 1,334                     | 196    | 36          | 6                    | 61    | 8,034              | 301          | 1,465                         |
| November    | 6,365              | 1,606                     | 227    | 48          | 6                    | 80    | 8,332              | 306          | 1,487                         |
| 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          | 1,270                         |
| June        | r 8,533            | r 2,270                   | 262    | 79          | 12                   | 79    | 11,235             | r 322        | 1,622                         |
| July        | 6,941              | 1,867                     | 186    | 44          | 11                   | 77    | 9,126              | 272          | 1,523                         |

(a) Excluding motor cycles, mobile 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—     |                    |           |                            |           |                           |           |
| May       | 6,164              | 8,106     | 6,154                      | 7,971     | 6,542                     | 8,311     |
| June      | 6,754              | 8,824     | 6,647                      | 8,452     | 6,475                     | 8,268     |
| July      | 6,668              | 8,458     | 5,788                      | 7,426     | 6,460                     | 8,277     |
| August    | 6,527              | 8,384     | 6,882                      | 8,885     | 6,526                     | 8,376     |
| September | 8,184              | 10,312    | 7,112                      | 9,220     | 6,648                     | 8,543     |
| October   | 6,401              | 8,034     | 6,320                      | 7,879     | 6,754                     | 8,695     |
| November  | 6,365              | 8,332     | 7,184                      | 9,169     | 6,789                     | 8,761     |
| December  | 7,376              | 9,433     | 6,270                      | 8,390     | 6,771                     | 8,738     |
| 1993—     |                    |           |                            |           |                           |           |
| January   | 5,483              | 7,046     | 7,205                      | 9,359     | 6,750                     | 8,672     |
| February  | 5,796              | 7,414     | 6,421                      | 8,115     | 6,758                     | 8,625     |
| March     | 8,054              | 10,362    | 7,092                      | 8,969     | 6,809                     | 8,642     |
| April     | 5,866              | 7,272     | 6,581                      | 8,244     | 6,860                     | 8,689     |
| May       | 6,404              | 8,121     | 6,595                      | 8,189     | 6,909                     | 8,780     |
| June      | r 8,533            | 11,235    | r 7,877                    | 10,154    | 6,956                     | 8,899     |
| July      | 6,941              | 9,126     | 6,450                      | 8,610     | 6,945                     | 8,973     |

(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, mobile equipment and trailers.

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

| Make and model   | July 1993 |              | 7 months ended July 1993 |              | Make and model | July 1993 |              | 7 months ended July 1993 |              |
|------------------|-----------|--------------|--------------------------|--------------|----------------|-----------|--------------|--------------------------|--------------|
|                  | No.       | Per cent (a) | No.                      | Per cent (a) |                | No.       | Per cent (a) | No.                      | Per cent (a) |
| Ford             |           |              |                          |              | Mitsubishi     |           |              |                          |              |
| Falcon/Fairmont  | 1,017     | 14.7         | 6,544                    | 13.9         | Magna          | 434       | 6.3          | 2,634                    | 5.6          |
| Laser            | 208       | 3.0          | 1,626                    | 3.5          | Lancer         | 238       | 3.4          | 1,494                    | 3.2          |
| Festiva          | 145       | 2.1          | 945                      | 2.0          | Pajero         | 207       | 3.0          | 1,335                    | 2.8          |
| Other            | 205       | 3.0          | 1,494                    | 3.2          | Other          | 104       | 1.5          | 852                      | 1.8          |
| Total            | 1,573     | 22.7         | 10,609                   | 22.5         | Total          | 983       | 14.2         | 6,315                    | 13.4         |
| Holden           |           |              |                          |              | Nissan         |           |              |                          |              |
| Commodore/Calaix | 843       | 12.1         | 5,538                    | 11.8         | Pulsar         | 185       | 2.7          | 1,207                    | 2.6          |
| Barina           | 139       | 2.0          | 1,151                    | 2.4          | Patrol         | 93        | 1.3          | 690                      | 1.5          |
| Apollo           | 78        | 1.1          | 406                      | 0.9          | Maxima         | 21        | 0.3          | 159                      | 0.3          |
| Other            | 65        | 0.9          | 785                      | 1.7          | Other          | 39        | 0.6          | 403                      | 0.9          |
| Total            | 1,125     | 16.2         | 7,880                    | 16.7         | Total          | 318       | 4.9          | 2,459                    | 5.2          |
| Daihatsu         |           |              |                          |              | Toyota         |           |              |                          |              |
| Charade          | 255       | 3.7          | 1,168                    | 2.5          | Camry          | 362       | 5.2          | 2,452                    | 5.2          |
| Applause         | 43        | 0.6          | 305                      | 0.6          | Corolla        | 331       | 4.8          | 2,561                    | 5.4          |
| Feroza           | 23        | 0.3          | 166                      | 0.4          | Landcruiser    | 297       | 4.3          | 1,885                    | 4.0          |
| Other            | 14        | 0.2          | 182                      | 0.4          | Other          | 450       | 6.5          | 2,594                    | 5.5          |
| Total            | 335       | 4.8          | 1,821                    | 3.9          | Total          | 1,440     | 20.7         | 9,492                    | 20.2         |

(a) Of total registrations of passenger vehicles.

DIAGRAM 2 - REGISTRATIONS OF NEW MOTOR VEHICLES: TOP TEN MODELS OF PASSENGER VEHICLES, QUEENSLAND, SEVEN MONTHS ENDED JULY 1993

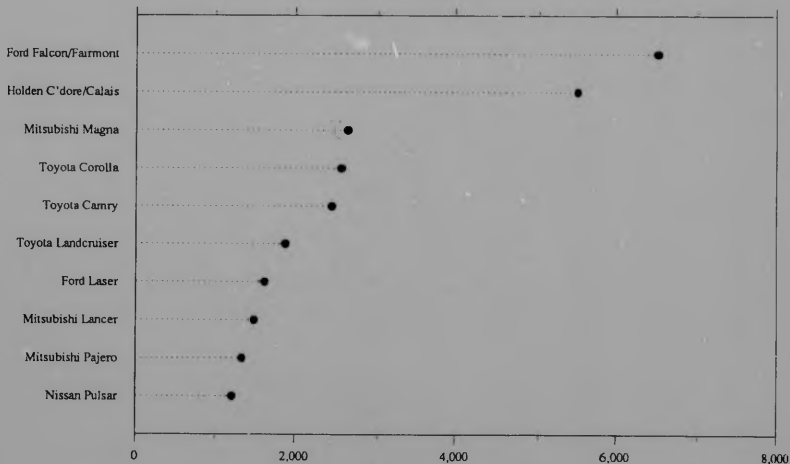


TABLE 4 — NUMBER OF MOTOR VEHICLES ON REGISTER AT 30 JUNE: YEAR BY BODY TYPE, QUEENSLAND ('000)

| At 30 June | Passenger vehicles | Light commercial vehicles | Trucks |             |                      | Buses | Total vehicles (a) | Motor cycles | Mobile 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, mobile equipment and trailers.

TABLE 5 — REGISTRATIONS OF NEW MOTOR VEHICLES BY SELECTED BODY TYPES AND NUMBER OF CYLINDERS, QUEENSLAND, JULY 1993

| Body type                   | Number of cylinders |       |     |                   | Total  | Per cent | Brisbane Statistical Division |
|-----------------------------|---------------------|-------|-----|-------------------|--------|----------|-------------------------------|
|                             | 4                   | 6     | 8   | Other and unknown |        |          |                               |
| Passenger vehicles          | 3,409               | 3,180 | 140 | 212               | 6,941  | 63.6     | 3,855                         |
| Light commercial vehicles   | 1,329               | 530   | 6   | 2                 | 1,867  | 17.1     | 639                           |
| Rigid trucks                | 89                  | 96    | 1   | —                 | 186    | 1.7      | 109                           |
| Articulated trucks          | —                   | 43    | 1   | —                 | 44     | 0.4      | 25                            |
| Non-freight-carrying trucks | 1                   | 9     | 1   | —                 | 11     | 0.1      | 9                             |
| Buses                       | 28                  | 48    | 1   | —                 | 77     | 0.7      | 40                            |
| Other (a)                   | 53                  | 42    | —   | 1,700             | 1,795  | 16.4     | 745                           |
| Total                       | 4,909               | 3,948 | 150 | 1,914             | 10,921 | 100.0    | 5,422                         |

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

TABLE 6 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): FUEL TYPE BY BODY TYPE, QUEENSLAND, JULY 1993

| Fuel type                   | Passenger vehicles | Light commercial vehicles | Trucks |             |                      | Buses | Total vehicles (b) | Motor cycles |
|-----------------------------|--------------------|---------------------------|--------|-------------|----------------------|-------|--------------------|--------------|
|                             |                    |                           | Rigid  | Articulated | Non-freight carrying |       |                    |              |
| Petrol                      | 6,671              | 1,087                     | 10     | —           | 1                    | 13    | 7,782              | 272          |
| Diesel                      | 240                | 767                       | 176    | 44          | 10                   | 64    | 1,301              | —            |
| Electric                    | —                  | —                         | —      | —           | —                    | —     | —                  | —            |
| Gas                         | 1                  | 1                         | —      | —           | —                    | —     | 2                  | —            |
| Other (including dual fuel) | 29                 | 12                        | —      | —           | —                    | —     | 41                 | —            |
| Total                       | 6,941              | 1,867                     | 186    | 44          | 11                   | 77    | 9,126              | 272          |

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

TABLE 7 — REGISTRATIONS OF NEW MOTOR VEHICLES (a): AREA OF REGISTRATION BY BODY TYPE, QUEENSLAND, JULY 1993

| Area                          | Passenger vehicles | Light commercial vehicles | Trucks |             |                      | Buses | Total vehicles (b) | Motor cycles |
|-------------------------------|--------------------|---------------------------|--------|-------------|----------------------|-------|--------------------|--------------|
|                               |                    |                           | Rigid  | Articulated | Non-freight carrying |       |                    |              |
| Brisbane Statistical Division | 3,855              | 639                       | 109    | 25          | 9                    | 40    | 4,677              | 102          |
| Rest of State                 | 2,999              | 1,219                     | 77     | 19          | 2                    | 36    | 4,352              | 170          |
| Not stated                    | 87                 | 9                         | —      | —           | —                    | 1     | 97                 | —            |
| Total                         | 6,941              | 1,867                     | 186    | 44          | 11                   | 77    | 9,126              | 272          |

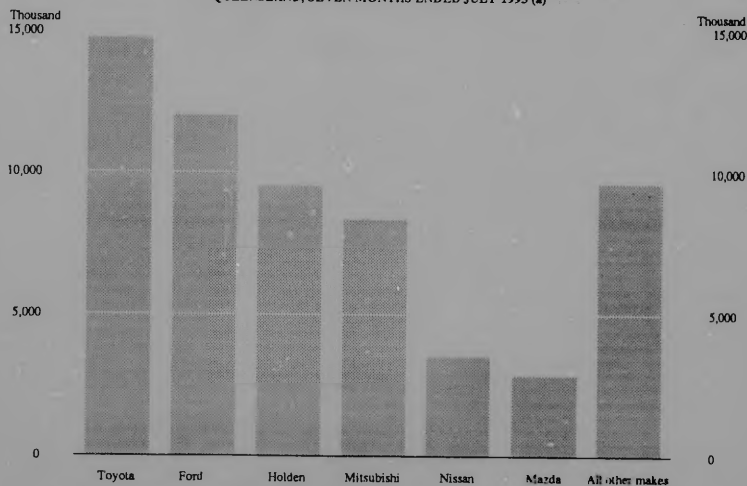
(a) Excluding mobile equipment and trailers. (b) Excluding motor cycles.

TABLE 8 — REGISTRATIONS OF NEW MOTOR VEHICLES: TOTAL MOTOR VEHICLES (a) REGISTERED BY SELECTED MAKES, QUEENSLAND, SEVEN MONTHS ENDED JULY 1993

| Make          | Passenger vehicles | Light commercial vehicles | Trucks |             |                      | Buses | Total vehicles |
|---------------|--------------------|---------------------------|--------|-------------|----------------------|-------|----------------|
|               |                    |                           | Rigid  | Articulated | Non-freight carrying |       |                |
| BMW           | 512                | —                         | —      | —           | —                    | —     | 512            |
| Daihatsu      | 1,821              | 7                         | 10     | —           | —                    | —     | 1,838          |
| Ford          | 10,609             | 1,208                     | 141    | 33          | 10                   | —     | 12,001         |
| Hino          | —                  | —                         | 121    | 2           | 8                    | 2     | 133            |
| Holden        | 7,880              | 1,644                     | —      | —           | —                    | —     | 9,524          |
| Honda         | 1,236              | —                         | —      | —           | —                    | —     | 1,236          |
| Hyundai       | 1,429              | 51                        | —      | —           | —                    | —     | 1,480          |
| Isuzu         | —                  | —                         | 341    | 1           | 8                    | 2     | 352            |
| Kenworth      | —                  | —                         | 2      | 54          | —                    | —     | 56             |
| Land Rover    | 273                | 42                        | —      | —           | —                    | —     | 315            |
| Mack          | —                  | —                         | 10     | 54          | —                    | —     | 64             |
| Mazda         | 2,042              | 682                       | 78     | —           | 2                    | 23    | 2,827          |
| Mercedes-Benz | 284                | —                         | 25     | 16          | 1                    | 13    | 339            |
| Mitsubishi    | 6,315              | 1,741                     | 292    | 1           | 5                    | 3     | 8,357          |
| Nissan        | 2,459              | 1,024                     | 3      | —           | —                    | 20    | 3,506          |
| Subaru        | 843                | 195                       | —      | —           | —                    | —     | 1,038          |
| Suzuki        | 900                | 26                        | —      | —           | —                    | —     | 926            |
| Toyota        | 9,492              | 4,682                     | 161    | —           | 8                    | 405   | 14,748         |
| Volvo         | 293                | —                         | 28     | 56          | 1                    | 27    | 405            |
| Other         | 689                | 18                        | 84     | 106         | 8                    | 14    | 919            |
| Total         | 47,077             | 11,320                    | 1,296  | 323         | 51                   | 509   | 60,576         |

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

DIAGRAM 3 - REGISTRATIONS OF NEW MOTOR VEHICLES: TOTAL MOTOR VEHICLES REGISTERED BY SELECTED MAKES, QUEENSLAND, SEVEN MONTHS ENDED JULY 1993 (a)



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

TABLE 9 — REGISTRATIONS OF NEW MOTOR CYCLES BY MAKE (a), QUEENSLAND, JULY 1993

| Make            | Number Make |          | Number Make |                   | Number |
|-----------------|-------------|----------|-------------|-------------------|--------|
| Harley-Davidson | 66          | Kawasaki | 29          | Yamaha            | 51     |
| Honda           | 71          | Suzuki   | 40          | Other and unknown | 15     |
|                 |             |          | Total       |                   | 272    |

(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, JULY 1993

| Make (b)          | Gross vehicle mass (tonnes) |             |              |               |               |               |         | Total |
|-------------------|-----------------------------|-------------|--------------|---------------|---------------|---------------|---------|-------|
|                   | Over 3.5 to 5               | Over 5 to 8 | Over 8 to 12 | Over 12 to 15 | Over 16 to 20 | Over 20 to 30 | Over 30 |       |
| Ford              | 12                          | 5           | —            | —             | —             | 2             | —       | 19    |
| Hino              | —                           | —           | 6            | 7             | —             | 1             | —       | 14    |
| International     | —                           | —           | —            | 3             | —             | —             | —       | 3     |
| Izuzu             | 8                           | 7           | 9            | 11            | —             | 5             | 1       | 10    |
| Mazda             | 7                           | 10          | —            | —             | —             | —             | —       | 37    |
| Mitsubishi        | 9                           | 6           | 21           | 11            | 1             | 3             | —       | 17    |
| Toyota            | 14                          | 7           | —            | —             | —             | —             | —       | 51    |
| Other and unknown | 2                           | 1           | —            | 4             | —             | 7             | —       | 21    |
| Total             | 52                          | 36          | 36           | 36            | 1             | 20            | 1       | 186   |

(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, JULY 1993

| Make (b)          | Gross combination mass (tonnes) |              |           |            | Total |
|-------------------|---------------------------------|--------------|-----------|------------|-------|
|                   | Under 41.0                      | 41.0 to 42.5 | Over 42.5 | Not stated |       |
| Ford              | —                               | 13           | 2         | —          | 15    |
| International     | 1                               | 3            | —         | —          | 4     |
| Kenworth          | —                               | 4            | 1         | —          | 5     |
| Mack              | —                               | 6            | 1         | —          | 7     |
| Scania            | —                               | 3            | —         | —          | 3     |
| Volvo             | 1                               | 2            | 4         | —          | 7     |
| Other and unknown | —                               | 2            | 1         | —          | 3     |
| Total             | 2                               | 33           | 9         | —          | 44    |

(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, JULY 1993

| Area                          | Plant and machinery (a) |     | Trailers |       |     | Total | Total |
|-------------------------------|-------------------------|-----|----------|-------|-----|-------|-------|
|                               | Caravans                | Box | Boat     | Other |     |       |       |
| Brisbane Statistical Division | 58                      | 18  | 391      | 105   | 71  | 567   | 643   |
| Rest of State                 | 45                      | 91  | 460      | 193   | 72  | 725   | 861   |
| Not stated                    | 5                       | 1   | 13       | —     | —   | 19    | 19    |
| Total                         | 108                     | 110 | 864      | 298   | 143 | 1,305 | 1,523 |

(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. 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 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.

10. *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.

11. *Light commercial vehicles.* Vehicles constructed primarily for the carriage of goods and not exceeding 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) exceeding 3.5 tonnes (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 exceed 3.5 tonnes (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)

## EXPLANATORY NOTES — continued

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* (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                  |

