

# 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

- 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 those in previous issues of *Cancer in Australia* where age-standardisation used the World Standard Population.**
- The person-years of life lost (PYLL) and lifetime risk estimates are for age group 0–74.
- The confidence intervals used for crude and age-standardised rates are at the 95% level.
- The 'all cancers' 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 annual 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, though from year to year there may be marked fluctuations due to significant change in diagnostic procedures or exposure 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 mortality data are available to 1996 for all States and Territories. Incidence data for all cancer sites are available to 1994 for all States and Territories except Queensland for which data are available to 1990, although a preliminary data set for the period 1990–1994 has been provided for this publication. This preliminary data set is expected to be finalised by June 1998.

Breast cancer incidence data are available to 1996 for New South Wales, Victoria, Western Australia, South Australia, Tasmania and the Australian Capital Territory. Prostate cancer incidence data are available to 1996 for Victoria, Western Australia, South Australia and Tasmania. The extra years of data for breast and prostate cancer incidence have been incorporated into the national incidence projections for 1995 and 1996.

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 five-year averages 1987–1991, 1988–1992, 1989–1993 and 1990–1994. Care should be taken in the interpretation of these rates, especially for less common cancers or for States and Territories with small populations. 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. Consequently, the average annual number of cases or deaths for the States and Territories do not sum to the Australian totals for the years 1990–1994.

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. If single-year data are required for individual States and Territories then their annual reports may be consulted or direct requests can be made to the 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. Therefore, particular care should be taken not to compare these State and Territory rates with those in previous issues of *Cancer in Australia* where age-standardisation was done using the World Standard Population. However, the NCSCCH is able to provide State and Territory rates that have been age-standardised to the World Standard Population on request.

Cancer incidence estimates provided in this publication were made at November 1997. 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 trivial.



# Summary tables 1991–1994

- Summary tables for all cancer sites for each year.
- A complete set of tables for all cancer sites for each year is available on the floppy disk contained in the back of this publication.



**Table 6: Incidence summary table, 1991**

Australia 1991										
ICD-9	Cancer description	Males				Sex ratio M:F	Females			
		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent
140-208	All cancers (excluding NMVSC)	34,313	446.3	316.2	36.4	1.4	29,493	318.2	246.2	27.4
140	Lip	756	9.4	7.3	0.8	3.5	256	2.7	1.9	0.2
141	Tongue	220	2.7	2.2	0.3	2.2	115	1.2	0.9	0.1
142	Salivary gland	114	1.5	1.1	0.1	2.4	56	0.6	0.5	0.1
143	Gum	22	0.3	0.2	0.0	1.1	25	0.3	0.2	0.0
144	Floor of mouth	108	1.3	1.1	0.1	2.8	42	0.5	0.4	0.0
145	Other mouth	116	1.4	1.2	0.1	1.4	92	1.0	0.8	0.1
146	Oropharynx	171	2.1	1.7	0.2	3.3	57	0.6	0.5	0.1
147	Nasopharynx	70	0.8	0.7	0.1	3.6	21	0.2	0.2	0.0
148	Hypopharynx	142	1.7	1.4	0.2	7.2	22	0.2	0.2	0.0
149	Other lip, oral cavity and pharynx	47	0.6	0.5	0.1	4.5	12	0.1	0.1	0.0
141-149	Head and neck	1,010	12.3	9.9	1.2	2.6	442	4.8	3.8	0.5
150	Oesophagus	514	6.7	4.7	0.6	2.1	310	3.2	2.2	0.3
151	Stomach	1,152	15.2	10.4	1.2	2.4	632	6.4	4.4	0.5
152	Small intestine	96	1.2	0.9	0.1	1.5	76	0.8	0.6	0.1
153	Colon	3,144	40.9	28.9	3.4	1.3	3,021	31.5	22.3	2.6
154	Rectum	1,970	25.3	18.3	2.2	1.8	1,315	13.9	10.0	1.2
153-154	Colorectal	5,114	66.2	47.1	5.7	1.5	4,336	45.3	32.4	3.8
155	Liver	295	3.7	2.8	0.4	4.1	85	0.9	0.7	0.1
156	Gallbladder	210	2.8	1.9	0.2	0.9	298	3.1	2.1	0.2
157	Pancreas	678	9.0	6.2	0.7	1.4	646	6.6	4.5	0.5
158	Peritoneum	39	0.5	0.4	0.0	1.2	36	0.4	0.3	0.0
159	Other digestive organs	36	0.5	0.3	0.0	1.2	40	0.4	0.3	0.0
160	Nasal cavity	82	1.0	0.8	0.1	2.5	39	0.4	0.3	0.0
161	Larynx	500	6.2	4.8	0.6	8.8	65	0.7	0.5	0.1
162	Lung	4,953	64.0	45.5	5.8	3.2	1,871	20.0	15.0	2.0
163	Pleura	235	3.0	2.2	0.3	7.1	40	0.4	0.3	0.0
164	Other respiratory organs	27	0.3	0.3	0.0	1.4	22	0.2	0.2	0.0
170	Bone	90	1.1	1.0	0.1	1.7	57	0.6	0.6	0.0
171	Connective tissue	325	4.1	3.1	0.3	1.9	196	2.1	1.8	0.2
172	Skin—melanoma	3,152	39.0	30.5	3.3	1.3	2,739	30.6	25.2	2.6
173	Skin—non-melanocytic (NMVSC)*									
174-175	Breast	58	0.8	0.5	0.1	<0.01	7,895	87.2	70.7	7.9
180	Cervix						1,072	12.1	9.9	1.0
181	Placenta						6	0.1	0.1	0.0
179+182	Uterus						1,173	12.8	10.1	1.3
183	Ovary						997	10.9	8.8	1.0
184	Other female genital organs						240	2.5	1.8	0.2
#	Gynaecological						3,482	38.3	30.5	3.4
185	Prostate	6,543	91.2	55.2	6.2					
186	Testis	443	5.1	4.6	0.4					
187	Penis & other male genital organs	70	0.9	0.7	0.1					
188	Bladder	1,457	19.5	12.9	1.5	3.8	504	5.1	3.5	0.4
189	Kidney	1,002	12.8	9.4	1.1	1.8	647	6.9	5.3	0.6
190	Eye	102	1.2	1.1	0.1	1.1	98	1.1	0.9	0.1
191	Brain	607	7.4	6.2	0.6	1.3	495	5.5	4.8	0.5
192	Other nervous system	38	0.5	0.4	0.0	1.4	29	0.3	0.3	0.0
193	Thyroid	152	1.8	1.5	0.1	0.4	398	4.6	3.9	0.4
194	Other endocrine	38	0.4	0.5	0.0	1.2	32	0.4	0.5	0.0
195-199	Unknown primary site	1,597	21.0	14.5	1.7	1.5	1,393	14.2	9.8	1.0
200+202	Non-Hodgkin's lymphoma	1,384	17.5	13.2	1.4	1.5	1,109	11.8	8.8	1.0
201	Hodgkin's disease	180	2.1	1.9	0.2	1.3	142	1.6	1.4	0.1
200-202	Lymphoma	1,564	19.6	15.1	1.6	1.5	1,251	13.4	10.2	1.1
203	Multiple myeloma	384	5.0	3.5	0.4	1.5	318	3.3	2.3	0.3
204	Lymphatic leukaemia	474	6.0	5.1	0.5	1.6	342	3.7	3.2	0.3
205	Myeloid leukaemia	432	5.7	4.1	0.4	1.6	342	3.6	2.8	0.3
206	Monocytic leukaemia	10	0.1	0.1	0.0	0.9	15	0.2	0.2	0.0
207-208	Other and unspecified leukaemia	78	1.0	0.7	0.1	1.7	60	0.6	0.4	0.0
204-208	Leukaemia	994	12.8	10.1	1.0	1.6	759	8.0	6.6	0.6
#	Alcohol-related	323	3.9	3.3	0.4	1.3	255	2.9	2.4	0.3
#	Smoking-related	6,947	88.7	64.8	8.1	3.8	2,145	23.3	18.0	2.3

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

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

# See Appendix A for ICD-9 codes.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 7: Mortality summary table, 1991**

Australia 1991		Males				Females				
ICD-9	Cancer description	Number	AS Rate	AS Rate	PYLL (<75 yrs)	Sex ratio M:F	Number	AS Rate	AS Rate	PYLL (<75 yrs)
			(A)	(W)				(A)	(W)	
140-208	All cancers (excluding NMSC)	17,290	231.0	155.7	141,903	1.6	13,637	141.9	101.4	118,960
140	Lip	13	0.2	0.1	115	7.0	3	0.0	0.0	3
141	Tongue	115	1.4	1.1	1,320	2.6	56	0.6	0.4	408
142	Salivary gland	45	0.6	0.4	365	2.4	27	0.3	0.2	125
143	Gum	9	0.1	0.1	93	1.6	8	0.1	0.1	35
144	Floor of mouth	32	0.4	0.3	410	2.6	15	0.2	0.1	58
145	Other mouth	34	0.4	0.3	330	1.4	29	0.3	0.2	210
146	Oropharynx	103	1.3	1.0	1,393	3.6	33	0.4	0.3	293
147	Nasopharynx	49	0.6	0.5	720	4.5	13	0.1	0.1	165
148	Hypopharynx	67	0.8	0.6	688	12.8	6	0.1	0.1	78
149	Other lip, oral cavity and pharynx	18	0.2	0.2	185	2.2	9	0.1	0.1	88
141-149	Head and neck	472	5.9	4.5	5,503	3.0	196	2.0	1.4	1,458
150	Oesophagus	519	6.8	4.7	4,288	2.4	277	2.8	1.8	1,255
151	Stomach	788	10.7	6.9	5,315	2.2	489	4.9	3.2	3,025
152	Small intestine	40	0.5	0.4	395	1.5	32	0.3	0.3	358
153	Colon	1,566	20.9	14.2	12,195	1.4	1,501	15.3	10.4	9,590
154	Rectum	647	8.5	5.9	5,408	1.7	482	4.9	3.3	3,190
153-154	Colorectal	2,213	29.4	20.0	17,603	1.5	1,983	20.2	13.7	12,780
155	Liver	297	3.7	2.7	3,290	2.7	134	1.4	1.0	955
156	Gallbladder	136	1.8	1.2	1,038	0.8	221	2.2	1.5	1,220
157	Pancreas	710	9.5	6.4	5,105	1.4	665	6.7	4.4	3,783
158	Peritoneum	20	0.3	0.2	178	0.9	27	0.3	0.2	153
159	Other digestive organs	130	1.8	1.1	898	1.6	116	1.1	0.7	395
160	Nasal cavity	27	0.3	0.2	263	2.1	16	0.2	0.1	148
161	Larynx	218	2.8	2.1	1,985	7.0	38	0.4	0.3	263
162	Lung	4,518	59.1	40.8	33,608	3.2	1,729	18.4	13.5	13,783
163	Pleura	124	1.6	1.1	895	5.9	26	0.3	0.2	143
164	Other respiratory organs	16	0.2	0.2	298	1.6	13	0.1	0.1	95
170	Bone	45	0.6	0.5	1,143	1.5	36	0.4	0.3	545
171	Connective tissue	108	1.4	1.0	1,790	1.5	87	0.9	0.7	1,180
172	Skin—melanoma	512	6.5	4.8	6,895	2.1	292	3.1	2.4	4,008
173	Skin—non-melanocytic (NMSC)	200	2.8	1.8	2,315	4.4	66	0.6	0.4	230
174-175	Breast	15	0.2	0.1	98	<0.01	2,525	27.1	20.9	30,718
180	Cervix						331	3.6	2.7	4,895
181	Placenta						0	0.0	0.0	0
179+182	Uterus						251	2.6	1.7	1,343
183	Ovary						722	7.7	5.8	6,860
184	Other female genital organs						74	0.7	0.5	385
#	Gynaecological						1,378	14.5	10.7	13,483
185	Prostate	2,142	31.6	17.8	5,948					
186	Testis	29	0.4	0.3	738					
187	Penis & other male genital organs	18	0.3	0.2	123					
188	Bladder	483	6.9	4.2	2,275	3.1	229	2.2	1.3	720
189	Kidney	411	5.3	3.7	4,068	1.5	342	3.5	2.5	2,540
190	Eye	15	0.2	0.1	163	1.7	11	0.1	0.1	143
191	Brain	502	6.2	4.9	8,490	1.5	382	4.2	3.4	6,410
192	Other nervous system	9	0.1	0.1	243	0.8	13	0.1	0.1	228
193	Thyroid	26	0.3	0.2	280	1.0	33	0.3	0.2	160
194	Other endocrine	26	0.3	0.3	870	1.4	19	0.2	0.2	458
195-199	Unknown primary site	1,094	14.6	9.9	8,253	1.5	975	9.8	6.5	6,003
200+202	Non-Hodgkin's lymphoma	663	8.6	6.1	7,973	1.5	569	5.9	4.0	4,285
201	Hodgkin's disease	47	0.6	0.5	1,083	1.4	38	0.4	0.3	748
200-202	Lymphoma	710	9.2	6.6	9,055	1.5	607	6.3	4.3	5,033
203	Multiple myeloma	270	3.7	2.3	1,730	1.5	235	2.4	1.5	1,133
204	Lymphatic leukaemia	197	2.6	1.9	3,453	1.8	145	1.5	1.1	1,830
205	Myeloid leukaemia	408	5.4	3.7	5,268	1.6	332	3.5	2.5	4,260
206	Monocytic leukaemia	2	0.0	0.0	100	0.3	9	0.1	0.0	28
207-208	Other and unspecified leukaemia	27	0.4	0.2	153	1.9	22	0.2	0.2	273
204-208	Leukaemia	634	8.4	5.9	8,973	1.6	508	5.2	3.8	6,390
#	Alcohol-related	196	2.4	2.0	2,601	2.2	96	1.1	0.9	1,193
#	Smoking-related	5,161	67.1	47.1	41,997	3.7	1,677	18.0	13.5	15,501

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.



**Table 8: Incidence summary table, 1992**

Australia 1992										
ICD-9	Cancer description	Males				Sex ratio M:F	Females			
		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent
140-208	All cancers (excluding NMSC)	36,463	463.7	327.2	37.4	1.5	30,239	319.2	247.2	27.4
140	Lip	811	9.8	7.6	0.8	3.0	321	3.3	2.4	0.3
141	Tongue	233	2.8	2.3	0.3	2.0	128	1.4	1.1	0.1
142	Salivary gland	120	1.6	1.1	0.1	2.2	67	0.7	0.5	0.1
143	Gum	18	0.2	0.2	0.0	1.0	22	0.2	0.1	0.0
144	Floor of mouth	119	1.4	1.2	0.1	2.5	52	0.5	0.4	0.0
145	Other mouth	133	1.6	1.3	0.2	1.5	99	1.0	0.8	0.1
146	Oropharynx	170	2.0	1.7	0.2	4.1	47	0.5	0.4	0.0
147	Nasopharynx	74	0.9	0.7	0.1	2.5	31	0.3	0.3	0.0
148	Hypopharynx	142	1.7	1.4	0.2	9.1	18	0.2	0.1	0.0
149	Other lip, oral cavity and pharynx	54	0.7	0.5	0.1	3.7	17	0.2	0.1	0.0
141-149	Head and neck	1,063	12.7	10.2	1.3	2.5	481	5.1	3.9	0.5
150	Oesophagus	502	6.4	4.6	0.6	2.0	322	3.2	2.1	0.2
151	Stomach	1,180	15.3	10.4	1.2	2.5	605	6.0	4.1	0.4
152	Small intestine	86	1.1	0.8	0.1	1.4	73	0.8	0.6	0.1
153	Colon	3,193	40.7	28.6	3.4	1.3	3,040	31.0	22.2	2.6
154	Rectum	1,981	24.9	18.0	2.2	1.8	1,371	14.1	10.4	1.2
153-154	Colorectal	5,174	65.7	46.6	5.5	1.5	4,411	45.2	32.6	3.9
155	Liver	321	4.0	3.0	0.4	3.9	98	1.0	0.8	0.1
156	Gallbladder	210	2.7	1.8	0.2	0.9	286	2.9	2.0	0.2
157	Pancreas	713	9.2	6.3	0.7	1.4	682	6.8	4.6	0.5
158	Peritoneum	39	0.5	0.4	0.0	0.9	47	0.5	0.4	0.1
159	Other digestive organs	33	0.4	0.3	0.0	1.0	48	0.5	0.3	0.0
160	Nasal cavity	87	1.1	0.8	0.1	3.9	26	0.3	0.2	0.0
161	Larynx	569	7.0	5.3	0.7	12.0	53	0.6	0.5	0.1
162	Lung	4,968	62.9	44.3	5.6	3.1	1,939	20.3	15.0	1.9
163	Pleura	274	3.5	2.4	0.3	9.9	34	0.3	0.3	0.0
164	Other respiratory organs	43	0.5	0.4	0.0	1.7	27	0.3	0.3	0.0
170	Bone	99	1.2	1.1	0.1	1.7	62	0.7	0.7	0.1
171	Connective tissue	340	4.2	3.2	0.3	1.8	214	2.3	1.9	0.2
172	Skin—melanoma	3,418	41.3	32.4	3.5	1.3	2,937	32.0	26.3	2.7
173	Skin—non-melanocytic (NMSC)*									
174-175	Breast	49	0.6	0.4	0.0	<0.01	7,925	85.5	69.4	7.7
180	Cervix						1,030	11.4	9.4	1.0
181	Placenta						7	0.1	0.1	0.0
179+182	Uterus						1,210	12.9	10.3	1.3
183	Ovary						1,005	10.8	8.8	1.0
184	Other female genital organs						217	2.2	1.6	0.2
#	Gynaecological						3,462	37.4	30.1	3.4
185	Prostate	7,694	103.5	63.4	7.2					
186	Testis	473	5.4	4.7	0.4					
187	Penis & other male genital organs	59	0.7	0.5	0.1					
188	Bladder	1,619	21.1	14.0	1.6	4.0	528	5.3	3.6	0.4
189	Kidney	980	12.2	9.0	1.1	1.6	717	7.5	5.7	0.7
190	Eye	89	1.1	0.9	0.1	1.1	92	1.0	0.8	0.1
191	Brain	672	8.0	6.8	0.7	1.5	480	5.2	4.5	0.5
192	Other nervous system	31	0.4	0.4	0.0	1.3	25	0.3	0.3	0.0
193	Thyroid	170	2.0	1.7	0.2	0.4	474	5.3	4.5	0.4
194	Other endocrine	39	0.4	0.5	0.0	1.0	39	0.4	0.5	0.0
195-199	Unknown primary site	1,549	20.1	13.6	1.5	1.4	1,415	14.0	9.5	1.0
200+202	Non-Hodgkin's lymphoma	1,478	18.3	13.7	1.5	1.5	1,169	12.2	9.2	1.0
201	Hodgkin's disease	195	2.3	2.0	0.2	1.2	174	2.0	1.7	0.1
200-202	Lymphoma	1,673	20.5	15.7	1.6	1.4	1,343	14.2	10.9	1.2
203	Multiple myeloma	395	5.1	3.5	0.4	1.6	313	3.2	2.2	0.3
204	Lymphatic leukaemia	449	5.6	4.7	0.4	1.7	308	3.3	3.0	0.3
205	Myeloid leukaemia	489	6.2	4.4	0.5	1.6	370	3.8	2.9	0.3
206	Monocytic leukaemia	16	0.2	0.2	0.0	3.1	7	0.1	0.0	0.0
207-208	Other and unspecified leukaemia	87	1.1	0.8	0.1	1.6	68	0.7	0.5	0.1
204-208	Leukaemia	1,041	13.2	10.1	1.0	1.7	753	7.9	6.4	0.6
#	Alcohol-related	340	4.0	3.4	0.4	1.4	255	2.8	2.4	0.3
#	Smoking-related	7,130	89.0	64.8	8.1	3.8	2,217	23.6	18.0	2.2

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

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 9: Mortality summary table, 1992**

Australia 1992		Males				Females				
ICD-9	Cancer description	Number	AS Rate	AS Rate	PYLL (<75 yrs)	Sex ratio M:F	Number	AS Rate	AS Rate	PYLL (<75 yrs)
			(A)	(W)				(A)	(W)	
140-208	All cancers (excluding NMSC)	17,925	233.4	157.4	143,810	1.7	13,592	137.9	98.5	118,848
140	Lip	12	0.2	0.1	95	3.3	5	0.0	0.0	13
141	Tongue	116	1.4	1.1	1,440	3.0	46	0.5	0.3	340
142	Salivary gland	29	0.4	0.2	140	2.8	14	0.1	0.1	85
143	Gum	10	0.1	0.1	93	2.3	6	0.1	0.0	18
144	Floor of mouth	40	0.5	0.4	483	2.9	17	0.2	0.1	90
145	Other mouth	42	0.5	0.4	360	2.2	24	0.2	0.2	110
146	Oropharynx	97	1.2	0.9	1,118	3.6	31	0.3	0.3	280
147	Nasopharynx	51	0.6	0.5	833	3.9	15	0.2	0.1	203
148	Hypopharynx	64	0.8	0.6	513	12.9	6	0.1	0.0	40
149	Other lip, oral cavity and pharynx	21	0.3	0.2	223	6.1	4	0.0	0.0	33
141-149	Head and neck	470	5.8	4.4	5,200	3.5	163	1.7	1.2	1,198
150	Oesophagus	555	7.1	5.0	4,778	2.8	258	2.5	1.6	1,150
151	Stomach	753	9.9	6.5	5,383	2.1	478	4.7	3.1	3,000
152	Small intestine	39	0.5	0.4	410	1.6	32	0.3	0.2	165
153	Colon	1,641	21.5	14.4	12,125	1.4	1,548	15.4	10.5	9,898
154	Rectum	657	8.5	5.8	5,325	2.0	426	4.3	3.0	3,075
153-154	Colorectal	2,298	30.0	20.3	17,450	1.5	1,974	19.6	13.4	12,973
155	Liver	332	4.2	3.0	2,998	3.0	136	1.4	1.0	1,063
156	Gallbladder	118	1.6	1.0	645	0.7	215	2.1	1.4	1,155
157	Pancreas	724	9.4	6.4	5,635	1.3	718	7.1	4.7	3,883
158	Peritoneum	19	0.2	0.2	270	0.8	24	0.3	0.2	380
159	Other digestive organs	125	1.7	1.1	905	1.4	120	1.1	0.7	578
160	Nasal cavity	35	0.5	0.3	295	3.1	15	0.2	0.1	165
161	Larynx	240	3.0	2.2	2,205	11.7	24	0.3	0.2	183
162	Lung	4,638	59.1	40.9	34,175	3.3	1,720	17.8	12.8	12,740
163	Pleura	154	2.0	1.4	1,268	8.0	23	0.2	0.2	268
164	Other respiratory organs	21	0.3	0.2	465	1.7	14	0.1	0.1	140
170	Bone	56	0.7	0.6	1,438	2.0	34	0.3	0.3	623
171	Connective tissue	120	1.5	1.1	1,950	1.6	92	1.0	0.8	1,590
172	Skin—melanoma	523	6.6	4.7	6,845	1.8	344	3.6	2.7	4,768
173	Skin—non-melanocytic (NMSC)	286	3.9	2.5	2,813	4.8	87	0.8	0.5	290
174-175	Breast	19	0.3	0.2	110	<0.01	2,428	25.3	19.4	29,250
180	Cervix						322	3.4	2.6	4,680
181	Placenta						0	0.0	0.0	0
179+182	Uterus						237	2.3	1.6	1,428
183	Ovary						674	7.0	5.3	6,720
184	Other female genital organs						56	0.5	0.3	260
#	Gynaecological						1,289	13.3	9.8	13,088
185	Prostate	2,337	33.2	18.9	6,660					
186	Testis	25	0.3	0.2	680					
187	Penis & other male genital organs	14	0.2	0.1	113					
188	Bladder	498	6.9	4.1	2,275	3.2	225	2.1	1.4	883
189	Kidney	409	5.2	3.6	3,585	1.7	304	3.0	2.0	1,820
190	Eye	12	0.1	0.1	95	0.8	17	0.2	0.1	303
191	Brain	542	6.5	5.2	9,103	1.4	416	4.5	3.7	7,400
192	Other nervous system	16	0.2	0.2	298	2.8	7	0.1	0.0	38
193	Thyroid	37	0.5	0.3	465	1.1	45	0.4	0.3	223
194	Other endocrine	24	0.3	0.3	620	1.4	18	0.2	0.2	573
195-199	Unknown primary site	1,095	14.4	9.4	7,575	1.4	1,021	10.0	6.6	5,665
200+202	Non-Hodgkin's lymphoma	681	8.8	6.1	7,740	1.5	586	5.9	4.0	4,478
201	Hodgkin's disease	41	0.5	0.4	988	1.1	40	0.4	0.3	775
200-202	Lymphoma	722	9.3	6.5	8,728	1.5	626	6.3	4.3	5,253
203	Multiple myeloma	278	3.7	2.4	1,865	1.4	264	2.6	1.7	1,293
204	Lymphatic leukaemia	216	2.8	2.1	3,978	1.6	171	1.7	1.4	2,618
205	Myeloid leukaemia	411	5.3	3.7	5,023	1.5	341	3.5	2.5	4,130
206	Monocytic leukaemia	6	0.1	0.1	58	1.6	6	0.1	0.0	8
207-208	Other and unspecified leukaemia	32	0.4	0.3	175	1.8	25	0.2	0.2	278
204-208	Leukaemia	665	8.6	6.1	9,233	1.6	543	5.5	4.1	7,033
#	Alcohol-related	209	2.5	2.1	2,615	2.6	90	1.0	0.8	1,129
#	Smoking-related	5,124	65.0	45.6	40,485	4.1	1,520	15.9	11.7	12,858

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 10: Incidence summary table, 1993**

Australia 1993										
ICD-9	Cancer description	Males				Sex ratio M:F	Females			
		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent
140-208	All cancers (excluding NMSC)	39,742	492.6	347.4	40.9	1.5	31,050	321.4	249.9	28.0
140	Lip	706	8.4	6.5	0.7	3.6	234	2.4	1.7	0.2
141	Tongue	243	2.9	2.3	0.3	2.6	107	1.1	0.8	0.1
142	Salivary gland	114	1.4	1.1	0.1	1.9	68	0.7	0.5	0.1
143	Gum	22	0.3	0.2	0.0	1.2	23	0.2	0.2	0.0
144	Floor of mouth	114	1.3	1.1	0.1	3.2	38	0.4	0.3	0.0
145	Other mouth	131	1.5	1.2	0.2	1.9	77	0.8	0.6	0.1
146	Oropharynx	138	1.6	1.3	0.2	3.2	49	0.5	0.4	0.1
147	Nasopharynx	81	0.9	0.8	0.1	3.2	27	0.3	0.3	0.0
148	Hypopharynx	156	1.8	1.5	0.2	6.9	27	0.3	0.2	0.0
149	Other lip, oral cavity and pharynx	49	0.6	0.5	0.1	3.4	17	0.2	0.1	0.0
141-149	Head and neck	1,048	12.3	10.0	1.2	2.8	433	4.4	3.5	0.4
150	Oesophagus	536	6.6	4.7	0.6	2.0	344	3.3	2.2	0.2
151	Stomach	1,214	15.3	10.4	1.2	2.7	584	5.7	3.9	0.4
152	Small intestine	88	1.1	0.8	0.1	1.8	57	0.6	0.5	0.1
153	Colon	3,180	39.5	27.9	3.3	1.3	3,040	30.3	21.7	2.5
154	Rectum	2,026	24.7	18.0	2.2	1.8	1,352	13.6	10.0	1.2
153-154	Colorectal	5,206	64.1	45.9	5.6	1.5	4,392	43.9	31.6	3.7
155	Liver	352	4.2	3.2	0.4	3.3	124	1.3	0.9	0.1
156	Gallbladder	198	2.4	1.7	0.2	0.9	294	2.9	2.0	0.2
157	Pancreas	734	9.2	6.3	0.8	1.3	708	6.9	4.6	0.5
158	Peritoneum	45	0.5	0.4	0.0	1.1	45	0.5	0.4	0.0
159	Other digestive organs	39	0.5	0.3	0.0	1.1	52	0.5	0.3	0.0
160	Nasal cavity	101	1.2	0.9	0.1	3.3	36	0.4	0.3	0.0
161	Larynx	525	6.3	4.8	0.6	11.1	54	0.6	0.4	0.1
162	Lung	4,913	60.7	42.5	5.5	2.9	2,053	21.0	15.5	2.0
163	Pleura	282	3.5	2.5	0.3	6.7	51	0.5	0.4	0.0
164	Other respiratory organs	33	0.4	0.3	0.0	1.6	24	0.2	0.2	0.0
170	Bone	89	1.0	0.9	0.1	1.4	65	0.7	0.7	0.1
171	Connective tissue	309	3.7	2.9	0.3	1.7	212	2.2	1.8	0.2
172	Skin—melanoma	3,642	43.2	33.7	3.7	1.3	3,023	32.5	26.8	2.8
173	Skin—non-melanocytic (NMSC)*									
174-175	Breast	63	0.8	0.6	0.1	<0.01	8,607	91.3	74.6	8.5
180	Cervix						1,002	10.9	9.0	0.9
181	Placenta						5	0.1	0.1	0.0
179+182	Uterus						1,235	12.9	10.2	1.2
183	Ovary						1,068	11.2	8.9	1.0
184	Other female genital organs						229	2.3	1.6	0.2
#	Gynaecological						3,534	37.3	29.7	3.4
185	Prostate	10,860	139.9	88.2	10.8					
186	Testis	458	5.2	4.5	0.4					
187	Penis & other male genital organs	75	0.9	0.7	0.1					
188	Bladder	1,668	21.1	14.2	1.7	3.8	567	5.6	3.8	0.4
189	Kidney	996	12.1	9.0	1.1	1.8	669	6.8	5.2	0.6
190	Eye	120	1.4	1.2	0.1	1.7	80	0.9	0.7	0.1
191	Brain	616	7.2	6.2	0.6	1.3	513	5.4	4.6	0.5
192	Other nervous system	30	0.3	0.3	0.0	1.2	27	0.3	0.3	0.0
193	Thyroid	137	1.6	1.3	0.1	0.3	496	5.5	4.7	0.4
194	Other endocrine	42	0.5	0.6	0.0	1.3	33	0.4	0.4	0.0
195-199	Unknown primary site	1,557	19.7	13.5	1.5	1.5	1,365	13.3	9.2	1.0
200+202	Non-Hodgkin's lymphoma	1,492	17.9	13.6	1.5	1.5	1,154	11.8	8.8	1.0
201	Hodgkin's disease	194	2.2	2.0	0.2	1.3	152	1.7	1.5	0.1
200-202	Lymphoma	1,686	20.2	15.7	1.6	1.5	1,306	13.5	10.3	1.1
203	Multiple myeloma	422	5.3	3.7	0.4	1.6	317	3.2	2.3	0.3
204	Lymphatic leukaemia	420	5.1	4.3	0.4	1.7	286	2.9	2.7	0.2
205	Myeloid leukaemia	443	5.5	3.9	0.4	1.4	395	4.0	3.1	0.3
206	Monocytic leukaemia	10	0.1	0.1	0.0	2.4	6	0.1	0.0	0.0
207-208	Other and unspecified leukaemia	78	1.0	0.7	0.1	1.8	59	0.6	0.4	0.0
204-208	Leukaemia	951	11.8	9.0	0.9	1.6	746	7.6	6.2	0.6
#	Alcohol-related	337	3.9	3.3	0.4	1.3	276	3.0	2.5	0.3
#	Smoking-related	7,030	85.8	62.2	7.8	3.7	2,243	23.4	17.8	2.2

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

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 11: Mortality summary table, 1993**

Australia 1993										
ICD-9	Cancer description	Males				Sex ratio M:F	Females			
		Number	AS Rate (A)	AS Rate (W)	PYLL (<75 yrs)		Number	AS Rate (A)	AS Rate (W)	PYLL (<75 yrs)
140-208	All cancers (excluding NMSC)	18,102	230.5	154.6	141,993	1.7	14,049	139.2	99.0	118,478
140	Lip	12	0.2	0.1	78	20.6	1	0.0	0.0	0
141	Tongue	116	1.4	1.1	1,485	2.4	56	0.6	0.4	483
142	Salivary gland	42	0.5	0.4	358	2.8	20	0.2	0.1	160
143	Gum	4	0.0	0.0	48	0.8	6	0.1	0.0	80
144	Floor of mouth	39	0.5	0.4	453	3.1	15	0.1	0.1	83
145	Other mouth	23	0.3	0.2	228	1.1	24	0.2	0.2	145
146	Oropharynx	102	1.2	1.0	1,230	3.5	33	0.3	0.2	255
147	Nasopharynx	42	0.5	0.4	588	2.8	18	0.2	0.1	248
148	Hypopharynx	57	0.7	0.5	623	4.2	16	0.2	0.1	145
149	Other lip, oral cavity and pharynx	26	0.3	0.2	348	3.2	9	0.1	0.1	98
141-149	Head and neck	451	5.3	4.2	5,358	2.7	197	2.0	1.4	1,695
150	Oesophagus	549	6.9	4.8	4,400	2.6	279	2.6	1.7	1,258
151	Stomach	786	10.2	6.6	5,305	2.4	446	4.2	2.8	2,663
152	Small intestine	26	0.3	0.2	213	0.9	35	0.3	0.2	335
153	Colon	1,682	21.4	14.4	12,513	1.4	1,607	15.5	10.6	10,205
154	Rectum	658	8.3	5.8	5,278	1.8	480	4.6	3.1	2,668
153-154	Colorectal	2,340	29.7	20.1	17,790	1.5	2,087	20.1	13.7	12,873
155	Liver	354	4.3	3.2	3,428	3.0	147	1.4	1.0	1,153
156	Gallbladder	107	1.4	0.9	525	0.8	190	1.8	1.2	1,005
157	Pancreas	754	9.5	6.5	5,688	1.4	722	7.0	4.6	3,913
158	Peritoneum	25	0.3	0.2	288	1.1	25	0.3	0.2	263
159	Other digestive organs	89	1.1	0.8	570	1.3	90	0.9	0.6	440
160	Nasal cavity	31	0.4	0.3	383	2.1	17	0.2	0.1	133
161	Larynx	219	2.7	1.9	1,660	9.4	28	0.3	0.2	240
162	Lung	4,522	56.4	38.8	32,665	3.0	1,828	18.5	13.3	13,435
163	Pleura	166	2.0	1.5	1,605	9.1	22	0.2	0.2	235
164	Other respiratory organs	17	0.2	0.2	243	2.1	10	0.1	0.1	33
170	Bone	53	0.6	0.5	1,353	1.3	48	0.5	0.4	1,170
171	Connective tissue	100	1.2	0.9	1,385	1.2	102	1.1	0.9	1,783
172	Skin—melanoma	581	7.1	5.2	8,123	2.6	272	2.7	2.0	2,985
173	Skin—non-melanocytic (NMSC)	270	3.5	2.3	2,465	3.8	104	0.9	0.6	448
174-175	Breast	15	0.2	0.1	60	<0.01	2,611	26.6	20.3	30,005
180	Cervix						318	3.3	2.6	4,925
181	Placenta						1	0.0	0.0	38
179+182	Uterus						253	2.5	1.7	1,508
183	Ovary						718	7.3	5.4	6,233
184	Other female genital organs						77	0.7	0.5	460
#	Gynaecological						1,366	13.8	10.1	9,708
185	Prostate	2,538	35.1	19.7	6,475					
186	Testis	16	0.2	0.2	560					
187	Penis & other male genital organs	12	0.1	0.1	130					
188	Bladder	533	7.3	4.3	2,028	3.4	233	2.1	1.3	705
189	Kidney	406	5.1	3.5	3,568	1.5	340	3.4	2.3	2,130
190	Eye	12	0.2	0.1	90	1.0	17	0.2	0.1	98
191	Brain	534	6.3	5.1	9,645	1.6	381	4.0	3.1	5,658
192	Other nervous system	11	0.1	0.1	213	1.7	7	0.1	0.1	220
193	Thyroid	30	0.4	0.2	308	0.8	48	0.5	0.3	338
194	Other endocrine	31	0.4	0.4	1,023	1.7	20	0.2	0.2	733
195-199	Unknown primary site	1,038	13.3	8.8	7,150	1.3	1,051	10.0	6.6	6,068
200+202	Non-Hodgkin's lymphoma	722	9.0	6.3	8,513	1.5	623	6.1	4.2	4,925
201	Hodgkin's disease	59	0.7	0.5	1,238	2.9	24	0.2	0.2	475
200-202	Lymphoma	781	9.7	6.8	9,750	1.5	647	6.4	4.4	5,400
203	Multiple myeloma	304	3.9	2.5	1,883	1.7	242	2.3	1.6	1,268
204	Lymphatic leukaemia	211	2.8	1.9	2,948	1.6	171	1.7	1.3	2,895
205	Myeloid leukaemia	419	5.3	3.6	4,700	1.6	346	3.4	2.5	3,945
206	Monocytic leukaemia	6	0.1	0.0	70	1.7	5	0.0	0.0	0
207-208	Other and unspecified leukaemia	23	0.3	0.2	340	1.7	17	0.2	0.1	248
204-208	Leukaemia	659	8.5	5.8	8,058	1.6	539	5.3	3.9	7,088
#	Alcohol-related	203	2.4	2.0	2,538	2.3	97	1.0	0.8	1,194
#	Smoking-related	5,003	62.3	43.4	38,337	3.8	1,614	16.5	12.2	13,524

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 12: Incidence summary table, 1994**

Australia 1994										
ICD-9	Cancer description	Males				Sex ratio M:F	Females			
		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent		Number	AS Rate (A)	AS Rate (W)	Cum. rate per cent
140-208	All cancers (excluding NMSC)	42,619	515.9	364.4	43.1	1.5	32,879	333.8	259.7	29.2
140	Lip	668	7.8	6.0	0.6	3.1	255	2.5	1.8	0.2
141	Tongue	235	2.7	2.2	0.3	2.0	135	1.4	1.1	0.1
142	Salivary gland	116	1.4	1.0	0.1	2.1	63	0.6	0.5	0.1
143	Gum	26	0.3	0.2	0.0	1.7	19	0.2	0.1	0.0
144	Floor of mouth	123	1.4	1.1	0.1	3.1	43	0.5	0.4	0.0
145	Other mouth	131	1.5	1.2	0.2	1.6	92	0.9	0.7	0.1
146	Oropharynx	151	1.7	1.4	0.2	3.7	45	0.5	0.4	0.0
147	Nasopharynx	72	0.8	0.6	0.1	1.9	40	0.4	0.4	0.0
148	Hypopharynx	144	1.7	1.3	0.2	7.7	22	0.2	0.2	0.0
149	Other lip, oral cavity and pharynx	38	0.4	0.4	0.0	2.2	20	0.2	0.1	0.0
141-149	Head and neck	1,036	11.9	9.5	1.2	2.5	479	4.9	3.8	0.4
150	Oesophagus	578	7.0	5.0	0.6	2.2	340	3.2	2.0	0.2
151	Stomach	1,199	14.7	9.9	1.1	2.5	620	5.9	4.0	0.4
152	Small intestine	96	1.2	0.8	0.1	1.6	73	0.7	0.6	0.1
153	Colon	3,331	40.5	28.4	3.4	1.3	3,123	30.4	21.7	2.5
154	Rectum	2,102	25.1	18.2	2.2	1.7	1,460	14.4	10.6	1.3
153-154	Colorectal	5,433	65.6	46.6	5.6	1.5	4,583	44.9	32.3	3.8
155	Liver	350	4.1	3.1	0.4	3.1	136	1.3	1.0	0.1
156	Gallbladder	236	2.9	1.9	0.2	1.0	304	2.8	1.9	0.2
157	Pancreas	767	9.3	6.5	0.8	1.4	708	6.7	4.5	0.5
158	Peritoneum	46	0.5	0.4	0.0	1.2	46	0.5	0.4	0.0
159	Other digestive organs	35	0.4	0.3	0.0	1.1	47	0.4	0.2	0.0
160	Nasal cavity	83	1.0	0.8	0.1	2.8	34	0.3	0.3	0.0
161	Larynx	485	5.7	4.4	0.6	9.7	57	0.6	0.4	0.1
162	Lung	5,196	63.1	43.6	5.5	3.0	2,110	21.1	15.5	2.0
163	Pleura	318	3.8	2.7	0.3	8.4	46	0.5	0.3	0.0
164	Other respiratory organs	27	0.3	0.3	0.0	1.6	19	0.2	0.2	0.0
170	Bone	82	1.0	0.9	0.1	1.1	80	0.9	0.8	0.1
171	Connective tissue	331	3.9	3.1	0.3	1.7	213	2.2	1.8	0.2
172	Skin—melanoma	3,695	42.9	33.5	3.6	1.3	3,081	32.4	26.7	2.8
173	Skin—non-melanocytic (NMSC)*									
174-175	Breast	70	0.9	0.6	0.1	<0.01	9,694	100.9	82.5	9.5
180	Cervix						1,121	12.0	9.8	1.0
181	Placenta						2	0.0	0.0	0.0
179+182	Uterus						1,304	13.4	10.6	1.3
183	Ovary						1,039	10.8	8.7	1.0
184	Other female genital organs						240	2.4	1.7	0.2
#	Gynaecological						3,704	38.5	30.8	3.5
185	Prostate	12,787	158.7	103.4	13.0					
186	Testis	514	5.8	5.1	0.4					
187	Penis & other male genital organs	77	0.9	0.7	0.1					
188	Bladder	1,772	22.1	14.6	1.6	3.9	595	5.7	3.9	0.4
189	Kidney	1,036	12.2	9.2	1.1	1.8	661	6.7	5.1	0.6
190	Eye	112	1.3	1.1	0.1	1.3	96	1.0	0.8	0.1
191	Brain	670	7.8	6.6	0.7	1.5	499	5.3	4.6	0.5
192	Other nervous system	23	0.3	0.2	0.0	0.7	35	0.4	0.4	0.0
193	Thyroid	170	2.0	1.6	0.2	0.4	507	5.5	4.8	0.4
194	Other endocrine	47	0.5	0.6	0.0	1.7	29	0.3	0.3	0.0
195-199	Unknown primary site	1,547	19.0	13.0	1.5	1.5	1,306	12.3	8.4	0.9
200+202	Non-Hodgkin's lymphoma	1,468	17.2	13.1	1.4	1.4	1,217	12.2	9.1	1.0
201	Hodgkin's disease	204	2.3	2.1	0.2	1.3	160	1.8	1.6	0.1
200-202	Lymphoma	1,672	19.6	15.2	1.6	1.4	1,377	13.9	10.7	1.2
203	Multiple myeloma	432	5.3	3.6	0.4	1.8	308	3.0	2.0	0.2
204	Lymphatic leukaemia	478	5.7	4.8	0.4	1.7	338	3.4	3.2	0.3
205	Myeloid leukaemia	480	5.9	4.3	0.4	1.5	414	4.1	3.1	0.3
206	Monocytic leukaemia	11	0.1	0.1	0.0	1.0	13	0.1	0.1	0.0
207-208	Other and unspecified leukaemia	60	0.8	0.5	0.0	1.2	70	0.6	0.4	0.0
204-208	Leukaemia	1,029	12.6	9.7	0.9	1.5	835	8.3	6.8	0.6
#	Alcohol-related	334	3.8	3.2	0.4	1.2	307	3.2	2.8	0.3
#	Smoking-related	7,247	86.9	62.4	7.7	3.7	2,292	23.4	17.8	2.2

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

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 13: Mortality summary table, 1994**

Australia 1994											
ICD-9	Cancer description	Males					Sex ratio M:F	Females			
		Number	AS Rate	AS Rate	PYLL (<75 yrs)	AS Rate		AS Rate	AS Rate	PYLL (<75 yrs)	
			(A)	(W)				(A)	(W)		
140-208	All cancers (excluding NMSC)	19,132	237.1	159.1	149,768	1.7	14,312	138.6	98.7	120,020	
140	Lip	8	0.1	0.1	88	1.7	6	0.1	0.0	33	
141	Tongue	120	1.4	1.1	1,495	2.7	53	0.5	0.3	320	
142	Salivary gland	41	0.5	0.3	278	2.7	21	0.2	0.1	133	
143	Gum	7	0.1	0.1	85	1.4	7	0.1	0.0	25	
144	Floor of mouth	45	0.5	0.4	513	3.9	14	0.1	0.1	98	
145	Other mouth	31	0.4	0.3	345	1.5	26	0.2	0.1	75	
146	Oropharynx	85	1.0	0.8	978	4.3	24	0.2	0.2	180	
147	Nasopharynx	62	0.7	0.5	1,010	4.7	15	0.2	0.1	215	
148	Hypopharynx	59	0.7	0.5	615	4.2	17	0.2	0.1	140	
149	Other lip, oral cavity and pharynx	19	0.2	0.2	118	4.7	5	0.0	0.0	20	
141-149	Head and neck	469	5.5	4.2	5,435	3.2	182	1.7	1.2	1,205	
150	Oesophagus	572	6.9	4.9	5,038	2.5	303	2.8	1.7	1,148	
151	Stomach	827	10.2	6.7	6,105	2.4	466	4.3	2.8	2,585	
152	Small intestine	50	0.6	0.4	470	1.7	36	0.4	0.3	293	
153	Colon	1,826	22.5	15.4	14,210	1.4	1,711	16.2	11.1	10,520	
154	Rectum	675	8.2	5.7	5,500	2.1	415	3.9	2.7	2,500	
153-154	Colorectal	2,501	30.7	21.1	19,710	1.5	2,126	20.1	13.7	13,020	
155	Liver	358	4.3	3.0	3,190	2.3	196	1.9	1.2	1,265	
156	Gallbladder	96	1.2	0.8	638	0.6	209	1.9	1.3	998	
157	Pancreas	790	9.7	6.6	5,830	1.5	690	6.5	4.2	3,375	
158	Peritoneum	40	0.5	0.4	460	2.8	17	0.2	0.1	108	
159	Other digestive organs	97	1.2	0.8	645	1.1	117	1.1	0.7	633	
160	Nasal cavity	27	0.3	0.2	370	2.4	14	0.1	0.1	225	
161	Larynx	203	2.5	1.7	1,513	7.4	36	0.3	0.2	143	
162	Lung	4,833	59.0	40.3	32,830	3.1	1,901	18.9	13.6	13,968	
163	Pleura	179	2.2	1.5	1,460	7.4	29	0.3	0.2	248	
164	Other respiratory organs	19	0.2	0.2	345	2.1	11	0.1	0.1	135	
170	Bone	61	0.7	0.6	1,658	1.9	38	0.4	0.3	850	
171	Connective tissue	90	1.1	0.8	1,398	1.5	73	0.7	0.6	1,055	
172	Skin—melanoma	609	7.3	5.2	7,468	2.6	288	2.9	2.1	3,565	
173	Skin—non-melanocytic (NMSC)	261	3.3	2.1	2,230	3.9	97	0.8	0.5	365	
174-175	Breast	20	0.2	0.2	105	<0.01	2,669	26.6	20.4	31,273	
180	Cervix						340	3.5	2.7	5,135	
181	Placenta						5	0.1	0.0	198	
179+182	Uterus						248	2.4	1.6	1,478	
183	Ovary						743	7.5	5.7	7,638	
184	Other female genital organs						63	0.6	0.4	335	
#	Gynaecological						1,394	13.9	10.4	10,928	
185	Prostate	2,613	34.9	19.6	6,455						
186	Testis	27	0.3	0.3	920						
187	Penis & other male genital organs	14	0.2	0.1	118						
188	Bladder	509	6.7	4.0	2,008	3.4	216	1.9	1.2	623	
189	Kidney	464	5.6	4.0	4,453	1.8	320	3.1	2.2	2,318	
190	Eye	10	0.1	0.1	83	0.9	16	0.1	0.1	95	
191	Brain	555	6.4	5.1	9,268	1.5	431	4.4	3.5	6,668	
192	Other nervous system	6	0.1	0.1	115	0.9	7	0.1	0.1	203	
193	Thyroid	24	0.3	0.2	188	0.8	41	0.4	0.3	403	
194	Other endocrine	28	0.3	0.3	1,095	1.4	22	0.2	0.2	728	
195-199	Unknown primary site	1,164	14.5	9.6	8,505	1.6	957	8.9	5.9	5,518	
200+202	Non-Hodgkin's lymphoma	790	9.6	6.7	9,195	1.6	639	6.1	4.1	4,505	
201	Hodgkin's disease	45	0.5	0.4	803	1.8	28	0.3	0.2	438	
200-202	Lymphoma	835	10.1	7.1	9,998	1.6	667	6.4	4.3	4,943	
203	Multiple myeloma	317	4.0	2.6	2,310	1.4	292	2.8	1.9	1,640	
204	Lymphatic leukaemia	263	3.3	2.5	4,353	2.1	165	1.6	1.2	2,248	
205	Myeloid leukaemia	428	5.3	3.6	4,698	1.6	341	3.3	2.4	3,435	
206	Monocytic leukaemia	8	0.1	0.1	130	1.2	8	0.1	0.0	43	
207-208	Other and unspecified leukaemia	18	0.2	0.2	323	1.1	23	0.2	0.1	258	
204-208	Leukaemia	717	9.0	6.3	9,503	1.7	537	5.2	3.7	5,983	
#	Alcohol-related	200	2.3	1.9	2,547	2.2	100	1.0	0.8	1,203	
#	Smoking-related	5,297	64.5	44.6	39,319	3.9	1,655	16.6	12.2	13,660	

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

# See Appendix A for ICD-9 codes.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

# Tables for selected cancers 1994

- Tables of new cases, deaths, incidence and mortality rates for Australia and the States and Territories for selected cancers.
- A complete set of tables for all cancer sites is available on the floppy disk contained in the back of this publication.





**Table 14: All cancers (except non-melanocytic skin cancer) (ICD 140–172, 174–208)**

**Australia 1994**

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–4	146	21.9	104	16.5	250	19.3	29	4.4	22	3.5	51	3.9
5–9	82	12.5	71	11.4	153	11.9	36	5.5	19	3.0	55	4.3
10–14	79	12.0	64	10.3	143	11.2	37	5.6	19	3.0	56	4.4
15–19	171	26.1	125	20.1	296	23.2	28	4.3	20	3.2	48	3.8
20–24	235	32.2	236	33.3	471	32.7	42	5.8	32	4.5	74	5.1
25–29	403	59.0	430	63.3	833	61.2	67	9.8	54	7.9	121	8.9
30–34	554	75.4	744	101.3	1,298	88.3	106	14.4	94	12.8	200	13.6
35–39	700	100.7	1,116	159.9	1,816	130.3	195	28.0	214	30.7	409	29.4
40–44	978	148.4	1,690	257.2	2,668	202.7	319	48.4	386	58.7	705	53.6
45–49	1,500	243.3	2,400	402.7	3,900	321.6	500	81.1	599	100.5	1,099	90.6
50–54	2,100	442.3	2,620	578.3	4,720	508.7	858	180.7	755	166.6	1,613	173.8
55–59	3,226	819.0	2,819	731.0	6,045	775.5	1,329	337.4	994	257.7	2,323	298.0
60–64	4,993	1,405.5	3,327	932.1	8,320	1,168.2	2,074	583.8	1,275	357.2	3,349	470.2
65–69	7,355	2,212.4	4,188	1,181.5	11,543	1,680.4	3,025	909.9	1,831	516.5	4,856	706.9
70–74	7,922	3,002.9	4,258	1,341.9	12,180	2,096.0	3,526	1,336.6	2,188	689.6	5,714	983.3
75–79	5,855	3,585.9	3,576	1,569.8	9,431	2,411.5	2,970	1,819.0	2,067	907.4	5,037	1,288.0
80–84	3,929	3,987.1	2,804	1,677.3	6,733	2,534.0	2,305	2,339.1	1,859	1,112.0	4,164	1,567.1
85 and over	2,391	4,487.5	2,307	1,809.3	4,698	2,598.6	1,686	3,164.4	1,884	1,477.6	3,570	1,974.7
<b>Total</b>	<b>42,619</b>		<b>32,879</b>		<b>75,498</b>		<b>19,132</b>		<b>14,312</b>		<b>33,444</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	479.5	366.7	422.8	215.3	159.6	187.3
Conf. interval	475.0 – 484.1	362.7 – 370.6	419.8 – 425.9	212.2 – 218.3	157.0 – 162.2	185.3 – 189.3
AS Rate (A)	515.9	333.8	409.2	237.1	138.6	179.9
Conf. interval	511.0 – 520.8	330.1 – 337.4	406.3 – 412.1	233.7 – 240.5	136.3 – 140.9	177.9 – 181.8
AS Rate (W)	364.4	259.7	304.0	159.1	98.7	124.9
Conf. interval	360.9 – 368.0	256.7 – 262.7	301.7 – 306.3	156.8 – 161.5	96.9 – 100.4	123.5 – 126.3
Lifetime risk (0–74)	1 in 3	1 in 4	1 in 3	1 in 6	1 in 10	1 in 8
PYLL (0–74)				149,768	120,020	269,788
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 1990–1994**

	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	13,353	481.6	10,744	322.6	24,097	386.7	6,242	231.8	4,722	135.1	10,964	174.9
Vic	9,439	468.5	8,025	323.6	17,464	381.6	4,699	238.2	3,831	148.3	8,530	185.2
Qld*	6,467	479.3	5,002	326.4	11,469	386.8	3,023	230.7	2,123	132.0	5,146	174.6
WA	3,310	487.2	2,671	326.7	5,980	392.9	1,476	224.0	1,153	139.3	2,629	175.0
SA	3,425	479.2	2,822	326.3	6,248	386.9	1,639	232.2	1,278	140.0	2,916	177.8
Tas	1,092	502.7	837	322.2	1,929	395.2	529	247.3	398	147.0	927	188.5
ACT	394	447.8	356	308.7	750	363.6	207	262.9	166	157.8	373	199.9
NT	133	354.1	115	282.4	248	317.6	78	251.6	53	177.1	132	215.5

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991–1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 15: Cancer of the stomach (ICD 151)**

**Australia 1994**

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	1	0.2	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
15-19	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	1	0.1	1	0.1	2	0.1	0	0.0	1	0.1	1	0.1
25-29	3	0.4	4	0.6	7	0.5	0	0.0	1	0.1	1	0.1
30-34	6	0.8	7	1.0	13	0.9	7	1.0	3	0.4	10	0.7
35-39	19	2.7	9	1.3	28	2.0	7	1.0	4	0.6	11	0.8
40-44	21	3.2	17	2.6	38	2.9	17	2.6	11	1.7	28	2.1
45-49	48	7.8	28	4.7	76	6.3	20	3.2	12	2.0	32	2.6
50-54	72	15.2	26	5.7	98	10.6	49	10.3	16	3.5	65	7.0
55-59	79	20.1	21	5.4	100	12.8	65	16.5	17	4.4	82	10.5
60-64	106	29.8	48	13.4	154	21.6	87	24.5	23	6.4	110	15.4
65-69	190	57.2	80	22.6	270	39.3	97	29.2	53	15.0	150	21.8
70-74	234	88.7	91	28.7	325	55.9	155	58.8	71	22.4	226	38.9
75-79	165	101.1	103	45.2	268	68.5	141	86.4	79	34.7	220	56.3
80-84	151	153.2	85	50.8	236	88.8	118	119.7	80	47.9	198	74.5
85 and over	103	193.3	99	77.6	202	111.7	64	120.1	95	74.5	159	87.9
<b>Total</b>	<b>1,199</b>		<b>620</b>		<b>1,819</b>		<b>827</b>		<b>466</b>		<b>1,293</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	13.5	6.9	10.2	9.3	5.2	7.2
Conf. interval	12.7 – 14.3	6.4 – 7.5	9.7 – 10.7	8.7 – 9.9	4.7 – 5.7	6.8 – 7.6
AS Rate (A)	14.7	5.9	9.7	10.2	4.3	6.9
Conf. interval	13.9 – 15.6	5.4 – 6.4	9.3 – 10.2	9.5 – 10.9	3.9 – 4.7	6.5 – 7.3
AS Rate (W)	9.9	4.0	6.7	6.7	2.8	4.6
Conf. interval	9.3 – 10.5	3.7 – 4.4	6.4 – 7.0	6.3 – 7.2	2.5 – 3.0	4.3 – 4.8
Lifetime risk (0-74)	1 in 89	1 in 232	1 in 131	1 in 137	1 in 353	1 in 200
PYLL (0-74)				6,105	2,585	8,690
Per cent of all cancers	2.8	1.9	2.4	4.3	3.3	3.9

**Average annual numbers and rates by State and Territory 1990-1994**

	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	397	14.5	215	6.0	611	9.7	254	9.5	158	4.3	412	6.6
Vic	330	16.6	185	7.0	514	11.2	213	11.0	138	5.1	351	7.6
Qld*	198	14.9	100	6.0	298	10.1	125	9.7	69	4.1	194	6.6
WA	113	17.0	55	6.6	168	11.2	77	11.8	42	4.9	119	7.9
SA	108	15.2	56	6.0	164	10.0	78	11.0	45	4.7	122	7.4
Tas	36	17.0	19	6.8	55	11.1	29	13.5	14	4.9	43	8.6
ACT	12	14.6	7	6.1	18	9.7	8	11.2	5	4.8	14	7.3
NT	4	8.1	2	6.9	6	7.4	3	6.5	2	6.2	5	6.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 16: Cancer of the colon and rectum (ICD 153–154)**

**Australia 1994**

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	1	0.2	0	0.0	1	0.1
15–19	2	0.3	1	0.2	3	0.2	0	0.0	0	0.0	0	0.0
20–24	3	0.4	7	1.0	10	0.7	3	0.4	0	0.0	3	0.2
25–29	10	1.5	11	1.6	21	1.5	3	0.4	4	0.6	7	0.5
30–34	23	3.1	25	3.4	48	3.3	6	0.8	7	1.0	13	0.9
35–39	48	6.9	54	7.7	102	7.3	14	2.0	12	1.7	26	1.9
40–44	109	16.5	79	12.0	188	14.3	45	6.8	28	4.3	73	5.5
45–49	205	33.2	172	28.9	377	31.1	69	11.2	56	9.4	125	10.3
50–54	342	72.0	275	60.7	617	66.5	127	26.7	78	17.2	205	22.1
55–59	517	131.3	389	100.9	906	116.2	238	60.4	149	38.6	387	49.6
60–64	730	205.5	462	129.4	1,192	167.4	311	87.5	198	55.5	509	71.5
65–69	965	290.3	654	184.5	1,619	235.7	429	129.0	263	74.2	692	100.7
70–74	963	365.0	735	231.6	1,698	292.2	432	163.8	329	103.7	761	131.0
75–79	742	454.4	672	295.0	1,414	361.6	348	213.1	304	133.5	652	166.7
80–84	471	478.0	529	316.4	1,000	376.3	284	288.2	308	184.2	592	222.8
85 and over	303	568.7	518	406.3	821	454.1	191	358.5	390	305.9	581	321.4
<b>Total</b>	<b>5,433</b>		<b>4,583</b>		<b>10,016</b>		<b>2,501</b>		<b>2,126</b>		<b>4,627</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	61.1	51.1	56.1	28.1	23.7	25.9
Conf. interval	59.5 – 62.8	49.6 – 52.6	55.0 – 57.2	27.0 – 29.2	22.7 – 24.7	25.2 – 26.7
AS Rate (A)	65.6	44.9	54.1	30.7	20.1	24.8
Conf. interval	63.8 – 67.3	43.5 – 46.2	53.1 – 55.2	29.5 – 31.9	19.2 – 20.9	24.1 – 25.6
AS Rate (W)	46.6	32.3	38.9	21.1	13.7	17.2
Conf. interval	45.4 – 47.9	31.3 – 33.3	38.1 – 39.7	20.3 – 21.9	13.1 – 14.4	16.6 – 17.7
Lifetime risk (0–74)	1 in 18	1 in 27	1 in 22	1 in 41	1 in 66	1 in 51
PYLL (0–74)				19,710	13,020	32,730
Per cent of all cancers	12.7	13.9	13.3	13.1	14.9	13.8

**Average annual numbers and rates by State and Territory 1990–1994**

	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	1,844	66.2	1,524	44.0	3,367	53.8	795	29.4	660	18.4	1,456	23.2
Vic	1,367	67.7	1,256	48.7	2,623	57.1	633	32.1	607	22.8	1,240	26.8
Qld*	893	65.7	716	45.4	1,609	54.7	385	29.2	310	19.0	695	23.6
WA	422	62.5	372	45.1	793	52.7	182	27.6	172	20.4	354	23.6
SA	471	65.4	427	46.8	898	54.9	206	29.2	184	19.6	390	23.7
Tas	148	66.8	127	47.3	275	56.2	70	32.4	59	21.3	129	26.3
ACT	58	64.5	49	46.8	107	55.4	29	35.6	24	23.6	53	28.9
NT	15	47.5	11	38.0	26	43.1	8	26.1	6	24.4	14	26.0

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991–1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 17: Cancer of the pancreas (ICD 157)**

**Australia 1994**

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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25-29	0	0.0	2	0.3	2	0.1	1	0.1	1	0.1	2	0.1
30-34	4	0.5	2	0.3	6	0.4	3	0.4	0	0.0	3	0.2
35-39	7	1.0	3	0.4	10	0.7	8	1.2	4	0.6	12	0.9
40-44	14	2.1	11	1.7	25	1.9	13	2.0	7	1.1	20	1.5
45-49	26	4.2	18	3.0	44	3.6	17	2.8	16	2.7	33	2.7
50-54	39	8.2	21	4.6	60	6.5	38	8.0	12	2.6	50	5.4
55-59	69	17.5	27	7.0	96	12.3	60	15.2	36	9.3	96	12.3
60-64	100	28.1	64	17.9	164	23.0	95	26.7	46	12.9	141	19.8
65-69	129	38.8	97	27.4	226	32.9	128	38.5	97	27.4	225	32.8
70-74	150	56.9	118	37.2	268	46.1	165	62.5	123	38.8	288	49.6
75-79	102	62.5	125	54.9	227	58.0	118	72.3	135	59.3	253	64.7
80-84	73	74.1	110	65.8	183	68.9	81	82.2	102	61.0	183	68.9
85 and over	54	101.3	109	85.5	163	90.2	63	118.2	111	87.1	174	96.2
<b>Total</b>	<b>767</b>		<b>708</b>		<b>1,475</b>		<b>790</b>		<b>690</b>		<b>1,480</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	8.6	7.9	8.3	8.9	7.7	8.3
Conf. interval	8.0 - 9.2	7.3 - 8.5	7.8 - 8.7	8.3 - 9.5	7.1 - 8.3	7.9 - 8.7
AS Rate (A)	9.3	6.7	7.9	9.7	6.5	7.9
Conf. interval	8.7 - 10.0	6.2 - 7.2	7.5 - 8.3	9.0 - 10.4	6.0 - 7.0	7.5 - 8.4
AS Rate (W)	6.5	4.5	5.4	6.6	4.2	5.3
Conf. interval	6.0 - 7.0	4.1 - 4.8	5.1 - 5.7	6.1 - 7.1	3.9 - 4.6	5.0 - 5.6
Lifetime risk (0-74)	1 in 128	1 in 201	1 in 157	1 in 128	1 in 210	1 in 160
PYLL (0-74)				5,830	3,375	9,205
Per cent of all cancers	1.8	2.2	2.0	4.1	4.8	4.4

**Average annual numbers and rates by State and Territory 1990-1994**

	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	268	9.9	273	7.7	541	8.6	264	9.8	261	7.3	524	8.3
Vic	195	9.8	178	6.6	373	8.1	195	9.9	186	6.9	382	8.3
Qld*	134	9.9	109	6.6	243	8.2	121	9.0	98	6.0	219	7.4
WA	61	9.1	55	6.6	116	7.8	59	8.9	56	6.8	115	7.7
SA	69	9.8	72	7.4	141	8.5	64	9.1	66	6.8	131	7.9
Tas	22	10.1	18	6.4	39	8.0	20	9.5	15	5.4	35	7.1
ACT	9	11.0	6	5.8	15	8.0	11	13.9	7	7.0	18	10.0
NT	2	9.1	2	5.3	4	7.0	3	11.9	1	3.7	4	7.6

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 18: Cancer of the trachea, bronchus and lung (ICD 162)**

**Australia 1994**

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	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	1	0.2	1	0.2	2	0.2	1	0.2	0	0.0	1	0.1
20-24	2	0.3	0	0.0	2	0.1	0	0.0	1	0.1	1	0.1
25-29	4	0.6	2	0.3	6	0.4	0	0.0	1	0.1	1	0.1
30-34	10	1.4	5	0.7	15	1.0	3	0.4	0	0.0	3	0.2
35-39	22	3.2	15	2.1	37	2.7	18	2.6	14	2.0	32	2.3
40-44	42	6.4	27	4.1	69	5.2	41	6.2	20	3.0	61	4.6
45-49	121	19.6	82	13.8	203	16.7	95	15.4	61	10.2	156	12.9
50-54	225	47.4	148	32.7	373	40.2	203	42.8	113	24.9	316	34.1
55-59	410	104.1	172	44.6	582	74.7	356	90.4	147	38.1	503	64.5
60-64	703	197.9	229	64.2	932	130.9	601	169.2	203	56.9	804	112.9
65-69	1,009	303.5	372	104.9	1,381	201.0	940	282.8	320	90.3	1,260	183.4
70-74	1,116	423.0	411	129.5	1,527	262.8	1,066	404.1	385	121.3	1,451	249.7
75-79	794	486.3	304	133.5	1,098	280.8	773	473.4	307	134.8	1,080	276.2
80-84	483	490.1	228	136.4	711	267.6	456	462.7	213	127.4	669	251.8
85 and over	253	474.8	114	89.4	367	203.0	280	525.5	116	91.0	396	219.0
<b>Total</b>	<b>5,196</b>		<b>2,110</b>		<b>7,306</b>		<b>4,833</b>		<b>1,901</b>		<b>6,734</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	58.5	23.5	40.9	54.4	21.2	37.7
Conf. interval	56.9 – 60.0	22.5 – 24.5	40.0 – 41.9	52.8 – 55.9	20.2 – 22.2	36.8 – 38.6
AS Rate (A)	63.1	21.1	39.6	59.0	18.9	36.5
Conf. interval	61.4 – 64.8	20.2 – 22.0	38.7 – 40.5	57.4 – 60.7	18.0 – 19.7	35.6 – 37.3
AS Rate (W)	43.6	15.5	28.3	40.3	13.6	25.6
Conf. interval	42.4 – 44.9	14.8 – 16.2	27.6 – 29.0	39.1 – 41.4	12.9 – 14.2	25.0 – 26.3
Lifetime risk (0-74)	1 in 19	1 in 51	1 in 28	1 in 20	1 in 58	1 in 31
PYLL (0-74)				32,830	13,968	46,798
Per cent of all cancers	12.2	6.4	9.7	25.3	13.3	20.1

**Average annual numbers and rates by State and Territory 1990-1994**

	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	1,802	64.4	715	21.0	2,517	40.1	1,612	58.4	612	17.7	2,224	35.4
Vic	1,302	64.4	545	21.7	1,847	40.4	1,192	59.3	486	19.3	1,678	36.6
Qld*	866	63.5	299	19.3	1,167	39.8	775	58.0	256	16.3	1,031	35.1
WA	441	66.1	193	24.1	634	42.7	388	58.3	160	19.9	548	36.9
SA	475	65.5	188	21.0	663	40.4	428	59.2	152	16.8	580	35.3
Tas	153	69.6	61	23.7	215	43.8	127	58.3	55	21.0	182	37.1
ACT	42	50.5	23	22.3	65	34.7	46	55.1	21	20.1	66	35.7
NT	24	68.7	12	39.0	36	55.3	24	74.7	12	41.6	36	59.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: Cancer in Australia 1991-1994 (with Projections to 1999), Australian Institute of Health and Welfare, 1998.

**Table 19: Cancer of the skin—melanoma (ICD 172)**

**Australia 1994**

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	0.2	1	0.2	2	0.2	0	0.0	0	0.0	0	0.0
10-14	9	1.4	3	0.5	12	0.9	0	0.0	0	0.0	0	0.0
15-19	36	5.5	41	6.6	77	6.0	1	0.2	0	0.0	1	0.1
20-24	73	10.0	89	12.5	162	11.3	4	0.5	0	0.0	4	0.3
25-29	123	18.0	145	21.3	268	19.7	5	0.7	8	1.2	13	1.0
30-34	168	22.9	193	26.3	361	24.6	12	1.6	7	1.0	19	1.3
35-39	204	29.3	226	32.4	430	30.9	22	3.2	15	2.1	37	2.7
40-44	277	42.0	277	42.2	554	42.1	39	5.9	13	2.0	52	4.0
45-49	313	50.8	310	52.0	623	51.4	39	6.3	19	3.2	58	4.8
50-54	336	70.8	261	57.6	597	64.3	43	9.1	22	4.9	65	7.0
55-59	342	86.8	247	64.0	589	75.6	33	8.4	16	4.1	49	6.3
60-64	354	99.6	239	67.0	593	83.3	68	19.1	24	6.7	92	12.9
65-69	421	126.6	300	84.6	721	105.0	91	27.4	26	7.3	117	17.0
70-74	416	157.7	276	87.0	692	119.1	84	31.8	44	13.9	128	22.0
75-79	305	186.8	197	86.5	502	128.4	79	48.4	35	15.4	114	29.2
80-84	200	203.0	150	89.7	350	131.7	57	57.8	30	17.9	87	32.7
85 and over	117	219.6	126	98.8	243	134.4	32	60.1	29	22.7	61	33.7
<b>Total</b>	<b>3,695</b>		<b>3,081</b>		<b>6,776</b>		<b>609</b>		<b>288</b>		<b>897</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	41.6	34.4	38.0	6.9	3.2	5.0
Conf. interval	40.2 – 42.9	33.1 – 35.6	37.0 – 38.9	6.3 – 7.4	2.8 – 3.6	4.7 – 5.4
AS Rate (A)	42.9	32.4	36.9	7.3	2.9	4.9
Conf. interval	41.5 – 44.3	31.3 – 33.6	36.1 – 37.8	6.7 – 7.9	2.5 – 3.2	4.5 – 5.2
AS Rate (W)	33.5	26.7	29.8	5.2	2.1	3.6
Conf. interval	32.4 – 34.6	25.8 – 27.7	29.0 – 30.5	4.8 – 5.6	1.9 – 2.4	3.3 – 3.8
Lifetime risk (0-74)	1 in 28	1 in 37	1 in 32	1 in 176	1 in 432	1 in 253
PYLL (0-74)				7,468	3,565	11,033
Per cent of all cancers	8.7	9.4	9.0	3.2	2.0	2.7

**Average annual numbers and rates by State and Territory 1990-1994**

	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	1,266	44.0	998	31.4	2,264	36.8	221	7.9	111	3.3	332	5.3
Vic	629	29.9	596	25.1	1,225	27.0	112	5.5	72	2.9	184	4.0
Qld*	783	54.9	621	40.3	1,405	46.9	111	8.1	53	3.4	165	5.5
WA	341	45.6	273	33.4	615	38.8	44	6.3	28	3.4	72	4.7
SA	265	36.7	265	32.7	531	34.2	36	5.1	25	2.9	61	3.9
Tas	71	31.8	71	28.6	142	29.8	11	4.8	8	2.8	18	3.7
ACT	39	35.7	34	25.4	73	29.8	8	7.7	4	3.6	12	5.4
NT	14	26.5	10	15.1	25	20.6	4	10.7	1	3.3	5	7.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 20: Cancer of the breast (ICD 174)**

**Australia 1994**

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	0.0	0	0.0	0	0.0
20-24	0	0.0	5	0.7	5	0.3	0	0.0	1	0.1	1	0.1
25-29	1	0.1	50	7.4	51	3.7	0	0.0	2	0.3	2	0.1
30-34	0	0.0	174	23.7	174	11.8	0	0.0	20	2.7	20	1.4
35-39	3	0.4	380	54.5	383	27.5	0	0.0	92	13.2	92	6.6
40-44	0	0.0	772	117.5	772	58.7	0	0.0	146	22.2	146	11.1
45-49	4	0.6	1,096	183.9	1,100	90.7	0	0.0	212	35.6	212	17.5
50-54	7	1.5	1,123	247.9	1,130	121.8	1	0.2	245	54.1	246	26.5
55-59	5	1.3	1,043	270.4	1,048	134.4	0	0.0	254	65.9	254	32.6
60-64	8	2.3	1,109	310.7	1,117	156.8	1	0.3	262	73.4	263	36.9
65-69	12	3.6	1,252	353.2	1,264	184.0	8	2.4	298	84.1	306	44.5
70-74	8	3.0	1,026	323.4	1,034	177.9	4	1.5	313	98.6	317	54.6
75-79	7	4.3	787	345.5	794	203.0	3	1.8	292	128.2	295	75.4
80-84	7	7.1	525	314.1	532	200.2	2	2.0	255	152.5	257	96.7
85 and over	8	15.0	352	276.1	360	199.1	1	1.9	277	217.2	278	153.8
<b>Total</b>	<b>70</b>		<b>9,694</b>		<b>9,764</b>		<b>20</b>		<b>2,669</b>		<b>2,689</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	0.8	108.1	54.7	0.2	29.8	15.1
Conf. interval	0.6 - 1.0	106.0 - 110.3	53.6 - 55.8	0.1 - 0.3	28.6 - 30.9	14.5 - 15.6
AS Rate (A)	0.9	100.9	52.9	0.2	26.6	14.4
Conf. interval	0.7 - 1.1	98.9 - 102.9	51.8 - 53.9	0.1 - 0.4	25.6 - 27.6	13.9 - 15.0
AS Rate (W)	0.6	82.5	42.5	0.2	20.4	10.8
Conf. interval	0.5 - 0.8	80.8 - 84.2	41.6 - 43.4	0.1 - 0.2	19.5 - 21.2	10.3 - 11.2
Lifetime risk (0-74)	1 in 1,555	1 in 11	1 in 21	1 in 4,531	1 in 45	1 in 87
PYLL (0-74)				105	31,273	31,378
Per cent of all cancers	0.2	29.5	12.9	0.1	18.6	8.0

**Average annual numbers and rates by State and Territory 1990-1994**

	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	25	0.9	2,917	90.1	2,942	47.5	6	0.2	868	25.8	874	14.0
Vic	17	0.9	2,145	89.2	2,162	47.5	6	0.3	725	29.0	731	15.9
Qld*	9	0.6	1,440	92.8	1,449	48.3	2	0.2	390	24.7	392	13.2
WA	4	0.6	746	91.9	751	47.9	1	0.1	209	25.4	210	13.7
SA	8	1.2	742	89.5	751	47.6	2	0.2	230	26.4	232	14.4
Tas	1	0.6	218	86.1	219	45.4	0	0.2	65	24.6	65	13.4
ACT	1	0.6	109	88.9	109	46.9	0	0.3	36	33.0	37	18.2
NT	0	0.0	29	59.6	29	27.8	0	0.0	7	16.9	7	7.7

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 21: Cancer of the cervix (ICD 180)**

**Australia 1994**

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			1	0.2					0	0.0		
10-14			0	0.0					0	0.0		
15-19			1	0.2					0	0.0		
20-24			13	1.8					0	0.0		
25-29			46	6.8					6	0.9		
30-34			116	15.8					12	1.6		
35-39			136	19.5					9	1.3		
40-44			136	20.7					31	4.7		
45-49			124	20.8					37	6.2		
50-54			83	18.3					35	7.7		
55-59			81	21.0					28	7.3		
60-64			99	27.7					26	7.3		
65-69			83	23.4					39	11.0		
70-74			72	22.7					33	10.4		
75-79			62	27.2					31	13.6		
80-84			40	23.9					28	16.7		
85 and over			28	22.0					25	19.6		
<b>Total</b>			<b>1,121</b>						<b>340</b>			

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	12.5	3.8
Conf. interval	11.8 – 13.2	3.4 – 4.2
AS Rate (A)	12.0	3.5
Conf. interval	11.3 – 12.7	3.1 – 3.8
AS Rate (W)	9.8	2.7
Conf. interval	9.3 – 10.4	2.4 – 3.0
Lifetime risk (0-74)	1 in 101	1 in 343
PYLL (0-74)		5,135
Per cent of all cancers	3.4	2.4

**Average annual numbers and rates by State and Territory 1990-1994**

	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			369	11.8					114	3.5		
Vic			265	11.4					81	3.3		
Qld*			178	11.8					55	3.5		
WA			103	12.6					34	4.2		
SA			71	9.2					23	2.7		
Tas			31	12.7					13	5.2		
ACT			15	11.3					3	2.7		
NT			10	17.1					6	14.7		

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.



**Table 22: Cancer of the uterus (ICD 179 + 182)**

**Australia 1994**

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			1	0.2					0	0.0		
20-24			4	0.6					0	0.0		
25-29			3	0.4					0	0.0		
30-34			13	1.8					1	0.1		
35-39			15	2.1					2	0.3		
40-44			41	6.2					3	0.5		
45-49			75	12.6					4	0.7		
50-54			119	26.3					6	1.3		
55-59			165	42.8					17	4.4		
60-64			186	52.1					24	6.7		
65-69			201	56.7					45	12.7		
70-74			190	59.9					33	10.4		
75-79			128	56.2					31	13.6		
80-84			90	53.8					34	20.3		
85 and over			73	57.3					48	37.6		
<b>Total</b>			<b>1,304</b>						<b>248</b>			

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	14.5	2.8
Conf. interval	13.8 – 15.3	2.4 – 3.1
AS Rate (A)	13.4	2.4
Conf. interval	12.6 – 14.1	2.1 – 2.7
AS Rate (W)	10.6	1.6
Conf. interval	10.0 – 11.2	1.4 – 1.8
Lifetime risk (0-74)	1 in 77	1 in 540
PYLL (0-74)		1,478
Per cent of all cancers	4.0	1.7

**Average annual numbers and rates by State and Territory 1990-1994**

	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			405	12.2					76	2.1		
Vic			338	13.8					76	2.8		
Qld*			215	13.8					37	2.3		
WA			100	12.6					19	2.3		
SA			119	13.8					22	2.3		
Tas			31	12.2					8	2.7		
ACT			11	10.3					2	2.3		
NT			3	9.3					1	4.6		

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 23: Cancer of the ovary and other uterine adnexae (ICD 183)**

**Australia 1994**

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			1	0.2					0	0.0		
10-14			3	0.5					1	0.2		
15-19			6	1.0					2	0.3		
20-24			12	1.7					1	0.1		
25-29			16	2.4					3	0.4		
30-34			20	2.7					8	1.1		
35-39			27	3.9					5	0.7		
40-44			46	7.0					22	3.3		
45-49			85	14.3					43	7.2		
50-54			106	23.4					71	15.7		
55-59			105	27.2					65	16.9		
60-64			128	35.9					90	25.2		
65-69			139	39.2					95	26.8		
70-74			132	41.6					107	33.7		
75-79			105	46.1					114	50.0		
80-84			66	39.5					74	44.3		
85 and over			42	32.9					42	32.9		
<b>Total</b>			<b>1,039</b>						<b>743</b>			

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate		11.6		8.3
Conf. interval		10.9 – 12.3		7.7 – 8.9
AS Rate (A)		10.8		7.5
Conf. interval		10.1 – 11.4		6.9 – 8.0
AS Rate (W)		8.7		5.7
Conf. interval		8.1 – 9.2		5.2 – 6.1
Lifetime risk (0-74)		1 in 100		1 in 152
PYLL (0-74)				7,638
Per cent of all cancers		3.2		5.2

**Average annual numbers and rates by State and Territory 1990-1994**

	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			345	10.5					242	7.1		
Vic			285	11.7					207	8.3		
Qld*			150	9.9					105	6.7		
WA			85	10.6					63	7.8		
SA			95	11.2					69	7.8		
Tas			30	11.8					22	8.2		
ACT			14	11.4					8	7.4		
NT			4	10.3					2	4.3		

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 24: Cancer of the prostate (ICD 185)**

**Australia 1994**

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	0	0.0					0	0.0				
25-29	1	0.1					0	0.0				
30-34	0	0.0					0	0.0				
35-39	1	0.1					0	0.0				
40-44	11	1.7					0	0.0				
45-49	50	8.1					7	1.1				
50-54	230	48.4					18	3.8				
55-59	706	179.2					52	13.2				
60-64	1,488	418.9					136	38.3				
65-69	2,671	803.5					271	81.5				
70-74	3,032	1,149.3					486	184.2				
75-79	2,244	1,374.3					574	351.5				
80-84	1,503	1,525.2					564	572.3				
85 and over	850	1,595.3					505	947.8				
<b>Total</b>	<b>12,787</b>						<b>2,613</b>					

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	143.9	29.4
Conf. interval	141.4 – 146.4	28.3 – 30.5
AS Rate (A)	158.7	34.9
Conf. interval	155.9 – 161.4	33.6 – 36.3
AS Rate (W)	103.4	19.6
Conf. interval	101.5 – 105.2	18.8 – 20.3
Lifetime risk (0-74)	1 in 8	1 in 63
PYLL (0-74)		6,455
Per cent of all cancers	30.0	13.7

**Average annual numbers and rates by State and Territory 1990-1994**

	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	3,172	118.8					814	33.1				
Vic	2,036	105.6					606	33.5				
Qld*	1,555	120.5					413	34.5				
WA	822	129.4					183	30.6				
SA	856	122.4					224	33.6				
Tas	272	129.5					72	36.2				
ACT	83	116.0					24	40.9				
NT	11	53.8					6	35.7				

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 25: Cancer of the testis (ICD 186)**

**Australia 1994**

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					1	0.2				
5-9	0	0.0					0	0.0				
10-14	0	0.0					0	0.0				
15-19	21	3.2					0	0.0				
20-24	54	7.4					4	0.5				
25-29	93	13.6					1	0.1				
30-34	115	15.6					5	0.7				
35-39	80	11.5					4	0.6				
40-44	51	7.7					3	0.5				
45-49	46	7.5					3	0.5				
50-54	21	4.4					0	0.0				
55-59	12	3.0					2	0.5				
60-64	2	0.6					1	0.3				
65-69	4	1.2					0	0.0				
70-74	3	1.1					0	0.0				
75-79	2	1.2					1	0.6				
80-84	1	1.0					2	2.0				
85 and over	2	3.8					0	0.0				
<b>Total</b>	<b>514</b>						<b>27</b>					

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	5.8	0.3
Conf. interval	5.3 – 6.3	0.2 – 0.4
AS Rate (A)	5.8	0.3
Conf. interval	5.3 – 6.3	0.2 – 0.4
AS Rate (W)	5.1	0.3
Conf. interval	4.6 – 5.5	0.2 – 0.4
Lifetime risk (0-74)	1 in 257	1 in 5,221
PYLL (0-74)		920
Per cent of all cancers	1.2	0.1

**Average annual numbers and rates by State and Territory 1990-1994**

	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	165	5.6					9	0.3				
Vic	125	5.6					8	0.4				
Qld*	86	5.7					3	0.2				
WA	43	5.1					2	0.2				
SA	35	4.8					3	0.5				
Tas	14	6.2					0	0.1				
ACT	6	3.8					0	0.0				
NT	4	3.9					0	0.2				

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 26: Cancer of the bladder (ICD 188)**

**Australia 1994**

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	0	0.0	1	0.2	1	0.1	0	0.0	0	0.0	0	0.0
10-14	1	0.2	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
15-19	2	0.3	1	0.2	3	0.2	1	0.2	0	0.0	1	0.1
20-24	3	0.4	2	0.3	5	0.3	0	0.0	0	0.0	0	0.0
25-29	3	0.4	3	0.4	6	0.4	0	0.0	0	0.0	0	0.0
30-34	6	0.8	6	0.8	12	0.8	0	0.0	0	0.0	0	0.0
35-39	11	1.6	6	0.9	17	1.2	1	0.1	0	0.0	1	0.1
40-44	17	2.6	8	1.2	25	1.9	0	0.0	1	0.2	1	0.1
45-49	43	7.0	17	2.9	60	4.9	3	0.5	1	0.2	4	0.3
50-54	62	13.1	20	4.4	82	8.8	5	1.1	2	0.4	7	0.8
55-59	138	35.0	27	7.0	165	21.2	26	6.6	5	1.3	31	4.0
60-64	210	59.1	60	16.8	270	37.9	43	12.1	13	3.6	56	7.9
65-69	269	80.9	77	21.7	346	50.4	67	20.2	24	6.8	91	13.2
70-74	334	126.6	103	32.5	437	75.2	89	33.7	35	11.0	124	21.3
75-79	286	175.2	106	46.5	392	100.2	97	59.4	45	19.8	142	36.3
80-84	220	223.3	67	40.1	287	108.0	90	91.3	36	21.5	126	47.4
85 and over	166	311.6	91	71.4	257	142.2	87	163.3	54	42.4	141	78.0
<b>Total</b>	<b>1,772</b>		<b>595</b>		<b>2,367</b>		<b>509</b>		<b>216</b>		<b>725</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	19.9	6.6	13.3	5.7	2.4	4.1
Conf. interval	19.0 - 20.9	6.1 - 7.2	12.7 - 13.8	5.2 - 6.2	2.1 - 2.7	3.8 - 4.4
AS Rate (A)	22.1	5.7	12.7	6.7	1.9	3.9
Conf. interval	21.0 - 23.1	5.2 - 6.2	12.2 - 13.3	6.1 - 7.3	1.7 - 2.2	3.6 - 4.1
AS Rate (W)	14.6	3.9	8.7	4.0	1.2	2.4
Conf. interval	13.9 - 15.4	3.6 - 4.3	8.3 - 9.1	3.6 - 4.4	1.0 - 1.4	2.2 - 2.5
Lifetime risk (0-74)	1 in 61	1 in 225	1 in 99	1 in 269	1 in 852	1 in 419
PYLL (0-74)				2,008	623	2,630
Per cent of all cancers	4.2	1.8	3.1	2.7	1.5	2.2

**Average annual numbers and rates by State and Territory 1990-1994**

	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	491	18.2	167	4.7	658	10.5	179	7.1	79	2.1	257	4.1
Vic	569	28.7	188	7.2	757	16.4	128	6.9	59	2.1	187	4.0
Qld*	228	17.4	85	5.4	313	10.8	83	6.8	40	2.4	123	4.2
WA	91	14.1	28	3.3	119	8.0	42	6.7	13	1.6	55	3.7
SA	117	16.7	40	4.2	158	9.5	45	6.7	25	2.5	70	4.2
Tas	60	27.6	16	5.9	76	15.4	14	6.9	6	2.1	20	4.1
ACT	11	15.2	4	3.8	15	8.5	8	11.1	3	3.0	11	6.4
NT	5	17.8	2	6.1	7	12.1	2	9.6	1	6.2	3	7.7

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 27: Cancer of the kidney and other and unspecified urinary organs (ICD 189)**

**Australia 1994**

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0-4	10	1.5	7	1.1	17	1.3	2	0.3	1	0.2	3	0.2
5-9	5	0.8	10	1.6	15	1.2	2	0.3	0	0.0	2	0.2
10-14	2	0.3	0	0.0	2	0.2	0	0.0	1	0.2	1	0.1
15-19	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1
20-24	2	0.3	2	0.3	4	0.3	1	0.1	0	0.0	1	0.1
25-29	4	0.6	5	0.7	9	0.7	1	0.1	0	0.0	1	0.1
30-34	7	1.0	8	1.1	15	1.0	0	0.0	4	0.5	4	0.3
35-39	21	3.0	6	0.9	27	1.9	6	0.9	1	0.1	7	0.5
40-44	40	6.1	25	3.8	65	4.9	13	2.0	5	0.8	18	1.4
45-49	52	8.4	26	4.4	78	6.4	15	2.4	6	1.0	21	1.7
50-54	74	15.6	34	7.5	108	11.6	29	6.1	11	2.4	40	4.3
55-59	97	24.6	62	16.1	159	20.4	48	12.2	30	7.8	78	10.0
60-64	136	38.3	71	19.9	207	29.1	61	17.2	26	7.3	87	12.2
65-69	177	53.2	97	27.4	274	39.9	73	22.0	47	13.3	120	17.5
70-74	192	72.8	112	35.3	304	52.3	84	31.8	56	17.6	140	24.1
75-79	112	68.6	90	39.5	202	51.7	62	38.0	56	24.6	118	30.2
80-84	71	72.1	68	40.7	139	52.3	40	40.6	54	32.3	94	35.4
85 and over	34	63.8	38	29.8	72	39.8	27	50.7	21	16.5	48	26.6
<b>Total</b>	<b>1,036</b>		<b>661</b>		<b>1,697</b>		<b>464</b>		<b>320</b>		<b>784</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	11.7	7.4	9.5	5.2	3.6	4.4
Conf. interval	10.9 – 12.4	6.8 – 7.9	9.1 – 10.0	4.7 – 5.7	3.2 – 4.0	4.1 – 4.7
AS Rate (A)	12.2	6.7	9.2	5.6	3.1	4.2
Conf. interval	11.5 – 13.0	6.2 – 7.2	8.8 – 9.7	5.1 – 6.1	2.8 – 3.5	3.9 – 4.5
AS Rate (W)	9.2	5.1	7.0	4.0	2.2	3.0
Conf. interval	8.6 – 9.7	4.7 – 5.5	6.7 – 7.4	3.6 – 4.4	1.9 – 2.4	2.8 – 3.2
Lifetime risk (0-74)	1 in 89	1 in 167	1 in 117	1 in 210	1 in 390	1 in 276
PYLL (0-74)				4,453	2,318	6,770
Per cent of all cancers	2.4	2.0	2.2	2.4	2.2	2.3

**Average annual numbers and rates by State and Territory 1990-1994**

	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	386	13.6	276	8.2	662	10.6	145	5.3	120	3.4	264	4.2
Vic	248	12.0	165	6.6	413	9.0	120	5.9	77	3.0	197	4.3
Qld*	194	13.9	115	8.4	309	11.1	73	5.4	56	3.5	129	4.4
WA	76	10.7	50	6.0	126	8.3	28	4.1	22	2.6	50	3.3
SA	87	11.9	61	7.0	148	9.2	39	5.5	31	3.3	70	4.3
Tas	31	14.1	15	5.5	45	9.2	13	5.9	7	2.7	20	4.1
ACT	12	13.2	5	4.9	17	8.7	5	4.9	4	3.6	8	4.3
NT	2	6.2	2	4.9	4	5.5	1	3.4	0	1.2	1	2.4

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 28: Cancer of the brain (ICD 191)**

**Australia 1994**

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0-4	20	3.0	15	2.4	35	2.7	6	0.9	6	0.9	12	0.9
5-9	17	2.6	17	2.7	34	2.7	9	1.4	5	0.8	14	1.1
10-14	17	2.6	15	2.4	32	2.5	8	1.2	7	1.1	15	1.2
15-19	17	2.6	11	1.8	28	2.2	2	0.3	4	0.6	6	0.5
20-24	11	1.5	15	2.1	26	1.8	5	0.7	3	0.4	8	0.6
25-29	28	4.1	13	1.9	41	3.0	11	1.6	5	0.7	16	1.2
30-34	20	2.7	13	1.8	33	2.2	13	1.8	10	1.4	23	1.6
35-39	37	5.3	17	2.4	54	3.9	28	4.0	17	2.4	45	3.2
40-44	39	5.9	23	3.5	62	4.7	21	3.2	21	3.2	42	3.2
45-49	36	5.8	31	5.2	67	5.5	29	4.7	31	5.2	60	4.9
50-54	54	11.4	30	6.6	84	9.1	52	11.0	25	5.5	77	8.3
55-59	60	15.2	45	11.7	105	13.5	52	13.2	30	7.8	82	10.5
60-64	75	21.1	45	12.6	120	16.8	71	20.0	40	11.2	111	15.6
65-69	79	23.8	74	20.9	153	22.3	75	22.6	64	18.1	139	20.2
70-74	75	28.4	48	15.1	123	21.2	85	32.2	67	21.1	152	26.2
75-79	37	22.7	45	19.8	82	21.0	45	27.6	49	21.5	94	24.0
80-84	27	27.4	28	16.7	55	20.7	30	30.4	31	18.5	61	23.0
85 and over	21	39.4	14	11.0	35	19.4	13	24.4	16	12.5	29	16.0
<b>Total</b>	<b>670</b>		<b>499</b>		<b>1,169</b>		<b>555</b>		<b>431</b>		<b>986</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	7.5	5.6	6.5	6.2	4.8	5.5
Conf. interval	7.0 - 8.1	5.1 - 6.1	6.2 - 6.9	5.7 - 6.8	4.4 - 5.3	5.2 - 5.9
AS Rate (A)	7.8	5.3	6.4	6.4	4.4	5.4
Conf. interval	7.2 - 8.4	4.8 - 5.8	6.1 - 6.8	5.9 - 7.0	4.0 - 4.9	5.0 - 5.7
AS Rate (W)	6.6	4.6	5.5	5.1	3.5	4.3
Conf. interval	6.1 - 7.1	4.2 - 5.0	5.2 - 5.9	4.7 - 5.6	3.2 - 3.9	4.0 - 4.6
Lifetime risk (0-74)	1 in 147	1 in 215	1 in 176	1 in 169	1 in 249	1 in 202
PYLL (0-74)				9,268	6,668	15,935
Per cent of all cancers	1.6	1.5	1.5	2.9	3.0	2.9

**Average annual numbers and rates by State and Territory 1990-1994**

	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	219	7.5	174	5.4	393	6.4	178	6.2	134	4.1	312	5.1
Vic	172	8.1	130	5.5	302	6.7	145	6.9	106	4.4	251	5.5
Qld*	125	8.7	99	6.5	225	7.5	89	6.2	69	4.5	158	5.3
WA	58	7.5	44	5.5	102	6.5	46	6.1	36	4.5	82	5.3
SA	58	7.8	48	6.0	106	6.9	47	6.4	40	4.8	87	5.6
Tas	19	8.4	16	6.2	35	7.2	15	6.6	12	4.8	27	5.7
ACT	8	6.8	7	5.5	15	6.2	8	7.2	7	5.7	14	6.4
NT	4	7.3	2	2.9	6	5.3	2	5.0	1	3.1	3	4.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 29: Cancer of an unknown primary site (ICD 195–199)**

**Australia 1994**

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	0.2	0	0.0	1	0.1	0	0.0	1	0.2	1	0.1
10–14	1	0.2	0	0.0	1	0.1	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	3	0.4	1	0.1	4	0.3	1	0.1	1	0.1	2	0.1
25–29	6	0.9	2	0.3	8	0.6	3	0.4	1	0.1	4	0.3
30–34	13	1.8	9	1.2	22	1.5	8	1.1	1	0.1	9	0.6
35–39	13	1.9	17	2.4	30	2.2	7	1.0	13	1.9	20	1.4
40–44	31	4.7	26	4.0	57	4.3	29	4.4	12	1.8	41	3.1
45–49	65	10.5	44	7.4	109	9.0	32	5.2	29	4.9	61	5.0
50–54	73	15.4	57	12.6	130	14.0	53	11.2	28	6.2	81	8.7
55–59	92	23.4	68	17.6	160	20.5	67	17.0	48	12.4	115	14.8
60–64	190	53.5	103	28.9	293	41.1	129	36.3	76	21.3	205	28.8
65–69	254	76.4	167	47.1	421	61.3	183	55.0	111	31.3	294	42.8
70–74	281	106.5	200	63.0	481	82.8	214	81.1	152	47.9	366	63.0
75–79	197	120.7	176	77.3	373	95.4	180	110.2	130	57.1	310	79.3
80–84	198	200.9	208	124.4	406	152.8	150	152.2	168	100.5	318	119.7
85 and over	128	240.2	228	178.8	356	196.9	108	202.7	186	145.9	294	162.6
<b>Total</b>	<b>1,547</b>		<b>1,306</b>		<b>2,853</b>		<b>1,164</b>		<b>957</b>		<b>2,121</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	17.4	14.6	16.0	13.1	10.7	11.9
Conf. interval	16.5 – 18.3	13.8 – 15.4	15.4 – 16.6	12.3 – 13.8	10.0 – 11.3	11.4 – 12.4
AS Rate (A)	19.0	12.3	15.3	14.5	8.9	11.3
Conf. interval	18.1 – 20.0	11.6 – 13.0	14.7 – 15.8	13.6 – 15.3	8.3 – 9.5	10.9 – 11.8
AS Rate (W)	13.0	8.4	10.5	9.6	5.9	7.6
Conf. interval	12.3 – 13.6	7.9 – 8.9	10.1 – 10.9	9.0 – 10.2	5.5 – 6.3	7.2 – 7.9
Lifetime risk (0–74)	1 in 68	1 in 109	1 in 85	1 in 94	1 in 156	1 in 119
PYLL (0–74)				8,505	5,518	14,023
Per cent of all cancers	3.6	4.0	3.8	6.1	6.7	6.3

**Average annual numbers and rates by State and Territory 1990–1994**

	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	570	21.1	505	14.1	1,075	17.1	392	14.7	367	10.1	759	12.1
Vic	391	19.7	360	13.6	751	16.3	268	13.7	247	9.2	515	11.1
Qld*	282	21.2	216	13.2	499	16.8	182	13.9	154	9.4	336	11.4
WA	154	23.1	132	15.5	286	19.0	89	13.6	78	9.2	167	11.2
SA	111	15.6	115	12.1	226	13.7	93	13.2	97	10.2	190	11.5
Tas	50	23.6	39	13.8	89	18.0	40	18.8	33	11.6	73	14.7
ACT	14	17.1	12	11.5	26	14.0	9	11.8	9	9.0	18	10.2
NT	10	23.2	8	23.1	18	23.6	4	12.5	4	14.1	8	13.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991–1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.



**Table 30: Non-Hodgkin's lymphoma (ICD 200 + 202)**

**Australia 1994**

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0-4	10	1.5	2	0.3	12	0.9	3	0.5	0	0.0	3	0.2
5-9	12	1.8	3	0.5	15	1.2	3	0.5	0	0.0	3	0.2
10-14	4	0.6	5	0.8	9	0.7	3	0.5	0	0.0	3	0.2
15-19	9	1.4	6	1.0	15	1.2	2	0.3	0	0.0	2	0.2
20-24	13	1.8	11	1.6	24	1.7	6	0.8	6	0.8	12	0.8
25-29	25	3.7	13	1.9	38	2.8	13	1.9	6	0.9	19	1.4
30-34	38	5.2	21	2.9	59	4.0	17	2.3	5	0.7	22	1.5
35-39	62	8.9	42	6.0	104	7.5	28	4.0	6	0.9	34	2.4
40-44	79	12.0	41	6.2	120	9.1	23	3.5	17	2.6	40	3.0
45-49	110	17.8	63	10.6	173	14.3	35	5.7	13	2.2	48	4.0
50-54	138	29.1	81	17.9	219	23.6	40	8.4	18	4.0	58	6.3
55-59	126	32.0	91	23.6	217	27.8	70	17.8	39	10.1	109	14.0
60-64	128	36.0	123	34.5	251	35.2	67	18.9	46	12.9	113	15.9
65-69	205	61.7	143	40.3	348	50.7	107	32.2	84	23.7	191	27.8
70-74	191	72.4	180	56.7	371	63.8	117	44.4	106	33.4	223	38.4
75-79	157	96.2	164	72.0	321	82.1	118	72.3	119	52.2	237	60.6
80-84	105	106.6	142	84.9	247	93.0	86	87.3	96	57.4	182	68.5
85 and over	56	105.1	86	67.4	142	78.5	52	97.6	78	61.2	130	71.9
<b>Total</b>	<b>1,468</b>		<b>1,217</b>		<b>2,685</b>		<b>790</b>		<b>639</b>		<b>1,429</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	16.5	13.6	15.0	8.9	7.1	8.0
Conf. interval	15.7 - 17.4	12.8 - 14.3	14.5 - 15.6	8.3 - 9.5	6.6 - 7.7	7.6 - 8.4
AS Rate (A)	17.2	12.2	14.5	9.6	6.1	7.7
Conf. interval	16.4 - 18.1	11.5 - 12.9	14.0 - 15.1	8.9 - 10.3	5.7 - 6.6	7.3 - 8.1
AS Rate (W)	13.1	9.1	11.0	6.7	4.1	5.3
Conf. interval	12.4 - 13.8	8.6 - 9.7	10.6 - 11.5	6.2 - 7.2	3.8 - 4.5	5.0 - 5.6
Lifetime risk (0-74)	1 in 70	1 in 98	1 in 82	1 in 142	1 in 218	1 in 172
PYLL (0-74)				9,195	4,505	13,700
Per cent of all cancers	3.4	3.7	3.6	4.1	4.5	4.3

**Average annual numbers and rates by State and Territory 1990-1994**

	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	525	18.6	401	11.9	926	14.9	255	9.3	210	5.9	465	7.4
Vic	395	19.0	310	12.5	706	15.5	190	9.4	164	6.3	354	7.7
Qld*	256	18.4	204	12.9	460	15.4	106	8.0	86	5.3	193	6.5
WA	111	15.9	93	11.4	205	13.3	55	8.2	47	5.6	101	6.7
SA	126	17.5	105	12.0	231	14.4	61	8.6	59	6.5	121	7.4
Tas	41	18.3	32	12.5	73	15.0	20	9.2	15	5.5	34	7.0
ACT	20	18.7	17	15.4	37	17.0	11	12.2	9	8.3	19	10.1
NT	5	8.9	4	8.0	9	8.6	1	3.5	1	3.3	2	3.5

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 31: Leukaemias (ICD 204–208)**

**Australia 1994**

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–4	53	8.0	52	8.2	105	8.1	9	1.4	6	0.9	15	1.2
5–9	29	4.4	26	4.2	55	4.3	16	2.4	6	1.0	22	1.7
10–14	14	2.1	10	1.6	24	1.9	17	2.6	4	0.6	21	1.6
15–19	29	4.4	16	2.6	45	3.5	11	1.7	10	1.6	21	1.6
20–24	12	1.6	12	1.7	24	1.7	9	1.2	10	1.4	19	1.3
25–29	23	3.4	14	2.1	37	2.7	17	2.5	10	1.5	27	2.0
30–34	21	2.9	13	1.8	34	2.3	12	1.6	6	0.8	18	1.2
35–39	21	3.0	16	2.3	37	2.7	13	1.9	7	1.0	20	1.4
40–44	24	3.6	14	2.1	38	2.9	11	1.7	14	2.1	25	1.9
45–49	33	5.4	32	5.4	65	5.4	16	2.6	19	3.2	35	2.9
50–54	49	10.3	42	9.3	91	9.8	32	6.7	17	3.8	49	5.3
55–59	61	15.5	45	11.7	106	13.6	32	8.1	21	5.4	53	6.8
60–64	99	27.9	62	17.4	161	22.6	70	19.7	42	11.8	112	15.7
65–69	121	36.4	77	21.7	198	28.8	77	23.2	52	14.7	129	18.8
70–74	134	50.8	99	31.2	233	40.1	107	40.6	63	19.9	170	29.3
75–79	124	75.9	95	41.7	219	56.0	102	62.5	76	33.4	178	45.5
80–84	95	96.4	114	68.2	209	78.7	87	88.3	83	49.7	170	64.0
85 and over	87	163.3	96	75.3	183	101.2	79	148.3	91	71.4	170	94.0
<b>Total</b>	<b>1,029</b>		<b>835</b>		<b>1,864</b>		<b>717</b>		<b>537</b>		<b>1,254</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	11.6	9.3	10.4	8.1	6.0	7.0
Conf. interval	10.9 – 12.3	8.7 – 9.9	10.0 – 10.9	7.5 – 8.7	5.5 – 6.5	6.6 – 7.4
AS Rate (A)	12.6	8.3	10.1	9.0	5.2	6.8
Conf. interval	11.8 – 13.3	7.7 – 8.9	9.7 – 10.6	8.3 – 9.6	4.7 – 5.6	6.4 – 7.1
AS Rate (W)	9.7	6.8	8.1	6.3	3.7	4.9
Conf. interval	9.1 – 10.3	6.3 – 7.3	7.7 – 8.5	5.8 – 6.8	3.4 – 4.1	4.6 – 5.2
Lifetime risk (0–74)	1 in 112	1 in 163	1 in 134	1 in 170	1 in 288	1 in 216
PYLL (0–74)				9,503	5,983	15,485
Per cent of all cancers	2.4	2.5	2.5	3.7	3.8	3.7

**Average annual numbers and rates by State and Territory 1990–1994**

	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	366	13.2	269	7.9	634	10.3	223	8.3	175	5.0	398	6.4
Vic	270	13.4	197	7.7	467	10.2	168	8.5	142	5.5	310	6.7
Qld*	219	16.2	163	10.2	382	12.8	124	9.6	89	5.4	213	7.2
WA	84	12.1	60	7.2	144	9.3	53	8.0	44	5.2	97	6.4
SA	121	17.0	89	10.2	210	13.2	64	9.1	45	5.0	109	6.8
Tas	29	13.5	21	8.0	50	10.3	12	5.7	14	5.0	26	5.3
ACT	14	14.3	10	9.0	25	11.4	9	11.1	6	5.4	15	7.8
NT	3	4.5	2	4.9	5	4.9	2	4.0	1	4.3	3	4.4

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991–1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 32: Alcohol-related cancers**

**Australia 1994**

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	0.1	0	0.1	1	0.1	0	0.0	0	0.0	0	0.0
20-24	1	0.1	1	0.1	1	0.1	0	0.0	0	0.0	0	0.0
25-29	0	0.1	2	0.3	2	0.2	0	0.1	0	0.0	1	0.0
30-34	5	0.7	4	0.5	9	0.6	1	0.2	0	0.1	2	0.1
35-39	5	0.7	9	1.3	14	1.0	3	0.4	2	0.3	5	0.4
40-44	12	1.9	25	3.7	37	2.8	6	1.0	6	0.8	12	0.9
45-49	24	3.8	35	5.9	59	4.9	12	2.0	8	1.3	20	1.6
50-54	45	9.4	38	8.4	83	8.9	23	4.9	9	2.0	32	3.5
55-59	48	12.2	37	9.5	85	10.9	24	6.0	10	2.7	34	4.4
60-64	67	18.9	41	11.4	108	15.1	39	11.0	12	3.4	51	7.2
65-69	64	19.2	47	13.3	111	16.1	43	12.9	15	4.3	58	8.5
70-74	42	15.9	44	13.8	85	14.7	30	11.2	18	5.8	48	8.3
75-79	15	9.2	12	5.1	27	6.8	11	7.0	7	3.2	19	4.8
80-84	4	3.7	8	4.9	12	4.4	4	4.1	6	3.5	10	3.7
85 and over	2	4.1	6	4.6	8	4.5	3	4.8	6	4.6	8	4.7
<b>Total</b>	<b>334</b>		<b>307</b>		<b>641</b>		<b>200</b>		<b>100</b>		<b>300</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	3.8	3.4	3.6	2.2	1.7	
Conf. interval	3.4 - 4.2	3.0 - 3.8	3.3 - 3.9	1.9 - 2.6	0.9 - 1.3	1.5 - 1.9
AS Rate (A)	3.8	3.2	3.5	2.3	1.0	1.6
Conf. interval	3.4 - 4.2	2.9 - 3.6	3.2 - 3.8	2.0 - 2.6	0.8 - 1.2	1.5 - 1.8
AS Rate (W)	3.2	2.8	3.0	1.9	0.8	1.3
Conf. interval	2.8 - 3.5	2.4 - 3.1	2.7 - 3.2	1.6 - 2.1	0.6 - 1.0	1.2 - 1.5
Lifetime risk (0-74)	1 in 242	1 in 294	1 in 266	1 in 404	1 in 965	1 in 575
PYLL (0-74)				2,547	1,203	3,750
Per cent of all cancers	0.8	0.9	0.8	1.0	0.7	0.9

**Average annual numbers and rates by State and Territory 1990-1994**

	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	121	4.1	93	2.9	215	3.5	68	2.3	32	1.0	100	1.6
Vic	87	4.0	69	2.9	156	3.4	56	2.6	27	1.1	83	1.8
Qld	61	4.3	44	2.9	105	3.7	34	2.4	15	1.0	49	1.7
WA	30	4.0	24	3.0	53	3.4	17	2.3	8	1.0	25	1.6
SA	24	3.2	23	2.8	47	3.0	15	1.9	8	0.9	23	1.4
Tas	9	3.8	7	2.8	16	3.3	6	2.7	3	1.0	9	1.8
ACT	4	3.3	4	2.9	7	3.1	2	2.5	1	1.2	4	1.8
NT	4	7.4	1	2.3	5	5.1	2	4.8	0	1.1	3	3.2

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

Note: Cancers attributable to alcohol are oropharynx, oesophagus, liver, larynx and female breast cancer.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.

**Table 33:Smoking-related cancers**

**Australia 1994**

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	1.1	3	0.5	10	0.8	1	0.2	0	0.0	1	0.1
20-24	26	3.5	10	1.4	36	2.5	1	0.2	1	0.1	2	0.2
25-29	44	6.5	18	2.6	62	4.6	3	0.5	3	0.4	6	0.4
30-34	83	11.2	44	5.9	126	8.6	8	1.1	5	0.6	13	0.9
35-39	97	13.9	59	8.4	155	11.1	31	4.5	15	2.1	46	3.3
40-44	134	20.3	74	11.3	208	15.8	61	9.3	27	4.1	88	6.7
45-49	275	44.5	132	22.2	407	33.5	128	20.8	66	11.0	194	16.0
50-54	393	82.8	161	35.5	554	59.7	249	52.4	105	23.3	354	38.2
55-59	646	164.1	184	47.7	830	106.5	420	106.6	138	35.7	558	71.6
60-64	996	280.3	261	73.2	1,257	176.5	687	193.4	184	51.5	871	122.3
65-69	1,327	399.2	375	105.7	1,702	247.7	1,024	308.1	283	79.7	1,307	190.2
70-74	1,375	521.2	414	130.5	1,789	307.9	1,109	420.3	340	107.0	1,448	249.2
75-79	947	580.0	307	134.8	1,254	320.7	786	481.6	267	117.1	1,053	269.3
80-84	571	579.5	156	93.1	727	273.5	478	485.3	134	80.2	612	230.4
85 and over	326	612.5	95	74.6	421	233.1	309	579.3	90	70.2	398	220.2
<b>Total</b>	<b>7,247</b>		<b>2,292</b>		<b>9,539</b>		<b>5,297</b>		<b>1,655</b>		<b>6,952</b>	

**Rates per 100,000 with 95 per cent confidence intervals**

Crude rate	81.5	25.6	53.4	59.6	18.5	38.9
Conf. interval	79.7 – 83.4	24.5 – 26.6	52.4 – 54.5	58.0 – 61.2	17.6 – 19.4	38.0 – 39.9
AS Rate (A)	86.9	23.4	51.9	64.5	16.6	37.7
Conf. interval	84.9 – 89.0	22.4 – 24.4	50.8 – 52.9	62.7 – 66.2	15.8 – 17.4	36.8 – 38.6
AS Rate (W)	62.4	17.8	38.4	44.6	12.2	27.0
Conf. interval	60.9 – 63.8	17.0 – 18.6	37.6 – 39.2	43.4 – 45.9	11.6 – 12.9	26.3 – 27.6
Lifetime risk (0-74)	1 in 13	1 in 45	1 in 21	1 in 18	1 in 64	1 in 29
PYLL (0-74)				39,319	13,660	52,979
Per cent of all cancers	17.0	7.0	12.6	27.7	11.6	20.8

**Average annual numbers and rates by State and Territory 1990-1994**

	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	2,498	88.5	797	23.9	3,295	52.8	1,770	64.0	546	16.0	2,316	36.9
Vic	1,874	91.6	594	24.1	2,468	54.1	1,327	65.7	428	17.2	1,755	38.4
Qld	1,208	88.4	343	22.6	1,551	53.1	856	63.9	235	15.1	1,091	37.1
WA	610	89.0	201	25.1	810	54.0	425	63.4	138	17.3	563	37.9
SA	656	90.3	199	22.9	855	52.7	460	63.7	134	15.1	594	36.3
Tas	218	98.3	66	25.6	283	58.0	144	65.7	49	19.0	193	39.4
ACT	66	74.7	24	22.2	90	45.3	54	65.6	18	16.9	72	38.1
NT	37	95.5	13	35.8	50	67.4	29	85.3	11	33.3	40	60.3

Note: AS Rates use Australian 1991 Population standard (A) unless World Standard Population (W) indicated. All rates expressed per 100,000.

Note: Cancers attributable to smoking are oropharynx, oesophagus, stomach, anus, pancreas, larynx, lung, uterus, cervix, vulva, penis, bladder, renal parenchyma and renal pelvis.

\* Data for Queensland are preliminary only. National incidence estimates have been constructed using modelled Queensland data.

Source: *Cancer in Australia 1991-1994 (with Projections to 1999)*, Australian Institute of Health and Welfare, 1998.