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Reference No. 12.16.23

24 SEPTEMBER 1976

# PRODUCTION SUMMARY NO. 23 - ELECTRIC MOTORS (a) AUSTRALIA - JUNE 1976

All annual figures are derived from the recorded monthly production and are subject to revision. This summary contains seasonally adjusted statistics of electric motors under 1 horsepower on page 1 and 1 horsepower and over on page 2. In the seasonal adjustment account has been taken not only of normal seasonal factors but also of "trading day" effects (arising from the varying number of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. The seasonally adjusted figures have been revised following annual reanalysis. Details of the methods used in seasonally adjusting this and other series are given in *Seasonally Adjusted Indicators 1976* (Reference No. 1.10).

As from February 1976 production statistics are no longer being collected from single establishment manufacturing enterprises employing less than four persons or from establishments predominantly engaged in non-manufacturing activities but which may carry on in a minor way some manufacturing.

However, except for a few commodities the effect on production levels and movements is marginal. An indication of the approximate magnitude of the break in comparability may be obtained by comparing annual 1974-75 data which are shown in this publication on both the old and the new basis. Monthly data from July 1975 to January 1976 have also been adjusted on the new basis.

TABLE 1. ELECTRIC MOTORS UNDER 1 HP  
(£'000)

| Period      | Up to and including 1/50 hp<br>(503.13) | Over 1/50 hp up to and including 1/20 hp<br>(503.14) | Over 1/20 hp up to and including 1/10 hp<br>(503.15) | Over 1/10 hp up to and including 1/6 hp<br>(503.16) | Over 1/6 hp up to and including 1/4 hp<br>(503.22) | Over 1/4 hp up to and including 1/3 hp<br>(503.23) | Over 1/3 hp up to and including 1/2 hp<br>(503.24) | Over 1/2 hp and over 1 hp<br>(503.25, 26) | Total under 1 hp |                         |
|-------------|-----------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------------------|------------------|-------------------------|
|             |                                         |                                                      |                                                      |                                                     |                                                    |                                                    |                                                    |                                           | Original         | Seasonally adjusted (b) |
| 1973-74     | 1,268                                   | 200                                                  | 292                                                  | 691                                                 | 781                                                | 354                                                | 339                                                | 180                                       | 4,315            | ...                     |
| 1974-75     | 1,185                                   | 236                                                  | 275                                                  | 811                                                 | 725                                                | 378                                                | 349                                                | 379                                       | 4,219            | ...                     |
| 1974-75 (c) | 1,187                                   | 235                                                  | 275                                                  | 803                                                 | 795                                                | 378                                                | 349                                                | 379                                       | 4,200            | ...                     |
| 1975-76     | 948                                     | 255                                                  | 264                                                  | 702                                                 | 762                                                | 370                                                | 256                                                | 349                                       | 3,873            | ...                     |
| 1975 -      |                                         |                                                      |                                                      |                                                     |                                                    |                                                    |                                                    |                                           |                  |                         |
| May         | 93                                      | 11.5                                                 | 20.7                                                 | 39.5                                                | 55.5                                               | 29.2                                               | 27.6                                               | 27.4                                      | 304              | 304                     |
| June        | 93                                      | 10.6                                                 | 15.2                                                 | 37.6                                                | 58.4                                               | 29.2                                               | 27.6                                               | 22.4                                      | 294              | 304                     |
| July (d)    | 91                                      | 17.2                                                 | 17.8                                                 | 47.0                                                | 59.1                                               | 28.4                                               | 34.1                                               | 30.1                                      | 325              | 279                     |
| August      | 95                                      | 25.7                                                 | 20.6                                                 | 53.0                                                | 56.7                                               | 29.1                                               | 20.4                                               | 27.4                                      | 328              | 291                     |
| September   | 101                                     | 22.2                                                 | 16.7                                                 | 46.5                                                | 53.9                                               | 38.4                                               | 17.7                                               | 27.4                                      | 324              | 293                     |
| October     | 127                                     | 26.5                                                 | 24.1                                                 | 69.8                                                | 56.2                                               | 38.0                                               | 16.6                                               | 36.1                                      | 392              | 319                     |
| November    | 112                                     | 23.2                                                 | 24.0                                                 | 61.0                                                | 70.6                                               | 33.5                                               | 22.0                                               | 35.1                                      | 382              | 320                     |
| December    | 82                                      | 15.6                                                 | 22.4                                                 | 60.8                                                | 62.6                                               | 31.2                                               | 15.9                                               | 29.0                                      | 320              | 340                     |
| 1976 -      |                                         |                                                      |                                                      |                                                     |                                                    |                                                    |                                                    |                                           |                  |                         |
| January     | 32                                      | 6.0                                                  | 13.0                                                 | 32.5                                                | 51.2                                               | 15.3                                               | 10.9                                               | 9.7                                       | 171              | 337                     |
| February    | 75                                      | 18.3                                                 | 22.3                                                 | 54.8                                                | 80.3                                               | 31.5                                               | 19.8                                               | 30.9                                      | 333              | 357                     |
| March       | 78                                      | 16.5                                                 | 23.9                                                 | 67.3                                                | 92.4                                               | 36.4                                               | 24.0                                               | 37.1                                      | 379              | 365                     |
| April       | 43                                      | 15.2                                                 | 24.5                                                 | 68.6                                                | 69.2                                               | 25.3                                               | 19.0                                               | 28.1                                      | 293              | 356                     |
| May         | 57                                      | 11.0                                                 | 31.0                                                 | 71.1                                                | 47.9                                               | 29.1                                               | 24.4                                               | 27.6                                      | 299              | 301                     |
| June        | 54                                      | 26.0                                                 | 23.8                                                 | 69.3                                                | 61.6                                               | 33.7                                               | 29.3                                               | 30.7                                      | 329              | 325                     |

(a) Includes those made and incorporated in manufacturers' own products. (b) See note at top of page. (c) Excludes the production of certain small producers. See explanatory notes above. (d) Data for July 1975 and subsequent months exclude the production of certain small producers. See explanatory notes above.

TABLE 2 - ELECTRIC MOTORS 1 HP AND OVER : TOTAL MOTORS  
(000)

| Period      | 1 hp and<br>Under<br>2 1/2 hp<br>(503.27) | 2 1/2 hp and<br>under<br>5 hp<br>(503.28) | 5 hp and<br>under<br>10 hp<br>(503.29) | 10 hp and<br>under<br>50 hp<br>(503.30) | 50 hp and<br>under<br>100 hp<br>(503.31) | 100 hp<br>and over<br>(503.32) | Total<br>1 hp and<br>over<br>Original | Secs.<br>adj. (c) | Total<br>electric<br>motors |
|-------------|-------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------------|--------------------------------|---------------------------------------|-------------------|-----------------------------|
| 1973-74     | 224                                       | 22.5                                      | 14.2                                   | 10.8                                    | 1.53                                     | 0.93                           | 274                                   | ..                | 4,589                       |
| 1974-75     | <u>247</u>                                | <u>20.2</u>                               | <u>14.5</u>                            | <u>12.9</u>                             | <u>1.64</u>                              | <u>1.21</u>                    | <u>298</u>                            | ..                | <u>4,516</u>                |
| 1974-75 (a) | 247                                       | 20.2                                      | 14.5                                   | 12.9                                    | 1.64                                     | 1.21                           | 298                                   | ..                | 4,495                       |
| 1975-76     | 173                                       | 13.0                                      | 8.6                                    | 7.5                                     | 1.04                                     | 0.98                           | 204                                   | ..                | 4,078                       |
| 1975 -      |                                           |                                           |                                        |                                         |                                          |                                |                                       |                   |                             |
| May         | 14.2                                      | 1.46                                      | 0.76                                   | 1.07                                    | 0.13                                     | 0.11                           | 17.7                                  | 14.5              | 322                         |
| June        | <u>14.7</u>                               | <u>0.55</u>                               | <u>0.72</u>                            | <u>0.92</u>                             | <u>0.11</u>                              | <u>0.10</u>                    | <u>17.1</u>                           | <u>17.3</u>       | <u>312</u>                  |
| July (b)    | 10.1                                      | 0.83                                      | 1.09                                   | 3.86                                    | 0.16                                     | 0.12                           | 13.2                                  | 12.3              | 338                         |
| August      | 12.8                                      | 0.75                                      | 0.57                                   | 0.75                                    | 0.08                                     | 0.09                           | 15.1                                  | 14.6              | 343                         |
| September   | 16.1                                      | 2.56                                      | 0.70                                   | 0.80                                    | 0.10                                     | 0.10                           | 20.4                                  | 17.5              | 344                         |
| October     | 16.3                                      | 1.03                                      | 0.68                                   | 0.66                                    | 0.06                                     | 0.09                           | 18.8                                  | 15.7              | 411                         |
| November    | 15.0                                      | 1.15                                      | 0.92                                   | 0.54                                    | 0.10                                     | 0.08                           | 17.8                                  | 14.8              | 400                         |
| December    | 15.5                                      | 1.19                                      | 0.60                                   | 0.53                                    | 0.09                                     | 0.07                           | 18.0                                  | 19.2              | 338                         |
| 1976 -      |                                           |                                           |                                        |                                         |                                          |                                |                                       |                   |                             |
| January     | 8.9                                       | 0.27                                      | 0.20                                   | 0.23                                    | 0.04                                     | 0.05                           | 9.7                                   | 20.1              | 181                         |
| February    | 18.7                                      | 0.85                                      | 0.66                                   | 0.67                                    | 0.08                                     | 0.05                           | 21.2                                  | 21.8              | 354                         |
| March       | 17.6                                      | 1.29                                      | 0.97                                   | 0.68                                    | 0.09                                     | 0.10                           | 20.7                                  | 19.6              | 400                         |
| April       | 14.4                                      | 1.20                                      | 0.56                                   | 0.55                                    | 0.08                                     | 0.04                           | 16.8                                  | 20.4              | 310                         |
| May         | 13.3                                      | 0.74                                      | 0.76                                   | 0.72                                    | 0.09                                     | 0.99                           | 15.7                                  | 12.8              | 215                         |
| June        | 14.5                                      | 1.15                                      | 0.93                                   | 0.46                                    | 0.08                                     | 0.10                           | 17.2                                  | 17.4              | 346                         |

(a) Excludes the production of certain small producers. See explanatory notes on page 1. (b) Data for July 1975 and subsequent months exclude the production of certain small producers. See explanatory notes on page 1. (c) See note at top of page 1.

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NOTE: Inquiries concerning these statistics may be made in Canberra by telephoning Mr. Miro Chodora on 52 5558 or, in each State capital, by telephoning the office of the Australian Bureau of Statistics.

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