

# 4 Incidence and mortality tables

## Guide to interpreting incidence and mortality tables

This section provides information to assist in the interpretation of the tables in this report. More detailed information on methods is given in Appendix B.

### Table features

- Tables are ordered according to the International Classification of Diseases
- All rates are presented per 100,000 population.
- Age-standardised rates are calculated by the 'direct method'. Age-standardised rates for Australia use both the total 1991 Australian population and the World Standard Population as the standard populations. Age-standardised rates for the States and Territories use only the total 1991 Australian population as the standard population. **Therefore, particular care should be taken not to compare these State and Territory rates with previous Cancer Series publications—*Cancer in Australia 1989–1990 (with Projections to 1995)*, *Cancer in Australia 1986–1988* or *Cancer in Australia 1983–1985*—where age-standardisation used the World Standard Population.**
- The person-years of life lost (PYLL) and lifetime risk estimates are for the ages 0–74.
- The confidence intervals used for crude and age-standardised rates are at the 95% level.
- The 'all cancers' incidence and mortality estimates exclude non-melanocytic skin cancers.
- In this publication the term 'cancer site' is used to represent cancers located in specific organs or tissues as well as systemic cancers such as leukaemia and lymphoma.
- In this publication the term 'melanoma' refers to melanoma of the skin only. Melanomas generally occur on the skin, but may also occur on the eye and mucous membranes (such as the vagina and nasal cavities).

### Comparison of rates

Care should be exercised when interpreting a comparison between incidence or mortality rates: for example, when comparing different cancers or when comparing the same cancer in different years. The confidence intervals indicate the likely range of fluctuation of each rate. Some fluctuations may be within expectations, while others may indicate a change in the patterns of cancer incidence or mortality. Where small annual numbers of cancer cases or deaths are presented in a table, a direct comparison may produce a false perception of dramatic changes over time and, in these instances, averages over a period of time should be used. In general, cancer incidence and mortality rates change relatively slowly over time,

although from year to year there may be marked fluctuations due to significant changes in diagnostic procedures or changes over the longer term may reflect changing exposures to risk factors.

## Combining rates

- Age-specific rates may be summed over cancer sites for a particular age and sex.
- Age-specific rates may not be summed across different ages or sexes, but should be recalculated from the raw data. However, if populations are similar, the crude rates for a 10-year age group will be approximated by the average of the two 5-year age-specific rates. For comparison within broader age groups, summary rates should be age-standardised.

## State and Territory data

Cancer incidence data are available to 1997 for all States and Territories, to 1998 for the Northern Territory, and to 1999 for Tasmania, South Australia and Western Australia.

The Australian data are presented as annual numbers and rates, while the data for each State and Territory are presented as average annual rates and numbers of cases and deaths based on the 5-year average 1993–1997. By presenting the data in this manner, natural statistical variation due to small numbers of cases or deaths within each State and Territory and cancer site are averaged across the period and provide a more stable and representative rate of incidence or mortality. Nonetheless, care should be taken in the interpretation of these rates, especially for less common cancers or for States and Territories with small populations.

All numbers of cases or deaths in the State and Territory tables are rounded to the nearest integer. Occasionally, the number of cases or deaths will be zero but a small corresponding rate will appear. This indicates that there were, on average, fewer than 0.5 cases or deaths per year over the 5-year period and, although the rounding process has made the entry zero, a rate can still be presented at one decimal point.

The data in this report will not correspond exactly to data published by the individual State and Territory cancer registries due to the 5-year annual averaging, the use of different standard populations for age-standardisation and the continual updating of data sets by the cancer registries.

In this report, State and Territory incidence and mortality rates have been directly age-standardised to the total estimated resident population of Australia at 30 June 1991. Care should be taken not to compare these State and Territory age-standardised rates with previous Cancer Series publications—*Cancer in Australia 1989–1990 (with Projections to 1995)*, *Cancer in Australia 1986–1988* or *Cancer in Australia 1983–1985*—where age-standardisation was done using the World Standard Population. However, the NCSCH is able to provide State and Territory rates that have been age-standardised to the World Standard Population on request or the registries can be contacted directly.

Cancer incidence estimates provided in this publication were made at September 2000. These estimates may be updated at any time as case details are added, modified or deleted in the national database. These modifications may occur several years after the initial diagnosis as additional case details are received by the State and Territory cancer registries from data suppliers and then passed to the NCSCH. This may have the impact of making incidence estimates for the same year incompatible between publications, but for the most part these changes are very small.



# **Summary tables 1997**



**Table 6: Incidence summary table, 1997**

| Australia 1997 |                                    | Males  |                        |                    |                       |                  | Females |                        |                    |                       |
|----------------|------------------------------------|--------|------------------------|--------------------|-----------------------|------------------|---------|------------------------|--------------------|-----------------------|
| ICD-9          | Cancer site                        | Number | AS Rate<br>(Aust 1991) | AS Rate<br>(World) | Cum. rate<br>per cent | Sex ratio<br>M:F | Number  | AS Rate<br>(Aust 1991) | AS Rate<br>(World) | Cum. rate<br>per cent |
| 140-208        | All cancers (excluding NMSC)       | 43,242 | 482.7                  | 346.7              | 41.1                  | 1.4              | 36,296  | 344.2                  | 267.1              | 29.7                  |
| 140            | Lip                                | 855    | 9.4                    | 7.1                | 0.8                   | 3.2              | 328     | 2.9                    | 2.1                | 0.2                   |
| 141            | Tongue                             | 280    | 3.0                    | 2.4                | 0.3                   | 1.9              | 166     | 1.6                    | 1.2                | 0.1                   |
| 142            | Salivary gland                     | 133    | 1.5                    | 1.1                | 0.1                   | 1.9              | 79      | 0.8                    | 0.6                | 0.1                   |
| 143            | Gum                                | 34     | 0.4                    | 0.3                | 0.0                   | 1.2              | 35      | 0.3                    | 0.2                | 0.0                   |
| 144            | Floor of mouth                     | 132    | 1.4                    | 1.2                | 0.1                   | 3.6              | 41      | 0.4                    | 0.3                | 0.0                   |
| 145            | Other mouth                        | 142    | 1.5                    | 1.2                | 0.1                   | 1.7              | 96      | 0.9                    | 0.7                | 0.1                   |
| 146            | Oropharynx                         | 180    | 1.9                    | 1.6                | 0.2                   | 3.7              | 54      | 0.5                    | 0.4                | 0.0                   |
| 147            | Nasopharynx                        | 68     | 0.7                    | 0.6                | 0.1                   | 2.6              | 26      | 0.3                    | 0.2                | 0.0                   |
| 148            | Hypopharynx                        | 135    | 1.5                    | 1.1                | 0.2                   | 6.0              | 25      | 0.2                    | 0.2                | 0.0                   |
| 149            | Other lip, oral cavity and pharynx | 56     | 0.6                    | 0.5                | 0.1                   | 4.7              | 14      | 0.1                    | 0.1                | 0.0                   |
| 141-149        | Head and neck                      | 1,160  | 12.5                   | 9.9                | 1.2                   | 2.4              | 536     | 5.1                    | 4.0                | 0.5                   |
| 150            | Oesophagus                         | 638    | 7.2                    | 5.0                | 0.6                   | 2.4              | 344     | 3.0                    | 2.0                | 0.2                   |
| 151            | Stomach                            | 1,193  | 13.4                   | 9.2                | 1.1                   | 2.1              | 726     | 6.5                    | 4.5                | 0.5                   |
| 152            | Small intestine                    | 115    | 1.3                    | 0.9                | 0.1                   | 1.6              | 80      | 0.8                    | 0.6                | 0.1                   |
| 153            | Colon                              | 3,694  | 41.4                   | 28.9               | 3.5                   | 1.3              | 3,515   | 31.9                   | 22.4               | 2.6                   |
| 154            | Rectum                             | 2,445  | 27.0                   | 19.9               | 2.5                   | 1.8              | 1,591   | 14.7                   | 10.8               | 1.3                   |
| 153-154        | Colorectal                         | 6,139  | 68.4                   | 48.8               | 6.0                   | 1.5              | 5,106   | 46.6                   | 33.2               | 3.9                   |
| 155            | Liver                              | 436    | 4.9                    | 3.6                | 0.5                   | 3.5              | 151     | 1.4                    | 1.0                | 0.1                   |
| 156            | Gallbladder                        | 267    | 3.0                    | 2.0                | 0.2                   | 1.0              | 327     | 3.0                    | 2.0                | 0.2                   |
| 157            | Pancreas                           | 821    | 9.2                    | 6.3                | 0.7                   | 1.2              | 844     | 7.4                    | 5.0                | 0.5                   |
| 158            | Peritoneum                         | 51     | 0.6                    | 0.5                | 0.1                   | 0.8              | 69      | 0.7                    | 0.5                | 0.1                   |
| 159            | Other digestive organs             | 48     | 0.6                    | 0.4                | 0.0                   | 1.3              | 51      | 0.4                    | 0.3                | 0.0                   |
| 160            | Nasal cavity                       | 82     | 0.9                    | 0.7                | 0.1                   | 1.9              | 52      | 0.5                    | 0.3                | 0.0                   |
| 161            | Larynx                             | 516    | 5.6                    | 4.3                | 0.6                   | 8.2              | 70      | 0.7                    | 0.5                | 0.1                   |
| 162            | Lung                               | 5,322  | 59.8                   | 41.3               | 5.2                   | 2.5              | 2,497   | 23.5                   | 17.3               | 2.2                   |
| 163            | Pleura                             | 382    | 4.3                    | 3.0                | 0.4                   | 6.2              | 75      | 0.7                    | 0.5                | 0.1                   |
| 164            | Other respiratory organs           | 35     | 0.4                    | 0.3                | 0.0                   | 1.4              | 28      | 0.3                    | 0.2                | 0.0                   |
| 170            | Bone                               | 111    | 1.2                    | 1.1                | 0.1                   | 1.7              | 70      | 0.7                    | 0.7                | 0.1                   |
| 171            | Connective tissue                  | 347    | 3.9                    | 3.1                | 0.3                   | 1.5              | 264     | 2.5                    | 2.1                | 0.2                   |
| 172            | Skin—melanoma                      | 4,649  | 50.1                   | 39.3               | 4.4                   | 1.4              | 3,717   | 37.0                   | 30.5               | 3.1                   |
| 173            | Skin—non-melanocytic (NMSC)*       |        |                        |                    |                       |                  |         |                        |                    |                       |
| 174-175        | Breast                             | 70     | 0.8                    | 0.5                | 0.1                   | <0.01            | 10,096  | 97.9                   | 80.2               | 9.1                   |
| 180            | Cervix                             |        |                        |                    |                       |                  | 795     | 8.0                    | 6.5                | 0.6                   |
| 181            | Placenta                           |        |                        |                    |                       |                  | 4       | 0.0                    | 0.0                | 0.0                   |
| 179+182        | Uterus                             |        |                        |                    |                       |                  | 1,395   | 13.5                   | 10.7               | 1.3                   |
| 183            | Ovary                              |        |                        |                    |                       |                  | 1,151   | 11.0                   | 8.8                | 1.0                   |
| 184            | Other female genital organs        |        |                        |                    |                       |                  | 302     | 2.7                    | 1.9                | 0.2                   |
| #              | Gynaecological                     |        |                        |                    |                       |                  | 3,643   | 35.2                   | 28.0               | 3.1                   |
| 185            | Prostate                           | 9,725  | 110.9                  | 74.5               | 9.4                   |                  |         |                        |                    |                       |
| 186            | Testis                             | 566    | 6.2                    | 5.4                | 0.4                   |                  |         |                        |                    |                       |
| 187            | Penis & other male genital organs  | 78     | 0.9                    | 0.6                | 0.1                   |                  |         |                        |                    |                       |
| 188            | Bladder                            | 1,986  | 22.6                   | 15.1               | 1.8                   | 3.6              | 695     | 6.2                    | 4.2                | 0.5                   |
| 189            | Kidney                             | 1,229  | 13.5                   | 10.2               | 1.2                   | 1.8              | 818     | 7.7                    | 5.8                | 0.6                   |
| 190            | Eye                                | 149    | 1.6                    | 1.3                | 0.1                   | 1.8              | 99      | 0.9                    | 0.8                | 0.1                   |
| 191            | Brain                              | 717    | 7.8                    | 6.6                | 0.7                   | 1.5              | 512     | 5.1                    | 4.3                | 0.4                   |
| 192            | Other nervous system               | 31     | 0.3                    | 0.3                | 0.0                   | 0.8              | 39      | 0.4                    | 0.4                | 0.0                   |
| 193            | Thyroid                            | 230    | 2.5                    | 2.1                | 0.2                   | 0.4              | 630     | 6.4                    | 5.5                | 0.5                   |
| 194            | Other endocrine                    | 47     | 0.5                    | 0.6                | 0.0                   | 1.3              | 37      | 0.4                    | 0.4                | 0.0                   |
| 195-199        | Unknown primary site               | 1,680  | 19.0                   | 12.9               | 1.4                   | 1.5              | 1,489   | 12.9                   | 8.6                | 0.9                   |
| 200+202        | Non-Hodgkin's lymphoma             | 1,687  | 18.6                   | 14.0               | 1.5                   | 1.4              | 1,450   | 13.5                   | 10.2               | 1.2                   |
| 201            | Hodgkin's disease                  | 208    | 2.3                    | 2.1                | 0.2                   | 1.1              | 191     | 2.1                    | 1.9                | 0.2                   |
| 200-202        | Lymphoma                           | 1,895  | 20.9                   | 16.1               | 1.7                   | 1.3              | 1,641   | 15.6                   | 12.1               | 1.3                   |
| 203            | Multiple myeloma                   | 498    | 5.6                    | 3.9                | 0.5                   | 1.5              | 408     | 3.7                    | 2.7                | 0.3                   |
| 204            | Lymphatic leukaemia                | 507    | 5.7                    | 4.6                | 0.4                   | 1.7              | 335     | 3.2                    | 3.0                | 0.3                   |
| 205            | Myeloid leukaemia                  | 583    | 6.5                    | 4.8                | 0.5                   | 1.5              | 448     | 4.2                    | 3.3                | 0.3                   |
| 206            | Monocytic leukaemia                | 8      | 0.1                    | 0.1                | 0.0                   | 0.9              | 11      | 0.1                    | 0.1                | 0.0                   |
| 207-208        | Other and unspecified leukaemia    | 76     | 0.9                    | 0.6                | 0.1                   | 1.8              | 56      | 0.5                    | 0.3                | 0.0                   |
| 204-208        | Leukaemia                          | 1,174  | 13.2                   | 10.0               | 1.0                   | 1.6              | 850     | 8.1                    | 6.7                | 0.6                   |
| #              | Alcohol-related                    | 366    | 3.9                    | 3.3                | 0.4                   | 1.2              | 322     | 3.2                    | 2.7                | 0.3                   |
| #              | Smoking-related                    | 7,763  | 86.3                   | 62.1               | 7.7                   | 3.4              | 2,628   | 25.2                   | 19.2               | 2.4                   |

Note: Rates are expressed per 100,000 population and age-standardised (AS Rate) to both the Australian 1991 Population Standard and the World Standard Population.

\* Non-melanocytic skin cancer incidence data are not routinely collected by State and Territory cancer registries.

# See Appendix A for ICD-9 codes.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 7: Mortality summary table, 1997**

| Australia 1997 |                                    | Males  |                        |                    |                   |                  | Females |                        |                    |                   |
|----------------|------------------------------------|--------|------------------------|--------------------|-------------------|------------------|---------|------------------------|--------------------|-------------------|
| ICD-9          | Cancer site                        | Number | AS Rate<br>(Aust 1991) | AS Rate<br>(World) | PYLL<br>(<75 yrs) | Sex ratio<br>M:F | Number  | AS Rate<br>(Aust 1991) | AS Rate<br>(World) | PYLL<br>(<75 yrs) |
| 140-208        | All cancers (excluding NMSC)       | 19,058 | 217.3                  | 145.1              | 139,948           | 1.6              | 14,908  | 133.9                  | 94.9               | 121,255           |
| 140            | Lip                                | 17     | 0.2                    | 0.1                | 190               | 7.7              | 3       | 0.0                    | 0.0                | 40                |
| 141            | Tongue                             | 97     | 1.1                    | 0.8                | 1,073             | 2.2              | 50      | 0.5                    | 0.3                | 503               |
| 142            | Salivary gland                     | 34     | 0.4                    | 0.2                | 255               | 3.2              | 15      | 0.1                    | 0.1                | 88                |
| 143            | Gum                                | 14     | 0.2                    | 0.1                | 103               | 3.4              | 6       | 0.0                    | 0.0                | 25                |
| 144            | Floor of mouth                     | 30     | 0.3                    | 0.3                | 360               | 1.9              | 20      | 0.2                    | 0.1                | 148               |
| 145            | Other mouth                        | 28     | 0.3                    | 0.2                | 250               | 1.6              | 23      | 0.2                    | 0.1                | 128               |
| 146            | Oropharynx                         | 97     | 1.1                    | 0.8                | 1,170             | 4.7              | 24      | 0.2                    | 0.2                | 113               |
| 147            | Nasopharynx                        | 45     | 0.5                    | 0.4                | 790               | 2.6              | 19      | 0.2                    | 0.1                | 245               |
| 148            | Hypopharynx                        | 68     | 0.7                    | 0.5                | 620               | 6.4              | 11      | 0.1                    | 0.1                | 78                |
| 149            | Other lip, oral cavity and pharynx | 22     | 0.2                    | 0.2                | 180               | 3.6              | 8       | 0.1                    | 0.0                | 20                |
| 141-149        | Head and neck                      | 435    | 4.8                    | 3.6                | 4,800             | 3.0              | 176     | 1.6                    | 1.2                | 1,345             |
| 150            | Oesophagus                         | 652    | 7.3                    | 5.1                | 5,305             | 3.0              | 292     | 2.4                    | 1.6                | 1,133             |
| 151            | Stomach                            | 768    | 8.8                    | 5.7                | 5,285             | 2.1              | 476     | 4.1                    | 2.8                | 2,908             |
| 152            | Small intestine                    | 33     | 0.4                    | 0.3                | 273               | 1.2              | 35      | 0.3                    | 0.2                | 293               |
| 153            | Colon                              | 1,869  | 21.2                   | 14.3               | 13,343            | 1.5              | 1,662   | 14.6                   | 10.0               | 9,985             |
| 154            | Rectum                             | 675    | 7.6                    | 5.3                | 5,158             | 1.8              | 472     | 4.1                    | 2.9                | 3,088             |
| 153-154        | Colorectal                         | 2,544  | 28.8                   | 19.6               | 18,500            | 1.5              | 2,134   | 18.7                   | 12.8               | 13,073            |
| 155            | Liver                              | 446    | 5.0                    | 3.6                | 3,970             | 2.6              | 210     | 1.9                    | 1.3                | 1,350             |
| 156            | Gallbladder                        | 131    | 1.5                    | 0.9                | 655               | 0.8              | 219     | 2.0                    | 1.3                | 1,218             |
| 157            | Pancreas                           | 773    | 8.8                    | 5.8                | 5,225             | 1.2              | 830     | 7.2                    | 4.7                | 4,025             |
| 158            | Peritoneum                         | 25     | 0.3                    | 0.2                | 203               | 0.8              | 37      | 0.3                    | 0.2                | 220               |
| 159            | Other digestive organs             | 123    | 1.4                    | 0.9                | 655               | 1.2              | 146     | 1.2                    | 0.8                | 733               |
| 160            | Nasal cavity                       | 24     | 0.3                    | 0.2                | 185               | 5.2              | 7       | 0.1                    | 0.0                | 8                 |
| 161            | Larynx                             | 223    | 2.5                    | 1.8                | 1,868             | 7.9              | 35      | 0.3                    | 0.2                | 215               |
| 162            | Lung                               | 4,615  | 52.2                   | 35.3               | 29,773            | 2.7              | 2,068   | 19.2                   | 13.7               | 14,805            |
| 163            | Pleura                             | 219    | 2.5                    | 1.7                | 1,575             | 6.3              | 44      | 0.4                    | 0.3                | 425               |
| 164            | Other respiratory organs           | 23     | 0.3                    | 0.2                | 360               | 1.5              | 18      | 0.2                    | 0.1                | 240               |
| 170            | Bone                               | 67     | 0.8                    | 0.6                | 1,863             | 2.5              | 31      | 0.3                    | 0.2                | 673               |
| 171            | Connective tissue                  | 113    | 1.3                    | 1.0                | 1,760             | 1.3              | 98      | 0.9                    | 0.8                | 1,570             |
| 172            | Skin—melanoma                      | 580    | 6.4                    | 4.6                | 6,690             | 2.1              | 330     | 3.1                    | 2.3                | 4,438             |
| 173            | Skin—non-melanocytic (NMSC)        | 227    | 2.7                    | 1.7                | 1,185             | 3.6              | 97      | 0.7                    | 0.4                | 285               |
| 174-175        | Breast                             | 16     | 0.2                    | 0.1                | 55                | <0.01            | 2,596   | 24.2                   | 18.6               | 31,453            |
| 180            | Cervix                             |        |                        |                    |                   |                  | 291     | 2.7                    | 2.0                | 3,693             |
| 181            | Placenta                           |        |                        |                    |                   |                  | 1       | 0.0                    | 0.0                | 43                |
| 179+182        | Uterus                             |        |                        |                    |                   |                  | 271     | 2.4                    | 1.6                | 1,605             |
| 183            | Ovary                              |        |                        |                    |                   |                  | 740     | 6.8                    | 4.9                | 6,233             |
| 184            | Other female genital organs        |        |                        |                    |                   |                  | 81      | 0.7                    | 0.4                | 243               |
| #              | Gynaecological                     |        |                        |                    |                   |                  | 1,383   | 12.5                   | 9.0                | 11,773            |
| 185            | Prostate                           | 2,449  | 29.4                   | 16.5               | 6,008             |                  |         |                        |                    |                   |
| 186            | Testis                             | 23     | 0.2                    | 0.2                | 620               |                  |         |                        |                    |                   |
| 187            | Penis & other male genital organs  | 10     | 0.1                    | 0.1                | 93                |                  |         |                        |                    |                   |
| 188            | Bladder                            | 554    | 6.5                    | 4.0                | 2,398             | 3.2              | 253     | 2.1                    | 1.3                | 793               |
| 189            | Kidney                             | 467    | 5.2                    | 3.7                | 3,913             | 1.8              | 329     | 2.8                    | 1.8                | 1,548             |
| 190            | Eye                                | 21     | 0.2                    | 0.2                | 195               | 1.7              | 16      | 0.1                    | 0.1                | 145               |
| 191            | Brain                              | 592    | 6.4                    | 5.1                | 9,415             | 1.5              | 442     | 4.3                    | 3.5                | 7,350             |
| 192            | Other nervous system               | 13     | 0.1                    | 0.1                | 200               | 1.6              | 10      | 0.1                    | 0.1                | 125               |
| 193            | Thyroid                            | 34     | 0.4                    | 0.3                | 268               | 1.2              | 37      | 0.3                    | 0.2                | 248               |
| 194            | Other endocrine                    | 27     | 0.3                    | 0.3                | 1,050             | 1.3              | 23      | 0.2                    | 0.2                | 778               |
| 195-199        | Unknown primary site               | 1,171  | 13.4                   | 8.7                | 7,998             | 1.4              | 1,084   | 9.2                    | 6.0                | 5,855             |
| 200+202        | Non-Hodgkin's lymphoma             | 815    | 9.2                    | 6.3                | 7,918             | 1.4              | 725     | 6.4                    | 4.4                | 4,995             |
| 201            | Hodgkin's disease                  | 49     | 0.5                    | 0.4                | 755               | 2.5              | 24      | 0.2                    | 0.1                | 203               |
| 200-202        | Lymphoma                           | 864    | 9.8                    | 6.7                | 8,673             | 1.5              | 749     | 6.7                    | 4.5                | 5,198             |
| 203            | Multiple myeloma                   | 320    | 3.7                    | 2.4                | 1,955             | 1.5              | 268     | 2.4                    | 1.6                | 1,415             |
| 204            | Lymphatic leukaemia                | 225    | 2.6                    | 1.8                | 3,033             | 1.9              | 159     | 1.4                    | 1.1                | 2,293             |
| 205            | Myeloid leukaemia                  | 432    | 4.9                    | 3.4                | 4,670             | 1.6              | 342     | 3.1                    | 2.2                | 3,288             |
| 206            | Monocytic leukaemia                | 5      | 0.1                    | 0.0                | 8                 | 1.0              | 7       | 0.1                    | 0.0                | 60                |
| 207-208        | Other and unspecified leukaemia    | 24     | 0.3                    | 0.2                | 268               | 1.7              | 20      | 0.2                    | 0.1                | 188               |
| 204-208        | Leukaemia                          | 686    | 7.9                    | 5.4                | 7,978             | 1.7              | 528     | 4.7                    | 3.5                | 5,828             |
| #              | Alcohol-related                    | 217    | 2.3                    | 1.9                | 2,699             | 2.4              | 101     | 1.0                    | 0.8                | 1,232             |
| #              | Smoking-related                    | 5,149  | 58.1                   | 39.9               | 36,455            | 3.5              | 1,760   | 16.5                   | 12.1               | 14,208            |

Note: Rates are expressed per 100,000 population and age-standardised (AS Rate) to both the Australian 1991 Population Standard and the World Standard Population.

# See Appendix A for ICD-9 codes.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

# Tables for selected cancers 1997

- Tables of new cases, deaths, incidence and mortality rates for Australia and the States and Territories for selected cancers.
- Tables for other cancer sites can be found on the Institute's web site at <http://www.aihw.gov.au> or can be requested in hard copy from the Institute.

**Table 8: All cancers (excluding non-melanocytic skin cancer) (ICD 140–172, 174–208)**

**Australia 1997**

| Age group    | Incidence     |         |               |         |               |         | Mortality     |         |               |         |               |         |
|--------------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|
|              | Males         |         | Females       |         | Persons       |         | Males         |         | Females       |         | Persons       |         |
|              | Number        | Rate    | Number        | Rate    | Number        | Rate    | Number        | Rate    | Number        | Rate    | Number        | Rate    |
| 0–4          | 144           | 21.7    | 131           | 20.8    | 275           | 21.3    | 31            | 4.7     | 14            | 2.2     | 45            | 3.5     |
| 5–9          | 87            | 12.9    | 45            | 7.0     | 132           | 10.0    | 24            | 3.6     | 30            | 4.7     | 54            | 4.1     |
| 10–14        | 93            | 13.8    | 76            | 11.9    | 169           | 12.9    | 21            | 3.1     | 17            | 2.7     | 38            | 2.9     |
| 15–19        | 160           | 24.1    | 144           | 22.8    | 304           | 23.5    | 34            | 5.1     | 26            | 4.1     | 60            | 4.6     |
| 20–24        | 295           | 42.3    | 272           | 40.3    | 567           | 41.3    | 43            | 6.2     | 26            | 3.9     | 69            | 5.0     |
| 25–29        | 460           | 63.2    | 517           | 71.3    | 977           | 67.3    | 67            | 9.2     | 56            | 7.7     | 123           | 8.5     |
| 30–34        | 578           | 81.4    | 784           | 109.8   | 1,362         | 95.6    | 86            | 12.1    | 118           | 16.5    | 204           | 14.3    |
| 35–39        | 761           | 103.2   | 1,258         | 169.8   | 2,019         | 136.6   | 134           | 18.2    | 217           | 29.3    | 351           | 23.7    |
| 40–44        | 1,079         | 156.7   | 1,828         | 264.1   | 2,907         | 210.6   | 273           | 39.7    | 349           | 50.4    | 622           | 45.1    |
| 45–49        | 1,710         | 263.2   | 2,659         | 415.4   | 4,369         | 338.8   | 502           | 77.3    | 600           | 93.7    | 1,102         | 85.4    |
| 50–54        | 2,545         | 456.5   | 3,169         | 591.0   | 5,714         | 522.5   | 878           | 157.5   | 828           | 154.4   | 1,706         | 156.0   |
| 55–59        | 3,587         | 828.7   | 3,106         | 739.9   | 6,693         | 785.0   | 1,255         | 290.0   | 1,003         | 238.9   | 2,258         | 264.8   |
| 60–64        | 4,962         | 1,376.9 | 3,407         | 938.9   | 8,369         | 1,157.2 | 1,958         | 543.3   | 1,240         | 341.7   | 3,198         | 442.2   |
| 65–69        | 6,801         | 2,020.9 | 4,136         | 1,175.9 | 10,937        | 1,589.1 | 2,803         | 832.9   | 1,777         | 505.2   | 4,580         | 665.5   |
| 70–74        | 7,721         | 2,746.8 | 4,476         | 1,363.3 | 12,197        | 2,001.5 | 3,520         | 1,252.3 | 2,251         | 685.6   | 5,771         | 947.0   |
| 75–79        | 5,945         | 3,131.2 | 4,258         | 1,665.1 | 10,203        | 2,289.8 | 3,175         | 1,672.3 | 2,204         | 861.9   | 5,379         | 1,207.2 |
| 80–84        | 3,914         | 3,607.5 | 3,228         | 1,803.7 | 7,142         | 2,484.5 | 2,435         | 2,244.3 | 1,984         | 1,108.6 | 4,419         | 1,537.3 |
| 85 and over  | 2,400         | 3,750.7 | 2,802         | 1,879.1 | 5,202         | 2,441.1 | 1,819         | 2,842.7 | 2,168         | 1,453.9 | 3,987         | 1,871.0 |
| <b>Total</b> | <b>43,242</b> |         | <b>36,296</b> |         | <b>79,538</b> |         | <b>19,058</b> |         | <b>14,908</b> |         | <b>33,966</b> |         |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |               |               |               |               |               |               |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Crude rate              | 469.3         | 389.9         | 429.4         | 206.8         | 160.1         | 183.4         |
| 95% CI                  | 464.9 – 473.7 | 385.9 – 393.9 | 426.4 – 432.4 | 203.9 – 209.8 | 157.6 – 162.7 | 181.4 – 185.3 |
| AS Rate (Aust 1991)     | 482.7         | 344.2         | 402.7         | 217.3         | 133.9         | 169.1         |
| 95% CI                  | 478.1 – 487.3 | 340.6 – 347.8 | 399.9 – 405.5 | 214.2 – 220.4 | 131.7 – 136.1 | 167.3 – 170.9 |
| AS Rate (World)         | 346.7         | 267.1         | 301.4         | 145.1         | 94.9          | 116.8         |
| 95% CI                  | 343.4 – 350.1 | 264.2 – 270.1 | 299.2 – 303.7 | 143.0 – 147.3 | 93.2 – 96.6   | 115.5 – 118.1 |
| Lifetime risk (0–74)    | 1 in 3        | 1 in 4        | 1 in 3        | 1 in 7        | 1 in 10       | 1 in 8        |
| PYLL (0–74)             |               |               |               | 139,948       | 121,255       | 261,203       |
| Per cent of all cancers | 100.0         | 100.0         | 100.0         | 100.0         | 100.0         | 100.0         |

**Average annual numbers and rates by State and Territory 1993–1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 14,854    | 487.5   | 11,761  | 333.4   | 26,615  | 402.4   | 6,444     | 216.2   | 4,983   | 133.3   | 11,427  | 170.0   |
| Vic | 10,625    | 491.4   | 8,935   | 342.6   | 19,560  | 404.1   | 4,916     | 231.9   | 3,988   | 144.2   | 8,903   | 180.8   |
| Qld | 8,003     | 535.3   | 6,208   | 361.5   | 14,211  | 437.5   | 3,329     | 229.6   | 2,340   | 131.9   | 5,670   | 174.4   |
| WA  | 3,763     | 503.1   | 2,946   | 334.0   | 6,709   | 406.8   | 1,626     | 226.0   | 1,248   | 138.1   | 2,874   | 175.3   |
| SA  | 3,864     | 507.1   | 3,073   | 339.5   | 6,937   | 408.8   | 1,690     | 224.5   | 1,320   | 135.8   | 3,010   | 172.1   |
| Tas | 1,225     | 529.5   | 954     | 351.7   | 2,179   | 425.7   | 558       | 245.3   | 429     | 149.4   | 987     | 189.1   |
| ACT | 490       | 486.5   | 426     | 328.5   | 916     | 395.3   | 225       | 249.8   | 188     | 156.5   | 414     | 194.3   |
| NT  | 195       | 441.4   | 155     | 330.4   | 350     | 387.3   | 89        | 237.3   | 61      | 177.0   | 150     | 208.5   |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 9: Cancer of the stomach (ICD 151)**

**Australia 1997**

| Age group    | Incidence    |       |            |      |              |      | Mortality  |       |            |      |              |      |
|--------------|--------------|-------|------------|------|--------------|------|------------|-------|------------|------|--------------|------|
|              | Males        |       | Females    |      | Persons      |      | Males      |       | Females    |      | Persons      |      |
|              | Number       | Rate  | Number     | Rate | Number       | Rate | Number     | Rate  | Number     | Rate | Number       | Rate |
| 0-4          | 0            | 0.0   | 0          | 0.0  | 0            | 0.0  | 0          | 0.0   | 0          | 0.0  | 0            | 0.0  |
| 5-9          | 0            | 0.0   | 0          | 0.0  | 0            | 0.0  | 0          | 0.0   | 0          | 0.0  | 0            | 0.0  |
| 10-14        | 0            | 0.0   | 0          | 0.0  | 0            | 0.0  | 0          | 0.0   | 0          | 0.0  | 0            | 0.0  |
| 15-19        | 0            | 0.0   | 1          | 0.2  | 1            | 0.1  | 0          | 0.0   | 0          | 0.0  | 0            | 0.0  |
| 20-24        | 3            | 0.4   | 0          | 0.0  | 3            | 0.2  | 1          | 0.1   | 1          | 0.1  | 2            | 0.1  |
| 25-29        | 4            | 0.5   | 6          | 0.8  | 10           | 0.7  | 2          | 0.3   | 1          | 0.1  | 3            | 0.2  |
| 30-34        | 6            | 0.8   | 7          | 1.0  | 13           | 0.9  | 4          | 0.6   | 3          | 0.4  | 7            | 0.5  |
| 35-39        | 11           | 1.5   | 6          | 0.8  | 17           | 1.2  | 4          | 0.5   | 2          | 0.3  | 6            | 0.4  |
| 40-44        | 29           | 4.2   | 13         | 1.9  | 42           | 3.0  | 16         | 2.3   | 8          | 1.2  | 24           | 1.7  |
| 45-49        | 43           | 6.6   | 31         | 4.8  | 74           | 5.7  | 19         | 2.9   | 21         | 3.3  | 40           | 3.1  |
| 50-54        | 72           | 12.9  | 38         | 7.1  | 110          | 10.1 | 39         | 7.0   | 15         | 2.8  | 54           | 4.9  |
| 55-59        | 87           | 20.1  | 39         | 9.3  | 126          | 14.8 | 47         | 10.9  | 23         | 5.5  | 70           | 8.2  |
| 60-64        | 135          | 37.5  | 71         | 19.6 | 206          | 28.5 | 79         | 21.9  | 33         | 9.1  | 112          | 15.5 |
| 65-69        | 177          | 52.6  | 86         | 24.5 | 263          | 38.2 | 101        | 30.0  | 58         | 16.5 | 159          | 23.1 |
| 70-74        | 224          | 79.7  | 100        | 30.5 | 324          | 53.2 | 132        | 47.0  | 72         | 21.9 | 204          | 33.5 |
| 75-79        | 178          | 93.8  | 105        | 41.1 | 283          | 63.5 | 134        | 70.6  | 68         | 26.6 | 202          | 45.3 |
| 80-84        | 139          | 128.1 | 106        | 59.2 | 245          | 85.2 | 124        | 114.3 | 68         | 38.0 | 192          | 66.8 |
| 85 and over  | 85           | 132.8 | 117        | 78.5 | 202          | 94.8 | 66         | 103.1 | 103        | 69.1 | 169          | 79.3 |
| <b>Total</b> | <b>1,193</b> |       | <b>726</b> |      | <b>1,919</b> |      | <b>768</b> |       | <b>476</b> |      | <b>1,244</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |            |           |           |           |
|-------------------------|-------------|-----------|------------|-----------|-----------|-----------|
| Crude rate              | 12.9        | 7.8       | 10.4       | 8.3       | 5.1       | 6.7       |
| 95% CI                  | 12.2 – 13.7 | 7.2 – 8.4 | 9.9 – 10.8 | 7.7 – 8.9 | 4.7 – 5.6 | 6.3 – 7.1 |
| AS Rate (Aust 1991)     | 13.4        | 6.5       | 9.6        | 8.8       | 4.1       | 6.2       |
| 95% CI                  | 12.7 – 14.2 | 6.0 – 7.0 | 9.2 – 10.0 | 8.1 – 9.4 | 3.7 – 4.5 | 5.8 – 6.5 |
| AS Rate (World)         | 9.2         | 4.5       | 6.7        | 5.7       | 2.8       | 4.1       |
| 95% CI                  | 8.7 – 9.8   | 4.2 – 4.9 | 6.4 – 7.0  | 5.3 – 6.1 | 2.5 – 3.1 | 3.9 – 4.4 |
| Lifetime risk (0-74)    | 1 in 93     | 1 in 200  | 1 in 128   | 1 in 162  | 1 in 327  | 1 in 220  |
| PYLL (0-74)             |             |           |            | 5,285     | 2,908     | 8,193     |
| Per cent of all cancers | 2.8         | 2.0       | 2.4        | 4.0       | 3.2       | 3.7       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 418       | 13.8    | 222     | 5.9     | 640     | 9.5     | 257       | 8.6     | 145     | 3.7     | 402     | 5.9     |
| Vic | 329       | 15.3    | 182     | 6.5     | 511     | 10.4    | 216       | 10.2    | 130     | 4.5     | 346     | 7.0     |
| Qld | 200       | 13.7    | 111     | 6.1     | 311     | 9.6     | 132       | 9.2     | 71      | 3.8     | 203     | 6.2     |
| WA  | 110       | 14.9    | 60      | 6.6     | 170     | 10.4    | 70        | 9.6     | 44      | 4.8     | 114     | 7.0     |
| SA  | 105       | 13.8    | 60      | 6.1     | 165     | 9.4     | 75        | 10.0    | 50      | 5.0     | 125     | 7.1     |
| Tas | 36        | 15.8    | 21      | 7.0     | 57      | 10.8    | 29        | 12.9    | 16      | 5.3     | 45      | 8.6     |
| ACT | 13        | 13.1    | 8       | 6.9     | 21      | 9.6     | 9         | 11.0    | 6       | 4.7     | 15      | 7.2     |
| NT  | 4         | 13.0    | 1       | 4.2     | 6       | 8.4     | 2         | 3.1     | 2       | 5.5     | 4       | 4.3     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 10: Cancer of the colon and rectum (ICD 153–154)**

**Australia 1997**

| Age group    | Incidence    |       |              |       |               |       | Mortality    |       |              |       |              |       |
|--------------|--------------|-------|--------------|-------|---------------|-------|--------------|-------|--------------|-------|--------------|-------|
|              | Males        |       | Females      |       | Persons       |       | Males        |       | Females      |       | Persons      |       |
|              | Number       | Rate  | Number       | Rate  | Number        | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  |
| 0–4          | 0            | 0.0   | 0            | 0.0   | 0             | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 5–9          | 0            | 0.0   | 0            | 0.0   | 0             | 0.0   | 1            | 0.1   | 0            | 0.0   | 1            | 0.1   |
| 10–14        | 2            | 0.3   | 2            | 0.3   | 4             | 0.3   | 0            | 0.0   | 1            | 0.2   | 1            | 0.1   |
| 15–19        | 2            | 0.3   | 2            | 0.3   | 4             | 0.3   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 20–24        | 8            | 1.1   | 6            | 0.9   | 14            | 1.0   | 2            | 0.3   | 2            | 0.3   | 4            | 0.3   |
| 25–29        | 8            | 1.1   | 8            | 1.1   | 16            | 1.1   | 4            | 0.5   | 3            | 0.4   | 7            | 0.5   |
| 30–34        | 22           | 3.1   | 34           | 4.8   | 56            | 3.9   | 5            | 0.7   | 6            | 0.8   | 11           | 0.8   |
| 35–39        | 47           | 6.4   | 59           | 8.0   | 106           | 7.2   | 13           | 1.8   | 14           | 1.9   | 27           | 1.8   |
| 40–44        | 109          | 15.8  | 121          | 17.5  | 230           | 16.7  | 32           | 4.6   | 24           | 3.5   | 56           | 4.1   |
| 45–49        | 230          | 35.4  | 209          | 32.7  | 439           | 34.0  | 77           | 11.9  | 53           | 8.3   | 130          | 10.1  |
| 50–54        | 415          | 74.4  | 302          | 56.3  | 717           | 65.6  | 127          | 22.8  | 98           | 18.3  | 225          | 20.6  |
| 55–59        | 600          | 138.6 | 410          | 97.7  | 1,010         | 118.5 | 206          | 47.6  | 147          | 35.0  | 353          | 41.4  |
| 60–64        | 798          | 221.4 | 456          | 125.7 | 1,254         | 173.4 | 302          | 83.8  | 187          | 51.5  | 489          | 67.6  |
| 65–69        | 1,049        | 311.7 | 687          | 195.3 | 1,736         | 252.2 | 381          | 113.2 | 241          | 68.5  | 622          | 90.4  |
| 70–74        | 1,081        | 384.6 | 775          | 236.1 | 1,856         | 304.6 | 474          | 168.6 | 329          | 100.2 | 803          | 131.8 |
| 75–79        | 862          | 454.0 | 819          | 320.3 | 1,681         | 377.3 | 420          | 221.2 | 312          | 122.0 | 732          | 164.3 |
| 80–84        | 586          | 540.1 | 643          | 359.3 | 1,229         | 427.5 | 273          | 251.6 | 318          | 177.7 | 591          | 205.6 |
| 85 and over  | 320          | 500.1 | 573          | 384.3 | 893           | 419.1 | 227          | 354.8 | 399          | 267.6 | 626          | 293.8 |
| <b>Total</b> | <b>6,139</b> |       | <b>5,106</b> |       | <b>11,245</b> |       | <b>2,544</b> |       | <b>2,134</b> |       | <b>4,678</b> |       |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Crude rate              | 66.6        | 54.8        | 60.7        | 27.6        | 22.9        | 25.3        |
| 95% CI                  | 65.0 – 68.3 | 53.3 – 56.3 | 59.6 – 61.8 | 26.5 – 28.7 | 21.9 – 23.9 | 24.5 – 26.0 |
| AS Rate (Aust 1991)     | 68.4        | 46.6        | 56.6        | 28.8        | 18.7        | 23.2        |
| 95% CI                  | 66.7 – 70.1 | 45.3 – 47.9 | 55.5 – 57.6 | 27.7 – 30.0 | 17.9 – 19.5 | 22.6 – 23.9 |
| AS Rate (World)         | 48.8        | 33.2        | 40.5        | 19.6        | 12.8        | 16.0        |
| 95% CI                  | 47.5 – 50.0 | 32.2 – 34.2 | 39.8 – 41.3 | 18.8 – 20.4 | 12.2 – 13.4 | 15.5 – 16.4 |
| Lifetime risk (0–74)    | 1 in 17     | 1 in 26     | 1 in 21     | 1 in 44     | 1 in 70     | 1 in 55     |
| PYLL (0–74)             |             |             |             | 18,500      | 13,073      | 31,573      |
| Per cent of all cancers | 14.2        | 14.1        | 14.1        | 13.3        | 14.3        | 13.8        |

**Average annual numbers and rates by State and Territory 1993–1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 2,002     | 65.4    | 1,645   | 44.6    | 3,647   | 54.7    | 818       | 27.4    | 693     | 18.0    | 1,511   | 22.4    |
| Vic | 1,501     | 69.3    | 1,289   | 47.3    | 2,790   | 57.2    | 666       | 31.2    | 607     | 21.1    | 1,273   | 25.7    |
| Qld | 1,058     | 70.8    | 872     | 49.9    | 1,931   | 59.6    | 421       | 28.9    | 341     | 19.0    | 762     | 23.5    |
| WA  | 483       | 64.8    | 388     | 43.4    | 871     | 53.1    | 210       | 28.9    | 175     | 19.0    | 385     | 23.5    |
| SA  | 518       | 67.6    | 469     | 48.5    | 987     | 57.1    | 219       | 28.8    | 191     | 19.0    | 410     | 23.3    |
| Tas | 155       | 66.3    | 143     | 50.5    | 298     | 57.8    | 78        | 33.8    | 72      | 24.4    | 150     | 28.7    |
| ACT | 65        | 64.0    | 54      | 45.1    | 119     | 54.1    | 34        | 36.6    | 27      | 23.3    | 62      | 29.3    |
| NT  | 23        | 54.8    | 15      | 43.4    | 37      | 50.2    | 10        | 24.7    | 7       | 24.0    | 17      | 25.1    |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 11: Cancer of the pancreas (ICD 157)**

**Australia 1997**

| Age group    | Incidence  |      |            |      |              |      | Mortality  |      |            |       |              |      |
|--------------|------------|------|------------|------|--------------|------|------------|------|------------|-------|--------------|------|
|              | Males      |      | Females    |      | Persons      |      | Males      |      | Females    |       | Persons      |      |
|              | Number     | Rate | Number     | Rate | Number       | Rate | Number     | Rate | Number     | Rate  | Number       | Rate |
| 0-4          | 0          | 0.0  | 0          | 0.0  | 0            | 0.0  | 0          | 0.0  | 0          | 0.0   | 0            | 0.0  |
| 5-9          | 0          | 0.0  | 0          | 0.0  | 0            | 0.0  | 0          | 0.0  | 0          | 0.0   | 0            | 0.0  |
| 10-14        | 0          | 0.0  | 0          | 0.0  | 0            | 0.0  | 0          | 0.0  | 0          | 0.0   | 0            | 0.0  |
| 15-19        | 0          | 0.0  | 2          | 0.3  | 2            | 0.2  | 0          | 0.0  | 0          | 0.0   | 0            | 0.0  |
| 20-24        | 0          | 0.0  | 1          | 0.1  | 1            | 0.1  | 0          | 0.0  | 0          | 0.0   | 0            | 0.0  |
| 25-29        | 1          | 0.1  | 0          | 0.0  | 1            | 0.1  | 2          | 0.3  | 0          | 0.0   | 2            | 0.1  |
| 30-34        | 6          | 0.8  | 1          | 0.1  | 7            | 0.5  | 2          | 0.3  | 1          | 0.1   | 3            | 0.2  |
| 35-39        | 2          | 0.3  | 4          | 0.5  | 6            | 0.4  | 5          | 0.7  | 9          | 1.2   | 14           | 0.9  |
| 40-44        | 14         | 2.0  | 8          | 1.2  | 22           | 1.6  | 11         | 1.6  | 5          | 0.7   | 16           | 1.2  |
| 45-49        | 35         | 5.4  | 16         | 2.5  | 51           | 4.0  | 18         | 2.8  | 14         | 2.2   | 32           | 2.5  |
| 50-54        | 41         | 7.4  | 39         | 7.3  | 80           | 7.3  | 32         | 5.7  | 27         | 5.0   | 59           | 5.4  |
| 55-59        | 66         | 15.2 | 46         | 11.0 | 112          | 13.1 | 57         | 13.2 | 35         | 8.3   | 92           | 10.8 |
| 60-64        | 81         | 22.5 | 71         | 19.6 | 152          | 21.0 | 73         | 20.3 | 69         | 19.0  | 142          | 19.6 |
| 65-69        | 138        | 41.0 | 106        | 30.1 | 244          | 35.5 | 133        | 39.5 | 95         | 27.0  | 228          | 33.1 |
| 70-74        | 151        | 53.7 | 120        | 36.6 | 271          | 44.5 | 151        | 53.7 | 121        | 36.9  | 272          | 44.6 |
| 75-79        | 138        | 72.7 | 154        | 60.2 | 292          | 65.5 | 138        | 72.7 | 156        | 61.0  | 294          | 66.0 |
| 80-84        | 87         | 80.2 | 133        | 74.3 | 220          | 76.5 | 99         | 91.2 | 139        | 77.7  | 238          | 82.8 |
| 85 and over  | 61         | 95.3 | 143        | 95.9 | 204          | 95.7 | 52         | 81.3 | 159        | 106.6 | 211          | 99.0 |
| <b>Total</b> | <b>821</b> |      | <b>844</b> |      | <b>1,665</b> |      | <b>773</b> |      | <b>830</b> |       | <b>1,603</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |           |           |           |           |           |           |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Crude rate              | 8.9       | 9.1       | 9.0       | 8.4       | 8.9       | 8.7       |
| 95% CI                  | 8.3 – 9.5 | 8.5 – 9.7 | 8.6 – 9.4 | 7.8 – 9.0 | 8.3 – 9.5 | 8.2 – 9.1 |
| AS Rate (Aust 1991)     | 9.2       | 7.4       | 8.3       | 8.8       | 7.2       | 7.9       |
| 95% CI                  | 8.6 – 9.9 | 6.9 – 7.9 | 7.9 – 8.7 | 8.1 – 9.4 | 6.7 – 7.7 | 7.6 – 8.3 |
| AS Rate (World)         | 6.3       | 5.0       | 5.6       | 5.8       | 4.7       | 5.2       |
| 95% CI                  | 5.9 – 6.8 | 4.6 – 5.3 | 5.3 – 5.9 | 5.4 – 6.2 | 4.3 – 5.0 | 5.0 – 5.5 |
| Lifetime risk (0-74)    | 1 in 135  | 1 in 184  | 1 in 157  | 1 in 145  | 1 in 199  | 1 in 169  |
| PYLL (0-74)             |           |           |           | 5,225     | 4,025     | 9,250     |
| Per cent of all cancers | 1.9       | 2.3       | 2.1       | 4.1       | 5.6       | 4.7       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 278       | 9.2     | 286     | 7.5     | 564     | 8.4     | 258       | 8.6     | 278     | 7.2     | 536     | 7.9     |
| Vic | 206       | 9.6     | 202     | 7.0     | 408     | 8.2     | 206       | 9.7     | 206     | 7.1     | 412     | 8.3     |
| Qld | 141       | 9.6     | 122     | 6.8     | 263     | 8.1     | 140       | 9.6     | 117     | 6.4     | 256     | 7.9     |
| WA  | 72        | 9.8     | 66      | 7.2     | 138     | 8.5     | 66        | 9.0     | 62      | 6.8     | 128     | 7.9     |
| SA  | 74        | 9.7     | 74      | 7.2     | 148     | 8.4     | 68        | 9.0     | 71      | 6.8     | 139     | 7.8     |
| Tas | 23        | 10.1    | 24      | 8.3     | 48      | 9.1     | 22        | 9.6     | 22      | 7.2     | 44      | 8.3     |
| ACT | 10        | 10.3    | 7       | 5.9     | 16      | 7.8     | 11        | 11.8    | 7       | 6.4     | 18      | 8.8     |
| NT  | 4         | 6.7     | 3       | 11.0    | 7       | 9.2     | 3         | 6.5     | 2       | 8.7     | 6       | 8.1     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 12: Cancer of the trachea, bronchus and lung (ICD 162)**

**Australia 1997**

| Age group    | Incidence    |       |              |       |              |       | Mortality    |       |              |       |              |       |
|--------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
|              | Males        |       | Females      |       | Persons      |       | Males        |       | Females      |       | Persons      |       |
|              | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  |
| 0-4          | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 5-9          | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 1            | 0.1   | 0            | 0.0   | 1            | 0.1   |
| 10-14        | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 15-19        | 1            | 0.2   | 0            | 0.0   | 1            | 0.1   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 20-24        | 4            | 0.6   | 3            | 0.4   | 7            | 0.5   | 0            | 0.0   | 1            | 0.1   | 1            | 0.1   |
| 25-29        | 1            | 0.1   | 4            | 0.6   | 5            | 0.3   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 30-34        | 3            | 0.4   | 6            | 0.8   | 9            | 0.6   | 4            | 0.6   | 2            | 0.3   | 6            | 0.4   |
| 35-39        | 19           | 2.6   | 14           | 1.9   | 33           | 2.2   | 9            | 1.2   | 8            | 1.1   | 17           | 1.2   |
| 40-44        | 54           | 7.8   | 39           | 5.6   | 93           | 6.7   | 31           | 4.5   | 33           | 4.8   | 64           | 4.6   |
| 45-49        | 126          | 19.4  | 111          | 17.3  | 237          | 18.4  | 97           | 14.9  | 68           | 10.6  | 165          | 12.8  |
| 50-54        | 260          | 46.6  | 139          | 25.9  | 399          | 36.5  | 195          | 35.0  | 115          | 21.4  | 310          | 28.3  |
| 55-59        | 449          | 103.7 | 195          | 46.5  | 644          | 75.5  | 327          | 75.5  | 160          | 38.1  | 487          | 57.1  |
| 60-64        | 645          | 179.0 | 314          | 86.5  | 959          | 132.6 | 560          | 155.4 | 206          | 56.8  | 766          | 105.9 |
| 65-69        | 953          | 283.2 | 409          | 116.3 | 1,362        | 197.9 | 790          | 234.7 | 330          | 93.8  | 1,120        | 162.7 |
| 70-74        | 1,139        | 405.2 | 450          | 137.1 | 1,589        | 260.7 | 995          | 354.0 | 395          | 120.3 | 1,390        | 228.1 |
| 75-79        | 856          | 450.9 | 405          | 158.4 | 1,261        | 283.0 | 790          | 416.1 | 353          | 138.0 | 1,143        | 256.5 |
| 80-84        | 525          | 483.9 | 244          | 136.3 | 769          | 267.5 | 513          | 472.8 | 236          | 131.9 | 749          | 260.6 |
| 85 and over  | 287          | 448.5 | 164          | 110.0 | 451          | 211.6 | 303          | 473.5 | 161          | 108.0 | 464          | 217.7 |
| <b>Total</b> | <b>5,322</b> |       | <b>2,497</b> |       | <b>7,819</b> |       | <b>4,615</b> |       | <b>2,068</b> |       | <b>6,683</b> |       |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Crude rate              | 57.8        | 26.8        | 42.2        | 50.1        | 22.2        | 36.1        |
| 95% CI                  | 56.2 – 59.3 | 25.8 – 27.9 | 41.3 – 43.1 | 48.6 – 51.5 | 21.3 – 23.2 | 35.2 – 36.9 |
| AS Rate (Aust 1991)     | 59.8        | 23.5        | 39.6        | 52.2        | 19.2        | 33.7        |
| 95% CI                  | 58.1 – 61.4 | 22.6 – 24.5 | 38.8 – 40.5 | 50.7 – 53.8 | 18.3 – 20.0 | 32.9 – 34.5 |
| AS Rate (World)         | 41.3        | 17.3        | 28.3        | 35.3        | 13.7        | 23.5        |
| 95% CI                  | 40.2 – 42.4 | 16.6 – 18.0 | 27.6 – 28.9 | 34.2 – 36.3 | 13.0 – 14.3 | 22.9 – 24.1 |
| Lifetime risk (0-74)    | 1 in 20     | 1 in 46     | 1 in 28     | 1 in 23     | 1 in 58     | 1 in 34     |
| PYLL (0-74)             |             |             |             | 29,773      | 14,805      | 44,578      |
| Per cent of all cancers | 12.3        | 6.9         | 9.8         | 24.2        | 13.9        | 19.7        |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 1,795     | 59.0    | 818     | 22.7    | 2,613   | 39.3    | 1,592     | 52.7    | 676     | 18.5    | 2,268   | 34.0    |
| Vic | 1,333     | 61.6    | 616     | 23.2    | 1,949   | 40.2    | 1,225     | 57.1    | 548     | 20.2    | 1,773   | 36.4    |
| Qld | 957       | 64.4    | 374     | 21.9    | 1,331   | 41.4    | 839       | 57.0    | 308     | 17.9    | 1,146   | 35.7    |
| WA  | 460       | 63.1    | 212     | 24.5    | 672     | 41.7    | 405       | 56.4    | 177     | 20.3    | 583     | 36.2    |
| SA  | 469       | 61.0    | 203     | 21.7    | 672     | 38.9    | 408       | 53.4    | 161     | 16.9    | 569     | 32.8    |
| Tas | 157       | 67.3    | 68      | 25.2    | 226     | 43.9    | 140       | 60.7    | 58      | 21.3    | 199     | 38.5    |
| ACT | 39        | 41.4    | 28      | 24.0    | 67      | 31.6    | 42        | 44.4    | 23      | 18.9    | 64      | 30.2    |
| NT  | 36        | 90.3    | 15      | 41.3    | 50      | 67.3    | 30        | 86.3    | 13      | 34.5    | 43      | 60.8    |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 13: Cancer of the skin—melanoma (ICD 172)**

**Australia 1997**

| Age group    | Incidence    |       |              |       |              |       | Mortality  |      |            |      |            |      |
|--------------|--------------|-------|--------------|-------|--------------|-------|------------|------|------------|------|------------|------|
|              | Males        |       | Females      |       | Persons      |       | Males      |      | Females    |      | Persons    |      |
|              | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number     | Rate | Number     | Rate | Number     | Rate |
| 0-4          | 1            | 0.2   | 0            | 0.0   | 1            | 0.1   | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 5-9          | 3            | 0.4   | 0            | 0.0   | 3            | 0.2   | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 10-14        | 8            | 1.2   | 7            | 1.1   | 15           | 1.1   | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 15-19        | 37           | 5.6   | 59           | 9.4   | 96           | 7.4   | 1          | 0.2  | 3          | 0.5  | 4          | 0.3  |
| 20-24        | 92           | 13.2  | 114          | 16.9  | 206          | 15.0  | 2          | 0.3  | 3          | 0.4  | 5          | 0.4  |
| 25-29        | 142          | 19.5  | 177          | 24.4  | 319          | 22.0  | 4          | 0.5  | 8          | 1.1  | 12         | 0.8  |
| 30-34        | 185          | 26.0  | 229          | 32.1  | 414          | 29.1  | 10         | 1.4  | 13         | 1.8  | 23         | 1.6  |
| 35-39        | 235          | 31.9  | 288          | 38.9  | 523          | 35.4  | 14         | 1.9  | 12         | 1.6  | 26         | 1.8  |
| 40-44        | 285          | 41.4  | 342          | 49.4  | 627          | 45.4  | 30         | 4.4  | 18         | 2.6  | 48         | 3.5  |
| 45-49        | 420          | 64.7  | 353          | 55.2  | 773          | 59.9  | 40         | 6.2  | 22         | 3.4  | 62         | 4.8  |
| 50-54        | 479          | 85.9  | 373          | 69.6  | 852          | 77.9  | 42         | 7.5  | 19         | 3.5  | 61         | 5.6  |
| 55-59        | 420          | 97.0  | 293          | 69.8  | 713          | 83.6  | 45         | 10.4 | 23         | 5.5  | 68         | 8.0  |
| 60-64        | 419          | 116.3 | 271          | 74.7  | 690          | 95.4  | 61         | 16.9 | 25         | 6.9  | 86         | 11.9 |
| 65-69        | 546          | 162.2 | 298          | 84.7  | 844          | 122.6 | 83         | 24.7 | 39         | 11.1 | 122        | 17.7 |
| 70-74        | 594          | 211.3 | 306          | 93.2  | 900          | 147.7 | 78         | 27.7 | 40         | 12.2 | 118        | 19.4 |
| 75-79        | 424          | 223.3 | 267          | 104.4 | 691          | 155.1 | 79         | 41.6 | 35         | 13.7 | 114        | 25.6 |
| 80-84        | 237          | 218.4 | 178          | 99.5  | 415          | 144.4 | 67         | 61.8 | 37         | 20.7 | 104        | 36.2 |
| 85 and over  | 122          | 190.7 | 162          | 108.6 | 284          | 133.3 | 24         | 37.5 | 33         | 22.1 | 57         | 26.7 |
| <b>Total</b> | <b>4,649</b> |       | <b>3,717</b> |       | <b>8,366</b> |       | <b>580</b> |      | <b>330</b> |      | <b>910</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |           |           |           |
|-------------------------|-------------|-------------|-------------|-----------|-----------|-----------|
| Crude rate              | 50.5        | 39.9        | 45.2        | 6.3       | 3.5       | 4.9       |
| 95% CI                  | 49.0 – 51.9 | 38.6 – 41.2 | 44.2 – 46.1 | 5.8 – 6.8 | 3.2 – 3.9 | 4.6 – 5.2 |
| AS Rate (Aust 1991)     | 50.1        | 37.0        | 42.9        | 6.4       | 3.1       | 4.6       |
| 95% CI                  | 48.7 – 51.6 | 35.8 – 38.2 | 41.9 – 43.8 | 5.9 – 6.9 | 2.8 – 3.4 | 4.3 – 4.9 |
| AS Rate (World)         | 39.3        | 30.5        | 34.6        | 4.6       | 2.3       | 3.4       |
| 95% CI                  | 38.2 – 40.5 | 29.5 – 31.6 | 33.8 – 35.3 | 4.2 – 5.0 | 2.1 – 2.6 | 3.2 – 3.6 |
| Lifetime risk (0-74)    | 1 in 23     | 1 in 33     | 1 in 27     | 1 in 196  | 1 in 395  | 1 in 265  |
| PYLL (0-74)             |             |             |             | 6,690     | 4,438     | 11,128    |
| Per cent of all cancers | 10.8        | 10.2        | 10.5        | 3.0       | 2.2       | 2.7       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 1,453     | 46.7    | 1,058   | 31.5    | 2,511   | 38.6    | 230       | 7.6     | 110     | 3.0     | 340     | 5.1     |
| Vic | 770       | 34.5    | 737     | 29.7    | 1,507   | 31.7    | 126       | 5.8     | 75      | 2.8     | 201     | 4.1     |
| Qld | 1,023     | 65.3    | 777     | 46.4    | 1,799   | 55.0    | 125       | 8.3     | 61      | 3.5     | 186     | 5.7     |
| WA  | 401       | 49.4    | 318     | 36.2    | 719     | 42.2    | 52        | 6.9     | 28      | 3.1     | 80      | 4.8     |
| SA  | 304       | 40.0    | 290     | 34.8    | 594     | 36.8    | 38        | 5.0     | 25      | 2.8     | 62      | 3.7     |
| Tas | 85        | 36.2    | 85      | 32.9    | 169     | 34.1    | 10        | 4.3     | 7       | 2.4     | 17      | 3.3     |
| ACT | 50        | 41.1    | 43      | 30.5    | 93      | 35.2    | 5         | 5.8     | 4       | 3.3     | 10      | 4.2     |
| NT  | 19        | 27.0    | 15      | 20.5    | 34      | 23.8    | 3         | 6.1     | 0       | 1.1     | 3       | 3.8     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 14: Cancer of the breast (ICD 174–175)**

**Australia 1997**

| Age group    | Incidence |      |               |       |               |       | Mortality |      |              |       |              |       |
|--------------|-----------|------|---------------|-------|---------------|-------|-----------|------|--------------|-------|--------------|-------|
|              | Males     |      | Females       |       | Persons       |       | Males     |      | Females      |       | Persons      |       |
|              | Number    | Rate | Number        | Rate  | Number        | Rate  | Number    | Rate | Number       | Rate  | Number       | Rate  |
| 0–4          | 0         | 0.0  | 0             | 0.0   | 0             | 0.0   | 0         | 0.0  | 0            | 0.0   | 0            | 0.0   |
| 5–9          | 1         | 0.1  | 0             | 0.0   | 1             | 0.1   | 0         | 0.0  | 0            | 0.0   | 0            | 0.0   |
| 10–14        | 0         | 0.0  | 0             | 0.0   | 0             | 0.0   | 0         | 0.0  | 0            | 0.0   | 0            | 0.0   |
| 15–19        | 0         | 0.0  | 3             | 0.5   | 3             | 0.2   | 0         | 0.0  | 0            | 0.0   | 0            | 0.0   |
| 20–24        | 1         | 0.1  | 13            | 1.9   | 14            | 1.0   | 0         | 0.0  | 1            | 0.1   | 1            | 0.1   |
| 25–29        | 0         | 0.0  | 53            | 7.3   | 53            | 3.6   | 0         | 0.0  | 6            | 0.8   | 6            | 0.4   |
| 30–34        | 1         | 0.1  | 178           | 24.9  | 179           | 12.6  | 0         | 0.0  | 38           | 5.3   | 38           | 2.7   |
| 35–39        | 0         | 0.0  | 443           | 59.8  | 443           | 30.0  | 0         | 0.0  | 85           | 11.5  | 85           | 5.8   |
| 40–44        | 3         | 0.4  | 757           | 109.4 | 760           | 55.0  | 0         | 0.0  | 133          | 19.2  | 133          | 9.6   |
| 45–49        | 6         | 0.9  | 1,147         | 179.2 | 1,153         | 89.4  | 1         | 0.2  | 215          | 33.6  | 216          | 16.7  |
| 50–54        | 2         | 0.4  | 1,320         | 246.2 | 1,322         | 120.9 | 0         | 0.0  | 267          | 49.8  | 267          | 24.4  |
| 55–59        | 5         | 1.2  | 1,170         | 278.7 | 1,175         | 137.8 | 0         | 0.0  | 241          | 57.4  | 241          | 28.3  |
| 60–64        | 8         | 2.2  | 1,080         | 297.6 | 1,088         | 150.4 | 1         | 0.3  | 236          | 65.0  | 237          | 32.8  |
| 65–69        | 6         | 1.8  | 1,065         | 302.8 | 1,071         | 155.6 | 1         | 0.3  | 290          | 82.5  | 291          | 42.3  |
| 70–74        | 13        | 4.6  | 1,024         | 311.9 | 1,037         | 170.2 | 3         | 1.1  | 291          | 88.6  | 294          | 48.2  |
| 75–79        | 14        | 7.4  | 854           | 333.9 | 868           | 194.8 | 5         | 2.6  | 285          | 111.4 | 290          | 65.1  |
| 80–84        | 7         | 6.5  | 562           | 314.0 | 569           | 197.9 | 4         | 3.7  | 242          | 135.2 | 246          | 85.6  |
| 85 and over  | 3         | 4.7  | 427           | 286.4 | 430           | 201.8 | 1         | 1.6  | 266          | 178.4 | 267          | 125.3 |
| <b>Total</b> | <b>70</b> |      | <b>10,096</b> |       | <b>10,166</b> |       | <b>16</b> |      | <b>2,596</b> |       | <b>2,612</b> |       |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |            |               |             |             |             |             |
|-------------------------|------------|---------------|-------------|-------------|-------------|-------------|
| Crude rate              | 0.8        | 108.4         | 54.9        | 0.2         | 27.9        | 14.1        |
| 95% CI                  | 0.6 – 0.9  | 106.3 – 110.6 | 53.8 – 55.9 | 0.1 – 0.3   | 26.8 – 29.0 | 13.6 – 14.6 |
| AS Rate (Aust 1991)     | 0.8        | 97.9          | 51.2        | 0.2         | 24.2        | 13.0        |
| 95% CI                  | 0.6 – 1.0  | 96.0 – 99.8   | 50.2 – 52.2 | 0.1 – 0.3   | 23.2 – 25.1 | 12.5 – 13.5 |
| AS Rate (World)         | 0.5        | 80.2          | 41.2        | 0.1         | 18.6        | 9.7         |
| 95% CI                  | 0.4 – 0.7  | 78.6 – 81.8   | 40.4 – 42.0 | 0.1 – 0.2   | 17.8 – 19.3 | 9.3 – 10.1  |
| Lifetime risk (0–74)    | 1 in 1,676 | 1 in 11       | 1 in 22     | 1 in 11,137 | 1 in 49     | 1 in 95     |
| PYLL (0–74)             |            |               |             | 55          | 31,453      | 31,508      |
| Per cent of all cancers | 0.2        | 27.8          | 12.8        | 0.1         | 17.4        | 7.7         |

**Average annual numbers and rates by State and Territory 1993–1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 24        | 0.8     | 3,364   | 98.3    | 3,388   | 51.5    | 6         | 0.2     | 885     | 24.7    | 891     | 13.4    |
| Vic | 16        | 0.7     | 2,498   | 98.8    | 2,514   | 52.1    | 6         | 0.3     | 731     | 27.6    | 736     | 15.0    |
| Qld | 13        | 0.9     | 1,624   | 95.3    | 1,636   | 49.4    | 4         | 0.3     | 427     | 24.4    | 431     | 13.1    |
| WA  | 6         | 0.8     | 875     | 99.8    | 882     | 51.8    | 1         | 0.1     | 226     | 25.0    | 227     | 13.4    |
| SA  | 6         | 0.9     | 848     | 97.7    | 854     | 51.6    | 2         | 0.2     | 245     | 26.3    | 246     | 14.4    |
| Tas | 3         | 1.1     | 249     | 94.4    | 252     | 49.6    | 0         | 0.2     | 66      | 23.4    | 66      | 12.7    |
| ACT | 1         | 0.8     | 135     | 98.8    | 136     | 52.0    | 0         | 0.0     | 39      | 31.7    | 39      | 17.4    |
| NT  | 0         | 0.5     | 41      | 69.0    | 41      | 31.7    | 0         | 0.0     | 8       | 19.7    | 8       | 9.3     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 15: Cancer of the cervix (ICD 180)**

**Australia 1997**

|                  | Incidence |      |            |      |         |      | Mortality |      |            |      |         |      |
|------------------|-----------|------|------------|------|---------|------|-----------|------|------------|------|---------|------|
|                  | Males     |      | Females    |      | Persons |      | Males     |      | Females    |      | Persons |      |
|                  | Number    | Rate | Number     | Rate | Number  | Rate | Number    | Rate | Number     | Rate | Number  | Rate |
| <b>Age group</b> |           |      |            |      |         |      |           |      |            |      |         |      |
| 0-4              |           |      | 0          | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 5-9              |           |      | 0          | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 10-14            |           |      | 0          | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 15-19            |           |      | 1          | 0.2  |         |      |           |      | 0          | 0.0  |         |      |
| 20-24            |           |      | 10         | 1.5  |         |      |           |      | 0          | 0.0  |         |      |
| 25-29            |           |      | 42         | 5.8  |         |      |           |      | 1          | 0.1  |         |      |
| 30-34            |           |      | 76         | 10.6 |         |      |           |      | 9          | 1.3  |         |      |
| 35-39            |           |      | 99         | 13.4 |         |      |           |      | 17         | 2.3  |         |      |
| 40-44            |           |      | 103        | 14.9 |         |      |           |      | 15         | 2.2  |         |      |
| 45-49            |           |      | 81         | 12.7 |         |      |           |      | 25         | 3.9  |         |      |
| 50-54            |           |      | 76         | 14.2 |         |      |           |      | 20         | 3.7  |         |      |
| 55-59            |           |      | 49         | 11.7 |         |      |           |      | 24         | 5.7  |         |      |
| 60-64            |           |      | 52         | 14.3 |         |      |           |      | 20         | 5.5  |         |      |
| 65-69            |           |      | 55         | 15.6 |         |      |           |      | 32         | 9.1  |         |      |
| 70-74            |           |      | 46         | 14.0 |         |      |           |      | 36         | 11.0 |         |      |
| 75-79            |           |      | 46         | 18.0 |         |      |           |      | 35         | 13.7 |         |      |
| 80-84            |           |      | 31         | 17.3 |         |      |           |      | 25         | 14.0 |         |      |
| 85 and over      |           |      | 28         | 18.8 |         |      |           |      | 32         | 21.5 |         |      |
| <b>Total</b>     |           |      | <b>795</b> |      |         |      |           |      | <b>291</b> |      |         |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |           |           |
|-------------------------|-----------|-----------|
| Crude rate              | 8.5       | 3.1       |
| 95% CI                  | 7.9 – 9.1 | 2.8 – 3.5 |
| AS Rate (Aust 1991)     | 8.0       | 2.7       |
| 95% CI                  | 7.4 – 8.5 | 2.4 – 3.0 |
| AS Rate (World)         | 6.5       | 2.0       |
| 95% CI                  | 6.1 – 7.0 | 1.8 – 2.3 |
| Lifetime risk (0-74)    | 1 in 156  | 1 in 447  |
| PYLL (0-74)             |           | 3,693     |
| Per cent of all cancers | 2.2       | 2.0       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW |           |         | 332     | 10.1    |         |         |           |         | 114     | 3.2     |         |         |
| Vic |           |         | 243     | 10.0    |         |         |           |         | 75      | 2.9     |         |         |
| Qld |           |         | 187     | 11.2    |         |         |           |         | 53      | 3.1     |         |         |
| WA  |           |         | 89      | 10.2    |         |         |           |         | 33      | 3.6     |         |         |
| SA  |           |         | 60      | 7.4     |         |         |           |         | 21      | 2.2     |         |         |
| Tas |           |         | 28      | 11.1    |         |         |           |         | 13      | 4.7     |         |         |
| ACT |           |         | 13      | 9.2     |         |         |           |         | 5       | 3.5     |         |         |
| NT  |           |         | 12      | 21.2    |         |         |           |         | 4       | 9.1     |         |         |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.  
Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 16: Cancer of the uterus (ICD 179+182)**

**Australia 1997**

| Age group    | Incidence |      |              |      |         |      | Mortality |      |            |      |         |      |
|--------------|-----------|------|--------------|------|---------|------|-----------|------|------------|------|---------|------|
|              | Males     |      | Females      |      | Persons |      | Males     |      | Females    |      | Persons |      |
|              | Number    | Rate | Number       | Rate | Number  | Rate | Number    | Rate | Number     | Rate | Number  | Rate |
| 0-4          |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 5-9          |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 10-14        |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 15-19        |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 20-24        |           |      | 2            | 0.3  |         |      |           |      | 0          | 0.0  |         |      |
| 25-29        |           |      | 4            | 0.6  |         |      |           |      | 0          | 0.0  |         |      |
| 30-34        |           |      | 11           | 1.5  |         |      |           |      | 0          | 0.0  |         |      |
| 35-39        |           |      | 24           | 3.2  |         |      |           |      | 0          | 0.0  |         |      |
| 40-44        |           |      | 53           | 7.7  |         |      |           |      | 1          | 0.1  |         |      |
| 45-49        |           |      | 93           | 14.5 |         |      |           |      | 10         | 1.6  |         |      |
| 50-54        |           |      | 139          | 25.9 |         |      |           |      | 20         | 3.7  |         |      |
| 55-59        |           |      | 154          | 36.7 |         |      |           |      | 14         | 3.3  |         |      |
| 60-64        |           |      | 201          | 55.4 |         |      |           |      | 19         | 5.2  |         |      |
| 65-69        |           |      | 220          | 62.5 |         |      |           |      | 35         | 10.0 |         |      |
| 70-74        |           |      | 173          | 52.7 |         |      |           |      | 41         | 12.5 |         |      |
| 75-79        |           |      | 145          | 56.7 |         |      |           |      | 46         | 18.0 |         |      |
| 80-84        |           |      | 106          | 59.2 |         |      |           |      | 40         | 22.4 |         |      |
| 85 and over  |           |      | 70           | 46.9 |         |      |           |      | 45         | 30.2 |         |      |
| <b>Total</b> |           |      | <b>1,395</b> |      |         |      |           |      | <b>271</b> |      |         |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |
|-------------------------|-------------|-----------|
| Crude rate              | 15.0        | 2.9       |
| 95% CI                  | 14.2 – 15.8 | 2.6 – 3.3 |
| AS Rate (Aust 1991)     | 13.5        | 2.4       |
| 95% CI                  | 12.8 – 14.2 | 2.1 – 2.7 |
| AS Rate (World)         | 10.7        | 1.6       |
| 95% CI                  | 10.1 – 11.3 | 1.4 – 1.8 |
| Lifetime risk (0-74)    | 1 in 77     | 1 in 549  |
| PYLL (0-74)             |             | 1,605     |
| Per cent of all cancers | 3.8         | 1.8       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW |           |         | 434     | 12.4    |         |         |           |         | 89      | 2.3     |         |         |
| Vic |           |         | 383     | 14.9    |         |         |           |         | 73      | 2.6     |         |         |
| Qld |           |         | 233     | 13.7    |         |         |           |         | 46      | 2.5     |         |         |
| WA  |           |         | 98      | 11.5    |         |         |           |         | 21      | 2.4     |         |         |
| SA  |           |         | 133     | 14.8    |         |         |           |         | 25      | 2.5     |         |         |
| Tas |           |         | 32      | 12.0    |         |         |           |         | 7       | 2.6     |         |         |
| ACT |           |         | 17      | 14.0    |         |         |           |         | 3       | 2.6     |         |         |
| NT  |           |         | 6       | 14.3    |         |         |           |         | 2       | 6.1     |         |         |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 17: Cancer of the ovary and other uterine adnexae (ICD 183)**

**Australia 1997**

|                  | Incidence |      |              |      |         |      | Mortality |      |            |      |         |      |
|------------------|-----------|------|--------------|------|---------|------|-----------|------|------------|------|---------|------|
|                  | Males     |      | Females      |      | Persons |      | Males     |      | Females    |      | Persons |      |
|                  | Number    | Rate | Number       | Rate | Number  | Rate | Number    | Rate | Number     | Rate | Number  | Rate |
| <b>Age group</b> |           |      |              |      |         |      |           |      |            |      |         |      |
| 0-4              |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 5-9              |           |      | 0            | 0.0  |         |      |           |      | 0          | 0.0  |         |      |
| 10-14            |           |      | 3            | 0.5  |         |      |           |      | 0          | 0.0  |         |      |
| 15-19            |           |      | 5            | 0.8  |         |      |           |      | 0          | 0.0  |         |      |
| 20-24            |           |      | 10           | 1.5  |         |      |           |      | 1          | 0.1  |         |      |
| 25-29            |           |      | 31           | 4.3  |         |      |           |      | 2          | 0.3  |         |      |
| 30-34            |           |      | 26           | 3.6  |         |      |           |      | 2          | 0.3  |         |      |
| 35-39            |           |      | 33           | 4.5  |         |      |           |      | 4          | 0.5  |         |      |
| 40-44            |           |      | 54           | 7.8  |         |      |           |      | 19         | 2.7  |         |      |
| 45-49            |           |      | 96           | 15.0 |         |      |           |      | 41         | 6.4  |         |      |
| 50-54            |           |      | 132          | 24.6 |         |      |           |      | 43         | 8.0  |         |      |
| 55-59            |           |      | 109          | 26.0 |         |      |           |      | 75         | 17.9 |         |      |
| 60-64            |           |      | 118          | 32.5 |         |      |           |      | 70         | 19.3 |         |      |
| 65-69            |           |      | 119          | 33.8 |         |      |           |      | 88         | 25.0 |         |      |
| 70-74            |           |      | 133          | 40.5 |         |      |           |      | 116        | 35.3 |         |      |
| 75-79            |           |      | 125          | 48.9 |         |      |           |      | 120        | 46.9 |         |      |
| 80-84            |           |      | 88           | 49.2 |         |      |           |      | 93         | 52.0 |         |      |
| 85 and over      |           |      | 69           | 46.3 |         |      |           |      | 66         | 44.3 |         |      |
| <b>Total</b>     |           |      | <b>1,151</b> |      |         |      |           |      | <b>740</b> |      |         |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |
|-------------------------|-------------|-----------|
| Crude rate              | 12.4        | 7.9       |
| 95% CI                  | 11.6 – 13.1 | 7.4 – 8.5 |
| AS Rate (Aust 1991)     | 11.0        | 6.8       |
| 95% CI                  | 10.4 – 11.7 | 6.3 – 7.3 |
| AS Rate (World)         | 8.8         | 4.9       |
| 95% CI                  | 8.2 – 9.3   | 4.5 – 5.3 |
| Lifetime risk (0-74)    | 1 in 103    | 1 in 173  |
| PYLL (0-74)             |             | 6,233     |
| Per cent of all cancers | 3.2         | 5.0       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW |           |         | 364     | 10.5    |         |         |           |         | 253     | 7.0     |         |         |
| Vic |           |         | 342     | 13.4    |         |         |           |         | 213     | 8.0     |         |         |
| Qld |           |         | 194     | 11.4    |         |         |           |         | 112     | 6.4     |         |         |
| WA  |           |         | 89      | 10.3    |         |         |           |         | 66      | 7.6     |         |         |
| SA  |           |         | 89      | 10.0    |         |         |           |         | 66      | 7.2     |         |         |
| Tas |           |         | 36      | 13.7    |         |         |           |         | 23      | 8.3     |         |         |
| ACT |           |         | 15      | 10.7    |         |         |           |         | 9       | 7.2     |         |         |
| NT  |           |         | 5       | 8.9     |         |         |           |         | 2       | 3.4     |         |         |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.  
Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 18: Cancer of the prostate (ICD 185)**

**Australia 1997**

| Age group    | Incidence    |         |         |      |         |      | Mortality    |       |         |      |         |      |
|--------------|--------------|---------|---------|------|---------|------|--------------|-------|---------|------|---------|------|
|              | Males        |         | Females |      | Persons |      | Males        |       | Females |      | Persons |      |
|              | Number       | Rate    | Number  | Rate | Number  | Rate | Number       | Rate  | Number  | Rate | Number  | Rate |
| 0-4          | 0            | 0.0     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 5-9          | 0            | 0.0     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 10-14        | 0            | 0.0     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 15-19        | 0            | 0.0     |         |      |         |      | 2            | 0.3   |         |      |         |      |
| 20-24        | 0            | 0.0     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 25-29        | 0            | 0.0     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 30-34        | 1            | 0.1     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 35-39        | 2            | 0.3     |         |      |         |      | 0            | 0.0   |         |      |         |      |
| 40-44        | 9            | 1.3     |         |      |         |      | 2            | 0.3   |         |      |         |      |
| 45-49        | 81           | 12.5    |         |      |         |      | 5            | 0.8   |         |      |         |      |
| 50-54        | 277          | 49.7    |         |      |         |      | 20           | 3.6   |         |      |         |      |
| 55-59        | 702          | 162.2   |         |      |         |      | 53           | 12.2  |         |      |         |      |
| 60-64        | 1,253        | 347.7   |         |      |         |      | 109          | 30.2  |         |      |         |      |
| 65-69        | 1,898        | 564.0   |         |      |         |      | 249          | 74.0  |         |      |         |      |
| 70-74        | 2,098        | 746.4   |         |      |         |      | 433          | 154.0 |         |      |         |      |
| 75-79        | 1,625        | 855.9   |         |      |         |      | 526          | 277.0 |         |      |         |      |
| 80-84        | 1,099        | 1,012.9 |         |      |         |      | 530          | 488.5 |         |      |         |      |
| 85 and over  | 680          | 1,062.7 |         |      |         |      | 520          | 812.7 |         |      |         |      |
| <b>Total</b> | <b>9,725</b> |         |         |      |         |      | <b>2,449</b> |       |         |      |         |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |               |             |
|-------------------------|---------------|-------------|
| Crude rate              | 105.5         | 26.6        |
| 95% CI                  | 103.4 – 107.6 | 25.5 – 27.6 |
| AS Rate (Aust 1991)     | 110.9         | 29.4        |
| 95% CI                  | 108.7 – 113.1 | 28.2 – 30.6 |
| AS Rate (World)         | 74.5          | 16.5        |
| 95% CI                  | 73.0 – 76.0   | 15.9 – 17.2 |
| Lifetime risk (0-74)    | 1 in 11       | 1 in 73     |
| PYLL (0-74)             |               | 6,008       |
| Per cent of all cancers | 22.5          | 12.9        |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 3,989     | 132.8   |         |         |         |         | 864       | 30.6    |         |         |         |         |
| Vic | 2,690     | 126.8   |         |         |         |         | 669       | 33.4    |         |         |         |         |
| Qld | 1,778     | 124.0   |         |         |         |         | 457       | 33.9    |         |         |         |         |
| WA  | 1,059     | 147.1   |         |         |         |         | 211       | 31.9    |         |         |         |         |
| SA  | 1,147     | 150.6   |         |         |         |         | 243       | 33.6    |         |         |         |         |
| Tas | 357       | 156.3   |         |         |         |         | 84        | 38.8    |         |         |         |         |
| ACT | 147       | 161.6   |         |         |         |         | 28        | 36.7    |         |         |         |         |
| NT  | 27        | 87.7    |         |         |         |         | 6         | 24.6    |         |         |         |         |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 19: Cancer of the testis (ICD 186)**

**Australia 1997**

| Age group    | Incidence  |      |         |      |         |      | Mortality |      |         |      |         |      |
|--------------|------------|------|---------|------|---------|------|-----------|------|---------|------|---------|------|
|              | Males      |      | Females |      | Persons |      | Males     |      | Females |      | Persons |      |
|              | Number     | Rate | Number  | Rate | Number  | Rate | Number    | Rate | Number  | Rate | Number  | Rate |
| 0-4          | 6          | 0.9  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| 5-9          | 2          | 0.3  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| 10-14        | 0          | 0.0  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| 15-19        | 15         | 2.3  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| 20-24        | 64         | 9.2  |         |      |         |      | 1         | 0.1  |         |      |         |      |
| 25-29        | 107        | 14.7 |         |      |         |      | 3         | 0.4  |         |      |         |      |
| 30-34        | 116        | 16.3 |         |      |         |      | 4         | 0.6  |         |      |         |      |
| 35-39        | 94         | 12.7 |         |      |         |      | 1         | 0.1  |         |      |         |      |
| 40-44        | 53         | 7.7  |         |      |         |      | 1         | 0.1  |         |      |         |      |
| 45-49        | 33         | 5.1  |         |      |         |      | 1         | 0.2  |         |      |         |      |
| 50-54        | 29         | 5.2  |         |      |         |      | 4         | 0.7  |         |      |         |      |
| 55-59        | 19         | 4.4  |         |      |         |      | 1         | 0.2  |         |      |         |      |
| 60-64        | 6          | 1.7  |         |      |         |      | 3         | 0.8  |         |      |         |      |
| 65-69        | 10         | 3.0  |         |      |         |      | 1         | 0.3  |         |      |         |      |
| 70-74        | 8          | 2.8  |         |      |         |      | 2         | 0.7  |         |      |         |      |
| 75-79        | 2          | 1.1  |         |      |         |      | 1         | 0.5  |         |      |         |      |
| 80-84        | 2          | 1.8  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| 85 and over  | 0          | 0.0  |         |      |         |      | 0         | 0.0  |         |      |         |      |
| <b>Total</b> | <b>566</b> |      |         |      |         |      | <b>23</b> |      |         |      |         |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |           |            |
|-------------------------|-----------|------------|
| Crude rate              | 6.1       | 0.2        |
| 95% CI                  | 5.6 – 6.6 | 0.1 – 0.4  |
| AS Rate (Aust 1991)     | 6.2       | 0.2        |
| 95% CI                  | 5.7 – 6.7 | 0.1 – 0.3  |
| AS Rate (World)         | 5.4       | 0.2        |
| 95% CI                  | 5.0 – 5.9 | 0.1 – 0.3  |
| Lifetime risk (0-74)    | 1 in 232  | 1 in 4,605 |
| PYLL (0-74)             |           | 620        |
| Per cent of all cancers | 1.3       | 0.1        |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 176       | 5.7     |         |         |         |         | 9         | 0.3     |         |         |         |         |
| Vic | 133       | 5.9     |         |         |         |         | 7         | 0.3     |         |         |         |         |
| Qld | 95        | 5.9     |         |         |         |         | 6         | 0.4     |         |         |         |         |
| WA  | 49        | 5.6     |         |         |         |         | 2         | 0.2     |         |         |         |         |
| SA  | 46        | 6.3     |         |         |         |         | 3         | 0.4     |         |         |         |         |
| Tas | 15        | 6.3     |         |         |         |         | 0         | 0.1     |         |         |         |         |
| ACT | 11        | 6.8     |         |         |         |         | 0         | 0.1     |         |         |         |         |
| NT  | 4         | 4.2     |         |         |         |         | 0         | 0.2     |         |         |         |         |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.  
Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 20: Cancer of the bladder (ICD 188)**

**Australia 1997**

| Age group    | Incidence    |       |            |      |              |       | Mortality  |       |            |      |            |      |
|--------------|--------------|-------|------------|------|--------------|-------|------------|-------|------------|------|------------|------|
|              | Males        |       | Females    |      | Persons      |       | Males      |       | Females    |      | Persons    |      |
|              | Number       | Rate  | Number     | Rate | Number       | Rate  | Number     | Rate  | Number     | Rate | Number     | Rate |
| 0-4          | 0            | 0.0   | 1          | 0.2  | 1            | 0.1   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 5-9          | 0            | 0.0   | 0          | 0.0  | 0            | 0.0   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 10-14        | 0            | 0.0   | 0          | 0.0  | 0            | 0.0   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 15-19        | 2            | 0.3   | 4          | 0.6  | 6            | 0.5   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 20-24        | 5            | 0.7   | 0          | 0.0  | 5            | 0.4   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 25-29        | 2            | 0.3   | 2          | 0.3  | 4            | 0.3   | 0          | 0.0   | 0          | 0.0  | 0          | 0.0  |
| 30-34        | 9            | 1.3   | 3          | 0.4  | 12           | 0.8   | 0          | 0.0   | 2          | 0.3  | 2          | 0.1  |
| 35-39        | 15           | 2.0   | 4          | 0.5  | 19           | 1.3   | 1          | 0.1   | 1          | 0.1  | 2          | 0.1  |
| 40-44        | 25           | 3.6   | 7          | 1.0  | 32           | 2.3   | 3          | 0.4   | 0          | 0.0  | 3          | 0.2  |
| 45-49        | 53           | 8.2   | 22         | 3.4  | 75           | 5.8   | 8          | 1.2   | 1          | 0.2  | 9          | 0.7  |
| 50-54        | 80           | 14.4  | 28         | 5.2  | 108          | 9.9   | 12         | 2.2   | 5          | 0.9  | 17         | 1.6  |
| 55-59        | 139          | 32.1  | 35         | 8.3  | 174          | 20.4  | 26         | 6.0   | 5          | 1.2  | 31         | 3.6  |
| 60-64        | 194          | 53.8  | 51         | 14.1 | 245          | 33.9  | 45         | 12.5  | 15         | 4.1  | 60         | 8.3  |
| 65-69        | 309          | 91.8  | 99         | 28.1 | 408          | 59.3  | 70         | 20.8  | 17         | 4.8  | 87         | 12.6 |
| 70-74        | 431          | 153.3 | 122        | 37.2 | 553          | 90.7  | 92         | 32.7  | 51         | 15.5 | 143        | 23.5 |
| 75-79        | 297          | 156.4 | 121        | 47.3 | 418          | 93.8  | 95         | 50.0  | 33         | 12.9 | 128        | 28.7 |
| 80-84        | 246          | 226.7 | 114        | 63.7 | 360          | 125.2 | 106        | 97.7  | 56         | 31.3 | 162        | 56.4 |
| 85 and over  | 179          | 279.7 | 82         | 55.0 | 261          | 122.5 | 96         | 150.0 | 67         | 44.9 | 163        | 76.5 |
| <b>Total</b> | <b>1,986</b> |       | <b>695</b> |      | <b>2,681</b> |       | <b>554</b> |       | <b>253</b> |      | <b>807</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |             |           |           |           |
|-------------------------|-------------|-----------|-------------|-----------|-----------|-----------|
| Crude rate              | 21.6        | 7.5       | 14.5        | 6.0       | 2.7       | 4.4       |
| 95% CI                  | 20.6 – 22.5 | 6.9 – 8.0 | 13.9 – 15.0 | 5.5 – 6.5 | 2.4 – 3.1 | 4.1 – 4.7 |
| AS Rate (Aust 1991)     | 22.6        | 6.2       | 13.4        | 6.5       | 2.1       | 3.9       |
| 95% CI                  | 21.6 – 23.6 | 5.8 – 6.7 | 12.9 – 13.9 | 6.0 – 7.1 | 1.8 – 2.3 | 3.6 – 4.2 |
| AS Rate (World)         | 15.1        | 4.2       | 9.2         | 4.0       | 1.3       | 2.4       |
| 95% CI                  | 14.4 – 15.8 | 3.9 – 4.6 | 8.8 – 9.5   | 3.6 – 4.3 | 1.1 – 1.4 | 2.2 – 2.6 |
| Lifetime risk (0-74)    | 1 in 56     | 1 in 202  | 1 in 89     | 1 in 264  | 1 in 736  | 1 in 394  |
| PYLL (0-74)             |             |           |             | 2,398     | 793       | 3,190     |
| Per cent of all cancers | 4.6         | 1.9       | 3.4         | 2.9       | 1.7       | 2.4       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 539       | 18.0    | 186     | 4.9     | 725     | 10.8    | 191       | 6.7     | 83      | 2.0     | 274     | 4.0     |
| Vic | 643       | 30.0    | 210     | 7.6     | 852     | 17.4    | 136       | 6.7     | 58      | 1.9     | 194     | 3.8     |
| Qld | 427       | 29.1    | 148     | 8.4     | 575     | 17.8    | 97        | 7.0     | 46      | 2.4     | 142     | 4.3     |
| WA  | 104       | 14.8    | 30      | 3.4     | 135     | 8.3     | 41        | 6.1     | 16      | 1.7     | 57      | 3.5     |
| SA  | 125       | 16.7    | 43      | 4.2     | 168     | 9.5     | 54        | 7.4     | 23      | 2.2     | 77      | 4.2     |
| Tas | 66        | 28.5    | 20      | 6.9     | 86      | 16.5    | 14        | 6.6     | 6       | 1.8     | 20      | 3.7     |
| ACT | 15        | 17.2    | 5       | 4.1     | 19      | 9.6     | 9         | 10.9    | 2       | 2.2     | 11      | 5.7     |
| NT  | 5         | 12.8    | 2       | 4.4     | 6       | 8.7     | 2         | 6.2     | 1       | 2.9     | 3       | 4.4     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 21: Cancer of the kidney and other and unspecified urinary organs (ICD 189)**

**Australia 1997**

| Age group    | Incidence    |      |            |      |              |      | Mortality  |      |            |      |            |      |
|--------------|--------------|------|------------|------|--------------|------|------------|------|------------|------|------------|------|
|              | Males        |      | Females    |      | Persons      |      | Males      |      | Females    |      | Persons    |      |
|              | Number       | Rate | Number     | Rate | Number       | Rate | Number     | Rate | Number     | Rate | Number     | Rate |
| 0-4          | 9            | 1.4  | 19         | 3.0  | 28           | 2.2  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 5-9          | 5            | 0.7  | 2          | 0.3  | 7            | 0.5  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 10-14        | 0            | 0.0  | 0          | 0.0  | 0            | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 15-19        | 2            | 0.3  | 1          | 0.2  | 3            | 0.2  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 20-24        | 1            | 0.1  | 1          | 0.1  | 2            | 0.1  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 25-29        | 3            | 0.4  | 3          | 0.4  | 6            | 0.4  | 1          | 0.1  | 1          | 0.1  | 2          | 0.1  |
| 30-34        | 9            | 1.3  | 9          | 1.3  | 18           | 1.3  | 1          | 0.1  | 1          | 0.1  | 2          | 0.1  |
| 35-39        | 23           | 3.1  | 10         | 1.3  | 33           | 2.2  | 2          | 0.3  | 2          | 0.3  | 4          | 0.3  |
| 40-44        | 46           | 6.7  | 30         | 4.3  | 76           | 5.5  | 12         | 1.7  | 2          | 0.3  | 14         | 1.0  |
| 45-49        | 70           | 10.8 | 49         | 7.7  | 119          | 9.2  | 16         | 2.5  | 7          | 1.1  | 23         | 1.8  |
| 50-54        | 95           | 17.0 | 56         | 10.4 | 151          | 13.8 | 31         | 5.6  | 11         | 2.1  | 42         | 3.8  |
| 55-59        | 132          | 30.5 | 58         | 13.8 | 190          | 22.3 | 38         | 8.8  | 12         | 2.9  | 50         | 5.9  |
| 60-64        | 171          | 47.4 | 76         | 20.9 | 247          | 34.2 | 61         | 16.9 | 18         | 5.0  | 79         | 10.9 |
| 65-69        | 182          | 54.1 | 97         | 27.6 | 279          | 40.5 | 79         | 23.5 | 40         | 11.4 | 119        | 17.3 |
| 70-74        | 205          | 72.9 | 121        | 36.9 | 326          | 53.5 | 80         | 28.5 | 57         | 17.4 | 137        | 22.5 |
| 75-79        | 143          | 75.3 | 133        | 52.0 | 276          | 61.9 | 66         | 34.8 | 64         | 25.0 | 130        | 29.2 |
| 80-84        | 88           | 81.1 | 98         | 54.8 | 186          | 64.7 | 45         | 41.5 | 59         | 33.0 | 104        | 36.2 |
| 85 and over  | 45           | 70.3 | 55         | 36.9 | 100          | 46.9 | 35         | 54.7 | 55         | 36.9 | 90         | 42.2 |
| <b>Total</b> | <b>1,229</b> |      | <b>818</b> |      | <b>2,047</b> |      | <b>467</b> |      | <b>329</b> |      | <b>796</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |             |           |           |           |
|-------------------------|-------------|-----------|-------------|-----------|-----------|-----------|
| Crude rate              | 13.3        | 8.8       | 11.1        | 5.1       | 3.5       | 4.3       |
| 95% CI                  | 12.6 – 14.1 | 8.2 – 9.4 | 10.6 – 11.5 | 4.6 – 5.5 | 3.2 – 3.9 | 4.0 – 4.6 |
| AS Rate (Aust 1991)     | 13.5        | 7.7       | 10.4        | 5.2       | 2.8       | 4.0       |
| 95% CI                  | 12.7 – 14.2 | 7.1 – 8.2 | 9.9 – 10.8  | 4.8 – 5.7 | 2.5 – 3.2 | 3.7 – 4.2 |
| AS Rate (World)         | 10.2        | 5.8       | 7.9         | 3.7       | 1.8       | 2.7       |
| 95% CI                  | 9.6 – 10.8  | 5.3 – 6.2 | 7.5 – 8.2   | 3.4 – 4.0 | 1.6 – 2.0 | 2.5 – 2.9 |
| Lifetime risk (0-74)    | 1 in 82     | 1 in 156  | 1 in 108    | 1 in 228  | 1 in 494  | 1 in 314  |
| PYLL (0-74)             |             |           |             | 3,913     | 1,548     | 5,460     |
| Per cent of all cancers | 2.8         | 2.3       | 2.6         | 2.5       | 2.2       | 2.3       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 421       | 13.6    | 292     | 8.1     | 712     | 10.8    | 154       | 5.1     | 126     | 3.3     | 279     | 4.2     |
| Vic | 281       | 12.8    | 178     | 6.7     | 458     | 9.5     | 116       | 5.4     | 83      | 3.0     | 199     | 4.0     |
| Qld | 227       | 14.9    | 148     | 8.6     | 376     | 11.6    | 86        | 5.8     | 60      | 3.4     | 146     | 4.5     |
| WA  | 75        | 9.8     | 53      | 6.0     | 129     | 7.8     | 33        | 4.5     | 28      | 3.1     | 60      | 3.7     |
| SA  | 105       | 13.6    | 63      | 6.9     | 168     | 10.0    | 42        | 5.5     | 24      | 2.5     | 66      | 3.9     |
| Tas | 33        | 14.1    | 19      | 6.7     | 51      | 10.0    | 14        | 6.3     | 9       | 3.0     | 23      | 4.4     |
| ACT | 13        | 12.5    | 7       | 5.8     | 20      | 8.9     | 6         | 6.9     | 5       | 4.3     | 11      | 5.5     |
| NT  | 6         | 12.3    | 2       | 6.8     | 8       | 9.9     | 1         | 2.7     | 1       | 5.8     | 2       | 4.6     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 22: Cancer of the brain (ICD 191)**

**Australia 1997**

| Age group    | Incidence  |      |            |      |              |      | Mortality  |      |            |      |              |      |
|--------------|------------|------|------------|------|--------------|------|------------|------|------------|------|--------------|------|
|              | Males      |      | Females    |      | Persons      |      | Males      |      | Females    |      | Persons      |      |
|              | Number     | Rate | Number     | Rate | Number       | Rate | Number     | Rate | Number     | Rate | Number       | Rate |
| 0-4          | 28         | 4.2  | 15         | 2.4  | 43           | 3.3  | 10         | 1.5  | 5          | 0.8  | 15           | 1.2  |
| 5-9          | 17         | 2.5  | 12         | 1.9  | 29           | 2.2  | 4          | 0.6  | 16         | 2.5  | 20           | 1.5  |
| 10-14        | 21         | 3.1  | 13         | 2.0  | 34           | 2.6  | 5          | 0.7  | 3          | 0.5  | 8            | 0.6  |
| 15-19        | 7          | 1.1  | 6          | 1.0  | 13           | 1.0  | 7          | 1.1  | 5          | 0.8  | 12           | 0.9  |
| 20-24        | 10         | 1.4  | 7          | 1.0  | 17           | 1.2  | 5          | 0.7  | 2          | 0.3  | 7            | 0.5  |
| 25-29        | 27         | 3.7  | 18         | 2.5  | 45           | 3.1  | 14         | 1.9  | 11         | 1.5  | 25           | 1.7  |
| 30-34        | 23         | 3.2  | 19         | 2.7  | 42           | 2.9  | 11         | 1.5  | 12         | 1.7  | 23           | 1.6  |
| 35-39        | 27         | 3.7  | 19         | 2.6  | 46           | 3.1  | 11         | 1.5  | 15         | 2.0  | 26           | 1.8  |
| 40-44        | 32         | 4.6  | 23         | 3.3  | 55           | 4.0  | 30         | 4.4  | 20         | 2.9  | 50           | 3.6  |
| 45-49        | 41         | 6.3  | 25         | 3.9  | 66           | 5.1  | 38         | 5.8  | 26         | 4.1  | 64           | 5.0  |
| 50-54        | 70         | 12.6 | 35         | 6.5  | 105          | 9.6  | 50         | 9.0  | 26         | 4.8  | 76           | 6.9  |
| 55-59        | 63         | 14.6 | 47         | 11.2 | 110          | 12.9 | 64         | 14.8 | 42         | 10.0 | 106          | 12.4 |
| 60-64        | 65         | 18.0 | 45         | 12.4 | 110          | 15.2 | 62         | 17.2 | 37         | 10.2 | 99           | 13.7 |
| 65-69        | 89         | 26.4 | 53         | 15.1 | 142          | 20.6 | 87         | 25.9 | 55         | 15.6 | 142          | 20.6 |
| 70-74        | 97         | 34.5 | 61         | 18.6 | 158          | 25.9 | 82         | 29.2 | 69         | 21.0 | 151          | 24.8 |
| 75-79        | 56         | 29.5 | 55         | 21.5 | 111          | 24.9 | 62         | 32.7 | 41         | 16.0 | 103          | 23.1 |
| 80-84        | 32         | 29.5 | 39         | 21.8 | 71           | 24.7 | 36         | 33.2 | 40         | 22.4 | 76           | 26.4 |
| 85 and over  | 12         | 18.8 | 20         | 13.4 | 32           | 15.0 | 14         | 21.9 | 17         | 11.4 | 31           | 14.5 |
| <b>Total</b> | <b>717</b> |      | <b>512</b> |      | <b>1,229</b> |      | <b>592</b> |      | <b>442</b> |      | <b>1,034</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |           |           |           |           |           |           |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Crude rate              | 7.8       | 5.5       | 6.6       | 6.4       | 4.7       | 5.6       |
| 95% CI                  | 7.2 – 8.4 | 5.0 – 6.0 | 6.3 – 7.0 | 5.9 – 6.9 | 4.3 – 5.2 | 5.2 – 5.9 |
| AS Rate (Aust 1991)     | 7.8       | 5.1       | 6.4       | 6.4       | 4.3       | 5.3       |
| 95% CI                  | 7.2 – 8.3 | 4.6 – 5.5 | 6.0 – 6.7 | 5.9 – 7.0 | 3.9 – 4.7 | 5.0 – 5.6 |
| AS Rate (World)         | 6.6       | 4.3       | 5.4       | 5.1       | 3.5       | 4.3       |
| 95% CI                  | 6.1 – 7.1 | 3.9 – 4.7 | 5.1 – 5.7 | 4.7 – 5.5 | 3.2 – 3.9 | 4.0 – 4.5 |
| Lifetime risk (0-74)    | 1 in 143  | 1 in 230  | 1 in 178  | 1 in 173  | 1 in 255  | 1 in 207  |
| PYLL (0-74)             |           |           |           | 9,415     | 7,350     | 16,765    |
| Per cent of all cancers | 1.7       | 1.4       | 1.5       | 3.1       | 3.0       | 3.0       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 233       | 7.5     | 174     | 5.2     | 407     | 6.3     | 191       | 6.2     | 135     | 3.9     | 326     | 5.0     |
| Vic | 180       | 8.1     | 138     | 5.6     | 318     | 6.8     | 145       | 6.5     | 111     | 4.3     | 256     | 5.4     |
| Qld | 128       | 8.1     | 89      | 5.3     | 217     | 6.6     | 100       | 6.4     | 73      | 4.3     | 173     | 5.3     |
| WA  | 56        | 6.9     | 43      | 4.9     | 99      | 5.9     | 50        | 6.3     | 35      | 4.1     | 86      | 5.1     |
| SA  | 62        | 8.1     | 48      | 5.8     | 110     | 6.9     | 51        | 6.6     | 38      | 4.4     | 89      | 5.4     |
| Tas | 19        | 8.0     | 15      | 6.0     | 34      | 6.9     | 17        | 7.3     | 13      | 5.0     | 30      | 6.1     |
| ACT | 12        | 10.2    | 6       | 4.3     | 18      | 7.0     | 9         | 7.9     | 7       | 5.0     | 16      | 6.3     |
| NT  | 3         | 3.6     | 2       | 4.3     | 6       | 3.8     | 2         | 3.4     | 1       | 3.5     | 4       | 3.5     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.  
Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 23: Cancers of unknown primary site (ICD 195–199)**

**Australia 1997**

| Age group    | Incidence    |       |              |       |              |       | Mortality    |       |              |       |              |       |
|--------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
|              | Males        |       | Females      |       | Persons      |       | Males        |       | Females      |       | Persons      |       |
|              | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  |
| 0–4          | 2            | 0.3   | 7            | 1.1   | 9            | 0.7   | 0            | 0.0   | 1            | 0.2   | 1            | 0.1   |
| 5–9          | 1            | 0.1   | 0            | 0.0   | 1            | 0.1   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 10–14        | 0            | 0.0   | 1            | 0.2   | 1            | 0.1   | 1            | 0.1   | 0            | 0.0   | 1            | 0.1   |
| 15–19        | 2            | 0.3   | 0            | 0.0   | 2            | 0.2   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 20–24        | 3            | 0.4   | 2            | 0.3   | 5            | 0.4   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 25–29        | 2            | 0.3   | 1            | 0.1   | 3            | 0.2   | 2            | 0.3   | 3            | 0.4   | 5            | 0.3   |
| 30–34        | 12           | 1.7   | 10           | 1.4   | 22           | 1.5   | 3            | 0.4   | 7            | 1.0   | 10           | 0.7   |
| 35–39        | 16           | 2.2   | 16           | 2.2   | 32           | 2.2   | 9            | 1.2   | 12           | 1.6   | 21           | 1.4   |
| 40–44        | 35           | 5.1   | 25           | 3.6   | 60           | 4.3   | 23           | 3.3   | 18           | 2.6   | 41           | 3.0   |
| 45–49        | 63           | 9.7   | 43           | 6.7   | 106          | 8.2   | 27           | 4.2   | 26           | 4.1   | 53           | 4.1   |
| 50–54        | 90           | 16.1  | 56           | 10.4  | 146          | 13.3  | 64           | 11.5  | 31           | 5.8   | 95           | 8.7   |
| 55–59        | 119          | 27.5  | 82           | 19.5  | 201          | 23.6  | 77           | 17.8  | 47           | 11.2  | 124          | 14.5  |
| 60–64        | 176          | 48.8  | 102          | 28.1  | 278          | 38.4  | 110          | 30.5  | 68           | 18.7  | 178          | 24.6  |
| 65–69        | 237          | 70.4  | 160          | 45.5  | 397          | 57.7  | 168          | 49.9  | 113          | 32.1  | 281          | 40.8  |
| 70–74        | 298          | 106.0 | 191          | 58.2  | 489          | 80.2  | 185          | 65.8  | 150          | 45.7  | 335          | 55.0  |
| 75–79        | 275          | 144.8 | 267          | 104.4 | 542          | 121.6 | 210          | 110.6 | 189          | 73.9  | 399          | 89.5  |
| 80–84        | 209          | 192.6 | 248          | 138.6 | 457          | 159.0 | 172          | 158.5 | 177          | 98.9  | 349          | 121.4 |
| 85 and over  | 140          | 218.8 | 278          | 186.4 | 418          | 196.2 | 120          | 187.5 | 242          | 162.3 | 362          | 169.9 |
| <b>Total</b> | <b>1,680</b> |       | <b>1,489</b> |       | <b>3,169</b> |       | <b>1,171</b> |       | <b>1,084</b> |       | <b>2,255</b> |       |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Crude rate              | 18.2        | 16.0        | 17.1        | 12.7        | 11.6        | 12.2        |
| 95% CI                  | 17.4 – 19.1 | 15.2 – 16.8 | 16.5 – 17.7 | 12.0 – 13.4 | 11.0 – 12.3 | 11.7 – 12.7 |
| AS Rate (Aust 1991)     | 19.0        | 12.9        | 15.7        | 13.4        | 9.2         | 11.1        |
| 95% CI                  | 18.1 – 19.9 | 12.3 – 13.6 | 15.1 – 16.2 | 12.6 – 14.2 | 8.7 – 9.8   | 10.6 – 11.6 |
| AS Rate (World)         | 12.9        | 8.6         | 10.6        | 8.7         | 6.0         | 7.3         |
| 95% CI                  | 12.2 – 13.5 | 8.1 – 9.1   | 10.2 – 11.0 | 8.2 – 9.3   | 5.6 – 6.4   | 7.0 – 7.6   |
| Lifetime risk (0–74)    | 1 in 70     | 1 in 113    | 1 in 87     | 1 in 109    | 1 in 163    | 1 in 131    |
| PYLL (0–74)             |             |             |             | 7,998       | 5,855       | 13,853      |
| Per cent of all cancers | 3.9         | 4.1         | 4.0         | 6.1         | 7.3         | 6.6         |

**Average annual numbers and rates by State and Territory 1993–1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 572       | 19.1    | 507     | 13.2    | 1,078   | 16.0    | 412       | 13.9    | 388     | 9.9     | 800     | 11.8    |
| Vic | 368       | 17.3    | 360     | 12.7    | 728     | 14.7    | 268       | 12.7    | 263     | 9.0     | 531     | 10.7    |
| Qld | 291       | 19.9    | 237     | 13.2    | 528     | 16.3    | 199       | 13.7    | 166     | 9.1     | 366     | 11.2    |
| WA  | 146       | 20.2    | 118     | 12.7    | 264     | 16.1    | 92        | 12.9    | 88      | 9.5     | 180     | 11.0    |
| SA  | 130       | 17.2    | 128     | 12.5    | 258     | 14.6    | 115       | 15.2    | 106     | 10.2    | 220     | 12.4    |
| Tas | 46        | 20.2    | 43      | 14.3    | 89      | 16.9    | 33        | 14.5    | 35      | 11.6    | 68      | 12.8    |
| ACT | 17        | 18.3    | 14      | 11.3    | 31      | 14.6    | 13        | 15.5    | 12      | 10.4    | 25      | 12.5    |
| NT  | 11        | 27.4    | 8       | 17.9    | 18      | 22.7    | 8         | 20.3    | 5       | 15.4    | 13      | 17.9    |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 24: Non-Hodgkin's lymphoma (ICD 200+202)**

**Australia 1997**

| Age group    | Incidence    |       |              |      |              |       | Mortality  |       |            |      |              |      |
|--------------|--------------|-------|--------------|------|--------------|-------|------------|-------|------------|------|--------------|------|
|              | Males        |       | Females      |      | Persons      |       | Males      |       | Females    |      | Persons      |      |
|              | Number       | Rate  | Number       | Rate | Number       | Rate  | Number     | Rate  | Number     | Rate | Number       | Rate |
| 0-4          | 7            | 1.1   | 3            | 0.5  | 10           | 0.8   | 1          | 0.2   | 0          | 0.0  | 1            | 0.1  |
| 5-9          | 12           | 1.8   | 8            | 1.2  | 20           | 1.5   | 3          | 0.4   | 0          | 0.0  | 3            | 0.2  |
| 10-14        | 10           | 1.5   | 3            | 0.5  | 13           | 1.0   | 1          | 0.1   | 2          | 0.3  | 3            | 0.2  |
| 15-19        | 15           | 2.3   | 6            | 1.0  | 21           | 1.6   | 5          | 0.8   | 3          | 0.5  | 8            | 0.6  |
| 20-24        | 17           | 2.4   | 9            | 1.3  | 26           | 1.9   | 5          | 0.7   | 3          | 0.4  | 8            | 0.6  |
| 25-29        | 30           | 4.1   | 16           | 2.2  | 46           | 3.2   | 9          | 1.2   | 3          | 0.4  | 12           | 0.8  |
| 30-34        | 38           | 5.3   | 19           | 2.7  | 57           | 4.0   | 9          | 1.3   | 6          | 0.8  | 15           | 1.1  |
| 35-39        | 64           | 8.7   | 46           | 6.2  | 110          | 7.4   | 13         | 1.8   | 5          | 0.7  | 18           | 1.2  |
| 40-44        | 76           | 11.0  | 50           | 7.2  | 126          | 9.1   | 15         | 2.2   | 14         | 2.0  | 29           | 2.1  |
| 45-49        | 104          | 16.0  | 78           | 12.2 | 182          | 14.1  | 36         | 5.5   | 20         | 3.1  | 56           | 4.3  |
| 50-54        | 135          | 24.2  | 118          | 22.0 | 253          | 23.1  | 58         | 10.4  | 33         | 6.2  | 91           | 8.3  |
| 55-59        | 146          | 33.7  | 117          | 27.9 | 263          | 30.8  | 55         | 12.7  | 36         | 8.6  | 91           | 10.7 |
| 60-64        | 177          | 49.1  | 123          | 33.9 | 300          | 41.5  | 67         | 18.6  | 54         | 14.9 | 121          | 16.7 |
| 65-69        | 209          | 62.1  | 166          | 47.2 | 375          | 54.5  | 112        | 33.3  | 77         | 21.9 | 189          | 27.5 |
| 70-74        | 232          | 82.5  | 211          | 64.3 | 443          | 72.7  | 124        | 44.1  | 130        | 39.6 | 254          | 41.7 |
| 75-79        | 201          | 105.9 | 191          | 74.7 | 392          | 88.0  | 121        | 63.7  | 132        | 51.6 | 253          | 56.8 |
| 80-84        | 117          | 107.8 | 159          | 88.8 | 276          | 96.0  | 103        | 94.9  | 101        | 56.4 | 204          | 71.0 |
| 85 and over  | 97           | 151.6 | 127          | 85.2 | 224          | 105.1 | 78         | 121.9 | 106        | 71.1 | 184          | 86.3 |
| <b>Total</b> | <b>1,687</b> |       | <b>1,450</b> |      | <b>3,137</b> |       | <b>815</b> |       | <b>725</b> |      | <b>1,540</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |           |           |           |
|-------------------------|-------------|-------------|-------------|-----------|-----------|-----------|
| Crude rate              | 18.3        | 15.6        | 16.9        | 8.8       | 7.8       | 8.3       |
| 95% CI                  | 17.4 – 19.2 | 14.8 – 16.4 | 16.3 – 17.5 | 8.2 – 9.5 | 7.2 – 8.4 | 7.9 – 8.7 |
| AS Rate (Aust 1991)     | 18.6        | 13.5        | 15.8        | 9.2       | 6.4       | 7.6       |
| 95% CI                  | 17.7 – 19.5 | 12.8 – 14.2 | 15.3 – 16.4 | 8.6 – 9.8 | 6.0 – 6.9 | 7.3 – 8.0 |
| AS Rate (World)         | 14.0        | 10.2        | 12.0        | 6.3       | 4.4       | 5.3       |
| 95% CI                  | 13.3 – 14.7 | 9.6 – 10.7  | 11.5 – 12.4 | 5.9 – 6.8 | 4.0 – 4.7 | 5.0 – 5.5 |
| Lifetime risk (0-74)    | 1 in 66     | 1 in 87     | 1 in 75     | 1 in 151  | 1 in 202  | 1 in 173  |
| PYLL (0-74)             |             |             |             | 7,918     | 4,995     | 12,913    |
| Per cent of all cancers | 3.9         | 4.0         | 3.9         | 4.3       | 4.9       | 4.5       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 576       | 18.6    | 475     | 13.2    | 1,051   | 15.9    | 266       | 8.8     | 237     | 6.2     | 503     | 7.5     |
| Vic | 427       | 19.4    | 350     | 13.3    | 777     | 16.1    | 213       | 9.9     | 188     | 6.8     | 401     | 8.2     |
| Qld | 270       | 17.6    | 214     | 12.4    | 484     | 14.9    | 118       | 8.0     | 98      | 5.5     | 216     | 6.6     |
| WA  | 124       | 15.9    | 107     | 12.2    | 231     | 13.9    | 57        | 7.7     | 57      | 6.3     | 114     | 6.9     |
| SA  | 138       | 18.1    | 130     | 14.4    | 268     | 16.0    | 65        | 8.7     | 64      | 6.6     | 130     | 7.5     |
| Tas | 40        | 17.1    | 38      | 13.6    | 78      | 15.2    | 20        | 8.8     | 18      | 6.5     | 39      | 7.4     |
| ACT | 20        | 18.3    | 18      | 14.1    | 37      | 15.9    | 13        | 14.0    | 10      | 8.5     | 22      | 10.7    |
| NT  | 7         | 11.0    | 4       | 9.2     | 11      | 10.4    | 1         | 1.4     | 1       | 2.9     | 2       | 2.2     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: Cancer in Australia 1997, AIHW & AACR 2000.

**Table 25: Leukaemias (ICD 204–208)**
**Australia 1997**

| Age group    | Incidence    |       |            |      |              |      | Mortality  |       |            |      |              |      |
|--------------|--------------|-------|------------|------|--------------|------|------------|-------|------------|------|--------------|------|
|              | Males        |       | Females    |      | Persons      |      | Males      |       | Females    |      | Persons      |      |
|              | Number       | Rate  | Number     | Rate | Number       | Rate | Number     | Rate  | Number     | Rate | Number       | Rate |
| 0–4          | 42           | 6.3   | 47         | 7.5  | 89           | 6.9  | 12         | 1.8   | 4          | 0.6  | 16           | 1.2  |
| 5–9          | 31           | 4.6   | 15         | 2.3  | 46           | 3.5  | 7          | 1.0   | 9          | 1.4  | 16           | 1.2  |
| 10–14        | 22           | 3.3   | 19         | 3.0  | 41           | 3.1  | 6          | 0.9   | 7          | 1.1  | 13           | 1.0  |
| 15–19        | 21           | 3.2   | 13         | 2.1  | 34           | 2.6  | 7          | 1.1   | 8          | 1.3  | 15           | 1.2  |
| 20–24        | 16           | 2.3   | 25         | 3.7  | 41           | 3.0  | 15         | 2.2   | 7          | 1.0  | 22           | 1.6  |
| 25–29        | 20           | 2.7   | 20         | 2.8  | 40           | 2.8  | 13         | 1.8   | 8          | 1.1  | 21           | 1.4  |
| 30–34        | 15           | 2.1   | 9          | 1.3  | 24           | 1.7  | 14         | 2.0   | 3          | 0.4  | 17           | 1.2  |
| 35–39        | 29           | 3.9   | 26         | 3.5  | 55           | 3.7  | 16         | 2.2   | 13         | 1.8  | 29           | 2.0  |
| 40–44        | 33           | 4.8   | 30         | 4.3  | 63           | 4.6  | 11         | 1.6   | 14         | 2.0  | 25           | 1.8  |
| 45–49        | 50           | 7.7   | 23         | 3.6  | 73           | 5.7  | 14         | 2.2   | 9          | 1.4  | 23           | 1.8  |
| 50–54        | 61           | 10.9  | 47         | 8.8  | 108          | 9.9  | 21         | 3.8   | 23         | 4.3  | 44           | 4.0  |
| 55–59        | 74           | 17.1  | 50         | 11.9 | 124          | 14.5 | 26         | 6.0   | 23         | 5.5  | 49           | 5.7  |
| 60–64        | 101          | 28.0  | 56         | 15.4 | 157          | 21.7 | 56         | 15.5  | 39         | 10.7 | 95           | 13.1 |
| 65–69        | 118          | 35.1  | 94         | 26.7 | 212          | 30.8 | 74         | 22.0  | 52         | 14.8 | 126          | 18.3 |
| 70–74        | 187          | 66.5  | 99         | 30.2 | 286          | 46.9 | 133        | 47.3  | 68         | 20.7 | 201          | 33.0 |
| 75–79        | 160          | 84.3  | 89         | 34.8 | 249          | 55.9 | 102        | 53.7  | 59         | 23.1 | 161          | 36.1 |
| 80–84        | 112          | 103.2 | 85         | 47.5 | 197          | 68.5 | 95         | 87.6  | 81         | 45.3 | 176          | 61.2 |
| 85 and over  | 82           | 128.1 | 103        | 69.1 | 185          | 86.8 | 64         | 100.0 | 101        | 67.7 | 165          | 77.4 |
| <b>Total</b> | <b>1,174</b> |       | <b>850</b> |      | <b>2,024</b> |      | <b>686</b> |       | <b>528</b> |      | <b>1,214</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |           |             |           |           |           |
|-------------------------|-------------|-----------|-------------|-----------|-----------|-----------|
| Crude rate              | 12.7        | 9.1       | 10.9        | 7.4       | 5.7       | 6.6       |
| 95% CI                  | 12.0 – 13.5 | 8.5 – 9.7 | 10.5 – 11.4 | 6.9 – 8.0 | 5.2 – 6.2 | 6.2 – 6.9 |
| AS Rate (Aust 1991)     | 13.2        | 8.1       | 10.3        | 7.9       | 4.7       | 6.1       |
| 95% CI                  | 12.4 – 13.9 | 7.5 – 8.6 | 9.8 – 10.7  | 7.3 – 8.4 | 4.3 – 5.1 | 5.7 – 6.4 |
| AS Rate (World)         | 10.0        | 6.7       | 8.2         | 5.4       | 3.5       | 4.3       |
| 95% CI                  | 9.4 – 10.7  | 6.2 – 7.2 | 7.8 – 8.6   | 5.0 – 5.8 | 3.1 – 3.8 | 4.1 – 4.6 |
| Lifetime risk (0–74)    | 1 in 101    | 1 in 158  | 1 in 124    | 1 in 180  | 1 in 294  | 1 in 226  |
| PYLL (0–74)             |             |           |             | 7,978     | 5,828     | 13,805    |
| Per cent of all cancers | 2.7         | 2.3       | 2.5         | 3.6       | 3.5       | 3.6       |

**Average annual numbers and rates by State and Territory 1993–1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 394       | 13.1    | 293     | 8.1     | 687     | 10.4    | 240       | 8.1     | 183     | 4.9     | 424     | 6.3     |
| Vic | 270       | 12.7    | 213     | 7.9     | 483     | 10.0    | 180       | 8.5     | 142     | 5.0     | 321     | 6.5     |
| Qld | 235       | 15.6    | 177     | 10.1    | 412     | 12.7    | 132       | 9.1     | 92      | 5.1     | 224     | 6.9     |
| WA  | 87        | 11.5    | 70      | 7.8     | 157     | 9.4     | 56        | 7.6     | 45      | 4.9     | 100     | 6.1     |
| SA  | 126       | 16.8    | 90      | 9.9     | 216     | 12.9    | 73        | 9.9     | 49      | 5.1     | 123     | 7.1     |
| Tas | 27        | 11.9    | 23      | 8.5     | 51      | 9.9     | 14        | 6.2     | 15      | 5.0     | 28      | 5.4     |
| ACT | 14        | 12.3    | 11      | 8.5     | 25      | 10.3    | 11        | 10.4    | 7       | 6.1     | 18      | 8.1     |
| NT  | 4         | 5.2     | 4       | 10.5    | 8       | 7.8     | 2         | 3.6     | 2       | 7.8     | 5       | 5.8     |

Note: AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 26: Alcohol-related cancers**
**Australia 1997**

| Age group    | Incidence  |      |            |      |            |      | Mortality  |      |            |      |            |      |
|--------------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
|              | Males      |      | Females    |      | Persons    |      | Males      |      | Females    |      | Persons    |      |
|              | Number     | Rate | Number     | Rate | Number     | Rate | Number     | Rate | Number     | Rate | Number     | Rate |
| 0-4          | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 5-9          | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 10-14        | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 15-19        | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  | 0          | 0.1  | 0          | 0.0  | 1          | 0.0  |
| 20-24        | 1          | 0.1  | 1          | 0.1  | 1          | 0.1  | 0          | 0.0  | 0          | 0.0  | 0          | 0.0  |
| 25-29        | 1          | 0.2  | 3          | 0.4  | 4          | 0.3  | 1          | 0.1  | 0          | 0.0  | 1          | 0.1  |
| 30-34        | 2          | 0.2  | 4          | 0.6  | 6          | 0.4  | 1          | 0.1  | 1          | 0.2  | 2          | 0.1  |
| 35-39        | 7          | 1.0  | 10         | 1.3  | 17         | 1.2  | 3          | 0.4  | 2          | 0.2  | 4          | 0.3  |
| 40-44        | 16         | 2.4  | 24         | 3.5  | 41         | 2.9  | 6          | 0.9  | 5          | 0.7  | 11         | 0.8  |
| 45-49        | 30         | 4.6  | 38         | 6.0  | 68         | 5.3  | 12         | 1.9  | 8          | 1.3  | 20         | 1.6  |
| 50-54        | 45         | 8.0  | 45         | 8.3  | 89         | 8.2  | 25         | 4.4  | 10         | 1.9  | 35         | 3.2  |
| 55-59        | 54         | 12.6 | 41         | 9.8  | 96         | 11.2 | 28         | 6.6  | 10         | 2.3  | 38         | 4.5  |
| 60-64        | 69         | 19.1 | 39         | 10.9 | 108        | 15.0 | 41         | 11.3 | 11         | 3.1  | 52         | 7.2  |
| 65-69        | 66         | 19.6 | 42         | 11.9 | 108        | 15.7 | 44         | 13.2 | 16         | 4.5  | 60         | 8.8  |
| 70-74        | 49         | 17.3 | 46         | 14.0 | 95         | 15.6 | 36         | 12.6 | 20         | 6.1  | 56         | 9.1  |
| 75-79        | 18         | 9.3  | 13         | 5.1  | 31         | 6.9  | 13         | 7.0  | 7          | 2.7  | 20         | 4.5  |
| 80-84        | 5          | 4.7  | 8          | 4.5  | 13         | 4.6  | 4          | 4.1  | 5          | 2.8  | 9          | 3.3  |
| 85 and over  | 3          | 5.2  | 7          | 4.7  | 10         | 4.9  | 3          | 5.5  | 6          | 3.9  | 9          | 4.3  |
| <b>Total</b> | <b>366</b> |      | <b>322</b> |      | <b>688</b> |      | <b>217</b> |      | <b>101</b> |      | <b>319</b> |      |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |           |           |           |           |           |           |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Crude rate              | 4.0       | 3.5       | 3.7       | 2.4       | 1.1       | 1.7       |
| 95% CI                  | 3.6 – 4.4 | 3.1 – 3.8 | 3.4 – 4.0 | 2.0 – 2.7 | 0.9 – 1.3 | 1.5 – 1.9 |
| AS Rate (Aust 1991)     | 3.9       | 3.2       | 3.5       | 2.3       | 1.0       | 1.6       |
| 95% CI                  | 3.5 – 4.3 | 2.8 – 3.5 | 3.3 – 3.8 | 2.0 – 2.7 | 0.8 – 1.2 | 1.5 – 1.8 |
| AS Rate (World)         | 3.3       | 2.7       | 3.0       | 1.9       | 0.8       | 1.3       |
| 95% CI                  | 2.9 – 3.6 | 2.4 – 3.0 | 2.7 – 3.2 | 1.6 – 2.2 | 0.6 – 0.9 | 1.2 – 1.5 |
| Lifetime risk (0-74)    | 1 in 236  | 1 in 299  | 1 in 264  | 1 in 389  | 1 in 980  | 1 in 562  |
| PYLL (0-74)             |           |           |           | 2,699     | 1,232     | 3,931     |
| Per cent of all cancers | 0.8       | 0.9       | 0.9       | 1.1       | 0.7       | 0.9       |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 125       | 3.9     | 107     | 3.2     | 231     | 3.6     | 71        | 2.2     | 34      | 1.0     | 105     | 1.6     |
| Vic | 89        | 3.9     | 81      | 3.2     | 169     | 3.6     | 54        | 2.4     | 28      | 1.1     | 82      | 1.7     |
| Qld | 69        | 4.3     | 52      | 3.1     | 121     | 3.7     | 37        | 2.4     | 16      | 0.9     | 53      | 1.6     |
| WA  | 32        | 4.0     | 28      | 3.3     | 60      | 3.6     | 19        | 2.4     | 9       | 1.0     | 28      | 1.7     |
| SA  | 24        | 3.1     | 26      | 3.1     | 50      | 3.0     | 14        | 1.8     | 9       | 1.0     | 23      | 1.4     |
| Tas | 8         | 3.5     | 8       | 3.2     | 17      | 3.3     | 6         | 2.3     | 3       | 1.0     | 8       | 1.6     |
| ACT | 4         | 3.3     | 4       | 3.2     | 8       | 3.3     | 2         | 2.2     | 1       | 1.1     | 4       | 1.6     |
| NT  | 4         | 7.8     | 2       | 2.8     | 6       | 5.6     | 2         | 4.6     | 0       | 1.3     | 3       | 3.1     |

**Notes**

- AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.
- Cancers attributable to alcohol are oropharynx, oesophagus, liver, larynx and female breast cancer.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.

**Table 27: Smoking-related cancers**
**Australia 1997**

| Age group    | Incidence    |       |              |       |               |       | Mortality    |       |              |       |              |       |
|--------------|--------------|-------|--------------|-------|---------------|-------|--------------|-------|--------------|-------|--------------|-------|
|              | Males        |       | Females      |       | Persons       |       | Males        |       | Females      |       | Persons      |       |
|              | Number       | Rate  | Number       | Rate  | Number        | Rate  | Number       | Rate  | Number       | Rate  | Number       | Rate  |
| 0-4          | 0            | 0.0   | 0            | 0.0   | 0             | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 5-9          | 0            | 0.0   | 0            | 0.0   | 0             | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 10-14        | 0            | 0.0   | 0            | 0.0   | 0             | 0.0   | 0            | 0.0   | 0            | 0.0   | 0            | 0.0   |
| 15-19        | 7            | 1.0   | 3            | 0.5   | 10            | 0.7   | 1            | 0.1   | 1            | 0.1   | 1            | 0.1   |
| 20-24        | 32           | 4.5   | 8            | 1.1   | 39            | 2.9   | 2            | 0.2   | 1            | 0.1   | 3            | 0.2   |
| 25-29        | 55           | 7.5   | 24           | 3.3   | 78            | 5.4   | 3            | 0.4   | 2            | 0.2   | 4            | 0.3   |
| 30-34        | 72           | 10.1  | 34           | 4.8   | 106           | 7.4   | 8            | 1.1   | 6            | 0.9   | 14           | 1.0   |
| 35-39        | 104          | 14.1  | 52           | 7.0   | 156           | 10.5  | 16           | 2.1   | 13           | 1.8   | 29           | 2.0   |
| 40-44        | 167          | 24.2  | 81           | 11.6  | 247           | 17.9  | 51           | 7.3   | 33           | 4.7   | 83           | 6.0   |
| 45-49        | 301          | 46.3  | 163          | 25.5  | 464           | 36.0  | 131          | 20.2  | 72           | 11.2  | 203          | 15.7  |
| 50-54        | 469          | 84.2  | 165          | 30.7  | 634           | 58.0  | 254          | 45.6  | 106          | 19.9  | 361          | 33.0  |
| 55-59        | 729          | 168.4 | 212          | 50.5  | 941           | 110.4 | 396          | 91.5  | 142          | 33.8  | 538          | 63.1  |
| 60-64        | 966          | 268.2 | 315          | 86.7  | 1,281         | 177.1 | 645          | 179.0 | 185          | 50.9  | 830          | 114.7 |
| 65-69        | 1,311        | 389.4 | 412          | 117.1 | 1,722         | 250.3 | 894          | 265.5 | 289          | 82.2  | 1,183        | 171.9 |
| 70-74        | 1,478        | 525.9 | 466          | 142.0 | 1,945         | 319.1 | 1,057        | 375.9 | 355          | 108.1 | 1,412        | 231.6 |
| 75-79        | 1,050        | 553.0 | 387          | 151.5 | 1,437         | 322.6 | 816          | 430.0 | 292          | 114.0 | 1,108        | 248.7 |
| 80-84        | 646          | 595.1 | 172          | 96.4  | 818           | 284.6 | 541          | 498.3 | 144          | 80.6  | 685          | 238.3 |
| 85 and over  | 378          | 590.6 | 134          | 89.7  | 512           | 240.1 | 337          | 526.1 | 120          | 80.3  | 456          | 214.2 |
| <b>Total</b> | <b>7,763</b> |       | <b>2,628</b> |       | <b>10,391</b> |       | <b>5,149</b> |       | <b>1,760</b> |       | <b>6,909</b> |       |

**Rates per 100,000 with 95 per cent confidence intervals (95% CI)**

|                         |             |             |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Crude rate              | 84.3        | 28.2        | 56.1        | 55.9        | 18.9        | 37.3        |
| 95% CI                  | 82.4 – 86.1 | 27.1 – 29.3 | 55.0 – 57.2 | 54.4 – 57.4 | 18.0 – 19.8 | 36.4 – 38.2 |
| AS Rate (Aust 1991)     | 86.3        | 25.2        | 52.9        | 58.1        | 16.5        | 35.0        |
| 95% CI                  | 84.4 – 88.3 | 24.3 – 26.2 | 51.9 – 53.9 | 56.5 – 59.7 | 15.8 – 17.3 | 34.1 – 35.8 |
| AS Rate (World)         | 62.1        | 19.2        | 39.2        | 39.9        | 12.1        | 24.8        |
| 95% CI                  | 60.6 – 63.5 | 18.4 – 19.9 | 38.4 – 40.0 | 38.8 – 41.0 | 11.5 – 12.7 | 24.2 – 25.4 |
| Lifetime risk (0-74)    | 1 in 13     | 1 in 42     | 1 in 21     | 1 in 21     | 1 in 64     | 1 in 32     |
| PYLL (0-74)             |             |             |             | 36,455      | 14,208      | 50,663      |
| Per cent of all cancers | 18.0        | 7.2         | 13.1        | 27.0        | 11.8        | 20.3        |

**Average annual numbers and rates by State and Territory 1993-1997**

|     | Incidence |         |         |         |         |         | Mortality |         |         |         |         |         |
|-----|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|
|     | Males     |         | Females |         | Persons |         | Males     |         | Females |         | Persons |         |
|     | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate | Number    | AS Rate | Number  | AS Rate | Number  | AS Rate |
| NSW | 2,502     | 81.6    | 848     | 24.1    | 3,350   | 50.7    | 1,764     | 58.2    | 591     | 16.4    | 2,355   | 35.3    |
| Vic | 1,941     | 89.0    | 642     | 24.7    | 2,583   | 53.6    | 1,350     | 62.8    | 464     | 17.5    | 1,814   | 37.3    |
| Qld | 1,461     | 96.8    | 434     | 25.7    | 1,894   | 58.8    | 931       | 63.1    | 271     | 15.9    | 1,202   | 37.4    |
| WA  | 634       | 84.8    | 217     | 25.3    | 851     | 52.3    | 449       | 61.9    | 151     | 17.5    | 600     | 37.2    |
| SA  | 639       | 83.2    | 202     | 22.2    | 840     | 49.4    | 448       | 58.6    | 138     | 14.7    | 585     | 33.9    |
| Tas | 226       | 96.6    | 74      | 27.7    | 300     | 58.8    | 154       | 66.5    | 51      | 18.9    | 205     | 39.8    |
| ACT | 65        | 63.9    | 28      | 23.3    | 93      | 41.4    | 51        | 55.0    | 20      | 16.7    | 71      | 33.3    |
| NT  | 50        | 114.8   | 17      | 40.7    | 67      | 80.1    | 34        | 90.6    | 12      | 30.9    | 46      | 61.6    |

**Notes**

- AS Rates use Australian 1991 Population Standard unless World Standard Population is indicated. All rates are expressed per 100,000 population.
- Cancers attributable to smoking are oropharynx, oesophagus, stomach, anus, pancreas, larynx, lung, uterus, cervix, vulva, penis, bladder, renal parenchyma and renal pelvis.

Source: *Cancer in Australia 1997*, AIHW & AACR 2000.