

## DEATHS, QUEENSLAND, 1988

- PHONE INQUIRIES** For more information about these statistics please contact Ron Casey on Brisbane (07) 222 6068.
- 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

- There were 18,803 deaths of usual residents of Queensland registered in Australia during 1988. This was marginally lower than the record annual total of 1987 when the deaths of 18,861 Queensland residents were registered.
- Deaths were recorded in 1988 for 10,597 males and 8,206 females. The masculinity ratio for deaths (male deaths per 100 female deaths) increased to 129.1 after steadily dropping from 138.4 in 1975 to a record low of 126.2 in 1987.
- The crude death rate (deaths per 1,000 mean estimated resident population) decreased from 7.05 in 1987 to 6.85 in 1988. The general trend for the crude death rate over the last 20 years has been a gradual but consistent decline.
- Deaths of infants aged under one year dropped from 366 in 1987 to 339 in 1988. The infant death rate has improved greatly over the last 20 years, falling from 20.4 in 1968 to a record low of 8.4 in 1988.
- Life expectancy at birth has continued to increase due to declining mortality rates. In 1988, life expectancy for Queensland residents at birth was estimated to be 73.3 years for males and 79.8 years for females. In comparison with 1978, life expectancy at birth has lengthened by 3.4 years for males and 2.7 years for females.

### NOTES

This publication contains annual statistics of the deaths of Queensland residents, supplementing those published in the national publication *Deaths* (Catalogue No. 3302.0). Similar publications are produced by most State Offices.

Explanatory Notes are located at the back of this publication.

**J.K. CORNISH**  
DEPUTY COMMONWEALTH STATISTICIAN

313 Adelaide Street  
BRISBANE Q 4000  
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TABLE 1 - DEATHS, QUEENSLAND

| Particulars                 | 1983          | 1984          | 1985          | 1986          | 1987          | 1988          |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>All deaths</i>           | <i>17,056</i> | <i>17,405</i> | <i>18,629</i> | <i>17,861</i> | <i>18,861</i> | <i>18,803</i> |
| Males                       | 9,725         | 9,767         | 10,443        | 10,006        | 10,522        | 10,597        |
| Females                     | 7,331         | 7,638         | 8,186         | 7,855         | 8,339         | 8,206         |
| <i>Crude death rate (a)</i> | <i>6.87</i>   | <i>6.89</i>   | <i>7.24</i>   | <i>6.81</i>   | <i>7.05</i>   | <i>6.85</i>   |
| Males                       | 7.79          | 7.69          | 8.07          | 7.58          | 7.82          | 7.69          |
| Females                     | 5.94          | 6.09          | 6.40          | 6.02          | 6.26          | 6.00          |
| <i>Infant deaths (b)</i>    |               |               |               |               |               |               |
| Number                      | 417           | 364           | 411           | 351           | 366           | 339           |
| Rate (c)                    | 9.91          | 9.00          | 10.16         | 8.69          | 9.30          | 8.36          |

(a) Number of deaths per 1,000 mean estimated resident population. (b) Deaths of children aged less than 1 year. (c) Number of deaths of children aged less than 1 year per 1,000 live births.

TABLE 2 - DEATHS: AGE AT DEATH BY SEX, QUEENSLAND

| Particulars                 | 1983  | 1984  | 1985   | 1986   | 1987   | 1988   |
|-----------------------------|-------|-------|--------|--------|--------|--------|
| Deaths by age (years)       |       |       |        |        |        |        |
| Males                       |       |       |        |        |        |        |
| 0-9                         | 335   | 286   | 330    | 276    | 291    | 266    |
| 10-19                       | 170   | 167   | 188    | 163    | 142    | 179    |
| 20-29                       | 333   | 289   | 347    | 311    | 305    | 318    |
| 30-39                       | 258   | 282   | 307    | 327    | 307    | 319    |
| 40-49                       | 440   | 463   | 468    | 490    | 466    | 450    |
| 50-59                       | 1,202 | 1,074 | 1,092  | 1,022  | 1,063  | 991    |
| 60-69                       | 2,191 | 2,202 | 2,252  | 2,234  | 2,308  | 2,377  |
| 70-79                       | 2,735 | 2,894 | 3,078  | 2,956  | 3,123  | 3,147  |
| 80 and over                 | 2,061 | 2,110 | 2,381  | 2,227  | 2,517  | 2,550  |
| Total                       | 9,725 | 9,767 | 10,443 | 10,006 | 10,522 | 10,597 |
| Females                     |       |       |        |        |        |        |
| 0-9                         | 212   | 208   | 224    | 204    | 208    | 222    |
| 10-19                       | 53    | 73    | 73     | 66     | 67     | 66     |
| 20-29                       | 128   | 96    | 117    | 124    | 123    | 106    |
| 30-39                       | 145   | 163   | 131    | 130    | 153    | 151    |
| 40-49                       | 253   | 255   | 260    | 271    | 268    | 266    |
| 50-59                       | 533   | 557   | 572    | 554    | 542    | 533    |
| 60-69                       | 1,180 | 1,188 | 1,159  | 1,146  | 1,108  | 1,168  |
| 70-79                       | 1,856 | 2,031 | 2,172  | 2,111  | 2,251  | 2,148  |
| 80 and over                 | 2,970 | 3,067 | 3,477  | 3,249  | 3,619  | 3,545  |
| Not stated                  | 1     | —     | 1      | —      | —      | 1      |
| Total                       | 7,331 | 7,638 | 8,186  | 7,855  | 8,339  | 8,206  |
| Median age at death (years) |       |       |        |        |        |        |
| Persons                     | 72.56 | 72.90 | 73.48  | 73.22  | 74.11  | 74.23  |
| Males                       | 69.76 | 70.42 | 70.81  | 70.64  | 71.38  | 71.47  |
| Females                     | 76.53 | 76.51 | 77.39  | 76.92  | 77.65  | 77.83  |

TABLE 3 - DEATHS: AGE AND MARITAL STATUS AT DEATH BY SEX, QUEENSLAND, 1988

| Age at death<br>(years) | Males            |         |         |          |            | Females          |         |         |          |           |
|-------------------------|------------------|---------|---------|----------|------------|------------------|---------|---------|----------|-----------|
|                         | Never<br>married | Married | Widowed | Divorced | Total      | Never<br>married | Married | Widowed | Divorced | Total     |
| Under 15                | 304              | —       | —       | —        | 304        | 248              | —       | —       | —        | 248       |
| 15-19                   | 141              | —       | —       | —        | 141        | 40               | —       | —       | —        | 40        |
| 20-24                   | 151              | 13      | 1       | —        | 165        | 46               | 9       | —       | 1        | 56        |
| 25-29                   | 100              | 48      | —       | 5        | 153        | 24               | 24      | —       | 2        | 50        |
| 30-34                   | 56               | 73      | 3       | 18       | 150        | 17               | 47      | 1       | 2        | 67        |
| 35-39                   | 51               | 92      | 2       | 24       | 169        | 17               | 58      | 3       | 6        | 84        |
| 40-44                   | 56               | 128     | 2       | 25       | 211        | 17               | 75      | 3       | 16       | 111       |
| 45-49                   | 34               | 161     | 8       | 36       | 239        | 10               | 118     | 10      | 17       | 155       |
| 50-54                   | 67               | 251     | 14      | 42       | 374        | 11               | 166     | 15      | 22       | 214       |
| 55-59                   | 101              | 408     | 29      | 79       | 617        | 28               | 225     | 47      | 19       | 319       |
| 60-64                   | 151              | 703     | 74      | 91       | 1,019      | 28               | 295     | 121     | 27       | 471       |
| 65-69                   | 185              | 951     | 139     | 83       | 1,358      | 48               | 377     | 233     | 39       | 697       |
| 70-74                   | 175              | 1,044   | 207     | 70       | 1,496      | 58               | 435     | 415     | 28       | 936       |
| 75-79                   | 187              | 1,050   | 354     | 60       | 1,651      | 99               | 404     | 684     | 25       | 1,212     |
| 80-84                   | 126              | 793     | 375     | 33       | (a) 1,328  | 115              | 302     | 884     | 36       | (a) 1,338 |
| 85-89                   | 76               | 376     | 330     | 14       | 796        | 95               | 166     | 879     | 12       | 1,152     |
| 90-94                   | 25               | 123     | 174     | 8        | 330        | 71               | 70      | 600     | 6        | 747       |
| 95 and over             | 7                | 27      | 60      | 2        | 96         | 31               | 25      | 248     | 4        | 308       |
| Not stated              | —                | —       | —       | —        | —          | 1                | —       | —       | —        | 1         |
| Total                   | 1,993            | 6,241   | 1,772   | 590      | (a) 10,597 | 1,004            | 2,796   | 4,143   | 262      | (a) 8,206 |

(a) Including 1 male and 1 female for whom marital status was not stated.

TABLE 4 - EXPECTATION OF LIFE AND LIFE TABLE DEATH RATES, QUEENSLAND

| Expectation of life<br>at exact age<br>(years) (a) | Males |       |       |       | Females |       |       |       |
|----------------------------------------------------|-------|-------|-------|-------|---------|-------|-------|-------|
|                                                    | 1978  | 1986  | 1987  | 1988  | 1978    | 1986  | 1987  | 1988  |
| 0                                                  | 69.95 | 72.99 | 72.95 | 73.30 | 77.11   | 79.37 | 79.36 | 79.79 |
| 1                                                  | 69.97 | 72.71 | 72.70 | 72.96 | 76.95   | 78.97 | 79.02 | 79.42 |
| 10                                                 | 61.26 | 63.95 | 63.98 | 64.23 | 68.26   | 70.19 | 70.21 | 70.69 |
| 20                                                 | 51.79 | 54.35 | 54.32 | 54.66 | 58.52   | 60.39 | 60.41 | 60.88 |
| 30                                                 | 42.67 | 45.04 | 44.99 | 45.36 | 48.86   | 50.71 | 50.72 | 51.15 |
| 40                                                 | 33.37 | 35.69 | 35.58 | 35.96 | 39.26   | 41.01 | 41.05 | 41.47 |
| 50                                                 | 24.70 | 26.66 | 26.49 | 26.78 | 30.09   | 31.68 | 31.72 | 32.08 |
| 60                                                 | 17.05 | 18.57 | 18.42 | 18.55 | 21.68   | 22.97 | 22.96 | 23.29 |
| 65                                                 | 13.75 | 15.08 | 14.88 | 15.03 | 17.81   | 18.83 | 18.78 | 19.15 |
| 70                                                 | 10.91 | 11.96 | 11.70 | 11.85 | 14.09   | 15.02 | 14.90 | 15.27 |
| 80                                                 | 6.38  | 6.96  | 6.69  | 6.83  | 7.89    | 8.55  | 8.46  | 8.65  |
| Life table death rate (a)                          | 14.30 | 13.70 | 13.71 | 13.64 | 12.97   | 12.60 | 12.60 | 12.53 |

(a) Based on annual life tables calculated by the Australian Statistician. Because of the method of calculation, these figures are subject to annual fluctuation which may not be indicative of a long-term trend.

TABLE 5 - DEATHS: NUMBERS, CRUDE RATES AND INFANT DEATHS IN STATISTICAL DIVISIONS, QUEENSLAND

| Statistical division<br>Statistical subdivision (a) | 1988          |               |                |                  |                 |                        |                      |
|-----------------------------------------------------|---------------|---------------|----------------|------------------|-----------------|------------------------|----------------------|
|                                                     | 1986          | 1987          | Male<br>deaths | Female<br>deaths | Total<br>deaths | Crude<br>death<br>rate | Infant<br>deaths (b) |
| <i>Brisbane</i>                                     | 8,170         | 8,598         | 4,586          | 3,992            | 8,578           | 6.9                    | 165                  |
| Brisbane City                                       | 5,983         | 6,278         | 3,258          | 3,063            | 6,321           | 8.5                    | 95                   |
| Albert Shire Part A                                 | 97            | 103           | 74             | 41               | 115             | 4.6                    | 4                    |
| Beaumont Shire Part A                               | 11            | 10            | 2              | —                | 2               | 0.4                    | —                    |
| Bonville Shire Part A                               | 161           | 185           | 113            | 67               | 180             | 5.2                    | 5                    |
| Ipswich City                                        | 531           | 553           | 293            | 242              | 535             | 7.1                    | 16                   |
| Logan City                                          | 379           | 353           | 256            | 151              | 407             | 3.0                    | 18                   |
| Morton Shire Part A                                 | 37            | 76            | 41             | 20               | 61              | 2.0                    | 3                    |
| Pine Rivers Shire Part A                            | 180           | 214           | 121            | 81               | 202             | 2.6                    | 7                    |
| Redcliffe City                                      | 432           | 515           | 243            | 184              | 427             | 9.1                    | 8                    |
| Redland Shire                                       | 359           | 311           | 185            | 143              | 328             | 4.7                    | 9                    |
| <i>Moreton</i>                                      | 2,896         | 3,082         | 1,890          | 1,282            | 3,172           | 7.1                    | 34                   |
| Wide Bay-Burnett                                    | 1,297         | 1,401         | 804            | 607              | 1,411           | 8.1                    | 28                   |
| Darling Downs                                       | 1,404         | 1,465         | 787            | 610              | 1,397           | 7.6                    | 29                   |
| South-West                                          | 232           | 203           | 132            | 86               | 218             | 7.6                    | 3                    |
| Fitzroy                                             | 945           | 997           | 517            | 391              | 908             | 5.6                    | 13                   |
| Central-West                                        | 113           | 89            | 60             | 33               | 93              | 6.9                    | 3                    |
| Mackay                                              | 506           | 569           | 314            | 208              | 522             | 4.9                    | 8                    |
| Northern                                            | 1,075         | 1,105         | 680            | 453              | 1,133           | 6.5                    | 23                   |
| Far North                                           | 1,057         | 1,152         | 692            | 461              | 1,153           | 6.7                    | 26                   |
| North-West                                          | 166           | 200           | 135            | 83               | 218             | 5.6                    | 7                    |
| <b>Total Queensland</b>                             | <b>17,861</b> | <b>18,861</b> | <b>10,597</b>  | <b>8,206</b>     | <b>18,803</b>   | <b>6.9</b>             | <b>339</b>           |

(a) Of usual residence of deceased or, for infant deaths, of usual residence of mother. (b) Included in total deaths.

TABLE 6 - INFANT DEATHS AND DEATH RATES: AGE AT DEATH BY SEX, QUEENSLAND, 1988

| Age at death                | Number |         |         | Infant death rate |         |         |
|-----------------------------|--------|---------|---------|-------------------|---------|---------|
|                             | Males  | Females | Persons | Males             | Females | Persons |
| Under 1 day                 | 79     | 58      | 137     | 3.8               | 2.9     | 3.4     |
| 1 day and under 7 days      | 21     | 25      | 46      | 1.0               | 1.3     | 1.1     |
| 1 week and under 4 weeks    | 19     | 21      | 40      | 0.9               | 1.1     | 1.0     |
| Total neonatal deaths       | 119    | 104     | 223     | 5.7               | 5.3     | 5.5     |
| 1 month and under 12 months | 68     | 48      | 116     | 3.3               | 2.4     | 2.9     |
| Total under 1 year          | 187    | 152     | 339     | 9.0               | 7.7     | 8.4     |

## EXPLANATORY NOTES

Registration of deaths is the responsibility of individual State and Territory registrars and is based on information supplied by a relative or another person acquainted with the deceased, but may be supplied by an official of the institution where the death occurred, and on information supplied by a medical practitioner as to the cause of death. This information is supplied to the ABS, by individual registrars, for compilation into the aggregate statistics in this publication.

## Coverage

2. The Queensland figures shown in this publication represent deaths of usual residents of Queensland, regardless of where in Australia the death occurred or was registered.

3. Deaths of persons normally resident in Queensland, which occurred overseas, are excluded from this publication. Deaths of persons usually resident overseas which occurred in Queensland are included with the Queensland figures.

## Exclusions

4. Figures in this publication do not include fetal deaths. Summary statistics for these are included in *Births* (Catalogue No. 3306.3).

## Definitions

5. Users requiring more detail than shown in this publication should refer to *Deaths, Australia* (Catalogue No. 3302.0) which contains detailed definitions of demographic terms.

## Australian Standard Geographical Classification

6. Table 5 provides certain deaths statistics for all statistical divisions and the 10 statistical subdivisions within the Brisbane Statistical Division, in accordance with the Australian Standard Geographical Classification (ASGC), Edition 6.

## Related Publications

7. Users may also wish to refer to the following publications which are available on request:

- Australian Demographic Statistics* (3101.0) - Quarterly (\$7.50)
- Deaths, Australia* (3302.0) - Latest issue: 1987 (\$7.50)
- Causes of Death* (3302.3) - Latest issue: 1987 (\$10.50)
- Demographic Summary* (3308.3) - Latest issue: 1987 (\$5.00)
- Demography: Small Area Summary* (3309.3) - Latest issue: 1987 (\$5.00)

8. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (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

9. The ABS can also make available certain statistics on deaths 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.

10. For further information on these unpublished statistics contact Ron Casey by telephoning Brisbane (07) 222 6068, or write to Information Services, Australian Bureau of Statistics, G.P.O. Box 9817, Brisbane, Q. 4001.

## Symbols and Other Usages

— Nil or less than half the final digit shown.

11. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

