

Summary tables 1999

Table 16: Incidence summary table, Australia, 1999

ICD10/ICDO2	Cancer site/type	Males					Females			
		Number	AS rate (Aust 1991)	AS rate (World)	Cum. rate per cent	Sex ratio M:F	Number	AS rate (Aust 1991)	AS rate (World)	Cum. rate per cent
C00-C96	All cancers (excluding NMSC)	44,514	469.6	380.0	39.2	1.4	37,671	339.2	291.1	29.4
C00	Lip	633	6.5	5.6	0.5	2.9	270	2.3	1.9	0.2
C01-C02	Tongue	282	2.9	2.5	0.3	2.1	148	1.3	1.2	0.1
C03-C06	Mouth	280	2.8	2.5	0.3	2.0	164	1.4	1.2	0.1
C07-C08	Salivary gland	134	1.4	1.1	0.1	1.8	83	0.8	0.7	0.1
C09	Tonsil	174	1.7	1.5	0.2	3.3	53	0.5	0.5	0.1
C10	Other oropharynx	65	0.7	0.6	0.1	4.7	14	0.1	0.1	0.0
C11	Nasopharynx	89	0.9	0.8	0.1	2.6	37	0.4	0.3	0.0
C12-C13	Hypopharynx	132	1.3	1.1	0.1	5.3	27	0.3	0.2	0.0
C14	Pharynx unspecified	48	0.5	0.4	0.1	3.2	18	0.2	0.1	0.0
C15	Oesophagus	712	7.5	5.9	0.6	2.4	370	3.1	2.4	0.2
C16	Stomach	1,301	13.8	10.9	1.1	2.5	661	5.5	4.3	0.4
C17	Small intestine	146	1.5	1.3	0.1	1.7	97	0.9	0.8	0.1
C18	Colon	3,721	39.4	31.2	3.3	1.2	3,770	32.3	25.9	2.7
C19-C20	Rectum	2,360	24.6	20.0	2.2	1.8	1,537	13.4	11.0	1.1
C21	Anus	107	1.1	0.9	0.1	0.9	142	1.3	1.1	0.1
C18-C20	Colorectal (excluding anus)	6,081	64.0	51.2	5.5	1.4	5,307	45.8	36.9	3.8
C18-C21	Colorectal (including anus)	6,188	65.1	52.1	5.6	1.4	5,449	47.0	38.0	3.9
C22	Liver	483	5.1	4.1	0.4	3.1	192	1.7	1.3	0.1
C23-C24	Gallbladder	262	2.8	2.2	0.2	0.9	361	3.0	2.4	0.2
C25	Pancreas	916	9.7	7.7	0.8	1.3	872	7.3	5.6	0.6
C30-C31	Nasal cavity	83	0.9	0.7	0.1	2.6	38	0.3	0.3	0.0
C32	Larynx	490	5.0	4.2	0.5	7.1	76	0.7	0.6	0.1
C33-C34	Trachea, bronchus & lung	5,275	56.0	43.8	4.8	2.5	2,551	22.6	18.4	2.1
C37-C38	Other thoracic organs	53	0.6	0.5	0.0	1.8	33	0.3	0.3	0.0
C40-C41	Bone	84	0.9	0.9	0.1	1.0	86	0.9	0.8	0.1
C43	Skin—melanoma	4,627	47.8	41.2	4.1	1.4	3,616	34.2	30.8	2.9
C44	Skin—non-melanocytic (NMSC)*									
C45	Mesothelioma	387	4.1	3.2	0.3	6.2	77	0.7	0.6	0.1
C46	Kaposi's sarcoma	57	0.6	0.5	0.0	4.4	16	0.1	0.1	0.0
C47-C49	Connective & soft tissue	351	3.8	3.2	0.3	1.3	312	2.8	2.5	0.2
C50	Breast	75	0.8	0.6	0.1	<0.01	10,592	97.7	87.7	9.2
C51	Vulva						195	1.7	1.4	0.1
C52	Vagina						71	0.6	0.5	0.0
C53	Cervix uteri						787	7.7	6.9	0.6
C54	Corpus uteri						1,378	12.6	10.8	1.2
C55	Uterus unspecified						54	0.5	0.4	0.0
C56	Ovary						1,173	10.6	0.5	0.9
C57	Other female genital organs						62	0.6	0.5	0.1
C58	Placenta						4	0.0	0.0	0.0
C60	Penis	58	0.6	0.5	0.0					
C61	Prostate	10,232	109.5	84.8	9.2					
C62	Testis	564	6.1	5.8	0.4					
C63	Other male genital organs	19	0.2	0.2	0.0					
C64	Kidney	1,231	12.6	10.7	1.2	1.9	719	6.6	5.7	0.6
C65	Renal pelvis	119	1.3	1.0	0.1	1.1	134	1.2	0.9	0.1
C66	Ureter	74	0.8	0.6	0.1	2.0	50	0.4	0.3	0.0
C67	Bladder	2,076	22.2	17.2	1.7	3.6	729	6.1	4.8	0.5
C68	Other urinary organs	36	0.4	0.3	0.0	5.5	9	0.1	0.1	0.0
C69	Eye	127	1.3	1.2	0.1	1.5	90	0.9	0.8	0.1
C71	Brain	749	7.8	7.0	0.7	1.6	529	5.0	4.4	0.4
C70, C72	Meninges & other CNS	35	0.4	0.3	0.0	1.0	35	0.4	0.4	0.0
C70-C72	Brain & CNS	784	8.1	7.4	0.7	1.5	564	5.4	4.8	0.5
C73	Thyroid	252	2.6	2.4	0.2	0.3	750	7.4	6.9	0.6
C74	Adrenal gland	26	0.3	0.3	0.0	0.8	34	0.4	0.4	0.0
C75	Other endocrine	20	0.2	0.2	0.0	3.2	7	0.1	0.1	0.0
C81	Hodgkin's disease	232	2.5	2.4	0.2	1.3	185	2.0	1.9	0.1
C82-C85, C96	Non-Hodgkin's lymphoma	1,775	18.5	15.5	1.5	1.4	1,487	13.1	10.9	1.1
M9590/3	Lymphoma NOS	172	1.8	1.5	0.1	1.4	160	1.3	1.0	0.1
C81-C85, C96	All lymphomas	2,007	21.0	17.8	1.7	1.4	1,672	15.0	12.8	1.2
C88	Immunoproliferative neoplasms	43	0.5	0.4	0.0	1.7	33	0.3	0.2	0.0
C90	Multiple myeloma	570	6.0	4.8	0.5	1.6	442	3.8	3.1	0.3
C91	Lymphoid leukaemia	641	6.8	5.9	0.5	1.7	424	3.9	3.5	0.3
C92-C94	Myeloid leukaemia	667	7.1	5.8	0.5	1.5	527	4.6	3.9	0.3
C95	Leukaemia unspecified	56	0.6	0.5	0.0	1.8	45	0.3	0.3	0.0
C76-C80, C26, C39	Unknown primary site	1,585	17.0	13.2	1.2	1.4	1,505	12.4	9.8	0.9
#	Alcohol related	1,117	11.5	9.6	1.1	0.8	1,485	13.6	12.2	1.3
#	Smoking related	7,681	81.2	64.0	7.0	3.2	2,937	25.8	20.6	2.4

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

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

See Appendix A for ICD-10 codes.

Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 17: Mortality summary table, Australia, 1999

ICD10	Cancer site	Males					Females			
		Number	AS Rate (Aust 1991)	AS Rate (World)	PYLL (<75 yrs)	Sex ratio M:F	Number	AS Rate (Aust 1991)	AS Rate (World)	PYLL (<75 yrs)
C00-C96	All cancers (excluding NMSC)	19,609	210.3	163.0	138,368	1.7	15,086	127.4	102.3	115,825
C00	Lip	9	0.1	0.1	93	3.7	4	0.0	0.0	3
C01-C02	Tongue	110	1.1	1.0	1,195	2.2	60	0.5	0.4	515
C03-C06	Mouth	73	0.8	0.6	780	1.5	60	0.5	0.4	323
C07-C08	Salivary gland	31	0.3	0.3	178	2.4	18	0.1	0.1	110
C09	Tonsil	35	0.4	0.3	368	3.3	12	0.1	0.1	153
C10	Other oropharynx	52	0.5	0.4	485	3.9	16	0.1	0.1	130
C11	Nasopharynx	39	0.4	0.4	738	4.5	11	0.1	0.1	48
C12-C13	Hypopharynx	66	0.7	0.6	600	8.8	9	0.1	0.1	38
C14	Pharynx unspecified	40	0.4	0.3	338	3.1	15	0.1	0.1	100
C15	Oesophagus	645	6.8	5.4	4,690	2.9	294	2.4	1.8	1,205
C16	Stomach	754	8.1	6.3	5,288	2.2	451	3.6	2.8	2,510
C17	Small intestine	60	0.6	0.5	603	1.9	39	0.3	0.3	313
C18	Colon	1,758	18.8	14.6	11,235	1.5	1,565	12.7	9.9	8,480
C19-C20	Rectum	705	7.5	5.9	5,013	1.8	499	4.2	3.3	3,485
C21	Anus	20	0.2	0.2	205	0.9	28	0.2	0.2	265
C18-C20	Colorectal (excluding Anus)	2,463	26.3	20.5	16,248	1.6	2,064	16.9	13.2	11,965
C18-C21	Colorectal (including Anus)	2,483	26.5	20.7	16,453	1.6	2,092	17.1	13.4	12,230
C22	Liver	449	4.8	3.8	3,623	2.3	241	2.0	1.6	1,485
C23-C24	Gallbladder	127	1.4	1.0	635	0.9	201	1.6	1.2	740
C25	Pancreas	868	9.3	7.2	6,055	1.3	840	7.0	5.3	3,905
C30-C31	Nasal cavity	22	0.2	0.2	265	2.6	12	0.1	0.1	28
C32	Larynx	210	2.2	1.8	1,633	7.8	33	0.3	0.2	183
C33-C34	Trachea, bronchus & lung	4,645	49.5	38.3	29,048	2.7	2,123	18.6	14.8	14,295
C37-C38	Other thoracic organs	28	0.3	0.2	385	1.5	23	0.2	0.2	340
C40-C41	Bone	53	0.6	0.5	1,373	1.5	42	0.4	0.3	788
C43	Skin—melanoma	641	6.7	5.5	7,085	2.1	364	3.2	2.7	4,370
C44	Skin—non-melanocytic (NMSC)	270	3.0	2.2	1,250	3.7	113	0.8	0.6	305
C45	Mesothelioma	333	3.5	2.8	2,545	6.9	57	0.5	0.4	528
C46	Kaposi's sarcoma	0	0.0	0.0	0		0	0.0	0.0	0
C47-C49	Connective & soft tissue	127	1.3	1.1	1,955	1.1	144	1.3	1.1	1,593
C50	Breast	21	0.2	0.2	268	<0.01	2,512	22.0	18.9	29,685
C51	Vulva						44	0.4	0.3	173
C52	Vagina						26	0.2	0.2	125
C53	Cervix uteri						226	2.0	1.7	3,115
C54	Corpus uteri						237	2.0	1.6	1,418
C55	Uterus unspecified						25	0.2	0.2	90
C56	Ovary						731	6.3	5.1	5,948
C57	Other female genital organs						14	0.1	0.1	90
C58	Placenta						1	0.0	0.0	53
C60	Penis	15	0.2	0.1	108					
C61	Prostate	2,512	28.1	20.0	5,470					
C62	Testis	31	0.3	0.3	965					
C63	Other male genital organs	0	0.0	0.0	0					
C64	Kidney	486	5.1	4.1	4,240	2.0	314	2.6	2.0	1,503
C65	Renal pelvis	13	0.1	0.1	60	1.4	14	0.1	0.1	18
C66	Ureter	12	0.1	0.1	80	1.4	11	0.1	0.1	48
C67	Bladder	602	6.7	4.9	2,180	3.3	257	2.0	1.5	790
C68	Other urinary organs	17	0.2	0.1	85	2.7	9	0.1	0.1	68
C69	Eye	13	0.1	0.1	150	0.9	17	0.1	0.1	180
C71	Brain	587	6.0	5.3	10,365	1.6	420	3.8	3.3	5,543
C70, C72	Meninges & other CNS	11	0.1	0.1	95	1.1	12	0.1	0.1	158
C70-C72	Brain & CNS	598	6.1	5.4	10,460	1.6	432	3.9	3.4	5,700
C73	Thyroid	36	0.4	0.3	308	1.0	45	0.4	0.3	243
C74	Adrenal gland	17	0.2	0.2	588	0.9	19	0.2	0.2	555
C75	Other endocrine	4	0.0	0.0	8	1.0	5	0.0	0.0	115
C81	Hodgkin's disease	32	0.4	0.3	660	1.6	23	0.2	0.2	473
C82-C85, C96	Non-Hodgkin's lymphoma	793	8.4	6.6	7,048	1.4	710	6.0	4.7	4,973
C81-C85, C96	All lymphomas	825	8.8	6.9	7,708	1.4	733	6.2	4.9	5,445
C88	Immunoproliferative neoplasms	27	0.3	0.2	100	2.6	14	0.1	0.1	35
C90	Multiple myeloma	354	3.8	2.9	1,978	1.8	269	2.1	1.6	993
C91	Lymphoid leukaemia	260	2.8	2.3	4,320	2.1	173	1.4	1.1	1,638
C92-C94	Myeloid leukaemia	465	5.0	3.9	4,240	1.6	375	3.2	2.6	4,258
C95	Leukaemia unspecified	40	0.4	0.3	345	1.3	44	0.3	0.2	190
C97	Independent (primary) multiple	113	1.2	0.9	560	1.9	80	0.6	0.5	363
C76-C80, C26, C39	Unknown primary site	1,248	13.5	10.3	7,745	1.3	1,298	10.3	8.0	7,065
#	Alcohol related	703	7.4	5.9	5,799	1.7	496	4.3	3.6	4,782
#	Smoking related	5,488	58.6	45.2	32,493	3.3	2,066	17.8	14.0	11,333

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

See Appendix A for ICD-10 codes.

Source: *Cancer in Australia 1999*, AIHW & AACR, 2002.

Tables for selected cancers 1999

- 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 AIHW's web site at www.aihw.gov.au or can be requested in hard copy from the AIHW.

Table 18: All cancers (ICD-10 C00–C97 excluding non-melanocytic skin cancer C44)

Australia 1999

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–4	153	23.1	134	21.4	287	22.3	19	2.9	20	3.2	39	3.0
5–9	82	11.9	57	8.7	139	10.3	30	4.4	15	2.3	45	3.3
10–14	78	11.4	83	12.8	161	12.1	22	3.2	12	1.8	34	2.6
15–19	191	28.4	139	21.7	330	25.1	46	6.8	21	3.3	67	5.1
20–24	240	36.4	246	38.3	486	37.3	44	6.7	27	4.2	71	5.5
25–29	403	55.0	465	63.2	868	59.1	66	9.0	56	7.6	122	8.3
30–34	552	78.4	780	109.0	1,332	93.8	77	10.9	98	13.7	175	12.3
35–39	825	109.7	1,259	165.4	2,084	137.7	152	20.2	186	24.4	338	22.3
40–44	1,121	158.4	1,933	269.2	3,054	214.2	252	35.6	371	51.7	623	43.7
45–49	1,655	249.0	2,627	393.5	4,282	321.4	476	71.6	592	88.7	1,068	80.2
50–54	2,788	453.5	3,383	564.4	6,171	508.3	919	149.5	793	132.3	1,712	141.0
55–59	3,790	808.1	3,398	744.9	7,188	777.0	1,344	286.6	979	214.6	2,323	251.1
60–64	4,904	1,275.2	3,609	934.4	8,513	1,104.4	1,791	465.7	1,240	321.0	3,031	393.2
65–69	6,501	1,942.7	3,976	1,147.1	10,477	1,537.9	2,624	784.1	1,571	453.2	4,195	615.8
70–74	7,687	2,595.7	4,625	1,385.4	12,312	1,954.3	3,593	1,213.3	2,237	670.1	5,830	925.4
75–79	6,871	3,235.9	4,553	1,617.4	11,424	2,313.3	3,551	1,672.3	2,408	855.4	5,959	1,206.7
80–84	3,912	3,468.5	3,248	1,767.2	7,160	2,414.2	2,430	2,154.5	2,044	1,112.1	4,474	1,508.5
85 and over	2,761	3,831.6	3,156	1,911.6	5,917	2,495.0	2,173	3,015.6	2,416	1,463.4	4,589	1,935.0
Total	44,514		37,671		82,185		19,609		15,086		34,695	

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

Crude rate	472.5	393.9	432.9	208.1	157.7	182.8
95% CI	468.1 – 476.9	389.9 – 397.9	430.0 – 435.9	205.2 – 211.1	155.2 – 160.3	180.8 – 184.7
AS rate (Aust. 1991)	469.6	339.2	394.5	210.3	127.4	162.6
95% CI	465.2 – 474.0	335.7 – 342.7	391.8 – 397.2	207.3 – 213.2	125.3 – 129.5	160.9 – 164.3
AS rate (new WHO World)	380.0	291.1	328.8	163.0	102.3	128.4
95% CI	376.5 – 383.6	288.1 – 294.2	326.5 – 331.1	160.7 – 165.3	100.5 – 104.0	127.0 – 129.8
Lifetime risk (0–74)	1 in 3	1 in 4	1 in 3	1 in 7	1 in 11	1 in 8
PYLL (0–74)				138,368	115,825	254,193
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, 1995–1999

	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	15,091	481.5	12,338	334.2	27,429	396.3	6,578	213.6	5,104	129.4	11,683	164.4
Vic	10,958	484.1	9,468	347.8	20,425	404.2	5,031	224.9	4,016	137.9	9,048	174.4
Qld	8,131	508.9	6,584	360.9	14,715	425.8	3,455	221.7	2,482	130.0	5,937	170.1
WA	3,751	469.7	3,108	331.9	6,859	391.1	1,694	220.2	1,294	133.4	2,988	170.5
SA	3,878	489.2	3,220	342.6	7,098	403.8	1,713	216.0	1,357	132.6	3,070	167.2
Tas	1,191	495.8	989	352.5	2,180	412.3	558	235.2	447	148.3	1,006	184.5
ACT	537	494.8	458	327.2	995	398.4	228	229.6	214	162.9	442	190.3
NT	218	429.5	158	313.9	376	376.1	91	215.7	66	173.6	157	196.3

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 19: Cancer of the stomach (ICD-10 C16)

Australia 1999

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	1	0.1	1	0.2	2	0.2	0	0.0	0	0.0	0	0.0
20-24	1	0.2	1	0.2	2	0.2	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	1	0.1	3	0.4	4	0.3	2	0.3	4	0.6	6	0.4
35-39	16	2.1	7	0.9	23	1.5	9	1.2	1	0.1	10	0.7
40-44	27	3.8	12	1.7	39	2.7	4	0.6	6	0.8	10	0.7
45-49	52	7.8	22	3.3	74	5.6	28	4.2	18	2.7	46	3.5
50-54	69	11.2	31	5.2	100	8.2	36	5.9	14	2.3	50	4.1
55-59	96	20.5	24	5.3	120	13.0	54	11.5	18	3.9	72	7.8
60-64	133	34.6	48	12.4	181	23.5	74	19.2	28	7.2	102	13.2
65-69	198	59.2	76	21.9	274	40.2	115	34.4	43	12.4	158	23.2
70-74	243	82.1	104	31.2	347	55.1	131	44.2	67	20.1	198	31.4
75-79	210	98.9	111	39.4	321	65.0	124	58.4	69	24.5	193	39.1
80-84	144	127.7	97	52.8	241	81.3	97	86.0	77	41.9	174	58.7
85 and over	108	149.9	123	74.5	231	97.4	78	108.2	103	62.4	181	76.3
Total	1,301		661		1,962		754		451		1,205	

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

Crude rate	13.8	6.9	10.3	8.0	4.7	6.3
95% CI	13.1 – 14.6	6.4 – 7.4	9.9 – 10.8	7.4 – 8.6	4.3 – 5.2	6.0 – 6.7
AS rate (Aust. 1991)	13.8	5.5	9.3	8.1	3.6	5.6
95% CI	13.1 – 14.6	5.1 – 5.9	8.8 – 9.7	7.5 – 8.7	3.3 – 4.0	5.3 – 5.9
AS rate (new WHO World)	10.9	4.3	7.3	6.3	2.8	4.4
95% CI	10.3 – 11.5	3.9 – 4.6	7.0 – 7.6	5.8 – 6.7	2.5 – 3.1	4.1 – 4.6
Lifetime risk (0-74)	1 in 91	1 in 242	1 in 133	1 in 165	1 in 395	1 in 235
PYLL (0-74)				5,288	2,510	7,798
Per cent of all cancers	2.9	1.8	2.4	3.8	3.0	3.5

Average annual numbers and rates by State and Territory, 1995-1999

	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	426	13.6	230	5.8	656	9.3	242	7.9	137	3.3	379	5.3
Vic	341	15.1	189	6.5	530	10.3	219	9.8	129	4.3	348	6.7
Qld	209	13.4	110	5.7	319	9.2	127	8.3	69	3.5	196	5.6
WA	106	13.4	62	6.4	168	9.7	71	9.2	45	4.6	116	6.7
SA	109	13.7	62	5.9	170	9.4	75	9.5	50	4.7	125	6.8
Tas	32	13.6	18	5.8	50	9.3	24	10.1	15	4.7	39	7.0
ACT	14	13.3	8	6.6	23	9.6	9	9.8	8	5.9	17	7.7
NT	4	11.4	1	2.6	5	6.9	2	5.1	1	3.0	3	4.1

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 20: Cancer of the colon and rectum (including anus) (ICD-10 C18–C21)

Australia 1999

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	1	0.1	3	0.5	4	0.3	0	0.0	0	0.0	0	0.0
20–24	2	0.3	5	0.8	7	0.5	3	0.5	1	0.2	4	0.3
25–29	21	2.9	14	1.9	35	2.4	4	0.5	0	0.0	4	0.3
30–34	26	3.7	39	5.4	65	4.6	4	0.6	9	1.3	13	0.9
35–39	62	8.2	66	8.7	128	8.5	11	1.5	20	2.6	31	2.0
40–44	97	13.7	122	17.0	219	15.4	19	2.7	32	4.5	51	3.6
45–49	212	31.9	214	32.1	426	32.0	47	7.1	57	8.5	104	7.8
50–54	400	65.1	291	48.6	691	56.9	119	19.4	81	13.5	200	16.5
55–59	560	119.4	432	94.7	992	107.2	206	43.9	135	29.6	341	36.9
60–64	780	202.8	503	130.2	1,283	166.5	273	71.0	160	41.4	433	56.2
65–69	959	286.6	674	194.5	1,633	239.7	357	106.7	201	58.0	558	81.9
70–74	1,160	391.7	833	249.5	1,993	316.4	496	167.5	298	89.3	794	126.0
75–79	991	466.7	877	311.5	1,868	378.3	405	190.7	338	120.1	743	150.5
80–84	531	470.8	685	372.7	1,216	410.0	272	241.2	332	180.6	604	203.7
85 and over	386	535.7	691	418.5	1,077	454.1	267	370.5	428	259.2	695	293.1
Total	6,188		5,449		11,637		2,483		2,092		4,575	

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

Crude rate	65.7	57.0	61.3	26.4	21.9	24.1
95% CI	64.0 – 67.3	55.5 – 58.5	60.2 – 62.4	25.3 – 27.4	20.9 – 22.8	23.4 – 24.8
AS rate (Aust. 1991)	65.1	47.0	55.3	26.5	17.1	21.3
95% CI	63.5 – 66.7	45.7 – 48.3	54.3 – 56.3	25.5 – 27.6	16.4 – 17.9	20.7 – 22.0
AS rate (new WHO World)	52.1	38.0	44.6	20.7	13.4	16.7
95% CI	50.8 – 53.4	36.9 – 39.1	43.7 – 45.4	19.8 – 21.5	12.8 – 14.0	16.2 – 17.2
Lifetime risk (0–74)	1 in 18	1 in 26	1 in 22	1 in 48	1 in 81	1 in 61
PYLL (0–74)				16,453	12,230	28,683
Per cent of all cancers	13.9	14.5	14.2	12.7	13.9	13.2

Average annual numbers and rates by State and Territory, 1995–1999

	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	2,067	65.7	1,721	44.5	3,788	54.1	815	26.8	683	17.1	1,498	21.3
Vic	1,544	68.0	1,326	46.5	2,871	56.2	666	30.0	577	19.4	1,243	24.2
Qld	1,080	67.5	904	48.5	1,984	57.5	426	27.7	349	18.4	775	22.6
WA	506	63.9	411	43.3	917	52.6	219	28.6	180	18.5	399	23.0
SA	538	67.4	483	47.7	1,021	56.7	214	27.3	197	18.9	411	22.6
Tas	155	64.3	151	50.7	306	57.0	73	31.0	73	23.8	145	27.0
ACT	70	63.7	51	38.5	121	50.1	31	30.2	29	22.0	59	26.1
NT	23	48.7	14	38.6	37	44.5	7	18.1	7	19.9	14	19.3

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 21: Cancer of the pancreas (ICD-10 C25)

Australia 1999

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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25-29	1	0.1	0	0.0	1	0.1	0	0.0	1	0.1	1	0.1
30-34	3	0.4	2	0.3	5	0.4	2	0.3	2	0.3	4	0.3
35-39	6	0.8	6	0.8	12	0.8	8	1.1	4	0.5	12	0.8
40-44	18	2.5	10	1.4	28	2.0	11	1.6	6	0.8	17	1.2
45-49	26	3.9	13	1.9	39	2.9	27	4.1	10	1.5	37	2.8
50-54	56	9.1	27	4.5	83	6.8	50	8.1	26	4.3	76	6.3
55-59	86	18.3	38	8.3	124	13.4	61	13.0	32	7.0	93	10.1
60-64	104	27.0	74	19.2	178	23.1	87	22.6	78	20.2	165	21.4
65-69	127	38.0	93	26.8	220	32.3	116	34.7	88	25.4	204	29.9
70-74	165	55.7	163	48.8	328	52.1	168	56.7	149	44.6	317	50.3
75-79	144	67.8	171	60.7	315	63.8	143	67.3	156	55.4	299	60.5
80-84	104	92.2	134	72.9	238	80.2	94	83.3	143	77.8	237	79.9
85 and over	76	105.5	141	85.4	217	91.5	101	140.2	145	87.8	246	103.7
Total	916		872		1,788		868		840		1,708	

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

Crude rate	9.7	9.1	9.4	9.2	8.8	9.0
95% CI	9.1 – 10.4	8.5 – 9.7	9.0 – 9.9	8.6 – 9.8	8.2 – 9.4	8.6 – 9.4
AS rate (Aust. 1991)	9.7	7.3	8.4	9.3	7.0	8.0
95% CI	9.1 – 10.3	6.8 – 7.8	8.0 – 8.8	8.6 – 9.9	6.5 – 7.4	7.6 – 8.4
AS rate (new WHO World)	7.7	5.6	6.6	7.2	5.3	6.2
95% CI	7.2 – 8.2	5.2 – 6.0	6.3 – 6.9	6.7 – 7.7	4.9 – 5.7	5.9 – 6.5
Lifetime risk (0-74)	1 in 129	1 in 179	1 in 150	1 in 141	1 in 191	1 in 163
PYLL (0-74)				6,055	3,905	9,960
Per cent of all cancers	2.1	2.3	2.2	4.4	5.6	4.9

Average annual numbers and rates by State and Territory, 1995-1999

	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	292	9.4	301	7.5	593	8.3	268	8.7	287	7.1	555	7.8
Vic	222	9.9	220	7.3	442	8.5	214	9.6	215	7.2	429	8.3
Qld	151	9.5	142	7.4	292	8.4	142	9.1	132	6.8	274	7.9
WA	75	9.5	75	7.8	150	8.6	70	9.0	65	6.6	135	7.7
SA	74	9.3	75	7.0	149	8.1	69	8.7	70	6.6	139	7.6
Tas	23	9.9	26	8.3	49	9.0	22	9.1	26	8.3	47	8.7
ACT	8	8.5	11	8.2	19	8.2	10	9.5	10	7.8	19	8.5
NT	6	9.7	3	9.2	9	10.0	5	7.8	3	10.3	7	9.7

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 22: Cancer of the trachea, bronchus and lung (ICD-10 C33–C34)

Australia 1999

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	1	0.2	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20–24	1	0.2	1	0.2	2	0.2	0	0.0	0	0.0	0	0.0
25–29	4	0.5	2	0.3	6	0.4	0	0.0	1	0.1	1	0.1
30–34	11	1.6	4	0.6	15	1.1	3	0.4	2	0.3	5	0.4
35–39	25	3.3	18	2.4	43	2.8	15	2.0	10	1.3	25	1.7
40–44	52	7.3	49	6.8	101	7.1	35	4.9	33	4.6	68	4.8
45–49	122	18.4	82	12.3	204	15.3	93	14.0	49	7.3	142	10.7
50–54	239	38.9	175	29.2	414	34.1	200	32.5	121	20.2	321	26.4
55–59	402	85.7	207	45.4	609	65.8	336	71.6	158	34.6	494	53.4
60–64	609	158.4	263	68.1	872	113.1	493	128.2	202	52.3	695	90.2
65–69	907	271.0	360	103.9	1,267	186.0	757	226.2	305	88.0	1,062	155.9
70–74	1,100	371.4	504	151.0	1,604	254.6	977	329.9	400	119.8	1,377	218.6
75–79	985	463.9	462	164.1	1,447	293.0	906	426.7	405	143.9	1,311	265.5
80–84	492	436.2	255	138.7	747	251.9	486	430.9	247	134.4	733	247.2
85 and over	326	452.4	169	102.4	495	208.7	344	477.4	189	114.5	533	224.7
Total	5,275		2,551		7,826		4,645		2,123		6,768	

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

Crude rate	56.0	26.7	41.2	49.3	22.2	35.7
95% CI	54.5 – 57.5	25.6 – 27.7	40.3 – 42.1	47.9 – 50.7	21.3 – 23.1	34.8 – 36.5
AS rate (Aust. 1991)	56.0	22.6	37.5	49.5	18.6	32.3
95% CI	54.5 – 57.5	21.8 – 23.5	36.7 – 38.4	48.0 – 50.9	17.8 – 19.4	31.5 – 33.0
AS rate (new WHO World)	43.8	18.4	29.9	38.3	14.8	25.4
95% CI	42.6 – 45.0	17.6 – 19.1	29.2 – 30.5	37.2 – 39.4	14.2 – 15.5	24.8 – 26.0
Lifetime risk (0–74)	1 in 21	1 in 48	1 in 30	1 in 25	1 in 61	1 in 36
PYLL (0–74)				29,048	14,295	43,343
Per cent of all cancers	11.9	6.8	9.5	23.7	14.1	19.5

Average annual numbers and rates by State and Territory, 1995–1999

	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	1,814	58.0	855	22.8	2,669	38.4	1,568	50.9	704	18.5	2,271	32.7
Vic	1,338	59.2	655	23.6	1,993	39.3	1,179	52.9	545	19.5	1,724	34.1
Qld	990	62.6	403	22.1	1,393	40.7	861	55.2	334	18.4	1,195	35.2
WA	475	61.5	235	25.5	710	41.6	408	53.8	189	20.3	597	35.2
SA	475	59.3	212	21.8	686	38.3	401	50.6	168	17.2	569	31.7
Tas	155	64.0	72	25.5	228	42.7	140	58.5	59	20.5	199	37.5
ACT	41	39.9	29	22.6	70	30.1	45	45.1	27	21.2	72	31.7
NT	36	77.0	14	38.3	50	59.8	29	73.0	11	28.2	40	51.6

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 23: Cancer of the skin—melanoma (ICD-10 C43)

Australia 1999

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	2	0.3	3	0.5	5	0.4	0	0.0	0	0.0	0	0.0
10-14	2	0.3	7	1.1	9	0.7	0	0.0	0	0.0	0	0.0
15-19	43	6.4	35	5.5	78	5.9	0	0.0	1	0.2	1	0.1
20-24	69	10.5	117	18.2	186	14.3	3	0.5	3	0.5	6	0.5
25-29	122	16.7	144	19.6	266	18.1	7	1.0	5	0.7	12	0.8
30-34	167	23.7	201	28.1	368	25.9	10	1.4	10	1.4	20	1.4
35-39	242	32.2	278	36.5	520	34.4	17	2.3	15	2.0	32	2.1
40-44	294	41.5	298	41.5	592	41.5	27	3.8	16	2.2	43	3.0
45-49	390	58.7	384	57.5	774	58.1	37	5.6	23	3.4	60	4.5
50-54	443	72.1	373	62.2	816	67.2	45	7.3	26	4.3	71	5.8
55-59	435	92.8	294	64.5	729	78.8	69	14.7	22	4.8	91	9.8
60-64	461	119.9	253	65.5	714	92.6	51	13.3	32	8.3	83	10.8
65-69	487	145.5	282	81.4	769	112.9	73	21.8	38	11.0	111	16.3
70-74	566	191.1	300	89.9	866	137.5	93	31.4	49	14.7	142	22.5
75-79	453	213.3	269	95.6	722	146.2	83	39.1	39	13.9	122	24.7
80-84	285	252.7	205	111.5	490	165.2	71	63.0	29	15.8	100	33.7
85 and over	166	230.4	172	104.2	338	142.5	55	76.3	56	33.9	111	46.8
Total	4,627		3,616		8,243		641		364		1,005	

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

Crude rate	49.1	37.8	43.4	6.8	3.8	5.3
95% CI	47.7 – 50.5	36.6 – 39.0	42.5 – 44.4	6.3 – 7.3	3.4 – 4.2	5.0 – 5.6
AS rate (Aust. 1991)	47.8	34.2	40.2	6.7	3.2	4.8
95% CI	46.4 – 49.2	33.0 – 35.3	39.4 – 41.1	6.2 – 7.3	2.9 – 3.5	4.5 – 5.1
AS rate (new WHO World)	41.2	30.8	35.5	5.5	2.7	3.9
95% CI	40.0 – 42.4	29.8 – 31.9	34.7 – 36.3	5.1 – 5.9	2.4 – 3.0	3.7 – 4.2
Lifetime risk (0-74)	1 in 25	1 in 35	1 in 30	1 in 195	1 in 375	1 in 258
PYLL (0-74)				7,085	4,370	11,455
Per cent of all cancers	10.4	9.6	10.0	3.3	2.4	2.9

Average annual numbers and rates by State and Territory, 1995-1999

	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	1,541	48.3	1,093	31.1	2,634	38.8	231	7.5	117	3.1	348	5.0
Vic	836	36.1	798	31.0	1,634	33.0	127	5.6	79	2.8	206	4.1
Qld	1,098	65.8	833	47.2	1,931	55.7	131	8.2	71	3.8	202	5.8
WA	436	51.1	328	35.6	764	42.7	52	6.5	31	3.2	83	4.7
SA	312	39.6	289	33.7	601	36.1	40	5.0	26	2.9	66	3.8
Tas	89	36.9	93	35.6	182	35.9	11	4.5	7	2.4	17	3.3
ACT	60	45.7	47	32.0	107	38.5	6	5.3	4	3.1	10	4.0
NT	24	32.5	15	21.0	39	27.3	3	4.2	1	1.3	3	2.9

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 24: Cancer of the breast (ICD-10 C50)

Australia 1999

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	11	1.7	11	0.8	0	0.0	2	0.3	2	0.2
25-29	1	0.1	49	6.7	50	3.4	0	0.0	4	0.5	4	0.3
30-34	1	0.1	185	25.8	186	13.1	0	0.0	20	2.8	20	1.4
35-39	0	0.0	439	57.7	439	29.0	1	0.1	63	8.3	64	4.2
40-44	4	0.6	819	114.1	823	57.7	4	0.6	138	19.2	142	10.0
45-49	4	0.6	1,148	172.0	1,152	86.5	0	0.0	209	31.3	209	15.7
50-54	4	0.7	1,492	248.9	1,496	123.2	1	0.2	253	42.2	254	20.9
55-59	9	1.9	1,294	283.7	1,303	140.8	0	0.0	263	57.7	263	28.4
60-64	7	1.8	1,239	320.8	1,246	161.7	3	0.8	266	68.9	269	34.9
65-69	15	4.5	1,085	313.0	1,100	161.5	5	1.5	215	62.0	220	32.3
70-74	11	3.7	984	294.7	995	157.9	1	0.3	285	85.4	286	45.4
75-79	11	5.2	835	296.6	846	171.3	4	1.9	276	98.0	280	56.7
80-84	3	2.7	542	294.9	545	183.8	2	1.8	227	123.5	229	77.2
85 and over	5	6.9	470	284.7	475	200.3	0	0.0	291	176.3	291	122.7
Total	75		10,592		10,667		21		2,512		2,533	

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

Crude rate	0.8	110.8	56.2	0.2	26.3	13.3
95% CI	0.6 – 1.0	108.6 – 112.9	55.1 – 57.3	0.1 – 0.3	25.2 – 27.3	12.8 – 13.9
AS rate (Aust. 1991)	0.8	97.7	51.0	0.2	22.0	11.8
95% CI	0.6 – 1.0	95.9 – 99.6	50.0 – 51.9	0.1 – 0.3	21.1 – 22.9	11.4 – 12.3
AS rate (new WHO World)	0.6	87.7	45.3	0.2	18.9	10.0
95% CI	0.5 – 0.8	86.0 – 89.4	44.4 – 46.2	0.1 – 0.3	18.1 – 19.7	9.6 – 10.4
Lifetime risk (0-74)	1 in 1,426	1 in 11	1 in 22	1 in 5,760	1 in 53	1 in 104
PYLL (0-74)				268	29,685	29,953
Per cent of all cancers	0.2	28.1	13.0	0.1	16.7	7.3

Average annual numbers and rates by State and Territory, 1995-1999

	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	27	0.8	3,516	98.1	3,543	51.3	8	0.2	855	22.9	862	12.4
Vic	17	0.7	2,672	101.2	2,689	53.4	6	0.3	698	25.4	704	13.8
Qld	15	0.9	1,770	97.8	1,785	50.6	3	0.2	427	22.9	431	12.2
WA	6	0.8	936	100.4	942	52.0	1	0.1	227	23.6	228	12.6
SA	6	0.8	908	100.9	914	53.2	1	0.2	231	24.0	232	13.1
Tas	3	1.1	246	89.9	248	47.2	0	0.2	68	23.4	68	12.7
ACT	1	1.2	148	100.8	149	53.2	0	0.4	43	31.8	43	17.5
NT	1	1.1	44	72.7	44	34.4	0	0.0	13	27.9	13	13.3

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 25: Cancer of the cervix uteri (ICD-10 C53)

Australia 1999

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			7	1.1					1	0.2		
25-29			55	7.5					2	0.3		
30-34			74	10.3					7	1.0		
35-39			100	13.1					8	1.1		
40-44			104	14.5					18	2.5		
45-49			76	11.4					27	4.0		
50-54			65	10.8					16	2.7		
55-59			48	10.5					15	3.3		
60-64			63	16.3					15	3.9		
65-69			54	15.6					21	6.1		
70-74			44	13.2					30	9.0		
75-79			41	14.6					27	9.6		
80-84			35	19.0					19	10.3		
85 and over			21	12.7					20	12.1		
Total			787						226			

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

Crude rate		8.2		2.4
95% CI		7.7 – 8.8		2.1 – 2.7
AS rate (Aust. 1991)		7.7		2.0
95% CI		7.1 – 8.2		1.8 – 2.3
AS rate (new WHO World)		6.9		1.7
95% CI		6.5 – 7.4		1.5 – 2.0
Lifetime risk (0-74)		1 in 161		1 in 591
PYLL (0-74)				3,115
Per cent of all cancers		2.1		1.5

Average annual numbers and rates by State and Territory, 1995-1999

	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			301	8.8					100	2.7		
Vic			210	8.3					63	2.3		
Qld			172	9.8					48	2.7		
WA			81	8.7					28	2.9		
SA			55	6.7					19	2.0		
Tas			24	10.0					11	3.9		
ACT			12	7.9					5	3.6		
NT			11	16.1					4	8.1		

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 26: Cancer of the corpus uteri and uterus unspecified (ICD-10 C54–C55)

Australia 1999

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			3	0.4					0	0.0		
30–34			12	1.7					0	0.0		
35–39			19	2.5					2	0.3		
40–44			53	7.4					4	0.6		
45–49			84	12.6					6	0.9		
50–54			148	24.7					7	1.2		
55–59			176	38.6					16	3.5		
60–64			207	53.6					26	6.7		
65–69			181	52.2					36	10.4		
70–74			188	56.3					42	12.6		
75–79			164	58.3					34	12.1		
80–84			104	56.6					43	23.4		
85 and over			93	56.3					46	27.9		
Total			1,432						262			

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

Crude rate		15.0		2.7
95% CI		14.2 – 15.7		2.4 – 3.1
AS rate (Aust. 1991)		13.0		2.2
95% CI		12.3 – 13.7		1.9 – 2.5
AS rate (new WHO World)		11.2		1.7
95% CI		10.6 – 11.8		1.5 – 2.0
Lifetime risk (0–74)		1 in 81		1 in 555
PYLL (0–74)				1,508
Per cent of all cancers		3.8		1.7

Average annual numbers and rates by State and Territory, 1995–1999

	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			440	12.0					94	2.3		
Vic			395	14.8					71	2.4		
Qld			238	13.1					46	2.3		
WA			104	11.3					23	2.4		
SA			140	15.1					27	2.5		
Tas			32	11.5					7	2.4		
ACT			19	14.2					3	2.8		
NT			6	12.0					1	5.3		

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 27: Cancer of the ovary (ICD-10 C56)

Australia 1999

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		
5-9			3	0.5					0	0.0		
10-14			5	0.8					0	0.0		
15-19			6	0.9					0	0.0		
20-24			15	2.3					0	0.0		
25-29			23	3.1					5	0.7		
30-34			24	3.4					3	0.4		
35-39			27	3.5					11	1.4		
40-44			54	7.5					13	1.8		
45-49			93	13.9					31	4.6		
50-54			122	20.4					51	8.5		
55-59			119	26.1					58	12.7		
60-64			133	34.4					64	16.6		
65-69			104	30.0					91	26.3		
70-74			138	41.3					100	30.0		
75-79			131	46.5					130	46.2		
80-84			81	44.1					87	47.3		
85 and over			94	56.9					87	52.7		
Total				1,173						731		

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

Crude rate		12.3		7.6
95% CI		11.6 – 13.0		7.1 – 8.2
AS rate (Aust. 1991)		10.6		6.3
95% CI		10.0 – 11.3		5.8 – 6.8
AS rate (new WHO World)		9.3		5.1
95% CI		8.7 – 9.9		4.7 – 5.5
Lifetime risk (0-74)		1 in 107		1 in 195
PYLL (0-74)				5,948
Per cent of all cancers		3.1		4.8

Average annual numbers and rates by State and Territory, 1995-1999

	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			368	10.1					250	6.6		
Vic			371	14.0					209	7.4		
Qld			193	10.6					116	6.3		
WA			88	9.4					62	6.6		
SA			91	9.8					63	6.6		
Tas			32	11.8					22	7.7		
ACT			13	8.7					11	8.3		
NT			3	6.0					2	5.1		

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 28: Cancer of the prostate (ICD-10 C61)

Australia 1999

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				
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	0	0.0					0	0.0				
30-34	0	0.0					0	0.0				
35-39	1	0.1					1	0.1				
40-44	9	1.3					4	0.6				
45-49	73	11.0					6	0.9				
50-54	403	65.6					18	2.9				
55-59	808	172.3					46	9.8				
60-64	1,301	338.3					102	26.5				
65-69	1,815	542.4					215	64.2				
70-74	2,087	704.7					416	140.5				
75-79	1,928	908.0					603	284.0				
80-84	1,053	933.6					538	477.0				
85 and over	753	1,045.0					563	781.3				
Total	10,232						2,512					

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

Crude rate	108.6	26.7
95% CI	106.5 – 110.7	25.6 – 27.7
AS rate (Aust. 1991)	109.5	28.1
95% CI	107.3 – 111.6	27.0 – 29.2
AS rate (new WHO World)	84.8	20.0
95% CI	83.2 – 86.5	19.2 – 20.7
Lifetime risk (0-74)	1 in 11	1 in 82
PYLL (0-74)		5,470
Per cent of all cancers	23.0	12.8

Average annual numbers and rates by State and Territory, 1995-1999

	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	3,715	119.9					848	29.2				
Vic	2,682	120.2					684	32.1				
Qld	1,625	105.5					457	31.5				
WA	905	116.7					204	28.8				
SA	1,057	133.0					230	29.9				
Tas	311	130.4					82	36.3				
ACT	163	163.7					27	30.9				
NT	31	84.5					5	18.9				

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 29: Cancer of the testis (ICD-10 C62)

Australia 1999

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					0	0.0				
5-9	0	0.0					0	0.0				
10-14	1	0.1					0	0.0				
15-19	21	3.1					1	0.1				
20-24	57	8.6					2	0.3				
25-29	79	10.8					4	0.5				
30-34	106	15.0					4	0.6				
35-39	109	14.5					6	0.8				
40-44	81	11.4					3	0.4				
45-49	35	5.3					2	0.3				
50-54	23	3.7					1	0.2				
55-59	17	3.6					2	0.4				
60-64	9	2.3					0	0.0				
65-69	3	0.9					0	0.0				
70-74	8	2.7					3	1.0				
75-79	4	1.9					1	0.5				
80-84	3	2.7					1	0.9				
85 and over	1	1.4					1	1.4				
Total	564						31					

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

Crude rate	6.0	0.3
95% CI	5.5 – 6.5	0.2 – 0.4
AS rate (Aust. 1991)	6.1	0.3
95% CI	5.6 – 6.6	0.2 – 0.4
AS rate (new WHO World)	5.8	0.3
95% CI	5.3 – 6.3	0.2 – 0.4
Lifetime risk (0-74)	1 in 241	1 in 4,264
PYLL (0-74)		965
Per cent of all cancers	1.3	0.2

Average annual numbers and rates by State and Territory, 1995-1999

	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	186	6.0					10	0.3				
Vic	136	6.1					8	0.3				
Qld	100	6.0					6	0.4				
WA	51	5.6					2	0.2				
SA	46	6.4					2	0.3				
Tas	14	5.9					0	0.2				
ACT	13	7.6					0	0.2				
NT	4	4.1					0	0.0				

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 30: Cancer of the bladder (ICD-10 C67)

Australia 1999

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	1	0.2	2	0.2	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
20-24	1	0.2	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
25-29	6	0.8	4	0.5	10	0.7	0	0.0	0	0.0	0	0.0
30-34	10	1.4	4	0.6	14	1.0	1	0.1	0	0.0	1	0.1
35-39	11	1.5	6	0.8	17	1.1	1	0.1	1	0.1	2	0.1
40-44	29	4.1	12	1.7	41	2.9	3	0.4	1	0.1	4	0.3
45-49	46	6.9	11	1.6	57	4.3	10	1.5	2	0.3	12	0.9
50-54	88	14.3	29	4.8	117	9.6	9	1.5	4	0.7	13	1.1
55-59	152	32.4	41	9.0	193	20.9	15	3.2	7	1.5	22	2.4
60-64	177	46.0	66	17.1	243	31.5	38	9.9	10	2.6	48	6.2
65-69	297	88.8	74	21.3	371	54.5	71	21.2	29	8.4	100	14.7
70-74	408	137.8	127	38.0	535	84.9	102	34.4	44	13.2	146	23.2
75-79	386	181.8	136	48.3	522	105.7	123	57.9	45	16.0	168	34.0
80-84	270	239.4	110	59.8	380	128.1	100	88.7	50	27.2	150	50.6
85 and over	193	267.8	108	65.4	301	126.9	129	179.0	64	38.8	193	81.4
Total	2,076		729		2,805		602		257		859	

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

Crude rate	22.0	7.6	14.8	6.4	2.7	4.5
95% CI	21.1 – 23.0	7.1 – 8.2	14.2 – 15.3	5.9 – 6.9	2.4 – 3.0	4.2 – 4.8
AS rate (Aust. 1991)	22.2	6.1	13.2	6.7	2.0	3.9
95% CI	21.2 – 23.2	5.7 – 6.6	12.7 – 13.7	6.1 – 7.2	1.8 – 2.3	3.7 – 4.2
AS rate (new WHO World)	17.2	4.8	10.3	4.9	1.5	2.9
95% CI	16.4 – 17.9	4.4 – 5.2	9.9 – 10.7	4.5 – 5.3	1.3 – 1.7	2.7 – 3.1
Lifetime risk (0-74)	1 in 60	1 in 210	1 in 95	1 in 277	1 in 744	1 in 409
PYLL (0-74)				2,180	790	2,970
Per cent of all cancers	4.7	1.9	3.4	3.1	1.7	2.5

Average annual numbers and rates by State and Territory, 1995-1999

	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	573	18.6	212	5.3	786	11.1	195	6.7	86	2.0	281	3.9
Vic	666	29.6	215	7.5	882	17.2	140	6.6	60	1.9	199	3.8
Qld	452	28.9	151	8.1	603	17.5	98	6.7	43	2.1	141	4.1
WA	103	13.7	33	3.4	136	7.9	42	5.9	19	1.9	60	3.5
SA	127	16.1	43	4.0	170	9.2	53	7.0	23	2.0	75	4.0
Tas	69	29.2	23	7.5	92	17.0	15	6.9	7	2.1	22	4.0
ACT	17	18.0	4	2.9	21	9.3	9	11.3	2	2.0	12	5.7
NT	4	11.0	1	1.4	5	6.3	2	6.8	0	1.6	3	4.0

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 31: Cancer of the kidney, renal pelvis, ureter, urethra and other and unspecified urinary organs (ICD-10 C64–C66, C68)

Australia 1999

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–4	12	1.8	26	4.1	38	2.9	2	0.3	2	0.3	4	0.3
5–9	6	0.9	4	0.6	10	0.7	2	0.3	0	0.0	2	0.1
10–14	1	0.1	1	0.2	2	0.2	1	0.1	0	0.0	1	0.1
15–19	1	0.1	1	0.2	2	0.2	1	0.1	0	0.0	1	0.1
20–24	4	0.6	2	0.3	6	0.5	0	0.0	1	0.2	1	0.1
25–29	4	0.5	6	0.8	10	0.7	1	0.1	0	0.0	1	0.1
30–34	8	1.1	12	1.7	20	1.4	2	0.3	0	0.0	2	0.1
35–39	32	4.3	13	1.7	45	3.0	7	0.9	1	0.1	8	0.5
40–44	44	6.2	28	3.9	72	5.0	8	1.1	1	0.1	9	0.6
45–49	97	14.6	49	7.3	146	11.0	20	3.0	5	0.7	25	1.9
50–54	134	21.8	62	10.3	196	16.1	31	5.0	5	0.8	36	3.0
55–59	146	31.1	78	17.1	224	24.2	41	8.7	19	4.2	60	6.5
60–64	167	43.4	84	21.7	251	32.6	54	14.0	27	7.0	81	10.5
65–69	218	65.1	114	32.9	332	48.7	69	20.6	42	12.1	111	16.3
70–74	236	79.7	136	40.7	372	59.0	101	34.1	53	15.9	154	24.4
75–79	176	82.9	157	55.8	333	67.4	86	40.5	76	27.0	162	32.8
80–84	112	99.3	82	44.6	194	65.4	53	47.0	55	29.9	108	36.4
85 and over	62	86.0	57	34.5	119	50.2	49	68.0	61	36.9	110	46.4
Total	1,460		912		2,372		528		348		876	

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

Crude rate	15.5	9.5	12.5	5.6	3.6	4.6
95% CI	14.7 – 16.3	8.9 – 10.2	12.0 – 13.0	5.1 – 6.1	3.3 – 4.0	4.3 – 4.9
AS rate (Aust. 1991)	15.1	8.2	11.4	5.6	2.9	4.1
95% CI	14.3 – 15.9	7.7 – 8.8	11.0 – 11.9	5.1 – 6.1	2.6 – 3.2	3.8 – 4.4
AS rate (new WHO World)	12.6	7.0	9.6	4.4	2.2	3.2
95% CI	12.0 – 13.3	6.5 – 7.4	9.2 – 10.0	4.1 – 4.8	2.0 – 2.5	3.0 – 3.5
Lifetime risk (0–74)	1 in 74	1 in 140	1 in 97	1 in 225	1 in 483	1 in 310
PYLL (0–74)				4,465	1,635	6,100
Per cent of all cancers	3.3	2.4	2.9	2.7	2.3	2.5

Average annual numbers and rates by State and Territory, 1995–1999

	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	449	14.1	307	8.2	756	10.9	159	5.2	130	3.3	288	4.1
Vic	328	14.2	203	7.4	531	10.5	126	5.6	78	2.7	204	4.0
Qld	246	15.0	163	8.9	409	11.8	87	5.6	66	3.5	153	4.5
WA	89	11.0	61	6.5	151	8.6	34	4.5	27	2.8	61	3.6
SA	120	15.1	66	7.0	186	10.7	44	5.6	26	2.5	70	3.9
Tas	39	16.1	21	7.2	60	11.3	17	7.1	8	2.5	25	4.6
ACT	15	13.3	11	8.3	26	10.8	7	7.3	5	4.1	11	5.4
NT	7	12.5	2	5.1	9	9.1	1	1.9	1	4.2	2	3.3

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 32: Cancer of the brain (ICD-10 C71)

Australia 1999

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0-4	30	4.5	17	2.7	47	3.6	8	1.2	2	0.3	10	0.8
5-9	13	1.9	12	1.8	25	1.9	9	1.3	3	0.5	12	0.9
10-14	13	1.9	14	2.2	27	2.0	6	0.9	5	0.8	11	0.8
15-19	19	2.8	11	1.7	30	2.3	6	0.9	5	0.8	11	0.8
20-24	14	2.1	8	1.2	22	1.7	2	0.3	1	0.2	3	0.2
25-29	24	3.3	14	1.9	38	2.6	12	1.6	5	0.7	17	1.2
30-34	33	4.7	16	2.2	49	3.5	12	1.7	8	1.1	20	1.4
35-39	27	3.6	17	2.2	44	2.9	18	2.4	12	1.6	30	2.0
40-44	48	6.8	26	3.6	74	5.2	34	4.8	16	2.2	50	3.5
45-49	56	8.4	26	3.9	82	6.2	47	7.1	25	3.7	72	5.4
50-54	72	11.7	27	4.5	99	8.2	62	10.1	28	4.7	90	7.4
55-59	65	13.9	35	7.7	100	10.8	75	16.0	36	7.9	111	12.0
60-64	67	17.4	44	11.4	111	14.4	66	17.2	38	9.8	104	13.5
65-69	89	26.6	60	17.3	149	21.9	67	20.0	52	15.0	119	17.5
70-74	64	21.6	69	20.7	133	21.1	66	22.3	73	21.9	139	22.1
75-79	70	33.0	65	23.1	135	27.3	59	27.8	53	18.8	112	22.7
80-84	26	23.1	39	21.2	65	21.9	19	16.8	29	15.8	48	16.2
85 and over	19	26.4	29	17.6	48	20.2	19	26.4	29	17.6	48	20.2
Total	749		529		1,278		587		420		1,007	

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

Crude rate	8.0	5.5	6.7	6.2	4.4	5.3
95% CI	7.4 – 8.5	5.1 – 6.0	6.4 – 7.1	5.7 – 6.7	4.0 – 4.8	5.0 – 5.6
AS rate (Aust. 1991)	7.8	5.0	6.4	6.0	3.8	4.9
95% CI	7.2 – 8.3	4.6 – 5.4	6.0 – 6.7	5.5 – 6.5	3.5 – 4.2	4.6 – 5.2
AS rate (new WHO World)	7.0	4.4	5.7	5.3	3.3	4.3
95% CI	6.5 – 7.5	4.0 – 4.8	5.4 – 6.0	4.9 – 5.7	3.0 – 3.6	4.0 – 4.5
Lifetime risk (0-74)	1 in 153	1 in 236	1 in 185	1 in 186	1 in 282	1 in 224
PYLL (0-74)				10,365	5,543	15,908
Per cent of all cancers	1.7	1.4	1.6	3.0	2.8	2.9

Average annual numbers and rates by State and Territory, 1995-1999

	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	241	7.6	171	4.9	412	6.2	190	6.0	139	3.9	328	4.9
Vic	191	8.3	149	5.7	340	7.0	145	6.3	113	4.3	258	5.2
Qld	129	7.7	93	5.2	222	6.4	106	6.4	73	4.1	179	5.2
WA	62	7.3	44	4.8	106	6.0	53	6.4	36	3.9	89	5.1
SA	62	7.9	44	5.1	106	6.4	51	6.6	35	4.0	87	5.2
Tas	20	8.3	12	5.0	33	6.5	15	6.2	10	4.0	25	5.0
ACT	11	9.1	7	4.8	18	6.7	9	7.3	8	5.6	16	6.4
NT	3	4.1	3	4.7	6	4.3	2	2.5	2	4.7	4	3.7

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 33: Cancers of unknown primary site (ICD-10 C76–C80, C26, C39)

Australia 1999

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	0	0.0	2	0.2	0	0.0	0	0.0	0	0.0
5–9	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	0.1
10–14	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	1	0.1
15–19	3	0.4	0	0.0	3	0.2	0	0.0	0	0.0	0	0.0
20–24	2	0.3	2	0.3	4	0.3	1	0.2	1	0.2	2	0.2
25–29	6	0.8	7	1.0	13	0.9	5	0.7	4	0.5	9	0.6
30–34	11	1.6	7	1.0	18	1.3	6	0.9	7	1.0	13	0.9
35–39	16	2.1	23	3.0	39	2.6	7	0.9	9	1.2	16	1.1
40–44	35	4.9	32	4.5	67	4.7	16	2.3	32	4.5	48	3.4
45–49	43	6.5	46	6.9	89	6.7	25	3.8	36	5.4	61	4.6
50–54	75	12.2	78	13.0	153	12.6	55	8.9	44	7.3	99	8.2
55–59	115	24.5	89	19.5	204	22.1	80	17.1	52	11.4	132	14.3
60–64	142	36.9	102	26.4	244	31.7	102	26.5	72	18.6	174	22.6
65–69	217	64.8	138	39.8	355	52.1	157	46.9	111	32.0	268	39.3
70–74	277	93.5	222	66.5	499	79.2	231	78.0	183	54.8	414	65.7
75–79	281	132.3	244	86.7	525	106.3	218	102.7	196	69.6	414	83.8
80–84	189	167.6	218	118.6	407	137.2	172	152.5	232	126.2	404	136.2
85 and over	171	237.3	297	179.9	468	197.3	172	238.7	318	192.6	490	206.6
Total	1,585		1,505		3,090		1,248		1,298		2,546	

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

Crude rate	16.8	15.7	16.3	13.2	13.6	13.4
95% CI	16.0 – 17.7	14.9 – 16.5	15.7 – 16.9	12.5 – 14.0	12.8 – 14.3	12.9 – 13.9
AS rate (Aust. 1991)	17.0	12.4	14.4	13.5	10.3	11.7
95% CI	16.1 – 17.8	11.7 – 13.0	13.9 – 14.9	12.7 – 14.2	9.8 – 10.9	11.2 – 12.2
AS rate (new WHO World)	13.2	9.8	11.3	10.3	8.0	9.0
95% CI	12.6 – 13.9	9.3 – 10.3	10.9 – 11.7	9.7 – 10.9	7.5 – 8.4	8.6 – 9.4
Lifetime risk (0–74)	1 in 81	1 in 110	1 in 94	1 in 108	1 in 146	1 in 125
PYLL (0–74)				7,745	7,065	14,810
Per cent of all cancers	3.6	4.0	3.8	6.4	8.6	7.3

Average annual numbers and rates by State and Territory, 1995–1999

	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	595	19.3	552	13.6	1,147	16.1	483	14.7	464	10.3	947	12.2
Vic	368	16.5	374	12.4	742	14.2	325	13.6	345	10.4	670	11.8
Qld	292	18.7	252	13.1	544	15.7	252	15.0	222	10.5	474	12.6
WA	138	17.9	115	11.6	254	14.5	113	13.7	111	10.3	224	11.8
SA	141	17.8	144	13.6	285	15.4	135	15.8	127	10.6	262	12.8
Tas	42	18.0	50	16.2	92	16.8	39	15.6	46	13.6	85	14.3
ACT	22	21.9	19	13.9	41	17.5	16	16.0	15	10.7	32	13.0
NT	12	24.0	8	20.6	20	22.7	10	22.4	6	16.9	16	19.9

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 34: Non-Hodgkin's lymphoma (ICD-10 C82–C85, C96)

Australia 1999

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	1	0.2	3	0.2	0	0.0	0	0.0	0	0.0
5–9	12	1.7	5	0.8	17	1.3	1	0.1	1	0.2	2	0.1
10–14	10	1.5	6	0.9	16	1.2	2	0.3	1	0.2	3	0.2
15–19	18	2.7	8	1.2	26	2.0	4	0.6	1	0.2	5	0.4
20–24	16	2.4	7	1.1	23	1.8	5	0.8	4	0.6	9	0.7
25–29	22	3.0	16	2.2	38	2.6	5	0.7	2	0.3	7	0.5
30–34	33	4.7	20	2.8	53	3.7	4	0.6	8	1.1	12	0.8
35–39	52	6.9	31	4.1	83	5.5	13	1.7	10	1.3	23	1.5
40–44	74	10.5	56	7.8	130	9.1	22	3.1	7	1.0	29	2.0
45–49	108	16.2	74	11.1	182	13.7	24	3.6	27	4.0	51	3.8
50–54	152	24.7	99	16.5	251	20.7	53	8.6	24	4.0	77	6.3
55–59	161	34.3	138	30.3	299	32.3	55	11.7	40	8.8	95	10.3
60–64	167	43.4	120	31.1	287	37.2	68	17.7	64	16.6	132	17.1
65–69	212	63.4	164	47.3	376	55.2	98	29.3	70	20.2	168	24.7
70–74	246	83.1	203	60.8	449	71.3	141	47.6	92	27.6	233	37.0
75–79	242	114.0	226	80.3	468	94.8	143	67.3	135	48.0	278	56.3
80–84	155	137.4	154	83.8	309	104.2	91	80.7	107	58.2	198	66.8
85 and over	93	129.1	159	96.3	252	106.3	64	88.8	117	70.9	181	76.3
Total	1,775		1,487		3,262		793		710		1,503	

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

Crude rate	18.8	15.5	17.2	8.4	7.4	7.9
95% CI	18.0 – 19.7	14.8 – 16.3	16.6 – 17.8	7.8 – 9.0	6.9 – 8.0	7.5 – 8.3
AS rate (Aust. 1991)	18.5	13.1	15.6	8.4	6.0	7.1
95% CI	17.6 – 19.4	12.4 – 13.8	15.0 – 16.1	7.8 – 9.0	5.5 – 6.4	6.7 – 7.4
AS rate (new WHO World)	15.5	10.9	13.1	6.6	4.7	5.6
95% CI	14.7 – 16.2	10.4 – 11.5	12.6 – 13.5	6.2 – 7.1	4.3 – 5.1	5.3 – 5.9
Lifetime risk (0–74)	1 in 67	1 in 92	1 in 78	1 in 159	1 in 233	1 in 190
PYLL (0–74)				7,048	4,973	12,020
Per cent of all cancers	4.0	3.9	4.0	4.0	4.7	4.3

Average annual numbers and rates by State and Territory, 1995–1999

	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	585	18.5	496	13.1	1,081	15.6	257	8.3	250	6.3	507	7.2
Vic	451	19.7	384	13.9	835	16.5	210	9.4	188	6.5	398	7.8
Qld	277	17.2	227	12.3	505	14.6	124	7.9	108	5.7	232	6.7
WA	140	16.9	108	11.6	248	14.0	62	8.0	56	5.9	118	6.8
SA	148	18.7	151	16.0	299	17.2	64	8.2	69	6.7	133	7.3
Tas	43	17.8	40	14.3	83	15.8	21	9.0	23	7.6	44	8.2
ACT	22	19.9	20	15.1	43	17.2	12	11.5	13	10.1	24	10.8
NT	8	12.1	6	13.0	14	12.7	1	2.4	2	3.7	3	3.1

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 35: All leukaemias (ICD-10 C91–C95)

Australia 1999

Age group	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–4	59	8.9	46	7.3	105	8.2	3	0.5	10	1.6	13	1.0
5–9	26	3.8	18	2.8	44	3.3	14	2.0	5	0.8	19	1.4
10–14	14	2.1	23	3.5	37	2.8	7	1.0	4	0.6	11	0.8
15–19	27	4.0	20	3.1	47	3.6	19	2.8	7	1.1	26	2.0
20–24	14	2.1	7	1.1	21	1.6	15	2.3	5	0.8	20	1.5
25–29	21	2.9	14	1.9	35	2.4	9	1.2	12	1.6	21	1.4
30–34	19	2.7	24	3.4	43	3.0	11	1.6	8	1.1	19	1.3
35–39	37	4.9	28	3.7	65	4.3	14	1.9	8	1.1	22	1.5
40–44	37	5.2	28	3.9	65	4.6	8	1.1	18	2.5	26	1.8
45–49	51	7.7	37	5.5	88	6.6	21	3.2	15	2.2	36	2.7
50–54	84	13.7	49	8.2	133	11.0	37	6.0	26	4.3	63	5.2
55–59	102	21.7	57	12.5	159	17.2	46	9.8	25	5.5	71	7.7
60–64	109	28.3	57	14.8	166	21.5	53	13.8	32	8.3	85	11.0
65–69	143	42.7	90	26.0	233	34.2	81	24.2	42	12.1	123	18.1
70–74	214	72.3	127	38.0	341	54.1	104	35.1	65	19.5	169	26.8
75–79	197	92.8	135	48.0	332	67.2	147	69.2	97	34.5	244	49.4
80–84	114	101.1	111	60.4	225	75.9	103	91.3	85	46.2	188	63.4
85 and over	96	133.2	125	75.7	221	93.2	73	101.3	128	77.5	201	84.8
Total	1,364		996		2,360		765		592		1,357	

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

Crude rate	14.5	10.4	12.4	8.1	6.2	7.1
95% CI	13.7 – 15.2	9.8 – 11.1	11.9 – 12.9	7.5 – 8.7	5.7 – 6.7	6.8 – 7.5
AS rate (Aust. 1991)	14.4	8.9	11.4	8.2	4.9	6.4
95% CI	13.7 – 15.2	8.3 – 9.5	10.9 – 11.9	7.7 – 8.8	4.5 – 5.3	6.0 – 6.7
AS rate (new WHO World)	12.2	7.7	9.7	6.6	4.0	5.2
95% CI	11.5 – 12.8	7.2 – 8.2	9.3 – 10.2	6.1 – 7.1	3.6 – 4.3	4.9 – 5.5
Lifetime risk (0–74)	1 in 90	1 in 148	1 in 113	1 in 188	1 in 317	1 in 238
PYLL (0–74)				8,905	6,085	14,990
Per cent of all cancers	3.1	2.6	2.9	3.9	3.9	3.9

Average annual numbers and rates by State and Territory, 1995–1999

	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	441	14.1	317	8.5	758	11.0	249	8.3	184	4.8	434	6.3
Vic	291	13.0	235	8.5	525	10.5	177	8.1	143	4.9	320	6.3
Qld	258	16.1	183	9.9	440	12.8	137	9.0	95	5.0	231	6.8
WA	99	12.3	73	7.7	173	9.8	63	8.3	40	4.1	103	6.0
SA	138	17.7	98	10.2	237	13.5	75	9.8	55	5.5	130	7.3
Tas	26	10.9	23	8.5	49	9.5	15	6.7	14	4.6	29	5.4
ACT	14	12.6	11	8.3	26	10.1	11	10.6	9	7.0	20	8.6
NT	4	6.9	5	9.5	9	8.2	2	3.6	3	9.0	5	6.4

Note: AS rates use Australian 1991 Standard Population unless new WHO World Standard Population is indicated. All rates are expressed per 100,000 population.
Source: Cancer in Australia 1999, AIHW & AACR, 2002.

Table 36: Alcohol-related cancers
Australia 1999

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	1	0.1	1	0.1
20-24	2	0.2	2	0.3	4	0.3	0	0.0	0	0.0	0	0.0
25-29	3	0.4	7	1.0	10	0.7	1	0.2	2	0.3	3	0.2
30-34	7	1.0	25	3.5	32	2.3	4	0.5	3	0.4	7	0.5
35-39	7	1.0	56	7.4	64	4.2	3	0.4	9	1.1	11	0.8
40-44	32	4.5	102	14.2	134	9.4	11	1.6	20	2.7	31	2.2
45-49	59	8.9	138	20.7	197	14.8	23	3.4	29	4.3	52	3.9
50-54	114	18.5	206	34.4	320	26.4	54	8.8	38	6.3	92	7.6
55-59	131	28.0	181	39.6	312	33.7	60	12.8	40	8.9	101	10.9
60-64	154	40.0	173	44.8	327	42.4	88	22.9	48	12.5	136	17.7
65-69	166	49.5	172	49.7	338	49.6	105	31.5	54	15.6	160	23.4
70-74	188	63.4	142	42.4	329	52.3	132	44.6	67	20.2	200	31.7
75-79	150	70.5	102	36.3	252	51.0	110	51.9	58	20.4	168	34.0
80-84	63	55.6	91	49.7	154	51.9	64	56.9	55	29.7	119	40.0
85 and over	43	59.0	86	52.3	129	54.3	47	64.9	72	43.9	119	50.3
Total	1,117		1,485		2,602		703		496		1,199	

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

Crude rate	11.9	15.5	13.7	7.5	5.2	6.3
95% CI	11.2 – 12.6	14.7 – 16.3	13.2 – 14.2	6.9 – 8.0	4.7 – 5.6	6.0 – 6.7
AS rate (Aust. 1991)	11.5	13.6	12.5	7.4	4.3	5.7
95% CI	10.8 – 12.2	12.9 – 14.3	12.0 – 13.0	6.8 – 7.9	3.9 – 4.7	5.4 – 6.0
AS rate (new WHO World)	9.6	12.2	10.8	5.9	3.6	4.6
95% CI	9.0 – 10.2	11.5 – 12.8	10.4 – 11.2	5.5 – 6.3	3.2 – 3.9	4.4 – 4.9
Lifetime risk (0-74)	1 in 93	1 in 78	1 in 85	1 in 158	1 in 276	1 in 203
PYLL (0-74)				5,799	4,782	10,581
Per cent of all cancers	2.5	3.9	3.2	3.6	3.3	3.5

Average annual numbers and rates by State and Territory, 1995-1999

	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	372	11.6	489	13.5	862	12.5	238	7.5	166	4.3	403	5.8
Vic	268	11.6	374	14.1	642	12.8	183	8.1	137	4.8	320	6.3
Qld	200	12.2	244	13.5	445	12.8	120	7.5	79	4.2	199	5.7
WA	97	11.8	129	13.9	226	12.7	61	7.6	43	4.5	104	5.9
SA	78	9.7	122	13.5	200	11.5	51	6.5	41	4.2	93	5.2
Tas	28	11.6	36	13.3	65	12.3	18	7.4	13	4.5	31	5.8
ACT	11	10.1	20	13.5	31	11.7	7	7.3	7	5.7	15	6.3
NT	13	23.1	7	12.2	20	18.0	6	14.4	2	5.7	9	10.2

Notes

- AS rates use Australian 1991 Standard Population unless new WHO 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 1999*, AIHW & AACR, 2002.

Table 37: Smoking-related cancers
Australia 1999

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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
25-29	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
30-34	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
35-39	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
40-44	76	10.8	30	4.2	107	7.5	25	3.5	11	1.5	36	2.5
45-49	227	34.1	67	10.1	294	22.1	98	14.7	32	4.8	130	9.7
50-54	405	65.8	179	29.9	584	48.1	235	38.3	91	15.2	326	26.9
55-59	648	138.2	232	51.0	880	95.2	379	80.7	136	29.9	515	55.7
60-64	914	237.7	295	76.3	1,209	156.8	595	154.6	188	48.6	782	101.5
65-69	1,292	386.0	419	120.8	1,711	251.1	897	268.1	299	86.4	1,197	175.7
70-74	1,575	531.9	614	184.0	2,189	347.5	1,164	393.0	431	129.2	1,595	253.2
75-79	1,341	631.3	538	191.3	1,879	380.5	1,045	492.0	402	142.7	1,446	292.9
80-84	719	637.6	311	168.9	1,030	347.2	592	525.1	244	132.6	836	281.9
85 and over	485	672.8	252	152.4	736	310.5	459	636.6	232	140.6	691	291.3
Total	7,681		2,937		10,619		5,488		2,066		7,554	

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

Crude rate	81.5	30.7	55.9	58.3	21.6	39.8
95% CI	79.7 – 83.4	29.6 – 31.8	54.9 – 57.0	56.7 – 59.8	20.7 – 22.5	38.9 – 40.7
AS rate (Aust. 1991)	81.2	25.8	50.8	58.6	17.8	35.9
95% CI	79.4 – 83.1	24.8 – 26.7	49.8 – 51.8	57.1 – 60.2	17.0 – 18.6	35.1 – 36.7
AS rate (new WHO World)	64.0	20.6	40.5	45.2	14.0	28.0
95% CI	62.5 – 65.4	19.9 – 21.4	39.7 – 41.3	44.0 – 46.4	13.4 – 14.6	27.4 – 28.7
Lifetime risk (0-74)	1 in 15	1 in 42	1 in 22	1 in 21	1 in 64	1 in 32
PYLL (0-74)				32,493	11,333	43,827
Per cent of all cancers	17.3	7.8	12.9	28.0	13.7	21.8

Average annual numbers and rates by State and Territory, 1995-1999

	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	2,576	82.2	984	25.7	3,560	51.0	1,857	60.0	693	17.8	2,550	36.3
Vic	1,982	87.5	762	27.1	2,744	54.0	1,401	62.4	539	18.8	1,940	37.9
Qld	1,482	93.5	489	26.6	1,971	57.6	1,004	64.2	290	16.0	1,294	37.8
WA	650	83.5	249	27.0	899	52.5	479	62.7	181	19.3	660	38.6
SA	654	81.8	241	24.2	894	49.7	473	59.3	167	16.5	640	35.2
Tas	230	95.0	85	29.3	315	59.0	163	68.0	58	19.6	221	41.2
ACT	62	61.5	31	24.3	93	40.6	56	57.4	25	20.4	81	36.3
NT	52	108.2	14	38.8	65	76.6	34	83.5	9	25.9	43	56.0

Notes

- AS rates use Australian 1991 Standard Population unless new WHO 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, vulva, penis, bladder, renal parenchyma and renal pelvis.

Source: *Cancer in Australia 1999*, AIHW & AACR, 2002.

