

Health Series
Number 3

Cancer in the
Australian Capital Territory
1983-1992

Norma Briscoe

ACT Cancer Registry
Epidemiology Unit
Population Health Division
ACT Department of Health and Community Care
Canberra ACT 2601

April 1996

Acknowledgements

I would like to acknowledge the considerable contribution made to this publication by the following members of the Epidemiology Unit: Bruce Shadbolt, Carol Gilbert and Ursula White. In addition, I would like to thank the members of the ACT Cancer Registry Advisory Committee, and Marylon Coates and Noreen Panos from the NSW Cancer Council for their continued support and assistance.

The majority of the death data contained in this publication has been obtained from the ACT Registrar of Births, Deaths and Marriages, and the incidence data has been provided by medical records, clinicians, pathology laboratories, and medical practitioners. I would like to thank all those who have contributed to the publication.

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ISSN 1325-1090

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Published by Publications and Public Communication for the Department of Health and Community Care's Epidemiology and Population Health Section and printed by the Authority of Peter Bell, ACT Government Printer.

450 - 4/96 A4 (96/3016)

Foreword

I am pleased to present this second report on cancer incidence and mortality in the Australian Capital Territory from 1983 to 1992. The report was produced by the ACT Cancer Registry which is located in the Epidemiology Unit, Population Health Division of the Department of Health and Community Care.

As for the rest of Australia, cancer is a leading cause of death in the Australian Capital Territory, and is the major cause of premature mortality. It is estimated that one in four persons will develop a cancer at some period in their lives, and although not all cancers are fatal, one in eight persons will die from cancer. The Department recognises the impact of cancer as a disease in the community and has recently commissioned a number of innovative programs to assist in the control and prevention of this major cause of morbidity and mortality. These measures include a Cancer Services Strategic Plan, a hospital-based cancer registry and a palliative care project.

The data for this report was collected by the NSW Central Cancer Registry and analysed here in the ACT. In July 1994 legislation was passed in the ACT making it mandatory to notify new cases of cancer. One of the major benefits from this legislation is that information about the incidence of cancer will be far more complete, which in turn will assist policy development and service delivery. This report is an important link in the effective treatment and control of cancer in the ACT.



Doris Zonta
General Manager

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Alphabetical listing of cancer types

This table provides a list of page references and International Classification of Disease codes for each of the cancer sites contained in this publication.

<u>Cancer type</u>	<u>ICD-9 code</u>	<u>Page</u>
All cancers	140-208	12, 13
Bladder	188	70
Bone and articular cartilage	170	50
Brain	191	73
Breast		
- female	174	54
- male	175	56
Cervix uteri	180	58
Connective and other soft tissue	171	51
Corpus uteri	182	61
Digestive organs - unspecified	159	42
Endocrine glands and related structures	194	76
Eye	190	72
Female genital organs, other	184	65
Gallbladder	156	39
Gum	143	23
Intestine		
- colon	153	34
- rectum	154	36
- small intestine	152	33
Kidney and other unspecified urinary organs	189	71
Larynx	161	45
Leukaemia		
- monocytic	206	86
- myeloid	205	85
- unspecified cell type	208	87
Lip	140	20
Liver	155	38
Lymphoma		
- Hodgkin's	201	79
- lymphoid and histiocytic tissue	202	80
- lymphosarcoma and reticulosarcoma	200	78

<u>Cancer type</u>	<u>ICD-9 code</u>	<u>Page</u>
Melanoma	172	52
Mouth		
- floor	144	24
- other and unspecified	145	25
Nasal cavities, middle ear	160	43
Nervous system, other and unspecified	192	74
Oesophagus	150	29
Ovary and other uterine adnexa	183	62
Pancreas 157	40	
Penis and other male genital organs	187	69
Pharynx		
- oropharynx	146	26
- nasopharynx	147	27
- hypopharynx	148	28
Placenta	181	60
Pleura	163	48
Prostate	185	66
Retroperitoneum	158	41
Salivary glands	142	22
Stomach	151	30
Testis	186	68
Tongue	141	21
Trachea, bronchus and lung	162	46
Thymus, heart & mediastinum	164	49
Thyroid gland	193	75
Unknown primary site	199	77
Uterus, part unspecified	179	57

Introduction

This report documents incidence and mortality from cancer during the period 1983 to 1992 in the Australian Capital Territory. It is the second report produced by the ACT Department of Health and Community Care since 1994 when reporting of the incidence of cancer became mandatory. Monitoring the incidence of cancer is an important public health function as approximately one in four ACT residents will develop a cancer at some time in their life. In addition, in 1992 cancer was the second leading cause of death for both males and females, and as the population ages we can expect the incidence of cancer to increase.

The data for this report come from the New South Wales Central Cancer Registry which has been collecting data on cancer in the ACT since 1972. One of the major reasons why NSW has maintained ACT incidence data is because of the considerable cross-border use of medical services between the ACT and NSW. Although cancer notification was not compulsory in the ACT during the time covered by this report, the major hospitals and pathology laboratories in the ACT reported new cancer cases to the NSW Central Cancer Registry. However, not all cases of cancer in the ACT will have been registered by the NSW Registry, and all rates and numbers in this report are likely to be under-estimates to some degree. In particular, cases of breast and prostate cancer treated at John James Private Hospital are likely to be major exclusions. Although the extent of the under-enumeration is probably not great, caution should nevertheless be used when interpreting results in this report. In general five year averages were examined throughout the report because of the fluctuations and reliability of estimates that result from small numbers.

The structure of the report is as follows:

- trends using age-standardised rates for incidence and mortality over the period 1983 to 1992;
- age-specific new cases and deaths from cancer tables for males, females and persons for the two five year periods 1983-1987 and 1988-1992;
- most common new cases and deaths from cancer tables for males, females and persons for the two five year periods 1983-1987 and 1988-1992;
- site-specific tables for male, females and persons. These tables contain the number of cases, crude rate, lifetime risk of cancer, age-standardised rate and associated confidence interval, and the percentage of cancer cases that the particular cancer accounts for.
- information for the most common sites is expanded to include age-specific graphs, a short commentary, and age-standardised comparisons with NSW and Australia.

Time trends in cancer incidence and mortality 1983-1992 (ICD-9 codes 140 to 208)

Figure 1: Incidence of cancer

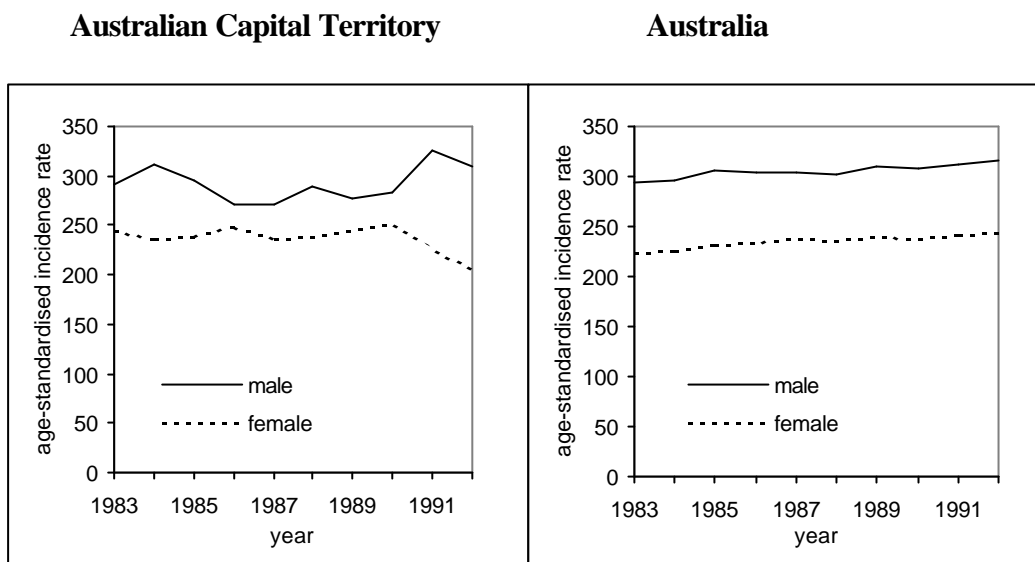
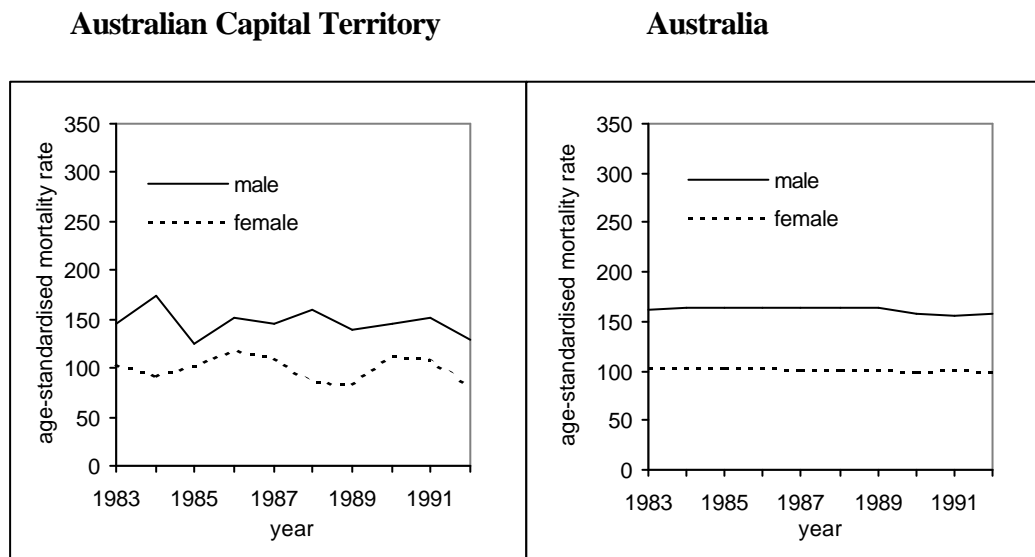


Figure 2: Cancer mortality



Time trends in cancer incidence and mortality 1983-1992

In 1983 the population of the ACT was estimated to be 238,983, of these 119,442 were males and 119,541 were females. The population grew throughout the 1980s and early 1990s from a combination of natural increase and immigration, and by 1992 there were an estimated 147,404 males and 146,755 females, a total of 294,159 persons. The ACT differs demographically from the rest of Australia in two respects, first it has a comparatively young age structure, due mainly to high immigration of younger persons in the 1970s and 1980s. Second it has a relatively homogenous population with a higher socio-economic status than other major cities.

During the ten year period from 1983 to 1992 6,060 people in the ACT were diagnosed with cancer, of these 3,061 were males and 2,999 were females. During the same time 1,412 males and 1,233 females died from cancer. The crude incidence rate for males rose from 208 to 263 per 100,000 males, mainly due to an increase in notifications of cancer of the prostate, and a greater effort by the NSW Cancer Registry in the early 1990s to collect notifications. For the same period the crude incidence rate for females, and the crude mortality rate for males and females remained relatively constant.

A crude rate is influenced by the age structure of the population, and to overcome this problem and present a more accurate perspective over time age-standardised rates have been calculated (see Figures 1 and 2). In 1983 the age-standardised incidence rate (per 100,000) in the ACT for males was 292. This rate fluctuated throughout the 1980s, and the trend showed no clear signs of an increase or decrease (see Figure 1). On the other hand, the female age-standardised rate remained similar to the 1983 rate of 244 for most of the period. Throughout the period the age-standardised incidence rate was lower for females than for males. Since about 1990 there has been a downward trend for females. This decrease may be due to the lack of completeness of data from private hospitals rather than the effects of a real decrease.

The age-standardised mortality trend for males follows much the same pattern as the age-standardised incidence rate, although the rates are substantially lower (see Figure 2). The mortality rate for males in 1983 was 146 deaths per 100,000 males, and ten years later in 1992 the rate was slightly lower at 128 deaths. The female age-standardised mortality rate revealed quite pronounced rhythmic peaks and troughs throughout the time series. For example, in 1989 the rate was 83 per 100,000 females, and in 1990 the rate was 112 per 100,000. This fluctuation was mainly due to the comparatively small numbers.

The fluctuations in the incidence and mortality of cancer in the ACT are particularly pronounced when compared to Australian rates (see Figures 1 and 2). These fluctuations mean that in a particular year, the ACT may have a higher or lower rate than the national average. For example, in 1990 the age-standardised mortality rate for females was 112 compared to 100 for Australia; while in 1989 it was 83 in the ACT and 102 nationally. Such variations make it difficult to assess the relative level of cancer in the ACT during a single year. Consequently, five year averages have been used throughout publication.

**Table 1: All cancers 1983-1987 (ICD-9 codes 140 to 208)
Australian Capital Territory**

	Incidence					
	Males		Females		Persons	
	number	rate	number	rate	number	rate
0-4	10	18.7	12	23.1	22	20.9
5-9	8	14.3	8	14.8	16	14.5
10-14	4	6.6	7	11.9	11	9.2
15-19	12	20.9	7	12.5	19	16.8
20-24	27	47.0	20	35.2	47	41.1
25-29	28	50.2	42	73.6	70	62.0
30-34	46	80.2	78	131.1	124	106.1
35-39	63	105.5	117	198.5	180	151.7
40-44	65	147.1	88	202.4	153	174.5
45-49	79	233.9	108	339.3	187	285.0
50-54	121	457.8	141	580.2	262	516.4
55-59	162	703.7	148	678.8	310	691.6
60-64	194	1062.0	156	814.3	350	935.3
65-69	174	1542.0	119	900.2	293	1196.0
70-74	152	2007.0	135	1328.0	287	1618.0
75-79	111	2702.0	91	1410.0	202	1913.0
80-84	53	2671.0	52	1380.0	105	1825.0
85+	35	3829.0	56	1968.0	91	2420.0
Total	1344		1385		2729	
Crude rate		213.4		219.8		216.6
Risk 0-74 yrs		1 in 3.6		1 in 4.3		1 in 4.0
ASR#		287.4		240.6		257.1
CI^		(271.1 - 303.6)		(227.6 - 253.6)		(247.2 - 267.0)
% all cancers		49.2		50.8		100

	Mortality					
	Males		Females		Persons	
	number	rate	number	rate	number	rate
0-4	2	3.7	1	1.9	3	2.9
5-9	2	3.6	4	7.4	6	5.5
10-14	1	1.6	2	3.4	3	2.5
15-19	2	3.5	1	1.8	3	2.6
20-24	4	7.0	2	3.5	6	5.3
25-29	5	9.0	1	1.8	6	5.3
30-34	9	15.7	11	18.5	20	17.0
35-39	9	15.1	22	37.3	31	26.0
40-44	21	47.5	24	55.2	45	51.0
45-49	27	80.0	27	84.8	54	82.3
50-54	41	155.1	45	185.2	86	169.5
55-59	77	334.5	64	293.5	141	314.6
60-64	107	585.9	81	422.8	188	502.4
65-69	84	744.3	78	590.1	162	661.1
70-74	99	1307.0	77	757.7	176	992.4
75-79	79	1923.0	57	883.4	136	1288.0
80-84	31	1563.0	39	1035.0	70	1217.0
85+	28	3063.0	42	1476.0	70	1862.0
Total	628		578		1206	
Crude rate		99.7		91.7		95.7
Risk 0-74 yrs		1 in 6.6		1 in 8.6		1 in 7.6
ASR#		147.4		105.8		121.9
CI^		(135.3 - 159.6)		(97.0 - 114.5)		(114.9 - 128.9)
% all cancers		52.1		47.9		100

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

**Table 2: All cancers 1988-1992 (ICD-9 codes 140 to 208)
Australian Capital Territory**

	Incidence					
	Males		Females		Persons	
	number	rate	number	rate	number	rate
0-4	18	32.0	7	13.0	25	23.0
5-9	6	11.0	7	12.8	13	11.6
10-14	7	12.0	2	3.6	9	7.8
15-19	20	30.0	10	15.0	30	22.0
20-24	13	20.0	18	27.0	31	24.0
25-29	35	56.0	40	64.0	75	60.0
30-34	38	62.0	45	73.0	83	68.0
35-39	69	114.0	77	124.0	146	119.0
40-44	79	131.0	148	248.0	227	190.0
45-49	108	244.0	153	360.0	261	301.0
50-54	135	415.1	150	490.4	285	451.6
55-59	156	633.2	148	649.0	304	640.8
60-64	219	1067.0	188	923.3	407	995.6
65-69	244	1523.0	199	1101.0	443	1299.0
70-74	228	2336.0	142	1120.0	370	1649.0
75-79	182	3057.0	138	1532.0	320	2139.0
80-84	97	3388.0	87	1663.0	184	2273.0
85+	63	4381.0	55	1460.0	118	2267.0
Total	1717		1614		3331	
Crude rate		242.9		228.2		235.5
Risk 0-74 yrs		1 in 3.5		1 in 4.4		1 in 3.9
ASR#		298.4		233.9		258.0
CI [^]		(283.8 - 313.0)		(222.2 - 245.6)		(249.1 - 267.0)
% all cancers		51.5		48.5		100
	Mortality					
	Males		Females		Persons	
	number	rate	number	rate	number	rate
0-4	5	8.9	0	0	5	4.5
5-9	0	0	3	5.5	3	2.7
10-14	1	1.7	2	3.6	3	2.6
15-19	3	4.5	1	1.5	4	3.0
20-24	7	10.6	3	4.6	10	7.6
25-29	2	3.2	8	12.9	10	8.0
30-34	9	14.8	8	12.9	17	13.9
35-39	18	29.8	15	24.1	33	26.9
40-44	28	46.5	35	58.7	63	52.6
45-49	35	79.0	34	80.0	69	79.5
50-54	63	193.7	47	153.7	110	174.3
55-59	56	227.3	53	232.4	109	229.8
60-64	114	555.6	71	348.7	185	452.5
65-69	118	736.4	94	520.0	212	621.7
70-74	115	1178.0	84	662.8	199	887.0
75-79	98	1646.0	83	921.4	181	1210.0
80-84	65	2270.0	64	1223.0	129	1593.0
85+	47	3268.0	50	1327.0	97	1863.0
Total	784		655		1439	
Crude rate		110.9		92.6		101.7
Risk 0-74 yrs		1 in 7.0		1 in 9.9		8.3
ASR#		143.7		94.7		114.7
CI [^]		(133.3 - 154.2)		(87.3 - 102.1)		(108.7 - 120.7)
% all cancers		54.5		45.5		100

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 3: Most common cancers 1983-1987 (ICD-9 codes 140 to 208) - incidence
Australian Capital Territory

	Males					
	Number of new cases	Crude incidence rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Melanoma of skin	181	28.7	30.1	25.5	34.7	31.2
Lung	177	28.1	41.7	35.3	48.0	19.9
Colon	128	20.3	27.8	22.8	32.8	31.6
Prostate	114	18.1	31.3	25.2	37.4	33.4
Rectum	87	13.8	19.6	15.3	24.0	42.8
All lymphomas	72	11.4	13.1	9.9	16.3	71.1
All leukaemias	65	10.3	13.8	10.2	17.4	70.2
Unknown primary	59	9.4	13.8	10.1	17.5	63.5
Bladder	58	9.2	13.8	10.1	17.5	66.4
Stomach	55	8.7	11.9	8.7	15.1	72.6
Lip	50	7.9	9.5	6.8	12.3	92.8
Kidney	39	6.2	8.7	6.0	11.5	87.7
Testis	30	4.8	4.3	2.7	5.9	259.8
Pancreas	29	4.6	7.1	4.4	9.9	133.2
Brain	29	4.6	5.1	3.2	7.0	179.1
Larynx	28	4.5	6.0	3.7	8.2	119.6
Oesophagus	24	3.8	5.7	3.3	8.1	176.7
Connective tissue	20	3.2	3.8	2.1	5.6	222.7
Multiple myeloma	15	2.4	3.6	1.8	5.4	208.3

	Females					
	Number	Crude incidence rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Female breast	358	56.8	62.7	56.1	69.4	15.0
Melanoma of skin	168	26.7	25.6	21.6	29.6	41.9
Colon	124	19.7	22.2	18.2	26.2	45.0
Lung	75	11.9	14.2	10.9	17.4	52.7
Rectum	63	10	11.6	8.7	14.6	69.8
Cervix uteri	58	9.2	9.4	6.9	12.0	94.8
All lymphomas	57	9.1	9.3	6.8	11.8	95.2
Ovary	52	8.3	9.7	7.0	12.3	85.8
Thyroid gland	48	7.6	6.9	4.9	8.9	165.8
Corpus uteri	39	6.2	7.4	5.0	9.7	97.8
All leukaemias	39	6.2	6.8	4.6	9.0	174.9
Unknown primary	38	6.0	6.8	4.6	9.0	139.3
Stomach	36	5.7	6.5	4.3	8.6	147.5
Kidney	23	3.7	4.3	2.5	6.1	216.1
Brain	23	3.7	4.1	2.4	5.9	241.2
Pancreas	22	3.5	4.1	2.4	5.8	212.8
Bladder	22	3.5	3.7	2.1	5.2	288.7
Multiple myeloma	18	2.9	3.4	1.8	5.0	220.5
Gall bladder	17	2.7	3.1	1.6	4.5	272.1

Standardised to the world population,

* 0 - 74 years

Note: Rates are expressed per 100,000 population

Table 4: Most common cancers 1988-1992 (ICD-9 codes 140 to 208) - incidence
Australian Capital Territory

	Males					
	Number of new cases	Crude incidence rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Prostate	254	35.9	50.0	43.6	56.3	19.4
Lung	214	30.3	39.3	34.0	44.7	22.4
Melanoma of skin	204	28.9	30.6	26.2	34.9	40.1
Colon	169	23.9	29.5	24.9	34.0	27.9
All lymphomas	99	14.0	15.9	12.6	19.1	80.2
Rectum	96	13.6	17.0	13.5	20.5	48.8
Kidney	63	8.9	11.0	8.2	13.7	77.3
Unknown primary	62	8.8	11.2	8.3	14.1	95.3
Lip	60	8.5	9.4	6.9	12.0	139.2
All leukaemias	59	8.3	10.5	7.7	13.2	125.6
Stomach	58	8.2	9.8	7.2	12.4	121.2
Bladder	48	6.8	8.8	6.3	11.4	99.5
Brain	38	5.4	5.5	3.7	7.3	418.4
Pancreas	32	4.5	6.4	4.1	8.8	150.9
Multiple myeloma	30	4.2	5.4	3.4	7.4	173.7
Testis	29	4.1	3.5	2.2	4.8	3252.0
Oesophagus	27	3.8	5.5	3.3	7.7	209.6
Larynx	26	3.7	4.7	2.8	6.5	215.5
Connective tissue	15	2.1	2.3	1.1	3.4	851.4

	Females					
	Number of new cases	Crude incidence rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Female breast	478	67.6	69.2	62.8	75.6	17.4
Melanoma of skin	177	25.0	24.0	20.3	27.6	66.6
Colon	141	19.9	20.8	17.3	24.3	42.6
Lung	93	13.2	13.8	10.9	16.7	65.1
Cervix uteri	76	10.8	10.3	7.9	12.7	121.8
Rectum	74	10.5	11.0	8.4	13.6	73.1
All lymphomas	74	10.5	10.7	8.2	13.3	108.4
Ovary	61	8.6	8.7	6.4	10.9	144.3
Unknown primary	55	7.8	8.4	6.1	10.7	100.5
Corpus uteri	46	6.5	7.5	5.3	9.7	118.7
Stomach	40	5.7	5.3	3.6	6.9	306.2
Brain	32	4.5	4.7	3.0	6.4	330.9
All leukaemias	31	4.4	4.7	3.0	6.4	238.3
Pancreas	31	4.4	4.4	2.8	6.0	259.1
Multiple myeloma	27	3.8	3.9	2.4	5.5	263.2
Kidney	25	3.5	3.9	2.3	5.4	276.9
Bladder	15	2.1	2.4	1.2	3.7	304.0
Oesophagus	14	2.0	2.2	1.0	3.3	343.7
Thyroid gland	14	2.0	1.9	0.9	2.9	798.0

Standardised to the world population

* 0 - 74 years

Note: Rates are expressed per 100,000 population

Table 5: Most common cancers 1983-1987 (ICD-9 codes 140 to 208) - mortality
Australian Capital Territory

	Males					
	Number of deaths	Crude mortality rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Lung	141	22.4	34.0	28.3	39.7	24.7
Prostate	54	8.6	13.4	9.8	17.0	73.1
Rectum	53	8.4	12.2	8.8	15.5	66.5
Unknown primary	53	8.4	12.1	8.8	15.4	62.5
Colon	46	7.3	10.2	7.1	13.2	86.0
Stomach	44	7.0	10.3	7.1	13.4	112.0
Bladder	25	4.0	6.5	3.9	9.0	159.4
Melanoma of skin	23	3.7	4.2	2.4	5.9	208.2
All leukaemias	22	3.5	5.1	2.9	7.3	179.5
Pancreas	20	3.2	4.8	2.7	7.0	173.3
Brain	20	3.2	3.7	2.0	5.4	205.7
Oesophagus	18	2.9	4.3	2.3	6.2	239.9
All lymphomas	18	2.9	3.8	2.0	5.6	253.2
Multiple myeloma	16	2.5	3.8	1.9	5.7	194.7
Kidney	14	2.2	3.4	1.6	5.2	304.1
Connective tissue	8	1.3	1.7	0.5	3.0	435.1
Larynx	6	1.0	1.3	0.2	2.4	642.5
Gall bladder	5	0.8	1.2	0.1	2.3	869.1
Liver	5	0.8	1.1	0.1	2.1	1345.0

	Females					
	Number of deaths	Crude mortality rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Female breast	122	19.4	21.6	17.7	25.5	43.3
Colon	59	9.4	10.8	8.0	13.6	85.4
Lung	57	9.1	11.1	8.2	14.0	65.0
Ovary	40	6.4	8.0	5.5	10.5	96.4
Unknown primary	30	4.8	5.4	3.4	7.4	158.6
Rectum	28	4.4	5.1	3.2	7.0	170.4
Stomach	27	4.3	4.9	3.0	6.7	206.6
All leukaemias	25	4.0	4.4	2.6	6.1	267.3
Pancreas	22	3.5	4.0	2.3	5.7	194.3
All lymphomas	20	3.2	3.8	2.1	5.5	211.3
Brain	15	2.4	2.8	1.3	4.2	329.8
Gall bladder	14	2.2	2.5	1.2	3.9	338.5
Melanoma of skin	14	2.2	2.4	1.1	3.7	278.1
Cervix uteri	13	2.1	2.2	1.0	3.4	641.2
Oesophagus	12	1.9	2.1	0.9	3.3	547.2
Multiple myeloma	11	1.8	2.1	0.8	3.3	355.2
Kidney	10	1.6	1.9	0.7	3.1	303.4
Connective tissue	9	1.4	1.6	0.5	2.7	531.1
Bladder	7	1.1	1.2	0.3	2.1	1506

Standardised to the world population

* 0 -74 years

Note: Rates are expressed per 100,000 population

Table 6: Most common cancers 1988-1992 (ICD-9 codes 140 to 208) - mortality
Australian Capital Territory

	Males					
	Number of deaths	Crude mortality rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Lung	179	25.3	33.1	28.2	38.0	27.0
Prostate	85	12.0	16.4	12.9	19.9	68.2
Colon	69	9.8	12.5	9.5	15.4	68.5
Stomach	49	6.9	8.7	6.2	11.1	102.8
Unknown primary	45	6.4	8.0	5.7	10.4	127.6
Rectum	44	6.2	8.0	5.6	10.4	146.9
Melanoma of skin	36	5.1	5.8	3.8	7.7	134.5
All leukaemias	35	5.0	6.0	4.0	8.1	163.6
Pancreas	33	4.7	6.1	4.0	8.2	141.5
All lymphomas	31	4.4	5.3	3.4	7.2	153.5
Brain	26	3.7	3.7	2.2	5.2	250.0
Kidney	24	3.4	4.2	2.5	6.0	218.6
Bladder	22	3.1	4.2	2.5	6.0	201.9
Oesophagus	20	2.8	3.5	1.9	5.1	280.1
Multiple myeloma	12	1.7	2.3	1.0	3.6	483.0
Liver	12	1.7	2.1	0.9	3.3	309.3
Larynx	8	1.1	1.5	0.5	2.6	415.4
Gall bladder	7	1.0	1.3	0.3	2.2	681.6

	Females					
	Number of deaths	Crude mortality rate	Age standardised rate#	Lower confidence interval	Upper confidence interval	Lifetime risk of one in*
Female breast	140	19.8	20.2	16.8	23.6	43.9
Lung	87	12.3	13.0	10.2	15.8	62.5
Colon	69	9.8	9.7	7.3	12.0	98.1
Unknown primary	38	5.4	5.6	3.8	7.5	152.2
Ovary	35	5.0	5.1	3.4	6.8	164.9
All lymphomas	29	4.1	4.2	2.6	5.8	203.1
Rectum	29	4.1	4.2	2.6	5.7	215.6
Brain	27	3.8	4.1	2.5	5.6	229.7
Pancreas	26	3.7	3.8	2.3	5.2	281.7
Stomach	25	3.5	3.3	2.0	4.6	409.1
Cervix uteri	19	2.7	2.9	1.6	4.2	293.8
Melanoma	19	2.7	2.6	1.4	3.7	426.8
All leukaemias	18	2.6	2.4	1.3	3.5	457.0
Muliple myeloma	15	2.1	2.1	1.0	3.2	378.9
Kidney	12	1.7	1.9	0.8	3.0	443.2
Bladder	10	1.4	1.5	0.6	2.5	625.2
Oesophagus	9	1.3	1.4	0.5	2.3	501.3
Liver	7	1.0	1.1	0.3	1.9	711.7
Corpus uteri	7	1.0	1.0	0.3	1.8	798.0

Standardised to the world population

* 0 - 74 years

Note: Rates are expressed per 100,000 population

Most common cancers

Males

There were substantial changes in the order of the most common sites of newly diagnosed cancer for males between 1983-87 and 1988-1992 (see Tables 3 and 4). In particular, cancer of the prostate rose from the fourth most commonly diagnosed site in 1983-1987 to the most common site in 1988-1992. The number of cases increased from 181 to 254. The best explanation for this increase is improved diagnosis, stemming from the rise in the use of prostate specific antigen tests, and the more recent use of transrectal ultrasonography rather than a change in risk. Other changes include the fall of cancer of the colon from the third most common cancer in 1983-1987, to the fourth in 1988-1992, although the age-standardised rate increased marginally from 28 to 30 per 100,000 males. On the other hand, cancer of the kidney rose from 12th to 7th place.

In relation to mortality (see Tables 5 and 6) cancer of the lung remained by far the most common cause of cancer death in both periods. While the number of cases increased from 141 to 179, the age-standardised rate declined from 34 to 33 per 100,000 males. Cancer of the prostate remained the second most common cancer cause of death, and the mortality age-standardised rate increased from 13 to 16 per 100,000 males between 1983-87 and 1988-1992.

Females

Over the two periods the order of sites for newly diagnosed cancers for women remained relatively constant (see Tables 3 and 4) with minor variations. By far the most common site was the breast, followed by melanoma and the colon. Cancer of the breast, however, showed a substantial rise in the age-standardised rate between the periods. Like cancer of the prostate, this increase probably reflects changes in screening practices rather than risk.

In contrast the mortality pattern for women changed considerable over the two periods (see Tables 5 and 6). Breast cancer remained the leading cause of death for women between the two periods. Although the number of deaths increased from 122 to 140, the mortality crude and age-standardised rate remained much the same. Cancer of the lung moved from third most common cancer death in 1983-1987 to second in 1988-1992. This rise was also reflected in a significant increase in the age-standardised mortality rate from 11 to 13 per 100,000 females. Cancer of the colon declined from second to third most common cause of cancer death for females, and the age-standardised rate followed this trend. Both the number of deaths and the mortality age-standardised rate declined for cancer of the ovary, from 40 to 35 and 8 to 5 respectively.

Site-specific cancers
for
1983-1987 and 1988-1992

Table 7: Cancer of the lip (ICD-9 code 140)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	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	1.7	0	0	1	0.9						
20-24	0	0	0	0	0	0						
25-29	1	1.8	0	0	1	0.9						
30-34	6	10.5	1	1.7	7	6.0						
35-39	1	1.7	0	0	1	0.8						
40-44	4	9.1	0	0	4	4.6						
45-49	7	20.7	2	6.3	9	13.7						
50-54	8	30.3	0	0	8	15.8						
55-59	4	17.4	2	9.2	6	13.4						
60-64	4	21.9	0	0	4	10.7						
65-69	7	62.0	0	0	7	28.6						
70-74	3	39.6	2	19.7	5	28.2						
75-79	3	73.0	0	0	3	28.4						
80-84	1	50.4	0	0	1	17.4						
85+	0	0	0	0	0	0						
Total	50		7		57		No deaths occurred during this period					
Crude rate		7.9		1.1		4.5						
Risk 0-74 yrs		1 in 93		1 in 544		1 in 163						
ASR#		9.5		1.2		5.2						
CI [^]		(6.8 - 12.3)		(0.3 - 2.2)		(3.8 - 6.6)						
% all cancers						2.1						

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	1	1.6	0	0	1	0.8	0	0	0	0	0	0
30-34	4	6.6	0	0	4	3.3	0	0	0	0	0	0
35-39	8	13.0	0	0	8	6.5	0	0	0	0	0	0
40-44	7	12.0	1	1.7	8	6.7	0	0	0	0	0	0
45-49	7	16.0	1	2.4	8	9.2	0	0	0	0	0	0
50-54	4	12.3	0	0	4	6.3	0	0	0	0	0	0
55-59	3	12.2	1	4.4	4	8.4	0	0	0	0	0	0
60-64	3	14.6	0	0	3	7.3	0	0	0	0	0	0
65-69	7	43.7	1	5.5	8	23.5	1	6.2	0	0	1	2.9
70-74	6	61.5	1	7.9	7	31.2	0	0	0	0	0	0
75-79	6	100.8	1	11.1	7	46.8	0	0	0	0	0	0
80-84	1	34.9	4	76.4	5	61.8	1	34.9	0	0	1	12.4
85+	3	208.6	1	26.5	4	76.8	0	0	0	0	0	0
Total	60		11		71		2		0		2	
Crude rate		8.5		1.6		5.0		0.3				0.1
Risk 0-74 yrs		1 in 104		1 in 916		1 in 194		1 in 3205				1 in 6821
ASR#		9.4		1.4		5.0		0.4				
CI [^]		(6.9 - 12.0)		(0.5 - 2.2)		(3.8 - 6.3)		(0 - 0.9)				
% all cancers						2.1						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 8: Cancer of the tongue (ICD-9 code 141)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	3	11.4	1	4.1	4	7.9	3	11.4	1	4.1	4	7.9
55-59	1	4.3	0	0	1	2.2	1	4.3	0	0	1	2.2
60-64	0	0	0	0	0	0	1	5.5	0	0	1	2.7
65-69	0	0	1	7.6	1	4.1	0	0	1	7.6	1	4.1
70-74	1	13.2	1	9.8	2	11.3	0	0	1	9.8	1	5.6
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	5		3		8		5		3		8	
Crude rate		0.8		0.5		0.6		0.8		0.5		0.6
Risk 0-74 yrs		1 in 693		1 in 930		1 in 786		1 in 945		1 in 930		1 in 889
ASR#		1.0		0.6		0.8		1.0		0.6		0.8
CI [^]		(0.1 - 1.9)		(0 - 1.3)		(0.3 - 1.4)		(0.1 - 1.8)		(0 - 1.3)		(0.3 - 1.4)
% all cancers						0.3						0.7

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	1	1.5	1	0.8	0	0	1	1.5	1	0.8
25-29	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
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	1	1.7	0	0	1	0.8	0	0	0	0	0	0
45-49	2	4.5	0	0	2	2.3	0	0	0	0	0	0
50-54	1	3.1	1	3.3	2	3.2	0	0	0	0	0	0
55-59	1	4.1	1	4.4	2	4.2	0	0	0	0	0	0
60-64	2	9.8	2	9.8	4	9.8	2	9.8	0	0	2	4.9
65-69	1	6.2	0	0	1	2.9	0	0	0	0	0	0
70-74	3	30.7	0	0	3	13.4	1	10.2	0	0	1	4.5
75-79	1	16.8	0	0	1	6.7	0	0	0	0	0	0
80-84	0	0	1	19.1	1	12.4	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	13		6		19		3		1		4	
Crude rate		1.8		0.9		1.3		0.4		0.1		0.3
Risk 0-74 yrs		1 in 325		1 in 1053		1 in 524		1 in 1000		1 in 13104		1 in 1979
ASR#		2.2		1.0		1.5		0.6		0.1		0.4
CI [^]		(1.0 - 3.3)		(0.2 - 1.7)		(0.8 - 2.2)		(0 - 1.3)		(0 - 0.4)		(0 - 0.7)
% all cancers						0.6						0.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 9: Cancer of the salivary glands (ICD-9 code 142)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	1	1.7	0	0	1	0.9
35-39	0	0	2	3.4	2	1.7	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.8	1	4.1	2	3.9	0	0	0	0	0	0
55-59	1	4.3	1	4.6	2	4.5	0	0	0	0	0	0
60-64	0	0	0	0	0	0	1	5.5	0	0	1	2.7
65-69	0	0	1	7.6	1	4.1	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	1	9.8	1	5.6
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		6		8		2		1		3	
Crude rate		0.3		1.0		0.6		0.3		0.2		0.2
Risk 0-74 yrs		1 in 2461		1 in 679		1 in 1010		1 in 2772		1 in 2033		1 in 2182
ASR#		0.4		1.0		0.7		0.3		0.2		0.3
CI [^]		(0 - 0.9)		(0.2 - 1.9)		(0.2 - 1.2)		(0 - 0.8)		(0 - 0.6)		(0 - 0.6)
% all cancers						0.3						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	1	1.7	2	3.4	3	2.5	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	1	6.3	1	5.5	2	5.9	0	0	0	0	0	0
70-74	1	10.2	0	0	1	4.5	0	0	1	7.9	1	4.5
75-79	2	33.6	0	0	2	13.4	0	0	0	0	0	0
80-84	0	0	0	0	0	0	1	34.9	0	0	1	12.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	7		3		10		1		1		2	
Crude rate		1.0		0.4		0.7		0.1		0.1		0.1
Risk 0-74 yrs		1 in 875		1 in 2251		1 in 1314				1 in 2535		1 in 4488
ASR#		1.1		0.4		0.7		0.2		0.2		0.2
CI [^]		(0.3 - 1.9)		(0 - 0.8)		(0.3 - 1.1)		(0 - 0.5)		(0 - 0.5)		(0 - 0.4)
% all cancers						0.3						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 10: Cancer of the gum (ICD-9 code 143)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	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	1	1.7	0	0	1	0.9						
25-29	0	0	0	0	0	0						
30-34	0	0	0	0	0	0						
35-39	0	0	0	0	0	0						
40-44	0	0	0	0	0	0						
45-49	0	0	0	0	0	0						
50-54	0	0	0	0	0	0						
55-59	0	0	0	0	0	0						
60-64	0	0	0	0	0	0						
65-69	1	8.9	0	0	1	4.1						
70-74	0	0	0	0	0	0						
75-79	0	0	0	0	0	0						
80-84	0	0	0	0	0	0						
85+	0	0	0	0	0	0						
Total	2		0		2		No deaths occurred during this period					
Crude rate		0.3				0.2						
Risk 0-74 yrs		1 in 1887				1 in 4036						
ASR#		0.4				0.2						
CI^		(0 - 1.0)				(0 - 0.5)						
% all cancers						0.1						

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	1	4.9	0	0	1	2.5	1	4.9	0	0	1	2.5
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	1		0		1		1		0		1	
Crude rate		0.1				0.1		0.1				0.1
Risk 0-74 yrs		1 in 4104				1 in 8177		1 in 4104				1 in 8177
ASR#		0.2				0.1		0.2				0.1
CI^		(0 - 0.6)				(0 - 0.3)		(0 - 0.6)				(0 - 0.3)
% all cancers						0.0						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 11: Cancer of the floor of mouth (ICD-9 code 144)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	1	2.3	0	0	1	1.1	0	0	0	0	0	0
45-49	2	5.9	0	0	2	3.1	0	0	0	0	0	0
50-54	0	0	1	4.1	1	2.0	0	0	0	0	0	0
55-59	0	0	2	9.2	2	4.5	0	0	0	0	0	0
60-64	0	0	1	5.2	1	2.7	0	0	1	5.2	1	2.7
65-69	1	8.9	0	0	1	4.1	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	1	15.5	1	9.5	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		5		9		0		1		1	
Crude rate		0.6		0.8		0.7				0.2		0.1
Risk 0-74 yrs		1 in 1174		1 in 1081		1 in 1152				1 in 3832		1 in 7485
ASR#		0.8		0.9		0.9				0.2		0.1
CI [^]		(0 - 1.5)		(0.1 - 1.8)		(0.3 - 1.4)				(0 - 0.6)		(0 - 0.3)
% all cancers						0.3						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	1	4.4	1	2.1	0	0	0	0	0	0
60-64	1	4.9	2	9.8	3	7.3	0	0	0	0	0	0
65-69	1	6.2	0	0	1	2.9	1	6.2	0	0	1	2.9
70-74	0	0	1	7.9	1	4.5	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		4		7		1		0		1	
Crude rate		0.4		0.6		0.5			0.1			0.1
Risk 0-74 yrs		1 in 1568		1 in 906		1 in 1134			1 in 3205			1 in 6821
ASR#		0.5		0.7		0.6			0.2			0.1
CI [^]		(0 - 1.0)		(0 - 1.4)		(0.2 - 1.1)			(0 - 0.6)			(0 - 0.3)
% all cancers						0.2						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 12: Cancer of other and unspecified parts of mouth (ICD-9 code 145)

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	1	1.7	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	2	7.6	2	8.2	4	7.9	0	0	0	0	0	0
55-59	1	4.3	0	0	1	2.2	0	0	0	0	0	0
60-64	1	5.5	0	0	1	2.7	1	5.5	0	0	1	2.7
65-69	0	0	0	0	0	0	1	8.9	0	0	1	4.1
70-74	0	0	2	19.7	2	11.3	0	0	0	0	0	0
75-79	0	0	1	15.5	1	9.5	2	48.7	0	0	2	18.9
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		6		10		4		0		4	
Crude rate		0.6		1.0		0.8		0.6		0		0.3
Risk 0-74 yrs	1 in 1151		1 in 676		1 in 803		1 in 1396				1 in 2962	
ASR#		0.8		1.1		1.0		1.0				0.4
CI^		(0 - 1.5)		(0.2 - 1.9)		(0.4 - 1.6)		(0 - 1.9)				(0 - 0.8)
% all cancers						0.4						0.3

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	1	3.1	1	3.3	2	3.2
55-59	1	4.1	0	0	1	2.1	1	4.1	0	0	1	2.1
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	1	5.5	1	2.9	0	0	0	0	0	0
70-74	1	10.3	1	7.9	2	8.9	0	0	0	0	0	0
75-79	0	0	1	11.1	1	6.7	0	0	0	0	0	0
80-84	0	0	1	19.11	1	12.4	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	5		4		9		2		1		3	
Crude rate		0.7		0.6		0.6		0.3		0.1		0.2
Risk 0-74 yrs	1 in 940		1 in 1491		1 in 1143		1 in 2804		1 in 6118		1 in 3790	
ASR#		0.8		0.5		0.7		0.3		0.2		0.2
CI^		(0.1 - 1.4)		(0 - 1.1)		(0.2 - 1.1)		(0 - 0.8)		(0 - 0.5)		(0 - 0.5)
% all cancers						0.3						0.2

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 13: Cancer of the oropharynx (ICD-9 code 146)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	1	3.8	0	0	1	2.0
55-59	0	0	2	9.2	2	4.5	0	0	0	0	0	0
60-64	1	5.5	2	10.4	3	8.0	0	0	0	0	0	0
65-69	2	17.7	0	0	2	8.2	0	0	0	0	0	0
70-74	1	13.2	1	9.8	2	11.3	0	0	0	0	0	0
75-79	0	0	0	0	0	0	1	24.3	0	0	1	9.5
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		5		9		2		0		2	
Crude rate		0.6		0.8		0.7		0.3				0.2
Risk 0-74 yrs		1 in 550		1 in 680		1 in 627		1 in 5287				1 in 10147
ASR#		1.0		1.0		1.0		0.4				0.2
CI [^]		(0 - 2.0)		(0.1 - 1.8)		(0.3 - 1.6)		(0 - 1.0)				(0 - 0.5)
% all cancers						0.3						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	1	1.7	0	0	1	0.8	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	1	4.1	0	0	1	2.1	0	0	0	0	0	0
60-64	1	4.9	1	4.9	2	4.9	1	4.9	0	0	1	2.5
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	1	11.1	1	6.7
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		1		4		1		1		2	
Crude rate		0.4		0.1		0.3		0.1		0.1		0.1
Risk 0-74 yrs		1 in 1888		1 in 4073		1 in 2553		1 in 4104				1 in 8177
ASR#		0.5		0.2		0.3		0.2		0.1		0.2
CI [^]		(0 - 1.0)		(0 - 0.6)		(0 - 0.7)		(0 - 0.6)		(0 - 0.3)		(0 - 0.4)
% all cancers						0.1						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 14: Cancer of the nasopharynx (ICD-9 code 147)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	1	2.3	0	0	1	1.1
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.8	0	0	1	2.0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		0		2		1		0		1	
Crude rate		0.3				0.2		0.2				0.1
Risk 0-74 yrs		1 in 3664				1 in 7108		1 in 8835				1 in 17532
ASR#		0.3				0.2		0.1				0.1
CI [^]		(0 - 0.7)				(0 - 0.4)		(0 - 0.4)				(0 - 0.2)
% all cancers						0.1						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	1	1.6	0	0	1	0.8	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	2	3.3	0	0	2	1.7	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	1	3.1	0	0	1	1.6
55-59	0	0	1	4.4	1	2.1	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	1	5.5	1	2.9	0	0	0	0	0	0
70-74	1	10.2	0	0	1	4.5	0	0	1	7.9	1	4.5
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	7		2		9		1		1		2	
Crude rate		1.0		0.3		0.6		0.1		0.1		0.1
Risk 0-74 yrs		1 in 903		1 in 2017		1 in 1289		1 in 6504		1 in 2535		1 in 3311
ASR#		0.9		0.3		0.6		0.2		0.2		0.2
CI [^]		(0.2 - 1.6)		(0 - 0.8)		(0.2 - 1.0)		(0 - 0.5)		(0 - 0.5)		(0 - 0.4)
% all cancers						0.3						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 15: Cancer of the hypopharynx (ICD-9 code 148)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.8	0	0	1	2.0	0	0	0	0	0	0
55-59	1	4.3	0	0	1	2.2	1	4.3	0	0	1	2.2
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	1	8.9	1	7.6	2	8.2	0	0	2	15.1	2	8.2
70-74	0	0	0	0	0	0	2	26.4	0	0	2	11.3
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		1		4		3		2		5	
Crude rate		0.5		0.2		0.3		0.5		0.3		0.4
Risk 0-74 yrs		1 in 1178		1 in 2644		1 in 1618		1 in 651		1 in 1322		1 in 923
ASR#		0.6		0.2		0.4		0.7		0.5		0.6
CI^		(0 - 1.4)		(0 - 0.7)		(0 - 0.9)		(0 - 1.5)		(0 - 1.1)		(0.1 - 1.1)
% all cancers						0.1						0.4

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	1	3.1	0	0	1	1.6
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	3	14.6	0	0	3	7.3	1	4.9	0	0	1	2.5
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		0		4		2				2	
Crude rate		0.6				0.3		0.3				0.1
Risk 0-74 yrs		1 in 1131				1 in 2242		1 in 2517				1 in 4962
ASR#		0.7				0.4		0.4				0.2
CI^		(0 - 1.5)				(0 - 0.7)		(0 - 0.8)				(0 - 0.4)
% all cancers						0.1						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^ 95% confidence intervals.

Table 16: Cancer of the oesophagus (ICD-9 code 150)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	2	5.9	0	0	2	3.1	1	3.0	0	0	1	1.5
50-54	0	0	0	0	0	0	1	3.8	1	4.1	2	3.9
55-59	4	17.4	0	0	4	8.9	2	8.7	0	0	2	4.5
60-64	6	32.8	4	20.9	10	26.7	6	32.8	2	10.4	8	21.4
65-69	2	17.7	0	0	2	8.2	1	8.9	1	7.6	2	8.2
70-74	3	39.6	2	19.7	5	28.2	2	26.4	2	19.7	4	22.6
75-79	6	146.1	2	31	8	75.8	3	73.0	3	46.5	6	56.8
80-84	0	0	1	26.5	1	17.4	1	50.4	2	53.1	3	52.2
85+	1	109.4	2	70.3	3	79.8	1	109.4	2	70.3	3	79.8
Total	24		11		35		18		13		31	
Crude rate		3.8		1.8		2.8		2.9		2.1		2.5
Risk 0-74 yrs		1 in 177		1 in 494		1 in 267		1 in 240		1 in 479		1 in 323
ASR#		5.7		2.0		3.7		4.4		2.3		3.3
CI [^]		(3.3 - 8.1)		(0.8 - 3.2)		(2.4 - 4.9)		(2.2 - 6.5)		(1.0 - 3.6)		(2.1 - 4.4)
% all cancers						1.3						2.6

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	2	3.3	0	0	2	1.6
40-44	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
45-49	2	4.5	0	0	2	2.3	0	0	0	0	0	0
50-54	2	6.1	0	0	2	3.2	3	9.2	0	0	3	4.8
55-59	1	4.1	1	4.4	2	4.2	0	0	1	4.4	1	2.1
60-64	4	19.5	1	4.9	5	12.2	5	24.4	0	0	5	12.2
65-69	4	25.0	6	33.2	10	29.3	2	12.5	5	27.7	7	20.5
70-74	4	41.0	2	15.8	6	26.7	2	20.5	1	7.9	3	13.4
75-79	2	33.6	1	11.1	3	20.1	2	33.6	0	0	2	13.4
80-84	0	0	1	19.1	1	12.4	1	34.9	1	19.1	2	24.7
85+	5	347.7	2	53.1	7	134.5	2	139.1	2	53.1	4	76.8
Total	27		14		41		20		10		30	
Crude rate		3.8		2.0		2.9		2.8		1.4		2.1
Risk 0-74 yrs		1 in 191		1 in 344		1 in 249		1 in 280		1 in 501		1 in 361
ASR#		5.5		2.2		3.5		3.7		1.5		2.5
CI [^]		(3.3 - 7.7)		(1.0 - 3.3)		(2.4 - 4.5)		(2.0 - 5.5)		(0.6 - 2.5)		(1.6 - 3.4)
% all cancers						1.2						2.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^ 95% confidence intervals.

Table 17: Cancer of the stomach (ICD-9 code 151)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	1	1.8	1	0.9	0	0	0	0	0	0
30-34	1	1.7	1	1.7	2	1.7	1	1.7	0	0	1	0.9
35-39	3	5.0	1	1.7	4	3.4	2	3.4	1	1.7	3	2.5
40-44	3	6.8	3	6.9	6	6.8	2	4.5	1	2.3	3	3.4
45-49	2	5.9	0	0	2	3.1	2	5.9	1	3.1	3	4.6
50-54	1	3.8	1	4.1	2	3.9	0	0	1	4.1	1	2.0
55-59	7	30.4	3	13.8	10	22.3	6	26.1	1	4.6	7	15.6
60-64	11	60.2	7	36.5	18	48.1	5	27.4	7	36.5	12	32.1
65-69	8	70.9	4	30.3	12	49.0	5	44.3	2	15.1	7	28.6
70-74	7	92.4	4	39.4	11	62.0	5	66.0	3	29.5	8	45.1
75-79	10	243.4	5	77.5	15	142.0	12	292.1	4	62.0	16	151.5
80-84	2	100.8	1	26.5	3	52.2	3	151.2	1	26.5	4	69.5
85+	0	0	5	175.7	5	133.0	1	109.4	5	175.7	6	159.6
Total	55		36		91		44		27		71	
Crude rate		8.7		5.7		7.2		7.0		4.3		5.6
Risk 0-74 yrs		1 in 73		1 in 148		1 in 100		1 in 112		1 in 207		1 in 149
% all cancers						3.3						5.9

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	1	1.6	0	0	1	0.8
35-39	2	3.3	3	4.8	5	4.1	0	0	2	3.2	2	1.6
40-44	5	8.3	3	5	8	6.7	3	5.0	0	0	3	2.5
45-49	7	16.0	6	14.0	13	15.0	4	9.0	3	7.1	7	8.1
50-54	5	15.4	6	19.6	11	17.4	4	12.3	3	9.8	7	11.1
55-59	5	20.3	0	0	5	10.5	4	16.2	1	4.4	5	10.5
60-64	3	14.6	0	0	3	7.3	4	19.5	0	0	4	9.8
65-69	7	43.7	4	22.1	11	32.3	8	49.9	3	16.6	11	32.3
70-74	7	71.7	3	23.7	10	44.6	8	82.0	1	7.9	9	40.1
75-79	6	100.8	6	66.6	12	80.2	2	33.6	5	55.5	7	46.8
80-84	8	279.4	4	76.4	12	148.2	10	349.3	5	95.6	15	185.3
85+	2	139.1	5	132.7	7	134.5	1	69.5	2	53.1	3	57.6
Total	58		40		98		49		25		74	
Crude rate		8.2		5.7		6.9		6.9		3.5		5.2
Risk 0-74 yrs		1 in 103		1 in 224		1 in 145		1 in 103		1 in 409		1 in 172
% all cancers						2.9						5.1

Note: Rates are expressed per 100,000 population

Cancer of the stomach (ICD-9 code 151)

Figure 3: Age-specific incidence

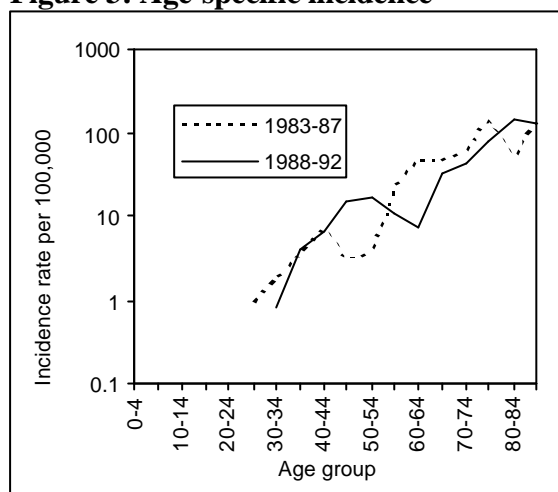
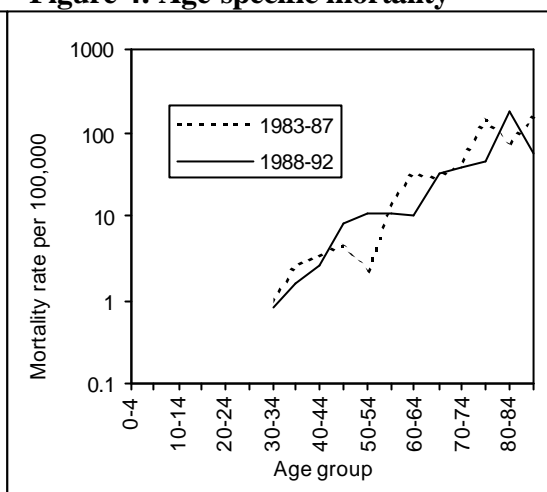


Figure 4: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- 98 new cases of stomach cancer were reported during the period from 1988 to 1992. It was the 11th most common site for males and females. There was a small decline in the crude incidence rate from 7.2 to 6.9 per 100,000 persons between 1983-87 and 1988-1992. The age-specific incidence rates for 1988-1992 followed a similar overall pattern to 1983-87 rates - the difference may be due in part to the effect of the small number of cases. The sex ratio of new cases of stomach cancer remained high at 145 males per 100 females reported in 1988-1992.
- There were 74 deaths from stomach cancer in the period 1988-1992. For males it was the fourth, and for females the tenth most common cause of death in this period. The crude mortality rate improved marginally from 5.6 to 5.2 per 100,000 persons between the two periods, and the age-specific rates for the two periods followed a similar pattern. The sex ratio increased from 163 to 196 males per 100 females between 1983-1987 and 1988-1992.
- The age-standardised incidence and mortality rate of stomach cancer for males and females declined between the two periods of study in the ACT. The male incidence rate in 1988-1992 was slightly lower than NSW or total Australia, while the female incidence rate was higher. The mortality rate was slightly higher for males in ACT, but much the same for females as NSW or total Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
	Age-standardised incidence rates			
Males	11.9 (8.7 - 15.1)	9.8 (7.2 - 12.4)	10.6 (9.5 - 11.7)	10.8 (10.2 - 11.4)
Females	6.5 (4.3 - 8.6)	5.3 (3.6 - 6.9)	4.0 (3.5 - 4.7)	4.2 (3.9 - 4.6)
Persons	7.2 (7.1 - 10.9)	7.3 (5.8 - 8.7)		7.2 (6.9 - 7.6)
	Age-standardised mortality rates			
Males	9.9 (6.9 - 13.0)	8.6 (6.1 - 11.0)	7.8 (6.9 - 8.8)	7.1 (6.6 - 7.6)
Females	5.0 (3.1 - 6.9)	3.2 (1.9 - 4.5)	3.3 (2.8 - 3.9)	3.3 (3.0 - 3.6)
Persons	7.1 (5.4 - 8.8)	5.6 (4.3 - 6.9)		5.0 (4.7 - 5.2)

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population

ACT Cancer Society

The ACT Cancer Society was founded in 1969 by Canberra people to serve the community of the Canberra region.

The society aims to reduce the incidence and impact of cancer in our community and to achieve this aim the society undertakes to provide a wide range of services.

For more information about the activities and services of the ACT Cancer Society, please phone

(06) 285 3070 or call in to

15 Theodore Street, Curtin, ACT 2605

Table 18: Cancer of the small intestine (ICD-9 code 152)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	2	5.9	0	0	2	3.1	0	0	0	0	0	0
50-54	1	3.8	0	0	1	2.0	0	0	0	0	0	0
55-59	0	0	1	4.6	1	2.2	0	0	1	4.6	1	2.2
60-64	1	5.5	0	0	1	2.7	1	5.5	0	0	1	2.7
65-69	3	26.6	0	0	3	12.2	1	8.9	0	0	1	4.1
70-74	1	13.2	1	9.8	2	11.3	1	13.2	0	0	1	5.6
75-79	1	24.3	0	0	1	9.5	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	9		2		11		3		1		4	
Crude rate		1.4		0.3		0.9		0.5		0.2		0.3
Risk 0-74 yrs		1 in 364		1 in 1387		1 in 599		1 in 727		1 in 4361		1 in 1368
ASR#		2.1		0.4		1.2		0.8		0.2		0.4
CI^		(0.7 - 3.4)		(0 - 0.9)		(0.5 - 1.9)		(0 - 1.6)		(0 - 0.5)		(0 - 0.9)
% all cancers						0.3						0.3

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	1	1.6	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	2	4.5	0	0	2	2.3
50-54	1	3.1	1	3.3	2	3.2	0	0	0	0	0	0
55-59	1	4.1	1	4.4	2	4.2	0	0	0	0	0	0
60-64	0	0	1	4.9	1	2.5	0	0	1	4.9	1	2.5
65-69	1	6.3	2	11.1	3	8.8	2	12.5	1	5.5	3	8.8
70-74	0	0	1	7.9	1	4.5	0	0	1	7.9	1	4.5
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		7		11		4		3		7	
Crude rate		0.6		1.0		0.8		0.6		0.4		0.5
Risk 0-74 yrs		1 in 1280		1 in 604		1 in 799		1 in 1177		1 in 1091		1 in 1111
ASR#		0.6		1.1		0.9		0.7		0.5		0.6
CI^		(0 - 1.3)		(0.3 - 2.0)		(0.4 - 1.4)		(0 - 1.3)		(0 - 1.1)		(0.2 - 1.0)
% all cancers						0.3						0.5

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^ 95% confidence intervals.

Table 19: Cancer of the colon (ICD-9 code 153)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	1	1.8	1	0.9	0	0	0	0	0	0
30-34	2	3.5	0	0	2	1.7	0	0	0	0	0	0
35-39	5	8.4	8	13.6	13	11.0	3	5.0	1	1.7	4	3.4
40-44	7	16.0	6	13.8	13	15.0	4	9.1	4	9.2	8	9.1
45-49	8	23.7	6	18.9	14	21.3	0	0	1	3.1	1	1.5
50-54	12	45.4	11	45.3	23	45.3	5	18.9	5	20.6	10	19.7
55-59	17	73.8	18	82.6	35	78.1	6	26.1	7	32.1	13	29.0
60-64	25	136.9	10	52.2	35	93.5	9	49.3	7	36.5	16	42.7
65-69	17	150.6	15	113.5	32	130.6	4	35.4	10	75.6	14	57.1
70-74	14	184.9	11	108.2	25	141.0	7	92.5	6	59.1	13	73.3
75-79	13	316.5	16	248.0	29	274.6	2	48.7	8	124.0	10	94.7
80-84	6	302.4	6	159.2	12	208.6	5	252.0	1	26.5	6	104.3
85+	2	218.8	16	562.2	18	478.7	2	218.8	10	351.4	12	319.1
Total	128		124		252		47		60		107	
Crude rate		20.3		19.7		20.0		7.5		9.5		8.5
Risk 0-74 yrs		1 in 32		1 in 45		1 in 38		1 in 85		1 in 85		1 in 85
% all cancers						9.2						8.9

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	2	3.2	0	0	2	1.6	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	4	6.6	2	3.2	6	4.9	2	3.3	1	1.6	3	2.5
40-44	5	8.3	4	6.7	9	7.5	3	5.0	2	3.4	5	4.2
45-49	10	23.0	7	16.0	17	20.0	2	4.5	3	7.1	5	5.8
50-54	21	64.6	16	52.3	37	58.6	6	18.4	4	13.1	10	15.8
55-59	27	109.6	8	35.1	35	73.9	6	24.4	4	17.5	10	21.1
60-64	25	121.8	16	78.6	41	100.3	13	63.4	7	34.4	20	48.9
65-69	32	199.7	23	127.2	55	161.3	10	62.4	6	33.2	16	46.9
70-74	23	235.6	23	181.5	46	205.0	11	112.7	12	94.7	23	102.5
75-79	11	184.8	17	188.7	28	187.2	9	151.2	9	99.9	18	120.3
80-84	7	244.5	16	305.8	23	284.1	6	209.6	11	210.2	17	210.0
85+	2	139.1	9	238.9	11	211.3	1	69.5	10	265.4	11	211.3
Total	169		141		310		69		69		138	
Crude rate		23.9		19.9		21.9		9.8		9.8		9.8
Risk 0-74 yrs		1 in 26		1 in 40		1 in 32		1 in 69		1 in 98		1 in 81
% all cancers						9.3						9.6

Note: Rates are expressed per 100,000 population.

Cancer of the colon (ICD-9 code 153)

Figure 5: Age-specific incidence

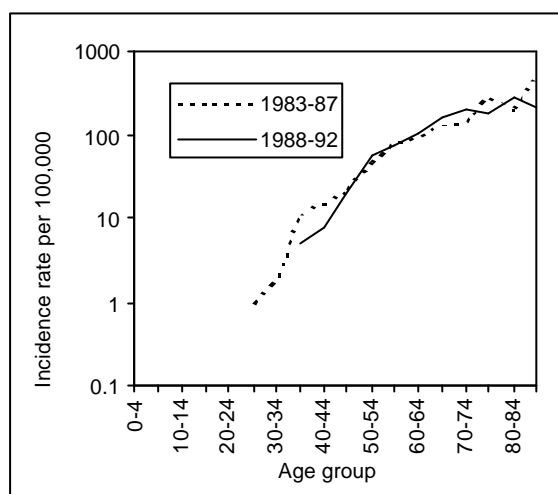
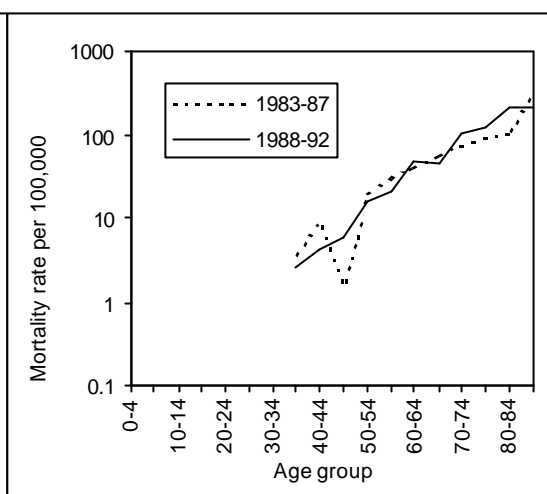


Figure 6: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- Cancer of the colon, like most cancers, is very much an age-related event - there were no cases reported in persons under the age of 25 years. It was the fourth most common site of new cancers for males (169 cases), and the third most common incidence site for females (141 new cases), during the five years to 1992. The crude rate increased from 20 to 22 new cases per 100,000 population between the periods 1983-1987 and 1988-1992 - the main contribution to this higher rate was the increase in the number of reported cases for males. The sex ratio for the new cases of cancer of the colon during the period 1983-1987 was 103 males to 100 females compared to 120 males to 100 females in 1988-1992.
- During the period 1988-1992 cancer of the colon was the third leading cause of death in the ACT for both males and females (69 deaths each). The crude mortality rate increased from 8.5 to 9.8 per 100,000 population, and as a proportion of all deaths cancer of the colon increased from nine to ten per cent between the two periods.
- The age-standardised incidence rate for males was slightly higher than in NSW or Australia. In general the ACT age-standardised mortality rate was lower than the Australian rate for both males and females. This may reflect earlier diagnosis in the ACT, and therefore higher incidence but lower eventual mortality.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males	27.8 (22.8 - 32.8)	29.5 (25.0 - 34.0)	27.1 (25.4 - 28.8)	27.1 (26.1 - 28.2)
Females	22.2 (18.2 - 26.2)	20.8 (17.3 - 24.3)	20.7 (19.3 - 22.2)	21.4 (20.5 - 22.3)
Persons	25.1 (21.9 - 28.2)	25.2 (22.4 - 28.1)		23.9 (23.3 - 24.6)
Age-standardised mortality rates				
Males	10.6 (7.3 - 13.8)	12.2 (9.3 - 15.2)	12.2 (11.1 - 13.4)	14.1 (13.4 - 14.8)
Females	11.2 (8.3 - 14.1)	9.7 (7.4 - 12.1)	9.3 (8.4 - 10.3)	11.2 (10.6 - 11.8)
Persons	10.9 (8.8 - 13.1)	11.1 (9.2 - 13.0)		12.4 (12.0 - 12.9)

Note: Rates are expressed per 100,000 population and age-standardised to the World Standard Population

Table 20: Cancer of the rectum (ICD-9 code 154)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.7	0	0	1	0.9	1	1.7	0	0	1	0.9
35-39	0	0	1	1.7	1	0.8	0	0	1	1.7	1	0.8
40-44	1	2.3	2	4.6	3	3.4	3	6.8	2	4.6	5	5.7
45-49	7	20.7	4	12.6	11	16.8	2	5.9	1	3.1	3	4.6
50-54	15	56.7	5	20.6	20	39.4	3	11.4	1	4.1	4	7.9
55-59	15	65.2	11	50.5	26	58.0	6	26.1	4	18.4	10	22.3
60-64	16	87.6	12	62.6	28	74.8	12	65.7	6	31.3	18	48.1
65-69	12	106.3	5	37.8	17	69.4	9	79.7	2	15.1	11	44.9
70-74	10	132.1	10	98.4	20	112.8	8	105.7	4	39.4	12	67.7
75-79	4	97.4	4	62.0	8	75.8	5	121.7	0	0	5	47.4
80-84	3	151.2	8	212.3	11	191.2	1	50.4	4	106.1	5	86.9
85+	3	328.2	1	35.1	4	106.4	3	328.2	3	105.4	6	159.6
Total	87		63		150		53		28		81	
Crude rate		13.8		10		11.9		8.4		4.4		6.4
Risk 0-74 yrs		1 in 43		1 in 70		1 in 54		1 in 67		1 in 170		1 in 99
% all cancers						5.5						6.7

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	2	3.3	0	0	2	1.6	0	0	0	0	0	0
35-39	1	1.7	1	1.6	2	1.6	1	1.7	0	0	1	0.8
40-44	5	8.3	4	6.7	9	7.5	1	1.7	1	1.7	2	1.7
45-49	1	2.3	3	7.1	4	4.6	1	2.3	2	4.7	3	3.5
50-54	10	30.7	5	16.3	15	23.8	3	9.2	2	6.5	5	7.9
55-59	13	52.8	6	26.3	19	40.1	6	24.4	1	4.4	7	14.8
60-64	16	77.9	10	49.1	26	63.6	6	29.2	4	19.6	10	24.5
65-69	11	68.6	9	49.8	20	58.7	6	37.4	3	16.6	9	26.4
70-74	18	184.4	17	134.1	35	156.0	3	30.7	5	39.5	8	35.7
75-79	14	235.2	14	155.4	28	187.2	10	168.0	4	44.4	14	93.6
80-84	3	104.8	4	76.4	7	86.5	4	139.7	5	95.6	9	111.2
85+	2	139.1	1	26.5	3	57.6	3	208.6	2	53.1	5	96.0
Total	96		74		170		44		29		73	
Crude rate		13.6		10.5		12.0		6.2		4.1		5.2
Risk 0-74 yrs		1 in 47		1 in 69		1 in 56		1 in 147		1 in 216		1 in 174
% all cancers						5.1						5.1

Note: Rates are expressed per 100,000 population.

Cancer of the rectum (ICD-9 code 154)

Figure 7: Age-specific incidence

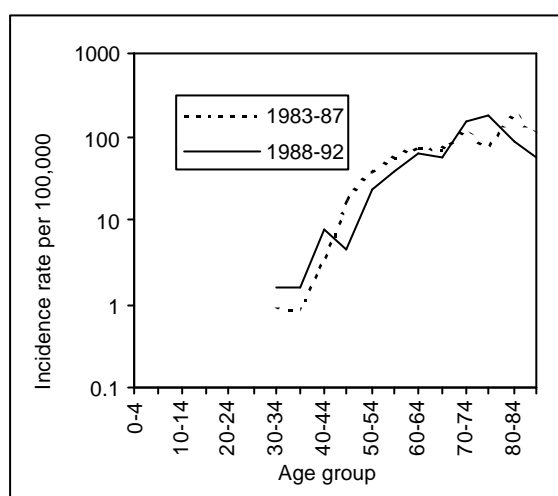
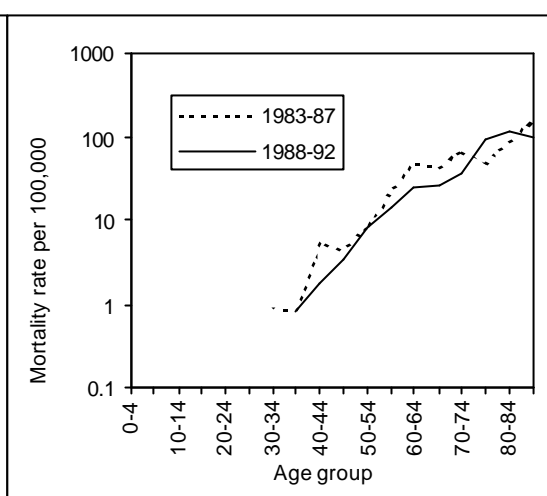


Figure 8: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- The incidence of cancer of the rectum was consistent during the two periods 1983-1987 and 1988-1992. For both males and females cancer of the rectum was the fifth leading cause of death in 1983-1987 and the sixth in 1988-1992. Although the actual number of cases increased from 150 to 170, the crude incidence rate was similar at 12 per 100,000 persons in both periods, this was due to the increasing population at risk. The sex ratio was 130 males per 100 females in the latter period.
- There were 73 deaths from cancer of the return in the period 1988-1992, a decrease of eight over the previous period. The crude rate declined from 6.4 to 5.2 per 100,000 persons between 1983-1987 and 1988-1992. As a result this cancer fell from third to sixth ranking for males, and from sixth to seventh for females.
- The ACT age-standardised incidence rates are similar to the Australian rate. But the age-standardised mortality rates are higher for both males and females, and more like those of NSW than the Australian rate.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males	19.6 (15.3 - 24.0)	17.0 (13.5 - 20.5)	18.9 (17.5 - 20.4)	17.6 (16.8 - 18.4)
Females	11.6 (8.7 - 14.6)	11.0 (8.4 - 13.6)	9.2 (8.3 - 10.2)	10.0 (9.4 - 10.6)
Persons	15.2 (12.7 - 17.6)	13.7 (11.6 - 15.8)		13.5 (13.0 - 14.0)
Age-standardised mortality rates				
Males	12.7 (9.1 - 16.4)	8.1 (5.6 - 10.6)	8.6 (7.7 - 9.6)	6.1 (5.6 - 6.6)
Females	5.1 (3.2 - 7.0)	4.2 (2.6 - 5.7)	3.8 (3.3 - 4.5)	2.9 (2.6 - 3.2)
Persons	8.3 (6.5 - 10.2)	5.8 (4.5 - 7.2)		4.4 (4.1 - 4.6)

Note: Rates are expressed per 100,000 population and age-standardised to the World Standard Population

Table 21: Cancer of the liver and intrahepatic bile ducts (ICD-9 code 155) Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	1	1.7	2	1.7	1	1.7	0	0	1	0.8
40-44	0	0	1	2.3	1	1.1	0	0	1	2.3	1	1.1
45-49	1	3.0	0	0	1	1.5	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	1	4.3	0	0	1	2.2	1	4.3	0	0	1	2.2
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	3	26.6	1	7.6	4	16.3	1	8.9	1	7.6	2	8.2
70-74	1	13.2	3	29.5	4	22.6	0	0	1	9.8	1	5.6
75-79	1	24.3	0	0	1	9.5	1	24.3	0	0	1	9.5
80-84	1	50.4	0	0	1	17.4	1	50.4	0	0	1	17.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	9		6		15		5		3		8	
Crude rate		1.4		1.0		1.2		0.8		0.5		0.6
Risk 0-74 yrs		1 in 411		1 in 487		1 in 440		1 in 1345		1 in 1015		1 in 1111
ASR#		2.0		1.1		1.5		1.0		0.6		0.8
CI [^]		(0.7 - 3.4)		(0.2 - 1.9)		(0.7 - 2.2)		(0.1 - 2.0)		(0 - 1.2)		(0.2 - 1.3)
% all cancers						0.5						0.7

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	1	1.7	1	1.6	2	1.6	1	1.7	1	1.6	2	1.6
40-44	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
45-49	0	0	0	0	0	0	1	2.3	0	0	1	1.2
50-54	0	0	1	3.3	1	1.6	0	0	1	3.3	1	1.6
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	6	29.2	2	9.8	8	19.6	2	9.8	2	9.8	4	9.8
65-69	2	12.5	1	5.5	3	8.8	3	18.7	1	5.5	4	11.7
70-74	2	20.5	1	7.9	3	13.4	3	30.7	1	7.9	4	17.8
75-79	0	0	0	0	0	0	0	0	1	11.1	1	6.7
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	1	69.5	0	0	1	19.2	1	69.5	0	0	1	19.2
Total	14		6		20		12		7		19	
Crude rate		2.0		0.9		1.4		1.7		1.0		1.3
Risk 0-74 yrs		1 in 298		1 in 712		1 in 430		1 in 309		1 in 712		1 in 450
ASR#		2.6		1.0		1.7		2.3		1.1		1.6
CI [^]		(1.2 - 4.0)		(0.2 - 1.8)		(0.9 - 2.4)		(0.9 - 3.6)		(0.3 - 1.9)		(0.8 - 2.3)
% all cancers						0.6						1.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^ 95% confidence intervals

**Table 22: Cancer of the gallbladder and extrahepatic bile ducts
(ICD-9 code 156) Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	1	1.8	1	0.9	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	1	1.7	1	0.9	0	0	1	1.7	1	0.9
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	1	2.3	1	1.1	0	0	1	2.3	1	1.1
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.8	2	8.2	3	5.9	0	0	2	8.2	2	3.9
55-59	1	4.3	1	4.6	2	4.5	1	4.3	1	4.6	2	4.5
60-64	1	5.5	2	10.4	3	8.0	1	5.5	0	0	1	2.7
65-69	1	8.9	2	15.1	3	12.2	0	0	3	22.7	3	12.2
70-74	0	0	3	29.5	3	16.9	1	13.2	2	19.7	3	16.9
75-79	0	0	2	31.0	2	18.9	0	0	2	31.0	2	18.9
80-84	1	50.4	1	26.5	2	34.8	1	50.4	0	0	1	17.4
85+	1	109.4	1	35.1	2	53.2	1	109.4	2	70.3	3	79.8
Total	6		17		23		5		14		19	
Crude rate		1.0		2.7		1.8		0.8		2.2		1.5
Risk 0-74 yrs		1 in 891		1 in 272		1 in 397		1 in 869		1 in 339		1 in 474
ASR#		1.7		3.1		2.3		1.5		2.6		2.0
CI [^]		(0.2 - 3.1)		(1.6 - 4.5)		(1.4 - 3.3)		(0.1 - 2.9)		(1.2 - 3.9)		(1.1 - 2.9)
% all cancers						0.8						1.6

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	1	1.5	1	0.8
25-29	0	0	1	1.6	1	0.8	0	0	0	0	0	0
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	1	3.1	0	0	1	1.6
55-59	1	4.1	2	8.8	3	6.3	1	4.1	0	0	1	2.1
60-64	2	9.7	1	4.9	3	7.3	2	9.8	0	0	2	4.9
65-69	2	12.5	0	0	2	5.9	2	12.5	0	0	2	5.9
70-74	0	0	1	7.9	1	4.5	0	0	1	7.9	1	4.5
75-79	1	16.8	3	33.3	4	26.7	0	0	2	22.2	2	13.4
80-84	1	34.9	1	19.1	2	24.7	0	0	0	0	0	0
85+	1	69.5	4	106.2	5	96.0	1	69.5	3	79.6	4	76.8
Total	9		13		22		7		7		14	
Crude rate		1.3		1.8		1.6		1.0		1.0		1.0
Risk 0-74 yrs		1 in 682		1 in 863		1 in 759		1 in 682		1 in 2124		1 in 1017
ASR#		1.8		1.8		1.8		1.4		0.9		1.2
CI [^]		(0.6 - 3.0)		(0.8 - 2.8)		(1.1 - 2.6)		(0.3 - 2.5)		(0.2 - 1.6)		(0.6 - 1.8)
% all cancers						0.7						1.0

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 23: Cancer of the pancreas (ICD-9 code 157)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	1	1.8	0	0	1	0.9	1	1.8	0	0	1	0.9
30-34	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
40-44	2	4.5	1	2.3	3	3.4	0	0	1	2.3	1	1.1
45-49	1	3.0	1	3.1	2	3.1	0	0	0	0	0	0
50-54	1	3.8	1	4.1	2	3.9	1	3.8	1	4.1	2	3.9
55-59	3	13.0	1	4.6	4	8.9	2	8.7	0	0	2	4.5
60-64	5	27.4	2	10.4	7	18.7	4	21.9	1	5.2	5	13.4
65-69	8	70.9	4	30.3	12	49.0	6	53.2	3	22.7	9	36.7
70-74	2	26.4	4	39.4	6	33.8	2	26.4	7	68.9	9	50.8
75-79	4	97.4	3	46.5	7	66.3	3	73.0	2	31.0	5	47.4
80-84	0	0	2	53.1	2	34.8	0	0	3	79.6	3	52.2
85+	2	218.8	3	105.4	5	133.0	1	109.4	4	140.5	5	133.0
Total	29		22		51		20		22		42	
Crude rate		4.6		3.5		4.1		3.2		3.5		3.3
Risk 0-74 yrs		1 in 133		1 in 213		1 in 165		1 in 173		1 in 194		1 in 180
ASR#		7.1		4.1		5.4		5.0		4.0		4.6
CI [^]		(4.4 - 9.9)		(2.4 - 5.8)		(3.9 - 6.9)		(2.7 - 7.2)		(2.3 - 5.7)		(3.2 - 6.0)
% all cancers						1.9						3.5

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
45-49	1	2.3	2	4.7	3	3.5	2	4.5	0	0	2	2.3
50-54	3	9.2	2	6.5	5	7.9	3	9.2	2	6.5	5	7.9
55-59	1	4.1	4	17.5	5	10.5	1	4.1	2	8.8	3	6.3
60-64	6	29.2	2	9.8	8	19.6	4	19.5	3	14.7	7	17.1
65-69	3	18.7	5	27.7	8	23.5	5	31.2	6	33.2	11	32.3
70-74	7	71.7	2	15.8	9	40.1	7	71.7	1	7.9	8	35.7
75-79	4	67.2	8	88.8	12	80.2	4	67.2	7	77.7	11	73.5
80-84	2	69.9	3	57.3	5	61.8	2	69.9	2	38.2	4	49.4
85+	4	278.2	3	79.6	7	134.5	4	278.2	3	79.6	7	134.5
Total	32		31		63		33		26		59	
Crude rate		4.5		4.4		4.5		4.7		3.7		4.2
Risk 0-74 yrs		1 in 147		1 in 244		1 in 189		1 in 142		1 in 282		1 in 196
ASR#		6.4		4.4		5.2		6.6		3.8		4.9
CI [^]		(4.1 - 8.8)		(2.8 - 6.0)		(3.9 - 6.4)		(4.2 - 8.9)		(2.3 - 5.3)		(3.6 - 6.1)
% all cancers						1.9						4.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals

Table 24: Cancer of the retroperitoneum (ICD-9 code 158)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	1	1.7	1	0.9	0	0	0	0	0	0
35-39	0	0	1	1.7	1	0.8	0	0	1	1.7	1	0.8
40-44	1	2.3	0	0	1	1.1	0	0	0	0	0	0
45-49	0	0	1	3.1	1	1.5	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	1	4.3	0	0	1	2.2	0	0	0	0	0	0
60-64	0	0	1	5.2	1	2.7	0	0	2	10.4	2	5.3
65-69	0	0	1	7.6	1	4.1	0	0	0	0	0	0
70-74	1	13.2	0	0	1	5.6	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		5		8		0		3		3	
Crude rate		0.5		0.8		0.6				0.5		0.2
Risk 0-74 yrs		1 in 1010		1 in 1037		1 in 1054				1 in 1648		1 in 3233
ASR#		0.6		0.8		0.7				0.5		0.3
CI^		(0 - 1.3)		(0.1 - 1.6)		(0.2 - 1.2)				(0 - 1.1)		(0 - 0.6)
% all cancers						0.3						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	1	1.7	0	0	1	0.8
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.1	1	3.3	2	3.2	1	3.1	0	0	1	1.6
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	1	4.9	1	2.5	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	1	5.5	1	2.9
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	1	16.8	1	11.1	2	13.4	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	1	19.1	1	12.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		3		5		2		2		4	
Crude rate		0.3		0.4		0.4				0.3		0.3
Risk 0-74 yrs		1 in 6504		1 in 2445		1 in 3562				1 in 4224		1 in 3738
ASR#		0.3		0.5		0.4				0.3		0.3
CI^		(0 - 0.8)		(0 - 1.0)		(0 - 0.7)				(0 - 0.6)		(0 - 0.6)
% all cancers						0.2						0.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals

Table 25: Cancer of unspecified digestive organs (ICD-9 code 159)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	1	7.6	1	4.1	0	0	1	7.6	1	4.1
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	1	26.5	1	17.4	0	0	1	26.5	1	17.4
85+	1	109.4	0	0	1	26.6	1	109.4	0	0	1	26.6
Total	1		2		3		1		2		3	
Crude rate		0.2		0.3		0.2		0.2		0.3		0.3
Risk 0-74 yrs				1 in 2644		1 in 4902				1 in 2644		1 in 4902
ASR#		0.6		0.4		0.3		0.6		0.4		0.3
CI^		(0 - 1.6)		(0 - 0.9)		(0 - 0.7)		(0 - 1.6)		(0 - 0.9)		(0 - 0.7)
% all cancers						0.1						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.1	1	3.3	2	3.2	0	0	0	0	0	0
55-59	0	0	1	4.4	1	2.1	0	0	1	4.4	1	2.1
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		2		4		1		1		2	
Crude rate		0.3		0.3		0.3		0.1		0.1		0.1
Risk 0-74 yrs		1 in 4227		1 in 2613		1 in 3283		1 in 12070		1 in 4562		1 in 6841
ASR#		0.3		0.3		0.3		0.1		0.2		0.1
CI^		(0 - 0.6)		(0 - 0.8)		(0 - 0.6)		(0 - 0.3)		(0 - 0.5)		(0 - 0.3)
% all cancers						0.1						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals

Table 26: Cancer of the nasal cavities, middle ear and accessory sinuses (ICD-9 code 160) Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.7	0	0	1	0.9	0	0	0	0	0	0
35-39	1	1.7	1	1.7	2	1.7	0	0	0	0	0	0
40-44	0	0	0	0	0	0	1	2.3	0	0	1	1.1
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	1	50.4	0	0	1	17.4	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		1		4		1		0		1	
Crude rate		0.5		0.2		0.3		0.2		0		0.1
Risk 0-74 yrs		1 in 5853		1 in 11790		1 in 7871		1 in 8835				1 in 17532
ASR#		0.5		0.1		0.2		0.1				0.1
CI [^]		(0 - 1.0)		(0 - 0.3)		(0 - 0.5)		(0 - 0.4)				(0 - 0.2)
% all cancers						0.1						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	1	3.1	0	0	1	1.6	0	0	0	0	0	0
55-59	2	8.1	1	4.4	3	6.3	2	8.1	0	0	2	4.2
60-64	1	4.9	0	0	1	2.5	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	1	10.2	0	0	1	4.5	1	10.2	0	0	1	4.5
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	7		1		8		4		0		4	
Crude rate		1.0		0.1		0.6		0.6				0.3
Risk 0-74 yrs		1 in 662		1 in 4562		1 in 1192		1 in 1000				1 in 2108
ASR#		1.1		0.2		0.6		0.6				0.3
CI [^]		(0.3 - 2.0)		(0 - 0.5)		(0.2 - 1.1)		(0 - 1.3)				(0 - 0.6)
% all cancers						0.2						0.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals

ACT Breast Screening Clinic

Early detection of breast cancer increases the chances of successful treatment and often allows more treatment options.

The ACT Breast Screening Clinic accepts women aged 40 and over for free breast screening mammography.

A doctor's referral is not necessary.

For more information about the services of the ACT Breast Screening Clinic, please phone (06) 205 4444

Table 27: Cancer of the larynx (ICD-9 code 161)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	2	4.5	0	0	2	2.3	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	4	15.1	1	4.1	5	9.9	1	3.8	0	0	1	2.0
55-59	6	26.1	0	0	6	13.4	2	8.7	0	0	2	4.5
60-64	7	38.3	0	0	7	18.7	1	5.5	0	0	1	2.7
65-69	5	44.3	0	0	5	20.4	0	0	0	0	0	0
70-74	3	39.6	0	0	3	16.9	1	13.2	0	0	1	5.6
75-79	1	24.3	0	0	1	9.5	1	24.3	0	0	1	9.5
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	28		1		29		6		0		6	
Crude rate		4.5		0.2		2.3		1.0		0		0.5
Risk 0-74 yrs		1 in 120		1 in 4861		1 in 246		1 in 643				1 in 1357
ASR#		6.0		0.2		3.0		1.3				0.6
CI [^]		(3.7 - 8.2)		(0 - 0.6)		(1.9 - 4.1)		(0.2 - 2.3)				(0.1 - 1.1)
% all cancers						1.1						0.5

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1	1.5	0	0	1	0.8	1	1.5	0	0	1	0.8
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	4	9.0	0	0	4	4.6	0	0	0	0	0	0
50-54	2	6.2	0	0	2	3.2	0	0	0	0	0	0
55-59	3	12.2	0	0	3	6.3	0	0	0	0	0	0
60-64	6	29.2	1	4.9	7	17.1	2	9.8	0	0	2	4.9
65-69	4	25.0	1	5.5	5	14.7	1	6.2	1	5.5	2	5.9
70-74	2	20.5	0	0	2	8.9	3	30.7	0	0	3	13.4
75-79	1	16.8	0	0	1	6.7	0	0	0	0	0	0
80-84	2	69.9	0	0	2	24.7	1	34.9	0	0	1	12.4
85+	1	69.5	0	0	1	19.2	0	0	0	0	0	0
Total	26		2		28		8		1		9	
Crude rate		3.7		0.3		2.0		1.1		0.1		0.6
Risk 0-74 yrs		1 in 194		1 in 1916		1 in 361		1 in 415		1 in 3616		1 in 804
ASR#		4.7		0.4		2.3		1.5		0.2		0.8
CI [^]		(2.8 - 6.5)		(0 - 0.9)		(1.5 - 3.2)		(0.5 - 2.6)		(0 - 0.5)		(0.3 - 1.3)
% all cancers						0.8						0.6

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 28: Cancer of the trachea, bronchus & lung (ICD-9 code 162)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	1	1.7	0	0	1	0.9	0	0	0	0	0	0
25-29	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
35-39	0	0	3	5.1	3	2.5	0	0	2	3.4	2	1.7
40-44	5	11.3	0	0	5	5.7	2	4.5	0	0	2	2.3
45-49	6	17.8	3	9.4	9	13.7	3	8.9	1	3.1	4	6.1
50-54	10	37.8	2	8.2	12	23.7	8	30.3	5	20.6	13	25.6
55-59	24	104.3	15	68.8	39	87.0	17	73.9	9	41.3	26	58.0
60-64	40	219.0	14	73.1	54	144.3	29	158.8	13	67.9	42	112.2
65-69	26	230.4	12	90.8	38	155.1	22	194.9	10	75.7	32	130.6
70-74	31	409.4	13	127.9	44	248.1	27	356.6	10	98.4	37	208.6
75-79	22	535.5	6	93.0	28	265.2	21	511.2	3	46.5	24	227.3
80-84	7	352.8	5	132.7	12	208.6	7	352.8	4	106.1	11	191.2
85+	5	547.0	2	70.3	7	186.2	5	547.0	0	0	5	133.0
Total	177		75		252		141		57		198	
Crude rate		28.1		11.9		20.0		22.4		9.1		15.7
Risk 0-74 yrs		1 in 20		1 in 53		1 in 30		1 in 25		1 in 65		1 in 37
% all cancers						9.2						16.4

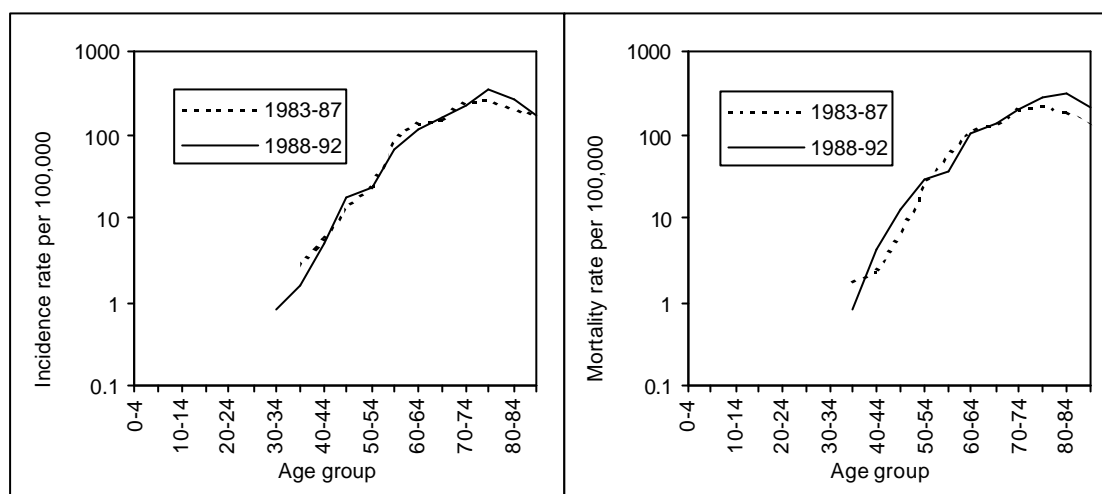
1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	0	0	2	3.2	2	1.6	1	1.7	0	0	1	0.8
40-44	3	5.0	3	5.0	6	5.0	3	5.0	2	3.4	5	4.2
45-49	11	25.0	5	12.0	16	18.0	8	18.1	3	7.1	11	12.7
50-54	12	36.9	3	9.8	15	23.8	15	46.1	3	9.8	18	28.5
55-59	24	97.4	8	35.1	32	67.5	11	44.7	7	30.7	18	37.9
60-64	32	156.0	15	73.7	47	115.0	30	146.2	11	54.0	41	100.3
65-69	39	243.4	16	88.5	55	161.3	30	187.2	18	99.6	48	140.8
70-74	37	379.0	13	102.6	50	222.9	30	307.3	15	118.4	45	200.6
75-79	34	571.1	18	199.8	52	347.6	30	503.9	13	144.3	43	287.4
80-84	14	489.0	8	152.9	22	271.7	13	454.1	12	229.3	25	308.8
85+	7	486.8	2	53.1	9	172.9	8	556.3	3	79.6	11	211.3
Total	214		93		307		179		87		266	
Crude rate		30.3		13.2		21.7		25.3		12.3		18.8
Risk 0-74 yrs		1 in 22		1 in 61		1 in 33		1 in 27		1 in 62		1 in 39
% all cancers						9.2						18.5

Note: Rates are expressed per 100,000 population.

Cancer of the trachea, bronchus and lung (ICD-9 code 162)

Figure 9: Age-specific incidence

Figure 10: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- During both study periods cancer of the trachea, bronchus and lung was the second most common incidence site for males (177 and 214 cases respectively), and the fourth most common incidence site for females (75 and 93 cases). The crude rate increased for both males (28 to 30 per 100,000 males) and females (12 to 13 per 100,000 females) during the ten year period. The sex ratio declined marginally from 236 to 230 males per 100 females, but still reflects the huge disparity between the sexes which is mainly thought to be due to cigarette smoking (Mathers:1994;193)
- Cancer of the trachea, bronchus and lung was the leading cause of cancer deaths for males in both 1983-1987 (141 deaths) and 1988-1992 (179 deaths). At the same time the number of female deaths from this cancer site increased from 57 to 87, and this was reflected in the rise from third to second most common cause of cancer. The crude mortality rate increased for both males (from 22 to 25 per 100,000 males) and females (from 9 to 12 per 100,000 females). The sex ratio decreased from 189 to 152 males per 100 females, due mainly to the decline in male mortality.
- The age-standardised incidence and mortality rate for males in the ACT are lower than NSW and total Australia, possibly reflecting lower smoking rates in the ACT than the rest of Australia. ACT females have a lower age-standardised incidence rate, but have similar age-standardised mortality rates to the rest of Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
	Age-standardised incidence rates			
Males	41.7 (35.3 - 48.0)	39.3 (33.9 - 44.7)	46.6 (44.4 - 48.9)	45.8 (44.5 - 47.1)
Females	14.2 (10.9 - 17.4)	13.8 (10.9 - 16.7)	14.6 (13.4 - 15.8)	15.2 (14.5 - 15.9)
Persons	26.1 (22.8 - 29.3)	25.0 (22.2 - 27.9)		29.2 (28.5 - 29.9)
	Age-standardised mortality rates			
Males	34.2 (28.4 - 40.1)	33.3 (28.3 - 38.3)	39.2 (37.3 - 41.3)	41.1 (39.9 - 42.4)
Females	11.0 (8.1 - 13.9)	12.9 (10.1 - 15.6)	12.0 (11.0 - 13.1)	12.6 (11.9 - 13.2)
Persons	20.7 (17.8 - 23.6)	21.7 (19.1 - 24.4)		25.4 (24.8 - 26.1)

Note: Rates are expressed per 100,000 population and age-standardised to the World Standard Population

Table 29: Cancer of the pleura (ICD-9 code 163)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	1	1.7	1	0.9	0	0	1	1.7	1	0.9
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	1	3.1	1	1.5	0	0	1	3.1	1	1.5
50-54	1	3.8	0	0	1	2.0	1	3.8	0	0	1	2.0
55-59	2	8.7	0	0	2	4.5	1	4.3	0	0	1	2.2
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	1	9.8	1	5.6
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		3		7		2		3		5	
Crude rate		0.6		0.5		0.6		0.3		0.5		0.4
Risk 0-74 yrs		1 in 1414		1 in 1364		1 in 1308		1 in 2461		1 in 1364		1 in 1637
ASR#		0.6		0.5		0.6		0.4		0.5		0.4
CI [^]		(0 - 1.3)		(0 - 1.1)		(0.1 - 1.0)		(0 - 0.9)		(0 - 1.1)		(0 - 0.8)
% all cancers						0.3						0.4

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	2	9.7	0	0	2	4.9	1	4.9	0	0	1	2.5
65-69	1	6.2	0	0	1	2.9	2	12.5	0	0	2	5.9
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	1	19.1	1	12.4	0	0	1	19.1	1	12.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		1		4		3		1		4	
Crude rate		0.4		0.1		0.3		0.4		0.1		0.3
Risk 0-74 yrs		1 in 1251				1 in 2557		1 in 1153				1 in 2407
ASR#		0.6		0.1		0.4		0.6		0.1		0.3
CI [^]		(0 - 1.2)		(0 - 0.3)		(0 - 0.7)		(0 - 1.2)		(0 - 0.3)		(0 - 0.7)
% all cancers						0.1						0.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 30: Cancer of the thymus, heart and mediastinum (ICD-9 code 164) Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	1	3.8	0	0	1	2.0	0	0	1	4.1	1	2.0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	1		0		1		1		0		1	
Crude rate		0.2				0.1				0.2		0.1
Risk 0-74 yrs		1 in 5287				1 in 10147				1 in 4861		1 in 10147
ASR#		0.2				0.1				0.2		0.1
CI^		(0 - 0.6)				(0 - 0.3)				(0 - 0.6)		(0 - 0.3)
% all cancers						0.0						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8	0	0	1	0.9	1	1.8	0	0	1	0.9
5-9	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
15-19	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
25-29	1	1.6	0	0	1	0.8	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.8
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	0	0	0	0	0	0	1	3.1	0	0	1	1.6
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	1	4.9	1	2.5	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	1	10.2	0	0	1	4.5	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	5		1		6		3		0		3	
Crude rate		0.7		0.1		0.4		0.4				0.2
Risk 0-74 yrs		1 in 1141		1 in 4073		1 in 1890		1 in 3071				1 in 6044
ASR#		0.8		0.2		0.5		0.5				0.2
CI^		(0.1 - 1.5)		(0 - 0.6)		(0.1 - 0.9)		(0 - 1.0)				(0 - 0.5)
% all cancers						0.2						0.2

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 31: Cancer of bone and articular cartilage (ICD-9 code 170)

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	2	3.4	2	1.7	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	1	1.7	1	1.8	2	1.8	1	1.7	0	0	1	0.9
25-29	0	0	1	1.8	1	0.9	0	0	0	0	0	0
30-34	3	5.2	0	0	3	2.6	1	1.7	0	0	1	0.9
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	1	4.6	1	2.2	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	4		6		10		2		0		2	
Crude rate		0.6		0.9		0.8		0.3				0.2
Risk 0-74 yrs		1 in 2871		1 in 938		1 in 1357		1 in 5742				1 in 11556
ASR#		0.5		1.0		0.7		0.2				0.1
CI^		(0 - 0.9)		(0.2 - 1.8)		(0.3 - 1.2)		(0 - 0.6)				(0 - 0.3)
% all cancers						0.4						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	0	0	0	0	0	0	0	0	0	0
5-9	2	3.5	1	1.8	3	2.7	0	0	0	0	0	0
10-14	2	3.4	0	0	2	1.7	0	0	1	1.8	1	0.9
15-19	2	3.0	1	1.5	3	2.3	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	1	1.5	1	0.8
25-29	0	0	0	0	0	0	0	0	0	0	0	0
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	1	1.7	1	0.8	0	0	0	0	0	0
45-49	0	0	1	2.4	1	1.2	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	1	4.9	0	0	1	2.5	0	0	1	4.9	1	2.5
65-69	1	6.2	0	0	1	2.9	1	6.2	0	0	1	2.9
70-74	1	10.2	0	0	1	4.5	0	0	1	7.9	1	4.5
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	11		4		15		1		4		5	
Crude rate		1.6		0.6		1.1		0.1		0.6		0.4
Risk 0-74 yrs		1 in 580		1 in 2714		1 in 994		1 in 3205		1 in 1243		1 in 1745
ASR#		1.7		0.6		1.1		0.2		0.6		0.4
CI^		(0.7 - 2.7)		(0 - 1.1)		(0.5 - 1.7)		(0 - 0.6)		(0 - 1.3)		(0 - 0.8)
% all cancers						0.5						0.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 32: Cancer of connective and other soft tissue (ICD-9 code 171)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	2	3.7	1	1.9	3	2.9	2	3.7	0	0	2	1.9
5-9	2	3.6	1	1.9	3	2.7	1	1.8	0	0	1	0.9
10-14	1	1.6	0	0	1	0.8	0	0	0	0	0	0
15-19	1	1.7	0	0	1	0.9	0	0	0	0	0	0
20-24	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
30-34	1	1.7	0	0	1	0.9	0	0	0	0	0	0
35-39	2	3.4	1	1.7	3	2.5	0	0	1	1.7	1	0.8
40-44	1	2.3	1	2.3	2	2.3	1	2.3	2	4.6	3	3.4
45-49	2	5.9	0	0	2	3.1	1	3.0	0	0	1	1.5
50-54	2	7.6	0	0	2	3.9	0	0	1	4.1	1	2.0
55-59	0	0	1	4.6	1	2.2	0	0	1	4.6	1	2.2
60-64	1	5.5	3	15.7	4	10.7	0	0	0	0	0	0
65-69	3	26.6	1	7.6	4	16.3	1	8.9	3	22.7	4	16.3
70-74	2	26.4	1	9.8	3	16.9	2	26.4	0	0	2	11.3
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	2	53.1	2	34.8	0	0	1	26.5	1	17.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	20		12		32		8		9		17	
Crude rate		3.2		1.9		2.5		1.3		1.4		1.4
Risk 0-74 yrs		1 in 223		1 in 441		1 in 303		1 in 435		1 in 531		1 in 496
ASR#		3.8		2.2		3.0		1.6		1.6		1.7
CI [^]		(2.1 - 5.6)		(0.9 - 3.4)		(1.9 - 4.1)		(0.5 - 3.0)		(0.5 - 2.7)		(0.9 - 2.5)
% all cancers						1.2						1.4

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	2	3.7	2	1.8	0	0	0	0	0	0
5-9	1	1.8	0	0	1	0.9	0	0	0	0	0	0
10-14	1	1.7	0	0	1	0.8	1	1.7	0	0	1	0.9
15-19	0	0	1	1.5	1	0.8	0	0	0	0	0	0
20-24	2	3.0	0	0	2	1.5	1	1.5	0	0	1	0.8
25-29	1	1.6	0	0	1	0.8	1	1.6	0	0	1	0.8
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	1	1.7	1	1.6	2	1.6	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	2	6.2	0	0	2	3.2	1	3.1	0	0	1	1.6
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	1	4.9	1	4.9	2	4.9	0	0	0	0	0	0
65-69	2	12.5	1	5.5	3	8.8	0	0	0	0	0	0
70-74	0	0	0	0	0	0	1	10.2	0	0	1	4.5
75-79	2	33.6	0	0	2	13.4	1	16.8	0	0	1	6.7
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	1	26.5	1	19.2
Total	15		6		21		6		1		7	
Crude rate		2.1		0.9		1.5		0.9		0.1		0.5
Risk 0-74 yrs		1 in 539		1 in 1158		1 in 738		1 in 1103				1 in 2360
ASR#		2.3		1.0		1.6		0.9		0.1		0.5
CI [^]		(0.1 - 3.4)		(0.2 - 1.9)		(0.9 - 2.3)		(0.2 - 1.7)		(0 - 0.4)		(0.1 - 0.9)
% all cancers						0.6						0.5

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 33: Cancer of the skin - melanoma (ICD-9 code 172)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1	1.7	1	1.8	2	1.8	0	0	0	0	0	0
20-24	9	15.7	11	19.4	20	17.5	0	0	0	0	0	0
25-29	11	19.7	18	31.5	29	25.7	1	1.8	0	0	1	0.9
30-34	13	22.7	26	43.7	39	33.4	1	1.7	2	3.4	3	2.6
35-39	27	45.2	25	42.4	52	43.8	2	3.4	3	5.1	5	4.2
40-44	24	54.3	14	32.2	38	43.4	4	9.1	0	0	4	4.6
45-49	21	62.2	20	62.8	41	62.5	4	11.8	1	3.1	5	7.6
50-54	16	60.5	18	74.1	34	67.0	1	3.8	2	8.2	3	5.9
55-59	21	91.2	12	55.0	33	73.6	4	17.4	0	0	4	8.9
60-64	21	115.0	12	62.6	33	88.2	3	16.4	0	0	3	8.0
65-69	8	70.9	5	37.8	13	53.1	1	8.9	3	22.7	4	16.3
70-74	7	92.5	2	19.7	9	50.8	2	26.4	3	29.5	5	28.2
75-79	0	0	2	31.0	2	18.9	0	0	0	0	0	0
80-84	1	50.4	2	53.1	3	52.2	0	0	0	0	0	0
85+	1	109.4	0	0	1	26.6	1	109.4	0	0	1	26.6
Total	181		168		349		24		14		38	
Crude rate		28.7		26.7		27.7		3.8		2.2		3.0
Risk 0-74 yrs		1 in 31		1 in 42		1 in 36		1 in 199		1 in 278		1 in 230
% all cancers						12.8						3.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	4	5.9	4	6.1	8	6.0	0	0	1	1.5	1	0.8
20-24	2	3.0	12	18.0	14	11.0	0	0	0	0	0	0
25-29	11	18.0	19	31.0	30	24.0	0	0	2	3.2	2	1.6
30-34	12	20.0	12	19.0	24	20.0	3	4.9	0	0	3	2.4
35-39	20	33.0	17	27.0	37	30.0	2	3.3	1	1.6	3	2.5
40-44	22	37.0	24	40.0	46	38.0	3	5.0	4	6.7	7	5.8
45-49	22	50.0	17	40.0	39	45.0	4	9.0	5	11.8	9	10.4
50-54	22	67.6	19	62.1	41	65.0	1	3.1	0	0	1	1.6
55-59	17	69.0	17	74.5	34	71.7	5	20.3	1	4.4	6	12.7
60-64	13	63.4	11	54.0	24	58.7	6	29.2	2	9.8	8	19.6
65-69	21	131.1	6	33.2	27	79.2	7	43.7	0	0	7	20.5
70-74	17	174.1	10	78.9	27	120.3	3	30.7	1	7.9	4	17.8
75-79	12	201.6	5	55.5	17	113.6	1	16.8	1	11.1	2	13.4
80-84	7	244.5	1	19.1	8	98.8	1	34.9	1	19.1	2	24.7
85+	2	139.1	3	79.6	5	96.0	0	0	0	0	0	0
Total	204		177		381		36		19		55	
Crude rate		28.9		25.0		26.9		5.1		2.7		3.9
Risk 0-74 yrs		1 in 30		1 in 42		1 in 36		1 in 135		1 in 427		1 in 210
% all cancers						11.4						3.8

Note: Rates are expressed per 100,000 population.

Cancer of the skin - melanoma (ICD-9 code 172)

Figure 11: Age-specific incidence

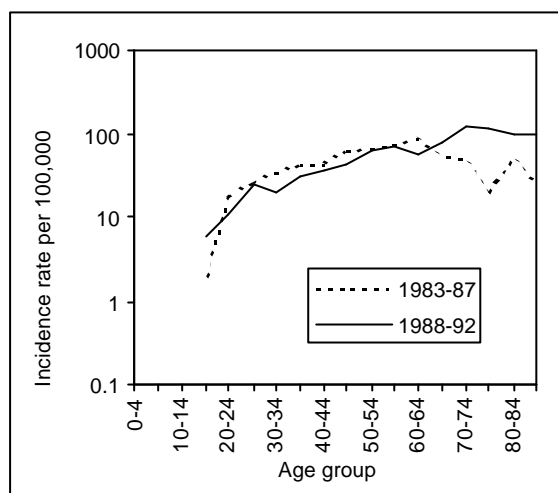
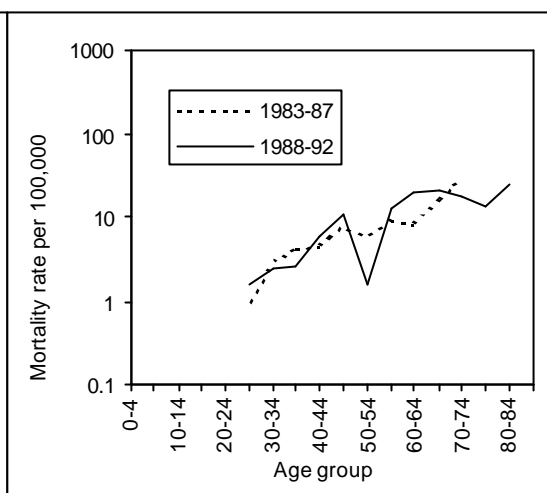


Figure 12: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- One of the most notable features of melanoma of the skin is the relatively high incidence compared to deaths from this cancer, in the period 1988-1992 the respective crude rates were 27 and 4 per 100,000 persons. Melanoma of the skin also differs in that its prevalence is comparatively high in the younger age groups. In the period 1988-1992 there were eight reported cases in the 15-19 years age group. For males and females in both study periods the incidence of melanoma was among the top three most common cancers. The sex ratio in this period was 115 males to 100 females.
- There were 55 deaths in the period 1988-1992 compared to 38 deaths in 1983-1987, and during this period the rate increased from 3 to 4 per 100,000 persons. The mortality sex ratio, 190 males per 100 females, was substantially higher than the incidence sex ratio. This may reflect the fact that men often delay treatment of melanoma of the skin until the condition is life threatening (Jelfs:1994).
- The age-standardised incidence rate of melanoma was remarkably consistent for the ACT, NSW and Australia. There was more variation in the age-standardised mortality rates but this could be due, in part, to fluctuating small numbers in the ACT.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males	30.1 (25.5 - 34.7)	30.6 (26.2 - 34.9)	31.2 (29.4 - 33.2)	30.9 (29.8 - 32.0)
Females	25.6 (21.6 - 29.6)	24.0 (20.3 - 27.6)	24.3 (22.7 - 26.0)	24.9 (24.0 - 25.9)
Persons	27.6 (24.6 - 30.6)	26.7 (23.9 - 29.4)		27.6 (26.9 - 28.3)
Age-standardised mortality rates				
Males	4.6 (2.6 - 6.6)	5.7 (3.8 - 7.7)	5.7 (4.9 - 6.6)	5.0 (4.5 - 5.4)
Females	2.4 (1.1 - 3.7)	2.5 (1.4 - 3.7)	2.1 (1.7 - 2.7)	2.6 (2.3 - 2.9)
Persons	3.4 (2.3 - 4.5)	4.1 (3.0 - 5.2)		3.7 (3.5 - 4.0)

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population

Table 34: Cancer of the female breast (ICD-9 code 174)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			1	1.8					0	0		
25-29			3	5.3					0	0		
30-34			13	21.9					4	6.7		
35-39			35	59.4					8	13.6		
40-44			38	87.4					8	18.4		
45-49			46	144.5					13	40.8		
50-54			53	218.1					11	45.3		
55-59			35	160.5					18	82.6		
60-64			40	208.8					16	83.5		
65-69			26	196.7					8	60.5		
70-74			28	275.5					12	118.1		
75-79			20	310.0					12	186.0		
80-84			8	212.3					7	185.7		
85+			12	421.6					6	210.8		
Total			358						123			
Crude rate				56.8						19.5		
Risk 0-74 yrs				1 in 15						1 in 43		
% female cancers				25.8						21.3		

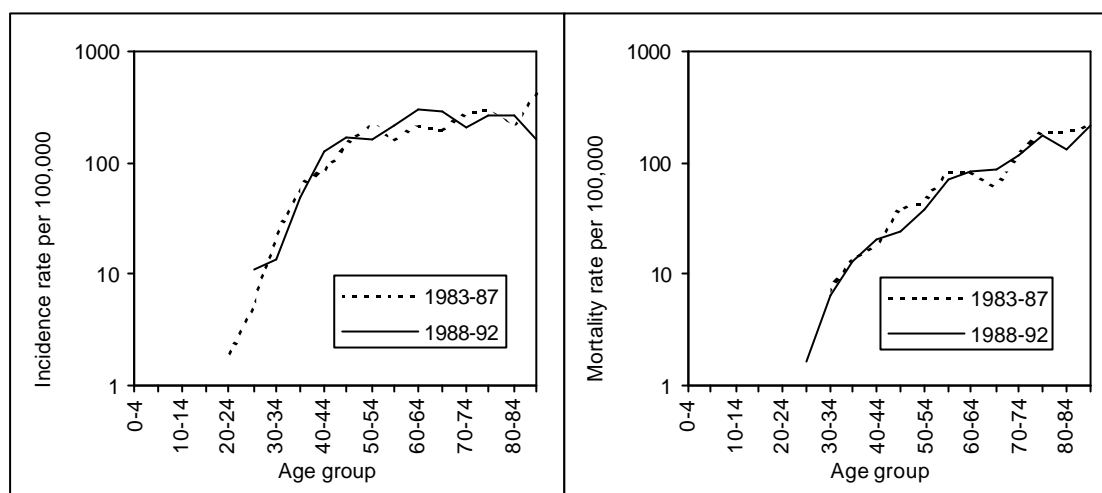
1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			7	11.0					1	1.6		
30-34			8	13.0					4	6.5		
35-39			30	48.0					8	12.9		
40-44			76	128.0					12	20.1		
45-49			72	169.0					10	23.5		
50-54			50	163.5					12	39.2		
55-59			51	223.6					16	70.2		
60-64			61	299.6					17	83.5		
65-69			53	293.2					16	88.5		
70-74			26	205.2					15	118.4		
75-79			24	266.4					16	177.6		
80-84			14	267.5					7	133.8		
85+			6	159.2					8	212.3		
Total			478						142			
Crude rate				67.6						20.1		
Risk 0-74 yrs				1 in 13						1 in 44		
% female cancers				29.6						21.7		

Note: Rates are expressed per 100,000 population.

Cancer of the female breast (ICD-9 code 174)

Figure 13: Age-specific incidence

Figure 14: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- The incidence of cancer of the female breast was higher in the period 1988-92 compared to the period 1983-87 (478 cases and 358 cases respectively). Characteristics common to both periods was the early onset and relatively high incidence in the middle age groups, and the plateauing out in the older age groups. There is evidence that the increase in diagnosed cases, particularly in the 50-69 year olds, may be due to the early detection of cancers by mammography. In 1994 stage one breast cancers had a five-year survival of about 90 percent, and the overall five-year survival was 70 per cent (South Australian Health Commission:1994). The crude incidence rate rose from 57 to 68 per 100,000 females during the study period, and the lifetime risk increased from 1 in 15 to 1 in 13.
- 123 women died from breast cancer in the period 1983-1987, and 142 died in the period 1988-1992. However, unlike the crude incidence rate the crude mortality rate was similar for both periods at 20 per 100,000 females, indicating that the additional deaths were mainly due to the gradual ageing and growth of the female population rather than an increase in the disease. The lifetime risk that a woman may die from breast cancer was 1 in 44 in 1988-1992.
- The ACT has a higher age-standardised incidence rate of breast cancer, but has very similar age-standardised mortality rates to the rest of Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males				
Females	62.7 (56.1 - 69.4)	69.2 (62.8 - 75.6)	64.6 (62.0 - 67.4)	65.5 (63.9 - 67.1)
Persons				
Age-standardised mortality rates				
Males				
Females	21.7 (17.8 - 25.6)	20.5 (17.1 - 24.0)	20.9 (19.4 - 22.4)	20.4 (19.5 - 21.3)
Persons				

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population

Table 35: Cancer of the male breast (ICD-9 code 175)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	0	0					0	0				
20-24	0	0					0	0				
25-29	0	0					0	0				
30-34	0	0					0	0				
35-39	0	0					0	0				
40-44	0	0					0	0				
45-49	0	0					0	0				
50-54	0	0					0	0				
55-59	1	4.3					0	0				
60-64	1	5.5					1	5.5				
65-69	0	0					0	0				
70-74	0	0					0	0				
75-79	0	0					0	0				
80-84	0	0					0	0				
85+	0	0					0	0				
Total	2						1					
Crude rate		0.3						0.2				
Risk 0-74 yrs	1	in 2037					1	in 3653				
ASR#		0.4						0.2				
CI [^]		(0 - 0.9)						(0 - 0.7)				
% male cancers		0.1						0.1				

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	0	0					0	0				
20-24	0	0					0	0				
25-29	0	0					0	0				
30-34	0	0					0	0				
35-39	0	0					0	0				
40-44	1	1.7					0	0				
45-49	0	0					0	0				
50-54	0	0					0	0				
55-59	0	0					0	0				
60-64	1	4.9					1	4.9				
65-69	0	0					0	0				
70-74	0	0					0	0				
75-79	0	0					0	0				
80-84	1	34.9					0	0				
85+	0	0					0	0				
Total	3						1					
CR		0.4						0.1				
Risk	1	in 3061					1	in 4104				
ASR#		0.5						0.2				
CI [^]		(0 - 1.0)						(0 - 0.6)				
% male cancers		0.2						0.1				

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 36: Cancer of the uterus, part unspecified (ICD-9 code 179)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			1	1.9					1	1.9		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			0	0					0	0		
30-34			0	0					0	0		
35-39			1	1.7					0	0		
40-44			0	0					0	0		
45-49			0	0					0	0		
50-54			1	4.1					0	0		
55-59			0	0					0	0		
60-64			0	0					0	0		
65-69			2	15.1					1	7.6		
70-74			1	9.8					0	0		
75-79			0	0					0	0		
80-84			1	26.5					0	0		
85+			1	35.1					0	0		
Total			8						2			
Crude rate				1.3						0.3		
Risk 0-74 yrs				1 in 613						1 in 2125		
ASR#				1.5						0.4		
CI^				(0.4 - 2.5)						(0 - 1.0)		
% female cancers				0.6						0.3		

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0								
5-9			0	0								
10-14			0	0								
15-19			0	0								
20-24			0	0								
25-29			0	0								
30-34			0	0								
35-39			0	0								
40-44			1	1.7								
45-49			0	0								
50-54			1	3.3								
55-59			0	0								
60-64			1	4.9								
65-69			1	5.5								
70-74			0	0								
75-79			1	11.1								
80-84			0	0								
85+			0	0								
Total			5						No deaths occurred during this period			
Crude rate				0.7								
Risk 0-74 yrs				1 in 1300								
ASR#				0.7								
CI^				(0.1 - 1.4)								
% female cancers				0.3								

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 37: Cancer of the cervix uteri (ICD-9 code 180)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			1	1.8					0	0		
25-29			6	10.5					1	1.8		
30-34			6	10.1					0	0		
35-39			9	15.3					1	1.7		
40-44			4	9.2					0	0		
45-49			7	22.0					2	6.3		
50-54			6	24.7					1	4.1		
55-59			5	22.9					1	4.6		
60-64			5	26.1					1	5.2		
65-69			4	30.3					2	15.1		
70-74			4	39.4					0	0		
75-79			0	0					3	46.5		
80-84			0	0					1	26.5		
85+			1	35.1					1	35.1		
Total			58						14			
Crude rate				9.2						2.2		
Risk 0-74 yrs				1 in 95						1 in 516		
% female cancers				4.2						2.4		

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			2	3.2					0	0		
30-34			13	21.0					0	0		
35-39			6	9.6					0	0		
40-44			8	13.0					3	5.0		
45-49			9	21.0					2	4.7		
50-54			10	32.7					2	6.5		
55-59			5	21.9					6	26.3		
60-64			3	14.7					2	9.8		
65-69			13	71.9					0	0		
70-74			3	23.7					2	15.8		
75-79			2	22.2					1	11.1		
80-84			2	38.2					1	19.1		
85+			0	0					0	0		
Total			76						19			
Crude rate				10.8						2.7		
Risk 0-74 yrs				1 in 86						1 in 294		
% female cancers				4.7						2.9		

Note: Rates expressed per 100,000 population.

Cancer of the cervix uteri (ICD-9 code 180)

Figure 15: Age-specific incidence

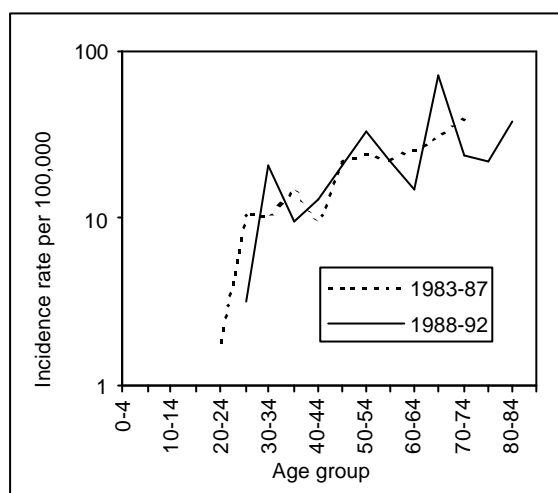
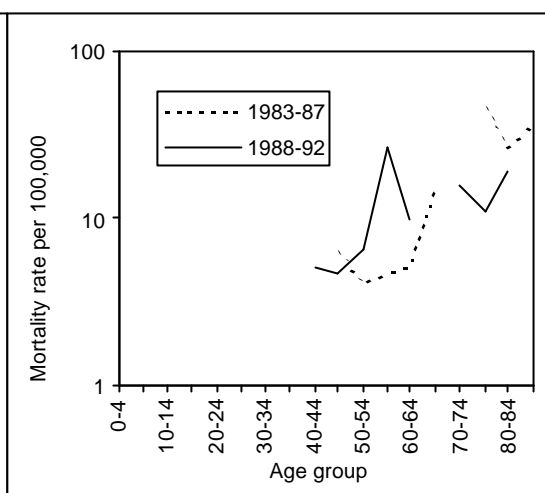


Figure 16: Age-specific mortality(a)



Note: a log scale has been used to clarify presentation in the younger age groups.

(a) No deaths occurred in the 70-74 years age group in 1983-1987, and 65-69 years age group in 1988-1992.

- Cancer of the cervix uteri was the fifth most common incidence of cancer in 1988-1992. The incidence of this cancer rose from 58 cases in 1983-1987 to 76 cases in 1988-1992, representing an increase in the rate from 9 to 11 per 100,000 females. The increase may be the result of greater participation in screening leading to earlier detection - it is estimated that 90 per cent of cases of cervical cancer are preventable with biennial screening (Jelfs:1995;1). As with most cancers, the risk of cancer of the cervix increases significantly with age, but recent studies also indicate rising incidence in younger women (Jelfs:1995;6). Between the two study periods the lifetime risk of the incidence increased from 1 in 95 to 1 in 86.
- Mortality from cancer of the cervix is relatively low compared with its incidence. 14 women died in the period 1983-1987 and 19 from 1988-1992. The rates were similar (2 and 3 per 100,000 females respectively) over the ten year period, but the risk rose from a lifetime risk of 1 in 516 to 1 in 294. This was due in part to an increase in deaths in the relatively younger age group 55-59 years (six deaths in 1988-1992).
- The age-standardised incidence and mortality rates for the ACT were very similar to those of NSW and Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males				
Females	9.4 (6.9 - 12.0)	10.3 (7.9 - 12.7)	10.1 (9.1 - 11.2)	10.2 (9.6 - 10.8)
Persons				
Age-standardised mortality rates				
Males				
Females	2.4 (1.1 - 3.8)	2.9 (1.6 - 4.2)	2.9 (2.4 - 3.5)	3.0 (2.7 - 3.4)
Persons				

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population

Table 38: Cancer of the placenta (ICD-9 code 181)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0								
5-9			0	0								
10-14			0	0								
15-19			0	0								
20-24			0	0								
25-29			1	1.8								
30-34			0	0								
35-39			0	0								
40-44			0	0								
45-49			0	0								
50-54			0	0								
55-59			0	0								
60-64			0	0								
65-69			0	0								
70-74			0	0								
75-79			0	0								
80-84			0	0								
85+			0	0								
Total			1						No deaths occurred during this period			
Crude rate				0.2								
Risk 0-74 yrs				1 in 11413								
ASR#				0.1								
CI^				(0 - 0.4)								
% all cancers				0								

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0								
5-9			0	0								
10-14			0	0								
15-19			1	1.5								
20-24			0	0								
25-29			0	0								
30-34			0	0								
35-39			0	0								
40-44			0	0								
45-49			0	0								
50-54			0	0								
55-59			0	0								
60-64			0	0								
65-69			0	0								
70-74			0	0								
75-79			0	0								
80-84			0	0								
85+			0	0								
Total			1						No deaths occurred during this period			
Crude rate				0.1								
Risk 0-74 yrs				1 in 13187								
ASR#				0.1								
CI^				(0 - 0.4)								
% all cancers				0								

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 39: Cancer of the corpus uteri (ICD-9 code 182)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			0	0					0	0		
30-34			0	0					0	0		
35-39			2	3.4					0	0		
40-44			2	4.6					0	0		
45-49			2	6.3					0	0		
50-54			8	32.9					0	0		
55-59			9	41.3					2	9.2		
60-64			3	15.7					1	5.2		
65-69			3	22.7					0	0		
70-74			8	78.7					0	0		
75-79			1	15.5					2	31.0		
80-84			0	0					1	26.5		
85+			1	35.1					0	0		
Total			39						6			
Crude rate				6.2						1.0		
Risk 0-74 yrs				1 in 98						1 in 1390		
ASR#				7.4						1.0		
CI^				(5.0 - 9.7)						(0.2 - 1.8)		
% female cancers				2.8						1.0		

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			1	1.6					0	0		
30-34			0	0					0	0		
35-39			0	0					0	0		
40-44			1	1.7					0	0		
45-49			5	12.0					0	0		
50-54			6	19.6					0	0		
55-59			8	35.1					1	4.4		
60-64			9	44.2					1	4.9		
65-69			7	38.7					0	0		
70-74			4	31.6					2	15.8		
75-79			3	33.3					1	11.1		
80-84			0	0					1	19.1		
85+			2	53.1					1	26.5		
Total			46						7			
Crude rate				6.5						1.0		
Risk 0-74 yrs				1 in 109						1 in 798		
ASR#				7.5						1.0		
CI^				(5.3 - 9.7)						(0.3 - 1.8)		
% female cancers				2.9						1.1		

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 40: Cancer of the ovary and other uterine adnexa (ICD-9 code 183)

		Australian Capital Territory										
1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			1	1.7					0	0		
15-19			0	0					0	0		
20-24			1	1.8					0	0		
25-29			3	5.3					0	0		
30-34			3	5.0					1	1.7		
35-39			1	1.7					0	0		
40-44			0	0					0	0		
45-49			0	0					2	6.3		
50-54			5	20.6					2	8.2		
55-59			9	41.3					8	36.7		
60-64			11	57.4					10	52.2		
65-69			8	60.5					10	75.7		
70-74			4	39.4					3	29.5		
75-79			2	31.0					3	46.5		
80-84			1	26.5					0	0		
85+			3	105.4					2	70.3		
Total			52						41			
Crude rate				8.3						6.5		
Risk 0-74 yrs				1 in 86						1 in 96		
% female cancers				3.8						7.1		

		Incidence						Mortality					
1988-1992	Males		Females		Persons		Males		Females		Persons		
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate	
	0-4			0	0					0	0		
5-9			0	0					0	0			
10-14			0	0					0	0			
15-19			1	1.5					0	0			
20-24			0	0					0	0			
25-29			0	0					0	0			
30-34			5	8.1					0	0			
35-39			1	1.6					1	1.6			
40-44			7	12.0					3	5.0			
45-49			8	19.0					3	7.1			
50-54			6	19.6					2	6.5			
55-59			5	21.9					4	17.5			
60-64			7	34.4					1	4.9			
65-69			10	55.3					10	55.3			
70-74			1	7.9					3	23.7			
75-79			7	77.7					4	44.4			
80-84			3	57.3					3	57.3			
85+			0	0					1	26.5			
Total			61						35				
Crude rate				8.6						5.0			
Risk 0-74 yrs				1 in 111						1 in 165			
% female cancers				3.8						5.3			

Note: Rates expressed per 100,000 population.

Cancer of the ovary and other uterine adnexa (ICD-9 code 183)

Figure 17: Age-specific incidence

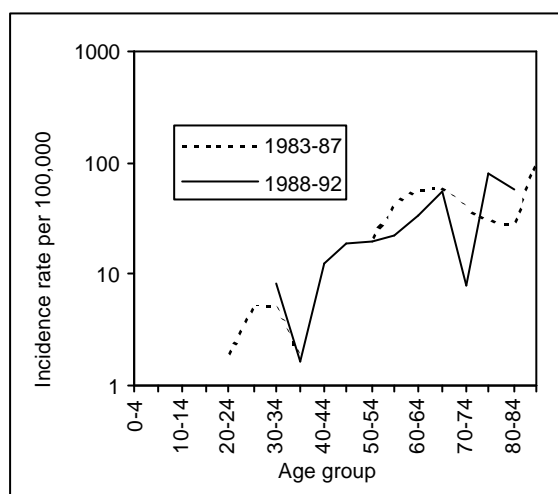
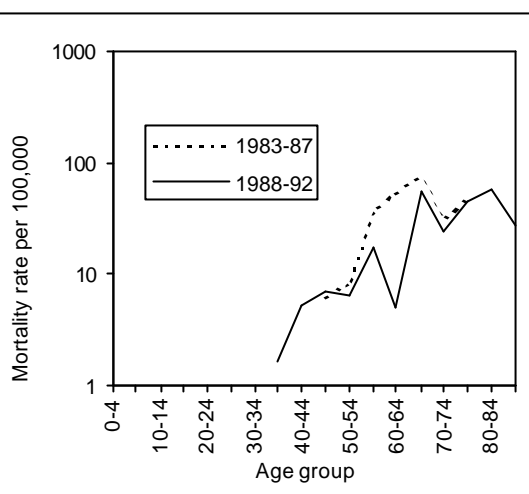


Figure 18: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- Cancer of the ovary and other uterine adnexa was the eighth most common cancer in both 1983-1987 (52 cases) and 1988-1992 (61 cases). The crude incidence rate was similar in both periods, and the lifetime risk decreased marginally from 1 in 86 to 1 in 111.
- In contrast to cancer of the cervix uteri the relationship between the incidence and mortality of this cancer was much closer, the lifetime incidence risk being one in 111 and the lifetime mortality risk one in 165. Cancer of the ovary and other uterine adnexa was the fifth most common cause of cancer death in 1988-1992, and the crude rate decreased during the ten year period from 7 to 5 per 100,000 females. The lifetime risk decreased substantially between the two periods from one in 96 to one in 165.
- The age-standardised incidence rate for ACT was similar to NSW and Australia, but the age-standardised mortality rate was significantly lower than Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males				
Females	9.7 (7.0 - 12.3)	8.7 (6.4 - 10.9)	7.7 (6.8 - 8.6)	8.7 (8.1 - 9.3)
Persons				
Age-standardised mortality rates				
Males				
Females	8.1 (5.6 - 10.6)	5.0 (3.3 - 6.8)	5.3 (4.6 - 6.0)	6.0 (5.6 - 6.5)
Persons				

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population

The Pap Smear Register

The register is a central and confidential list of ACT women's Pap smear results. Pap smears are recommended every two years for women aged between 18 years and 70 years who have ever been sexually active. The Pap smear register does not offer a service for taking Pap smears, it simply records the results and sends reminders for overdue Pap smears.

Inclusion on the register is on a voluntary basis.

For more information about the

Pap Smear Register

please phone (06) 205 1545

Table 41: Cancer of the other and unspecified female genital organs (ICD-9 code 184)

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			0	0					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			0	0					0	0		
30-34			0	0					0	0		
35-39			0	0					0	0		
40-44			0	0					0	0		
45-49			1	3.1					0	0		
50-54			0	0					0	0		
55-59			0	0					0	0		
60-64			1	5.2					0	0		
65-69			0	0					0	0		
70-74			2	19.7					0	0		
75-79			1	15.5					0	0		
80-84			0	0					0	0		
85+			1	35.1					1	35.1		
Total			6						1			
Crude rate				1.0						0.2		
Risk 0-74 yrs				1 in 714								
ASR#				1.1						0.2		
CI^				(0.2 - 2.0)						(0 - 0.5)		
% female cancers				0.4						0.2		

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4			1	1.9					0	0		
5-9			0	0					0	0		
10-14			0	0					0	0		
15-19			0	0					0	0		
20-24			0	0					0	0		
25-29			0	0					0	0		
30-34			0	0					0	0		
35-39			1	1.6					0	0		
40-44			1	1.7					0	0		
45-49			1	2.4					0	0		
50-54			1	3.3					0	0		
55-59			0	0					0	0		
60-64			1	4.9					0	0		
65-69			0	0					0	0		
70-74			3	23.7					0	0		
75-79			1	11.1					1	11.1		
80-84			1	19.1					0	0		
85+			0	0					0	0		
Total			11						1			
Crude rate				1.6						0.1		
Risk 0-74 yrs				1 in 509								
ASR#				1.6						0.1		
CI^				(0.6 - 2.6)						(0 - 0.3)		
% female cancers				0.7						0.2		

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 42: Cancer of the prostate (ICD-9 code 185)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	0	0					0	0				
20-24	0	0					0	0				
25-29	0	0					0	0				
30-34	0	0					0	0				
35-39	0	0					0	0				
40-44	0	0					0	0				
45-49	0	0					1	3.0				
50-54	4	15.1					2	7.6				
55-59	9	39.1					9	39.1				
60-64	14	76.7					5	27.4				
65-69	21	186.1					9	79.7				
70-74	22	290.5					9	118.9				
75-79	16	389.5					7	170.4				
80-84	16	806.5					4	201.6				
85+	12	1313					8	875.3				
Total	114						54					
Crude rate		18.1						8.6				
Risk 0-74 yrs		1 in 33						1 in 73				
% male cancers		8.5						8.6				

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	1	1.5					1	1.5				
20-24	0	0					0	0				
25-29	0	0					0	0				
30-34	0	0					0	0				
35-39	0	0					0	0				
40-44	1	1.7					0	0				
45-49	4	9.0					2	4.5				
50-54	3	9.2					1	3.1				
55-59	15	60.9					2	8.1				
60-64	32	156.0					9	43.9				
65-69	51	318.3					8	49.9				
70-74	50	512.2					18	184.4				
75-79	46	772.7					14	235.2				
80-84	30	1048					14	489				
85+	21	1460					16	1113				
Total	254						85					
Crude rate		35.9						12.0				
Risk 0-74 yrs		1 in 19						1 in 68				
% male cancers		14.8						10.8				

Note: Rates expressed per 100,000 population.

Cancer of the prostate (ICD-9 code 185)

Figure 19: Age-specific incidence

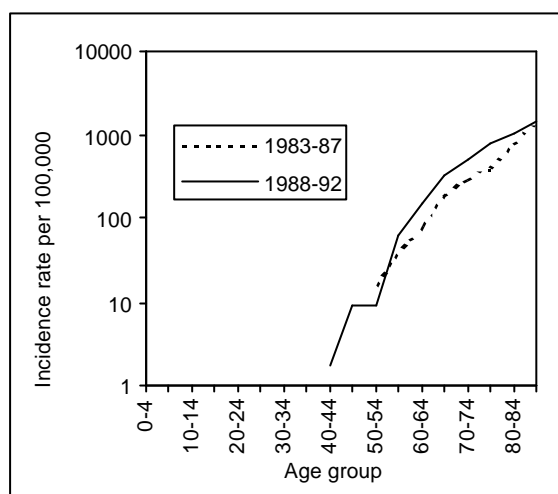
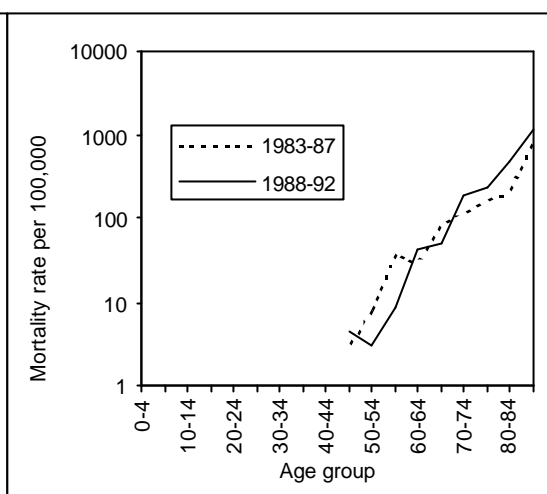


Figure 20: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger the groups.

- Cancer of the prostate rose from fourth to the most common cancer in men between 1983-1987 and 1988-1992. This increase is due in part to increased use of screening tests which has resulted in earlier diagnosis of clinically silent cancers. This hypothesis is supported by the fact that more cases were detected in younger age groups in the latter period. Although there is evidence that earlier diagnosis has resulted in increased five year case-survival rates (from 57% to 68% over the period 1977-1992), it has also been suggested that increased investigation has disclosed cancers that may otherwise have been diagnosed as benign hyperplasia (SA Health Commission:1994;22). The crude rate increased from 18 to 36 per 100,000 males, and at the same time the lifetime risk rose from 1 in 33 to 1 in 19.
- In both periods cancer of the prostate was the second most common cause of cancer death in men (54 deaths in 1983-1987 and 85 in 1988-1992). The rate increased from 9 to 12 per 100,000 males, and at the same time the lifetime risk rose from 1 in 73 to 1 in 68. Contributing to these higher indicators was the ageing ACT population, and subsequently a greater proportion of males moving into the high risk age groups for this particular cancer.
- Between the two study periods the age-standardised mortality rate increased significantly in the ACT. The age-standardised incidence and mortality rates for the period 1988-1992 were similar in the ACT to NSW and Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
	Age-standardised incidence rates			
Males	31.3 (25.2 - 37.4)	50.0 (43.6 - 56.3)	50.6 (48.4 - 52.9)	50.4 (49.0 - 51.7)
Females				
Persons				
	Age-standardised mortality rates			
Males	15.1 (10.7 - 19.4)	18.2 (14.1 - 22.2)	19.9 (18.5 - 21.3)	17.8 (17.0 - 18.6)
Females				
Persons				

Note: Rates are expressed per 100,000 population and age-standardised to the World Standard Population

Table 43: Cancer of the testis (ICD-9 code 186)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	2	3.5					0	0				
20-24	5	8.7					1	1.7				
25-29	8	14.3					0	0				
30-34	6	10.5					0	0				
35-39	2	3.4					0	0				
40-44	2	4.5					0	0				
45-49	0	0					0	0				
50-54	1	3.8					0	0				
55-59	1	4.3					0	0				
60-64	2	11.0					0	0				
65-69	0	0					1	8.9				
70-74	1	13.2					0	0				
75-79	0	0					0	0				
80-84	0	0					0	0				
85+	0	0					0	0				
Total	30						2					
Crude rate		4.8						0.3				
Risk 0-74 yrs		1 in 260						1 in 1887				
ASR#		4.3						0.4				
CI [^]		(2.7 - 5.9)						(0 - 1.0)				
% male cancers		2.2						0.3				

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8										
5-9	0	0										
10-14	0	0										
15-19	3	4.5										
20-24	0	0										
25-29	8	13.0										
30-34	4	6.6										
35-39	6	9.9										
40-44	4	6.6										
45-49	1	2.3										
50-54	2	6.2										
55-59	0	0										
60-64	0	0										
65-69	0	0										
70-74	0	0										
75-79	0	0										
80-84	0	0										
85+	0	0										
Total	29											
Crude rate		4.1										
Risk 0-74 yrs		1 in 396										
ASR#		3.5										
CI [^]		(2.2 - 4.8)										
% male cancers		1.7										

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

**Table 44: Cancer of the penis and other male genital organs
(ICD-9 code 187)**

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0										
5-9	0	0										
10-14	0	0										
15-19	0	0										
20-24	0	0										
25-29	0	0										
30-34	0	0										
35-39	0	0										
40-44	0	0										
45-49	0	0										
50-54	1	3.8										
55-59	1	4.3										
60-64	0	0										
65-69	0	0										
70-74	0	0										
75-79	0	0										
80-84	0	0										
85+	0	0										
Total	2							No deaths occurred during this period				
Crude rate		0.3										
Risk 0-74 yrs	1	in 2461										
ASR#		0.4										
CI^		(0 - 0.9)										
% male cancers		0.1										

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0					0	0				
5-9	0	0					0	0				
10-14	0	0					0	0				
15-19	0	0					0	0				
20-24	0	0					0	0				
25-29	0	0					0	0				
30-34	0	0					0	0				
35-39	0	0					0	0				
40-44	0	0					0	0				
45-49	0	0					0	0				
50-54	0	0					0	0				
55-59	0	0					0	0				
60-64	0	0					0	0				
65-69	1	6.2					0	0				
70-74	1	10.2					0	0				
75-79	0	0					0	0				
80-84	0	0					0	0				
85+	1	69.5					1	69.5				
Total	3						1					
Crude rate		0.4						0.1				
Risk 0-74 yrs	1	in 1214										
ASR#		0.7						0.4				
CI^		(0 - 1.6)						(0 - 1.0)				
% male cancers		0.2						0.1				

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 45: Cancer of the bladder (ICD-9 code 188)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	2	3.4	2	1.7	0	0	0	0	0	0
35-39	3	5.0	1	1.7	4	3.4	0	0	0	0	0	0
40-44	0	0	1	2.3	1	1.1	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	3	11.4	1	4.1	4	7.9	1	3.8	1	4.1	2	3.9
55-59	10	43.4	1	4.6	11	24.5	2	8.7	2	9.2	4	8.9
60-64	5	27.4	5	26.1	10	26.7	3	16.4	0	0	3	8.0
65-69	11	97.5	1	7.6	12	49.0	3	26.6	0	0	3	12.2
70-74	9	118.9	2	19.7	11	62.0	6	79.2	0	0	6	33.8
75-79	8	194.7	4	62.0	12	113.6	7	170.4	2	31.0	9	85.2
80-84	7	352.8	4	106.1	11	191.2	3	151.2	1	26.5	4	69.5
85+	2	218.8	0	0	2	53.2	1	109.4	1	35.1	2	53.2
Total	58		22		80		26		7		33	
Crude rate		9.2		3.5		6.4		4.1		1.1		2.6
Risk 0-74 yrs		1 in 66		1 in 289		1 in 114		1 in 149		1 in 1506		1 in 299
ASR#		13.8		3.7		7.9		6.6		1.2		3.4
CI [^]		(10.1- 17.5)		(2.1 - 5.2)		(6.1 - 9.7)		(4.0 - 9.2)		(0.3 - 2.1)		(2.2 - 4.6)
% all cancers						2.9						2.7

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	1	1.5	0	0	1	0.8	0	0	0	0	0	0
25-29	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
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	3	5.0	0	0	3	2.5	0	0	0	0	0	0
45-49	1	2.3	0	0	1	1.2	0	0	0	0	0	0
50-54	3	9.2	1	3.3	4	6.3	1	3.1	0	0	1	1.6
55-59	2	8.1	3	13.2	5	10.5	1	4.1	2	8.8	3	6.3
60-64	10	48.7	3	14.7	13	31.8	2	9.8	2	9.8	4	9.8
65-69	7	43.7	2	11.1	9	26.4	5	31.2	1	5.5	6	17.6
70-74	9	92.2	3	23.7	12	53.5	5	51.2	1	7.9	6	26.7
75-79	7	117.6	3	33.3	10	66.8	4	67.2	2	22.2	6	40.1
80-84	3	104.8	0	0	3	37.1	1	34.9	2	38.2	3	37.1
85+	2	139.1	0	0	2	38.4	3	208.6	0	0	3	57.6
Total	48		15		63		22		10		32	
Crude rate		6.8		2.1		4.5		3.1		1.4		2.3
Risk 0-74 yrs		1 in 95		1 in 304		1 in 151		1 in 202		1 in 625		1 in 323
ASR#		8.8		2.4		5.2		4.6		1.5		2.7
CI [^]		(6.3 - 11.4)		(1.2 - 3.7)		(3.9 - 6.5)		(2.6 - 6.5)		(0.5 - 2.4)		(1.7 - 3.6)
% all cancers						1.9						2.2

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 46: Cancer of the kidney and other unspecified urinary organs (ICD-9 code 189)
Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.9	2	3.9	3	2.9	0	0	0	0	0	0
5-9	0	0	2	3.7	2	1.8	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	1	1.7	1	0.8
15-19	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
25-29	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
35-39	1	1.7	1	1.7	2	1.7	0	0	0	0	0	0
40-44	0	0	1	2.3	1	1.1	0	0	0	0	0	0
45-49	1	3.0	0	0	1	1.5	0	0	0	0	0	0
50-54	6	22.7	1	4.1	7	13.8	2	7.6	0	0	2	3.9
55-59	5	21.7	1	4.6	6	13.4	0	0	0	0	0	0
60-64	6	32.9	2	10.4	8	21.4	5	27.4	0	0	5	13.4
65-69	6	53.2	3	22.7	9	36.7	2	17.7	2	15.1	4	16.3
70-74	7	92.5	4	39.4	11	62.0	2	26.4	5	49.2	7	39.5
75-79	4	97.4	6	93.0	10	94.7	3	73.0	2	31.0	5	47.4
80-84	2	100.8	0	0	2	34.8	1	50.4	0	0	1	17.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	39		23		62		15		10		25	
Crude rate		6.2		3.7		4.9		2.4		1.6		2.0
Risk 0-74 yrs		1 in 88		1 in 216		1 in 128		1 in 253		1 in 303		1 in 271
ASR#		8.7		4.3		6.3		3.5		1.9		2.7
CI [^]		(6.0 - 11.5)		(2.5 - 6.1)		(4.7 - 7.9)		(1.7 - 5.3)		(0.7 - 3.1)		(1.6 - 3.7)
% all cancers						2.3						2.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8	1	1.9	2	1.8	0	0	0	0	0	0
5-9	1	1.8	1	1.8	2	1.8	0	0	0	0	0	0
10-14	0	0	1	1.8	1	0.9	0	0	0	0	0	0
15-19	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
25-29	0	0	1	1.6	1	0.8	0	0	0	0	0	0
30-34	1	1.6	0	0	1	0.8	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	2	3.3	0	0	2	1.7	2	3.3	1	1.7	3	2.5
45-49	5	11.0	0	0	5	5.8	3	6.8	0	0	3	3.5
50-54	4	12.3	3	9.8	7	11.1	0	0	3	9.8	3	4.8
55-59	6	24.4	1	4.4	7	14.8	3	12.2	0	0	3	6.3
60-64	7	34.1	3	14.7	10	24.5	2	9.8	3	14.7	5	12.2
65-69	14	87.4	5	27.7	19	55.7	3	18.7	2	11.1	5	14.7
70-74	10	102.4	2	15.8	12	53.5	4	41.0	1	7.9	5	22.3
75-79	6	100.8	3	33.3	9	60.2	5	84.0	0	0	5	33.4
80-84	5	174.6	2	38.2	7	86.5	2	69.9	0	0	2	24.7
85+	0	0	2	53.1	2	38.4	0	0	2	53.1	2	38.4
Total	63		25		88		24		12		36	
Crude rate		8.9		3.5		6.2		3.4		1.7		2.6
Risk 0-74 yrs		1 in 71		1 in 252		1 in 116		1 in 219		1 in 443		1 in 303
ASR#		11.0		3.9		7.2		4.1		1.9		2.9
CI [^]		(8.2 - 13.7)		(2.3 - 5.4)		(5.7 - 8.7)		(2.4 - 5.7)		(0.8 - 3.1)		(1.9 - 3.8)
% all cancers						2.6						2.5

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 47: Cancer of the eye (ICD-9 code 190)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	1	1.9	1	1.0	0	0	0	0	0	0
5-9	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	1	1.7	1	0.8
15-19	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
25-29	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
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	1	4.3	0	0	1	2.2	0	0	0	0	0	0
60-64	1	5.5	0	0	1	2.7	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	1	9.8	1	5.6
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		2		4		0		2		2	
Crude rate		0.3		0.3		0.3			0.3			0.2
Risk 0-74 yrs		1 in 2037		1 in 1700		1 in 1741			1 in 1734			1 in 3090
ASR#		0.4		0.4		0.4			0.4			0.2
CI^		(0 - 0.9)		(0 - 1.0)		(0 - 0.8)			(0 - 0.8)			(0 - 0.5)
% all cancers						0.1						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	1	1.6	0	0	1	0.8	1	1.6	0	0	1	0.8
35-39	1	1.7	1	1.6	2	1.6	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	2.3	1	2.4	2	2.3	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	2	8.1	0	0	2	4.2	0	0	0	0	0	0
60-64	2	9.8	0	0	2	4.9	1	4.9	1	4.9	2	4.9
65-69	0	0	1	5.5	1	2.9	0	0	0	0	0	0
70-74	1	10.2	1	7.9	2	8.9	0	0	0	0	0	0
75-79	0	0	3	33.3	3	20.1	0	0	0	0	0	0
80-84	0	0	1	19.1	1	12.4	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	8		8		16		2		1		3	
Crude rate		1.1		1.1		1.1			0.3		0.1	0.2
Risk 0-74 yrs		1 in 595		1 in 1151		1 in 779			1 in 3070		1 in 4073	1 in 3505
ASR#		1.3		1.0		1.2			0.3		0.2	0.2
CI^		(0.4 - 2.2)		(0.3 - 1.7)		(0.6 - 1.8)			(0 - 0.7)		(0 - 0.6)	(0 - 0.5)
% all cancers						0.5						0.2

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 48: Cancer of the brain (primary) (ICD-9 code 191)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	2	3.9	2	1.9	0	0	1	1.9	1	1.0
5-9	1	1.8	1	1.9	2	1.8	1	1.8	1	1.9	2	1.8
10-14	1	1.6	2	3.4	3	2.5	0	0	0	0	0	0
15-19	1	1.7	0	0	1	0.9	0	0	0	0	0	0
20-24	3	5.2	0	0	3	2.6	1	1.7	1	1.8	2	1.8
25-29	1	1.8	0	0	1	0.9	0	0	0	0	0	0
30-34	2	3.5	1	1.7	3	2.6	2	3.5	0	0	2	1.7
35-39	3	5.0	2	3.4	5	4.2	1	1.7	1	1.7	2	1.7
40-44	0	0	2	4.6	2	2.3	0	0	1	2.3	1	1.1
45-49	4	11.8	2	6.3	6	9.2	5	14.8	1	3.1	6	9.2
50-54	3	11.4	2	8.2	5	9.9	3	11.4	1	4.1	4	7.9
55-59	3	13.0	2	9.2	5	11.2	2	8.7	3	13.8	5	11.2
60-64	2	11.0	3	15.7	5	13.4	1	5.5	1	5.2	2	5.3
65-69	2	17.7	2	15.1	4	16.3	1	8.9	2	15.1	3	12.2
70-74	2	26.4	1	9.8	3	16.9	3	39.6	1	9.8	4	22.6
75-79	1	24.4	0	0	1	9.5	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	1	35.1	1	26.6	0	0	1	35.1	1	26.6
Total	29		23		52		20		15		35	
Crude rate		4.6		3.7		4.1		3.2		2.4		2.8
Risk 0-74 yrs		1 in 179		1 in 241		1 in 208		1 in 206		1 in 330		1 in 259
ASR#		5.1		4.1		4.6		3.7		2.8		3.3
CI^		(3.2 - 7.0)		(2.4 - 5.9)		(3.3 - 5.9)		(2.0 - 5.4)		(1.4 - 4.2)		(2.2 - 4.4)
% all cancers						1.9						2.9

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	2	3.6	0	0	2	1.8	0	0	0	0	0	0
5-9	2	3.5	3	5.5	5	4.5	0	0	1	1.8	1	0.9
10-14	3	5.1	0	0	3	2.6	0	0	1	1.8	1	0.9
15-19	2	3.0	1	1.5	3	2.3	0	0	0	0	0	0
20-24	1	1.5	0	0	1	0.8	1	1.5	0	0	1	0.8
25-29	2	3.2	4	6.4	6	4.8	0	0	2	3.2	2	1.6
30-34	2	3.3	1	1.6	3	2.4	1	1.6	1	1.6	2	1.6
35-39	5	8.3	2	3.2	7	5.7	3	5.0	1	1.6	4	3.3
40-44	3	5.0	3	5.0	6	5.0	5	8.3	4	6.7	9	7.5
45-49	3	6.8	3	7.1	6	6.9	1	2.3	1	2.4	2	2.3
50-54	5	15.4	4	13.1	9	14.3	9	27.7	6	19.6	15	23.8
55-59	2	8.1	3	13.2	5	10.5	1	4.1	1	4.4	2	4.2
60-64	5	24.4	2	9.8	7	17.1	4	19.5	4	19.6	8	19.6
65-69	0	0	3	16.6	3	8.8	0	0	3	16.6	3	8.8
70-74	0	0	1	7.9	1	4.5	1	10.2	1	7.9	2	8.9
75-79	1	16.8	0	0	1	6.7	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	2	53.1	2	38.4	0	0	1	26.5	1	19.2
Total	38		32		70		26		27		53	
Crude rate		5.4		4.5		5.0		3.7		3.8		3.8
Risk 0-74 yrs		1 in 220		1 in 221		1 in 218		1 in 250		1 in 230		1 in 238
ASR#		5.5		4.7		5.2		3.7		4.1		3.9
CI^		(3.7 - 7.3)		(3.0 - 6.4)		(3.9 - 6.4)		(2.2 - 5.1)		(2.5 - 5.6)		(2.8 - 5.0)
% all cancers						2.1						3.7

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

**Table 49: Cancer of other and unspecified parts of nervous system
(ICD-9 code 192)**

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	1	1.9	1	1.0	0	0	0	0	0	0
5-9	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
15-19	0	0	1	1.8	1	0.9	0	0	0	0	0	0
20-24	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
30-34	0	0	1	1.7	1	0.9	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	1	9.8	1	5.6
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	1		4		5		0		1		1	
Crude rate		0.2		0.6		0.4				0.2		0.1
Risk 0-74 yrs	1 in 11940		1 in 1313		1 in 2182				1 in 2033		1 in 3547	
ASR#		0.1		0.7		0.4			0.2		0.1	
CI [^]		(0 - 0.3)		(0 - 1.4)		(0 - 0.8)			(0 - 0.6)		(0 - 0.3)	
% all cancers						0.2						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	2	8.8	2	4.2	0	0	0	0	0	0
60-64	1	4.9	0	0	1	2.5	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	1	7.9	1	4.5	0	0	1	7.9	1	4.5
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	1	19.1	1	12.4	0	0	1	19.1	1	12.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		4		6		0		2		2	
Crude rate		0.3		0.6		0.4				0.3		0.1
Risk 0-74 yrs	1 in 3063		1 in 1201		1 in 1676				1 in 2535		1 in 4488	
ASR#		0.3		0.6		0.5			0.3		0.2	
CI [^]		(0 - 0.7)		(0 - 1.2)		(0.1 - 0.9)			(0 - 0.6)		(0 - 0.4)	
% all cancers						0.2						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 50: Cancer of the thyroid gland (ICD-9 code 193)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	2	3.6	2	1.8	0	0	0	0	0	0
20-24	2	3.5	2	3.5	4	3.5	0	0	0	0	0	0
25-29	1	1.8	4	7.0	5	4.4	0	0	0	0	0	0
30-34	0	0	11	18.5	11	9.4	0	0	0	0	0	0
35-39	3	5.0	9	15.3	12	10.0	0	0	0	0	0	0
40-44	1	2.3	2	4.6	3	3.4	0	0	0	0	0	0
45-49	0	0	5	15.7	5	7.6	0	0	0	0	0	0
50-54	2	7.6	4	16.5	6	11.8	0	0	2	8.2	2	3.9
55-59	0	0	3	13.8	3	6.7	1	4.3	0	0	1	2.2
60-64	0	0	1	5.2	1	2.7	0	0	1	5.2	1	2.7
65-69	0	0	1	7.6	1	4.1	0	0	0	0	0	0
70-74	0	0	1	9.8	1	5.6	0	0	0	0	0	0
75-79	0	0	3	46.5	3	28.4	0	0	1	15.5	1	9.5
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	9		48		57		1		4		5	
Crude rate		1.4		7.6		4.5		0.2		0.6		0.4
Risk 0-74 yrs		1 in 994		1 in 166		1 in 282		1 in 4605		1 in 1488		1 in 2262
ASR#		1.2		6.9		4.1		0.2		0.8		0.5
CI [^]		(0.4 - 2.1)		(4.9 - 8.9)		(3.0 - 5.2)		(0 - 0.5)		(0 - 1.5)		(0.1 - 0.9)
% all cancers						2.1						0.4

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	1	1.8	1	0.9	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	3	4.6	3	2.3	0	0	0	0	0	0
25-29	1	1.6	1	1.6	2	1.6	0	0	0	0	0	0
30-34	1	1.6	1	1.6	2	1.6	0	0	0	0	0	0
35-39	1	1.7	1	1.6	2	1.6	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	2	4.5	1	2.4	3	3.5	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	1	4.4	1	2.1	0	0	0	0	0	0
60-64	4	19.5	1	4.9	5	12.2	1	4.9	0	0	1	2.5
65-69	1	6.2	0	0	1	2.9	0	0	0	0	0	0
70-74	2	20.5	2	15.8	4	17.8	0	0	0	0	0	0
75-79	0	0	1	11.1	1	6.7	0	0	0	0	0	0
80-84	0	0	1	19.1	1	12.4	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	12		14		26		1		0		1	
Crude rate		1.7		2.0		1.8		0.1				0.1
Risk 0-74 yrs		1 in 360		1 in 518		1 in 430		1 in 4104				1 in 8177
ASR#		2.0		1.9		1.9		0.2				0.1
CI [^]		(0.8 - 3.1)		(0.9 - 2.9)		(1.2 - 2.7)		(0 - 0.6)				(0 - 0.3)
% all cancers						0.8						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

**Table 51: Cancer of other endocrine glands and related structures
(ICD-9 code 194)**

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	1	1.9	1	1.0	0	0	0	0	0	0
5-9	1	1.8	1	1.9	2	1.8	0	0	1	1.9	1	0.9
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	1	1.7	0	0	1	0.9
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	1	1.8	0	0	1	0.9	0	0	0	0	0	0
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2		2		4		1		1		2	
Crude rate		0.3		0.3		0.3		0.2		0.2		0.2
Risk 0-74 yrs	1 in 5592		1 in 5297		1 in 5478		1 in 11503		1 in 10810		1 in 11174	
ASR#		0.3		0.3		0.4		0.2		0.2		0.2
CI [^]		(0 - 0.8)		(0 - 1.0)		(0 - 0.7)		(0 - 0.5)		(0 - 0.6)		(0 - 0.4)
% all cancers						0.1						0.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8	0	0	1	0.9	0	0	0	0	0	0
5-9	0	0	1	1.8	1	0.9	0	0	1	1.8	1	0.9
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1	1.5	0	0	1	0.8	0	0	0	0	0	0
20-24	1	1.5	0	0	1	0.8	1	1.5	0	0	1	0.8
25-29	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
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	2	4.7	2	2.3	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	3		3		6		1		1		2	
Crude rate		0.4		0.4		0.4		0.1		0.1		0.1
Risk 0-74 yrs	1 in 4183		1 in 3064		1 in 3561		1 in 13168		1 in 10958		1 in 12084	
ASR#		0.5		0.5		0.5		0.1		0.2		0.2
CI [^]		(0 - 1.0)		(0 - 1.0)		(0.1 - 0.9)		(0 - 0.4)		(0 - 0.5)		(0 - 0.4)
% all cancers						0.2						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 52: Cancer of an unknown primary site (ICD-9 code 199)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	1	1.8	1	0.9	1	1.8	0	0	1	0.9
30-34	0	0	1	1.7	1	0.9	0	0	1	1.7	1	0.9
35-39	0	0	1	1.7	1	0.8	0	0	1	1.7	1	0.8
40-44	1	2.3	0	0	1	1.1	1	2.3	0	0	1	1.1
45-49	6	17.8	2	6.3	8	12.2	5	14.8	1	3.1	6	9.2
50-54	10	37.8	2	8.2	12	23.7	5	18.9	2	8.2	7	13.8
55-59	3	13.0	3	13.8	6	13.4	6	26.1	2	9.2	8	17.9
60-64	12	65.7	7	36.5	19	50.8	11	60.2	4	20.9	15	40.1
65-69	10	88.6	2	15.1	12	49.0	6	53.2	3	22.7	9	36.7
70-74	7	92.5	6	59.0	13	73.3	11	145.3	6	59.0	17	95.9
75-79	5	121.7	4	62.0	9	85.2	4	97.4	2	31.0	6	56.8
80-84	3	151.2	4	106.1	7	121.7	2	100.8	4	106.1	6	104.3
85+	2	218.8	5	175.7	7	186.2	1	109.4	4	140.5	5	133.0
Total	59		38		97		53		30		83	
Crude rate		9.4		6.0		7.7		8.4		4.8		6.6
Risk 0-74 yrs		1 in 64		1 in 139		1 in 89		1 in 62		1 in 159		1 in 93
ASR#		13.8		6.8		10.1		12.1		5.4		8.6
CI [^]		(10.1- 17.5)		(4.6 - 9.0)		(8.0 - 12.1)		(8.7 - 15.5)		(3.4 - 7.4)		(6.7 - 10.4)
% all cancers						3.6						6.9

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	1	1.6	1	0.8	0	0	1	1.6	1	0.8
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	2	3.3	1	1.6	3	2.5	1	1.7	0	0	1	0.8
40-44	2	3.3	2	3.4	4	3.3	2	3.3	1	1.7	3	2.5
45-49	3	6.8	1	2.4	4	4.6	3	6.8	0	0	3	3.5
50-54	4	12.3	4	13.1	8	12.7	3	9.2	3	9.8	6	9.5
55-59	7	28.4	5	21.9	12	25.3	4	16.2	2	8.8	6	12.7
60-64	10	48.7	9	44.2	19	46.5	6	29.2	6	29.5	12	29.4
65-69	8	49.9	9	49.8	17	49.9	8	49.9	6	33.2	14	41.1
70-74	7	71.7	9	71.0	16	71.3	4	41.0	6	47.3	10	44.6
75-79	11	184.8	6	66.6	17	113.6	8	134.4	6	66.6	14	93.6
80-84	5	174.6	3	57.3	8	98.8	4	139.7	3	57.3	7	86.5
85+	3	208.6	5	132.7	8	153.7	2	139.1	4	106.2	6	115.3
Total	62		55		117		45		38		83	
Crude rate		8.8		7.8		8.3		6.4		5.4		5.9
Risk 0-74 yrs		1 in 90		1 in 96		1 in 93		1 in 128		1 in 152		1 in 139
ASR#		11.2		8.4		9.5		8.0		5.7		6.7
CI		(8.3 - 14.1)		(6.1 - 10.7)		(7.8 - 11.3)		(5.6 - 10.5)		(3.8 - 7.5)		(5.2 - 8.2)
% all cancers						3.5						5.8

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 53: Lymphosarcoma and reticulosarcoma (ICD-9 code 200)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	1	1.9	1	0.9	0	0	0	0	0	0
10-14	1	1.6	0	0	1	0.8	1	1.6	0	0	1	0.8
15-19	1	1.7	0	0	1	0.9	0	0	0	0	0	0
20-24	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
30-34	3	5.2	0	0	3	2.6	1	1.7	0	0	1	0.9
35-39	4	6.7	1	1.7	5	4.2	0	0	0	0	0	0
40-44	2	4.5	2	4.6	4	4.6	0	0	0	0	0	0
45-49	3	8.9	1	3.1	4	6.1	0	0	1	3.1	1	1.5
50-54	3	11.4	3	12.3	6	11.8	1	3.8	1	4.1	2	3.9
55-59	3	13.0	2	9.2	5	11.2	1	4.3	0	0	1	2.2
60-64	2	11.0	2	10.4	4	10.7	2	11.0	2	10.4	4	10.7
65-69	2	17.7	3	22.7	5	20.4	1	8.9	3	22.7	4	16.3
70-74	2	26.4	2	19.7	4	22.6	1	13.2	1	9.8	2	11.3
75-79	1	24.3	1	15.5	2	18.9	1	24.3	2	31.0	3	28.4
80-84	0	0	0	0	0	0	0	0	2	53.1	2	34.8
85+	1	109.4	0	0	1	26.6	1	109.4	0	0	1	26.6
Total	28		18		46		10		12		22	
Crude rate		4.5		2.9		3.7		1.6		1.9		1.7
Risk 0-74 yrs		1 in 185		1 in 234		1 in 207		1 in 450		1 in 399		1 in 420
ASR#		5.2		3.4		4.1		2.4		2.3		2.2
CI [^]		(3.1 - 7.3)		(1.8 - 5.0)		(2.9 - 5.4)		(0.7 - 4.0)		(1.0 - 3.6)		(1.3 - 3.2)
% all cancers						1.7						1.8

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8	0	0	1	0.9	0	0	0	0	0	0
5-9	0	0	1	1.8	1	0.9	0	0	0	0	0	0
10-14	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
20-24	1	1.5	0	0	1	0.8	1	1.5	0	0	1	0.8
25-29	2	3.2	1	1.6	3	2.4	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0
35-39	4	6.6	1	1.6	5	4.1	2	3.3	0	0	2	1.6
40-44	1	1.7	2	3.4	3	2.5	0	0	0	0	0	0
45-49	5	11.0	0	0	5	5.8	0	0	0	0	0	0
50-54	9	27.7	1	3.3	10	15.9	2	6.2	2	6.5	4	6.3
55-59	8	32.5	3	13.2	11	23.2	2	8.1	0	0	2	4.2
60-64	3	14.6	5	24.6	8	19.6	0	0	2	9.8	2	4.9
65-69	4	25.0	6	33.2	10	29.3	2	12.5	3	16.6	5	14.7
70-74	6	61.5	3	23.7	9	40.1	3	30.7	1	7.9	4	17.8
75-79	5	84.0	1	11.1	6	40.1	2	33.6	3	33.3	5	33.4
80-84	0	0	2	38.2	2	24.7	0	0	1	19.1	1	12.4
85+	0	0	2	53.1	2	38.4	0	0	3	79.6	3	57.6
Total	49		28		77		14		15		29	
Crude rate		6.9		4.0		5.4		2.0		2.1		2.1
Risk 0-74 yrs		1 in 107		1 in 189		1 in 138		1 in 322		1 in 490		1 in 398
ASR#		7.9		4.3		6.1		2.3		2.2		2.3
CI [^]		(5.6 - 10.1)		(2.7 - 6.0)		(4.7 - 7.5)		(1.1 - 3.5)		(1.1 - 3.3)		(1.5 - 3.2)
% all cancers						2.3						2.0

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 54: Hodgkin's lymphoma (ICD-9 code 201)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	2	3.4	2	1.7	0	0	0	0	0	0
15-19	4	7.0	1	1.8	5	4.4	1	1.7	0	0	1	0.9
20-24	2	3.5	1	1.8	3	2.6	0	0	0	0	0	0
25-29	4	7.2	1	1.8	5	4.4	1	1.8	0	0	1	0.9
30-34	3	5.2	4	6.7	7	6.0	0	0	1	1.7	1	0.9
35-39	0	0	4	6.8	4	3.4	0	0	0	0	0	0
40-44	2	4.5	0	0	2	2.3	1	2.3	1	2.3	2	2.3
45-49	1	3.0	1	3.1	2	3.1	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	1	4.1	1	2.0
55-59	1	4.3	0	0	1	2.2	0	0	0	0	0	0
60-64	1	5.5	0	0	1	2.7	0	0	0	0	0	0
65-69	0	0	1	7.6	1	4.1	0	0	1	7.6	1	4.1
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	18		15		33		3		4		7	
Crude rate		2.9		2.4		2.6		0.5		0.6		0.6
Risk 0-74 yrs		1 in 499		1 in 608		1 in 544		1 in 3452		1 in 1278		1 in 1826
ASR#		2.6		2.0		2.3		0.4		0.7		0.6
CI^		(1.4 - 3.9)		(0.9 - 3.0)		(1.5 - 3.1)		(0 - 0.9)		(0 - 1.4)		(0.1 - 1.0)
% all cancers						1.2						0.6

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1	1.5	1	1.5	2	1.5	0	0	0	0	0	0
20-24	3	4.6	2	3.1	5	3.8	1	1.5	0	0	1	0.8
25-29	1	1.6	1	1.6	2	1.6	1	1.6	1	1.6	2	1.6
30-34	0	0	1	1.6	1	0.8	1	1.6	0	0	1	0.8
35-39	0	0	1	1.6	1	0.8	0	0	0	0	0	0
40-44	0	0	0	0	0	0	1	1.7	0	0	1	0.8
45-49	2	4.5	0	0	2	2.3	0	0	0	0	0	0
50-54	0	0	1	3.3	1	1.6	0	0	1	3.3	1	1.6
55-59	1	4.1	0	0	1	2.1	0	0	0	0	0	0
60-64	1	4.9	0	0	1	2.5	1	4.9	0	0	1	2.5
65-69	1	6.2	0	0	1	2.9	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	1	11.1	1	6.7	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	1	69.5	0	0	1	19.2	0	0	0	0	0	0
Total	11		8		19		5		2		7	
Crude rate		1.6		1.1		1.3		0.7		0.3		0.5
Risk 0-74 yrs		1 in 732		1 in 1579		1 in 1005		1 in 1771		1 in 4099		1 in 2486
ASR#		1.8		1.0		1.3		0.6		0.3		0.5
CI^		(0.7 - 2.9)		(0.3 - 1.7)		(0.7 - 1.9)		(0.1 - 1.2)		(0 - 0.7)		(0.1 - 0.8)
% all cancers						0.6						0.5

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

**Table 55: Other neoplasm of lymphoid and histiocytic tissue
(ICD-9 code 202)**

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	2	3.5	2	1.8	0	0	0	0	0	0
30-34	1	1.7	3	5.0	4	3.4	0	0	0	0	0	0
35-39	1	1.7	3	5.1	4	3.4	0	0	0	0	0	0
40-44	1	2.3	3	6.9	4	4.6	0	0	1	2.3	1	1.1
45-49	1	3.0	0	0	1	1.5	1	3.0	0	0	1	1.5
50-54	5	18.9	5	20.6	10	19.7	1	3.8	1	4.1	2	3.9
55-59	6	26.1	3	13.8	9	20.1	1	4.3	1	4.6	2	4.5
60-64	2	11.0	1	5.2	3	8.0	0	0	0	0	0	0
65-69	2	17.7	3	22.7	5	20.4	1	8.9	0	0	1	4.1
70-74	4	52.8	1	9.8	5	28.2	1	13.2	2	19.7	3	16.9
75-79	2	48.7	0	0	2	18.9	0	0	0	0	0	0
80-84	1	50.4	0	0	1	17.4	1	50.4	0	0	1	17.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	26		24		50		6		5		11	
Crude rate		4.1		3.8		4.0		1.0		0.8		0.9
Risk 0-74 yrs		1 in 149		1 in 216		1 in 181		1 in 604		1 in 652		1 in 624
ASR#		5.3		4.0		4.5		1.3		0.9		1.1
CI [^]		(3.2 - 7.4)		(2.3 - 5.6)		(3.2 - 5.8)		(0.3 - 2.4)		(0.1 - 1.7)		(0.4 - 1.7)
% all cancers						1.8						0.9

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	2	3.6	0	0	2	1.8	1	1.8	0	0	1	0.9
5-9	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
15-19	2	3.0	0	0	2	1.5	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	2	3.2	0	0	2	1.6	0	0	0	0	0	0
30-34	3	4.9	3	4.9	6	4.9	0	0	1	1.6	1	0.8
35-39	2	3.3	3	4.8	5	4.1	0	0	0	0	0	0
40-44	5	8.3	2	3.4	7	5.8	0	0	0	0	0	0
45-49	3	6.8	4	9.4	7	8.1	0	0	0	0	0	0
50-54	5	15.4	3	9.8	8	12.7	2	6.2	0	0	2	3.2
55-59	2	8.1	3	13.2	5	10.5	2	8.1	2	8.8	4	8.4
60-64	5	24.4	7	34.4	12	29.4	2	9.8	0	0	2	4.9
65-69	1	6.2	2	11.1	3	8.8	2	12.5	2	11.1	4	11.7
70-74	2	20.5	2	15.8	4	17.8	2	20.5	4	31.6	6	26.7
75-79	1	16.8	1	11.1	2	13.4	1	16.8	0	0	1	6.7
80-84	2	69.9	3	57.3	5	61.8	0	0	1	19.1	1	12.4
85+	2	139.1	5	132.7	7	134.5	1	69.5	2	53.1	3	57.6
Total	39		38		77		13		12		25	
Crude rate		5.5		5.4		5.4		1.8		1.7		1.8
Risk 0-74 yrs		1 in 186		1 in 188		1 in 187		1 in 341		1 in 377		1 in 353
ASR#		6.2		5.5		5.8		2.5		1.8		2.2
CI [^]		(4.2 - 8.3)		(3.7 - 7.2)		(4.5 - 7.2)		(1.1 - 4.0)		(0.8 - 2.8)		(1.3 - 3.0)
% all cancers						2.3						1.7

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

**Table 56: Multiple myeloma and immunoproliferative neoplasms
(ICD-9 code 203)**

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	1	2.3	1	1.1	0	0	0	0	0	0
45-49	0	0	2	6.3	2	3.1	1	3.0	1	3.1	2	3.1
50-54	1	3.8	2	8.2	3	5.9	0	0	1	4.1	1	2.0
55-59	1	4.3	2	9.2	3	6.7	3	13.0	2	9.2	5	11.2
60-64	4	21.9	2	10.4	6	16.0	3	16.4	2	10.4	5	13.4
65-69	3	26.6	2	15.1	5	20.4	2	17.7	0	0	2	8.2
70-74	3	39.6	4	39.4	7	39.5	4	52.8	3	29.5	7	39.5
75-79	2	48.7	1	15.5	3	28.4	3	73.0	1	15.5	4	37.9
80-84	1	50.4	2	53.1	3	52.2	0	0	1	26.5	1	17.4
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	15		18		33		16		11		27	
Crude rate		2.4		2.9		2.6		2.5		1.8		2.1
Risk 0-74 yrs		1 in 208		1 in 221		1 in 216		1 in 195		1 in 355		1 in 260
ASR#		3.6		3.4		3.4		3.7		2.1		2.8
CI [^]		(1.8 - 5.4)		(1.8 - 5.0)		(2.2 - 4.6)		(1.9 - 5.5)		(0.8 - 3.3)		(1.7 - 3.8)
% all cancers						1.2						2.2

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	0	0	0	0	0	0	0	0	1	1.6	1	0.8
35-39	0	0	1	1.6	1	0.8	0	0	0	0	0	0
40-44	1	1.7	1	1.7	2	1.7	0	0	1	1.7	1	0.8
45-49	1	2.3	3	7.1	4	4.6	0	0	0	0	0	0
50-54	2	6.2	0	0	2	3.2	0	0	0	0	0	0
55-59	5	20.3	2	8.8	7	14.8	0	0	1	4.4	1	2.1
60-64	3	14.6	6	29.5	9	22.0	0	0	1	4.9	1	2.5
65-69	7	43.7	4	22.1	11	32.3	5	31.2	3	16.6	8	23.5
70-74	3	30.7	2	15.8	5	22.3	1	10.2	3	23.7	4	17.8
75-79	5	84.0	3	33.3	8	53.5	2	33.6	4	44.4	6	40.1
80-84	2	69.9	5	95.6	7	86.5	2	69.9	1	19.1	3	37.1
85+	1	69.5	0	0	1	19.2	2	139.1	0	0	2	38.4
Total	30		27		57		12		15		27	
Crude rate		4.2		3.8		4.0		1.7		2.1		1.9
Risk 0-74 yrs		1 in 168		1 in 232		1 in 197		1 in 483		1 in 379		1 in 422
ASR#		5.4		3.9		4.5		2.5		2.1		2.1
CI [^]		(3.4 - 7.4)		(2.4 - 5.5)		(3.3 - 5.7)		(1.0 - 4.0)		(1.0 - 3.2)		(1.3 - 2.9)
% all cancers						1.7						1.9

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. [^]95% confidence intervals.

Table 57: All lymphoma cancers (ICD-9 codes 200-202)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	0	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	1	1.9	1	0.9	0	0	0	0	0	0
10-14	1	1.6	2	3.4	3	2.5	1	1.6	0	0	1	0.8
15-19	5	8.7	1	1.8	6	5.3	1	1.7	0	0	1	0.9
20-24	2	3.5	1	1.8	3	2.6	0	0	0	0	0	0
25-29	4	7.2	3	5.3	7	6.2	1	1.8	0	0	1	0.9
30-34	7	12.0	7	11.8	14	12.0	1	1.7	1	1.7	2	1.7
35-39	5	8.4	8	13.6	13	11.0	0	0	0	0	0	0
40-44	5	11.0	5	11.5	10	11.4	1	2.3	2	4.6	3	3.4
45-49	5	14.8	2	6.3	7	10.7	1	3.0	1	3.1	2	3.1
50-54	8	30.3	8	32.9	16	31.5	2	7.6	3	12.3	5	9.9
55-59	10	43.4	5	22.9	15	33.5	2	8.7	1	4.6	3	6.7
60-64	5	27.4	3	15.7	8	21.4	2	11.0	2	10.4	4	10.7
65-69	4	35.4	7	53.0	11	44.9	2	17.7	4	30.3	6	24.5
70-74	6	79.2	3	29.5	9	50.8	2	26.4	3	29.5	5	28.2
75-79	3	73.0	1	15.5	4	37.9	1	24.3	2	31.0	3	28.4
80-84	1	50.4	0	0	1	17.4	1	50.4	2	53.1	3	52.2
85+	1	109.4	0	0	1	26.6	1	109.4	0	0	1	26.6
Total	72		57		129		19		21		40	
Crude rate		11.4		9.1		10.2		3.0		3.3		3.2
Risk 0-74 yrs		1 in 71		1 in 95		1 in 82		1 in 240		1 in 208		1 in 221
% all cancers						4.7						3.3

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	3	5.3	0	0	3	2.7	1	1.8	0	0	1	0.9
5-9	0	0	1	1.8	1	0.9	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	3	4.5	1	1.5	4	3.0	0	0	0	0	0	0
20-24	4	6.1	2	3.1	6	4.6	2	3.0	0	0	2	1.5
25-29	5	8.0	2	3.2	7	5.6	1	1.6	1	1.6	2	1.6
30-34	3	4.9	4	6.5	7	5.7	1	1.6	1	1.6	2	1.6
35-39	6	9.9	5	8.0	11	9.0	2	3.3	0	0	2	1.6
40-44	6	10.0	4	6.7	10	8.4	1	1.7	0	0	1	0.8
45-49	10	23.0	4	9.4	14	16.0	0	0	0	0	0	0
50-54	14	43.1	5	16.4	19	30.1	4	12.3	3	9.8	7	11.1
55-59	11	44.7	6	26.3	17	35.8	4	16.2	2	8.8	6	12.7
60-64	9	43.9	12	58.9	21	51.4	3	14.6	2	9.8	5	12.2
65-69	6	37.4	8	44.3	14	41.1	4	25.0	5	27.7	9	26.4
70-74	8	82.0	5	39.5	13	58.0	5	51.2	5	39.5	10	44.6
75-79	6	100.8	3	33.3	9	60.2	3	50.4	3	33.3	6	40.1
80-84	2	69.9	5	95.6	7	86.5	0	0	2	38.2	2	24.7
85+	3	208.6	7	185.8	10	192.1	1	69.5	5	132.7	6	115.3
Total	99		74		173		32		29		61	
CR		14.0		10.5		12.2		4.5		4.1		4.3
Risk		1 in 63		1 in 89		1 in 74		1 in 152		1 in 203		1 in 174
% all cancers						5.2						4.2

Note: Rates expressed per 100,000 population.

All lymphoma cancers (ICD-9 codes 200-202)

Figure 21: Age-specific incidence

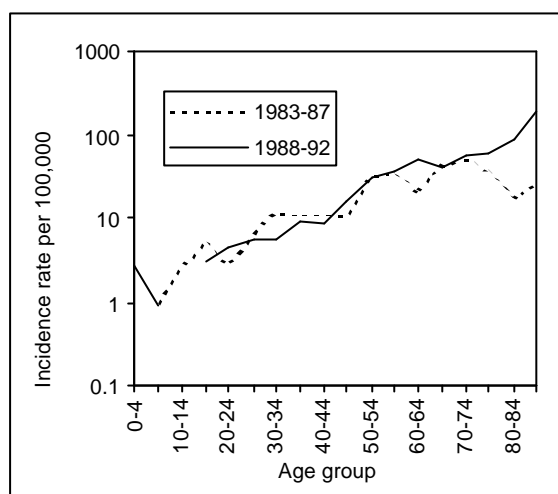
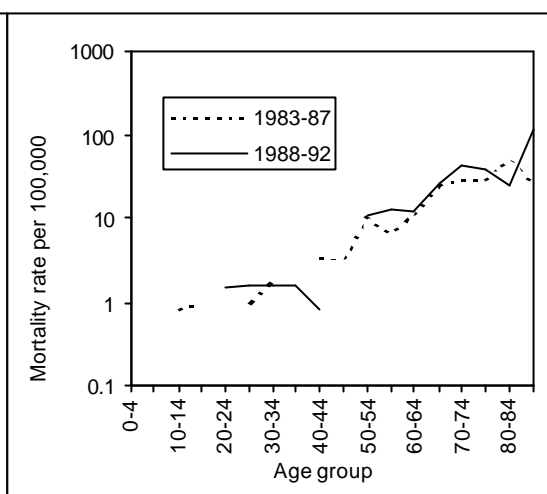


Figure 22: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- Non-Hodgkin's lymphomas account for nearly 90 per cent of all new cases of lymphoma. In Victoria during the period 1980-1989 lymphoma accounted for 13 per cent of all childhood cancers (Cancer Epidemiology Centre:1994), and there is no reason to expect the ACT to be different, although a detailed analysis is not possible at this time. Overall, lymphomas of all kinds were the fifth most common cause of cancer for males and the seventh for females in the ACT during the period 1988-1992. The incidence of this group of cancers increased from 10 to 12 per 100,000 population between 1983-1987 and 1988-1992. This increase is mainly due to higher rates in males aged between 45 and 54 years of age, and in the oldest age group.
- The number of cases in the younger age groups is too small in the ACT to establish if there has been any overall improvement in survival rates, as indicated by evidence from South Australia and Victoria (SAHC:1994, Cancer Epidemiology Centre:1994). In the ACT the overall mortality rate increased from 3 to 4 per 100,000 persons, mainly due to an increase in deaths in the middle age groups. The lifetime risk for males increased from 1 in 240 to 1 in 152 over the study period.
- The age-standardised incidence rate was significantly higher in the ACT than NSW or Australia, but the age-standardised mortality rate was similar. Again reflecting a common pattern in the ACT of higher incidence and lower mortality than NSW or Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
Age-standardised incidence rates				
Males	13.1 (9.9 - 16.3)	15.9 (12.6 - 19.1)	14.8 (13.5 - 16.2)	14.0 (13.2 - 14.7)
Females	9.3 (6.8 - 11.8)	10.7 (8.2 - 13.3)	8.7 (7.7 - 9.7)	9.9 (9.3 - 10.5)
Persons	10.9 (9.0 - 12.9)	13.2 (11.2 - 15.3)		11.8 (11.3 - 12.3)
Age-standardised mortality rates				
Males	4.1 (2.1 - 6.2)	5.5 (3.5 - 7.4)	6.6 (5.8 - 7.5)	6.7 (6.2 - 7.2)
Females	3.9 (2.2 - 5.5)	4.3 (2.7 - 5.9)	4.4 (3.8 - 5.1)	4.1 (3.7 - 4.5)
Persons	3.9 (2.7 - 5.1)	4.9 (3.7 - 6.2)		5.3 (5.0 - 5.6)

Note: Rates are expressed per 100,000 population and age-standardised to the world standard population.

Table 58: Lymphoid leukaemia (ICD-9 code 204)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	6	11.0	3	0	9	8.5	0	0	0	0	0	0
5-9	4	7.1	1	0	5	4.5	0	0	1	1.9	1	0.9
10-14	1	1.6	0	0	1	0.8	0	0	0	0	0	0
15-19	1	1.7	2	0	3	2.6	0	0	1	1.8	1	0.9
20-24	1	1.7	1	0	2	1.8	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	1	0	1	0.9	0	0	0	0	0	0
35-39	1	1.7	1	0	2	1.7	0	0	0	0	0	0
40-44	1	2.3	0	0	1	1.1	0	0	0	0	0	0
45-49	1	3.0	0	0	1	1.5	0	0	0	0	0	0
50-54	1	3.8	1	0	2	3.9	0	0	0	0	0	0
55-59	4	17.4	0	0	4	8.9	0	0	0	0	0	0
60-64	2	11.0	3	0	5	13.4	2	11.0	2	10.4	4	10.7
65-69	5	44.3	2	0	7	28.6	2	17.7	2	15.1	4	16.3
70-74	8	105.7	2	0	10	56.4	2	26.4	1	9.8	3	16.9
75-79	2	48.7	2	0	4	37.9	0	0	1	15.5	1	9.5
80-84	0	0	2	0	2	34.8	1	50.4	3	79.6	4	69.5
85+	1	109.4	1	0	2	53.2	1	109.4	0	0	1	26.6
Total	39		22		61		8		11		19	
Crude rate		6.2		3.5		4.8		1.3		1.8		1.5
Risk 0-74 yrs		1 in 95		1 in 283		1 in 149		1 in 364		1 in 513		1 in 438
ASR#		8.7		4.0		6.1		2.3		2.0		2.0
CI^		(5.9 - 11.6)		(2.3 - 5.7)		(4.6 - 7.7)		(0.6 - 4.0)		(0.8 - 3.2)		(1.1 - 2.9)
% all cancers						2.2						1.6

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	6	11.0	2	3.7	8	7.3	1	1.8	0	0	1	0.9
5-9	0	0	0	0	0	0	0	0	1	1.8	1	0.9
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	2	3.0	0	0	2	1.5	1	1.5	0	0	1	0.8
20-24	0	0	0	0	0	0	0	0	0	0	0	0
25-29	1	1.6	0	0	1	0.8	0	0	0	0	0	0
30-34	0	0	0	0	0	0	1	1.6	0	0	1	0.8
35-39	0	0	0	0	0	0	0	0	0	0	0	0
40-44	1	1.7	0	0	1	0.8	0	0	0	0	0	0
45-49	2	4.5	0	0	2	2.3	1	2.3	0	0	1	1.2
50-54	3	9.2	3	9.8	6	9.51	1	3.1	0	0	1	1.6
55-59	4	16.2	1	4.4	5	10.5	2	8.1	0	0	2	4.2
60-64	1	4.9	2	9.8	3	7.3	1	4.9	0	0	1	2.5
65-69	3	18.7	2	11.1	5	14.7	0	0	2	11.1	2	5.9
70-74	3	30.7	1	7.9	4	17.8	2	20.5	0	0	2	8.9
75-79	1	16.8	0	0	1	6.7	2	33.6	0	0	2	13.4
80-84	1	34.9	0	0	1	12.4	0	0	0	0	0	0
85+	2	139.1	1	26.5	3	57.6	0	0	2	53.1	2	38.4
Total	30		12		42		12		5		17	
Crude rate		4.2		1.7		3.0		1.7		0.7		1.2
Risk 0-74 yrs		1 in 198		1 in 429		1 in 276		1 in 458		1 in 1552		1 in 727
ASR#		5.6		2.1		3.7		2.0		0.8		1.4
CI^		(3.5 - 7.6)		(0.9 - 3.3)		(2.5 - 4.8)		(0.9 - 3.2)		(0.1 - 1.5)		(0.7 - 2.1)
% all cancers						1.3						1.2

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 59: Myeloid leukaemia (ICD-9 code 205)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.9	1	1.9	2	1.9	0	0	0	0	0	0
5-9	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
15-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	2	3.5	0	0	2	1.8	1	1.7	1	1.8	2	1.8
25-29	0	0	0	0	0	0	1	1.8	0	0	1	0.9
30-34	3	5.2	1	1.7	4	3.4	1	1.7	0	0	1	0.9
35-39	2	3.4	1	1.7	3	2.5	0	0	1	1.7	1	0.8
40-44	4	9.1	3	6.9	7	8.0	1	2.3	1	2.3	2	2.3
45-49	0	0	1	3.1	1	1.5	0	0	0	0	0	0
50-54	0	0	1	4.1	1	2.0	1	3.8	0	0	1	2.0
55-59	3	13.0	2	9.2	5	11.2	2	8.7	1	4.6	3	6.7
60-64	0	0	0	0	0	0	0	0	2	10.4	2	5.3
65-69	4	35.4	2	15.1	6	24.5	3	26.6	1	7.6	4	16.3
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	4	97.4	4	62.0	8	75.8	2	48.7	4	62.0	6	56.8
80-84	0	0	1	26.5	1	17.4	0	0	2	53.1	2	34.8
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	23		17		40		12		13		25	
Crude rate		3.7		2.7		3.2		1.9		2.1		2.0
Risk 0-74 yrs		1 in 280		1 in 458		1 in 353		1 in 430		1 in 706		1 in 542
ASR#		4.1		2.8		3.4		2.3		2.1		2.3
CI^		(2.3 - 5.9)		(1.4 - 4.2)		(2.3 - 4.5)		(1.0 - 3.7)		(0.9 - 3.3)		(1.4 - 3.2)
% all cancers						1.5						2.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	1	1.8	1	1.9	2	1.8	1	1.8	0	0	1	0.9
5-9	0	0	0	0	0	0	0	0	0	0	0	0
10-14	1	1.7	0	0	1	0.9	0	0	0	0	0	0
15-19	1	1.5	0	0	1	0.8	0	0	0	0	0	0
20-24	2	3.0	0	0	2	1.5	2	3.0	0	0	2	1.5
25-29	1	1.6	1	1.6	2	1.6	0	0	1	1.6	1	0.8
30-34	0	0	1	1.6	1	0.8	1	1.6	1	1.6	2	1.6
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	0	0	2	3.4	2	1.7	1	1.7	1	1.7	2	1.7
45-49	2	4.5	1	2.4	3	3.5	1	2.3	2	4.7	3	3.5
50-54	2	6.2	0	0	2	3.2	2	6.2	0	0	2	3.2
55-59	1	4.1	2	8.8	3	6.3	2	8.1	0	0	2	4.2
60-64	5	24.4	0	0	5	12.2	4	19.5	0	0	4	9.8
65-69	4	25.0	3	16.6	7	20.5	2	12.5	1	5.5	3	8.8
70-74	2	20.5	2	15.8	4	17.8	2	20.5	2	15.8	4	17.8
75-79	2	33.6	2	22.2	4	26.7	1	16.8	1	11.1	2	13.4
80-84	3	104.8	3	57.3	6	74.1	2	69.9	3	57.3	5	61.8
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	28		18		46		21		12		33	
Crude rate		4.0		2.6		3.3		3.0		1.7		2.3
Risk 0-74 yrs		1 in 209		1 in 386		1 in 273		1 in 260		1 in 647		1 in 372
ASR#		4.7		2.5		3.5		3.5		1.5		2.5
CI^		(2.9 - 6.5)		(1.3 - 3.6)		(2.5 - 4.6)		(2.0 - 5.0)		(0.6 - 2.4)		(1.6 - 3.4)
% all cancers						1.4						2.3

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 60: Monocytic leukaemia (ICD-9 code 206)

Australian Capital Territory

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	1	24.3	0	0	1	9.5	1	24.3	0	0	1	9.5
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0	0
Total	1		0		1		1		0			
Crude rate		0.2				0.1		0.2				0.1
Risk 0-74 yrs												
ASR#		0.2				0.1		0.2				0.1
CI^		(0 - 0.7)				(0 - 0.3)		(0 - 0.7)				(0 - 0.3)
% all cancers						0						0.1

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4												
5-9												
10-14												
15-19												
20-24												
25-29												
30-34												
35-39												
40-44												
45-49												
50-54												
55-59												
60-64												
65-69												
70-74												
75-79												
80-84												
85+												
Total	No incidences occurred during this period						No deaths occurred during this period					
Crude rate												
Risk 0-74 yrs												
ASR#												
CI^												
% all cancers												

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 61: Leukaemia of unspecified cell type (ICD-9 code 208)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	1	3.0	0	0	1	1.5	1	3.0	0	0	1	1.5
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	1	7.6	1	4.1
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	0	0	0	0	0	0	0	0	0	0
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	1	109.4	0	0	1	26.6	0	0	0	0	0	0
Total	2				2		1		1		2	
Crude rate		0.3				0.2		0.2		0.2		0.2
Risk 0-74 yrs		1 in 6755			1 in 13122		1 in 6755		1 in 2644		1 in 3569	
ASR#		0.7			0.2		0.2		0.2		0.2	
CI^		(0 - 1.9)			(0 - 0.5)		(0 - 0.5)		(0 - 0.7)		(0 - 0.5)	
% all cancers					0.1						0.2	

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	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
10-14	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
20-24	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
30-34	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
40-44	0	0	0	0	0	0	0	0	0	0	0	0
45-49	0	0	0	0	0	0	0	0	0	0	0	0
50-54	0	0	0	0	0	0	0	0	0	0	0	0
55-59	0	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0	0
70-74	0	0	0	0	0	0	0	0	0	0	0	0
75-79	0	0	1	11.1	1	6.7	0	0	1	11.1	1	6.7
80-84	0	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	1	69.5	0	0	1	19.2
Total	0		1		1		1		1		2	
Crude rate				0.1		0.1		0.1		0.1		0.1
Risk 0-74 yrs												
ASR#				0.1		0.1		0.4		0.1		0.2
CI^				(0 - 0.3)		(0 - 0.2)		(0 - 1.0)		(0 - 0.3)		(0 - 0.4)
% all cancers						0						0.1

Note: Rates expressed per 100,000 population. #Age-standardised to the world standard population. ^95% confidence intervals.

Table 62: All leukaemias (ICD-9 codes 204-208)**Australian Capital Territory**

1983-1987	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	7	13.0	4	7.7	11	10.4	0	0	0	0	0	0
5-9	4	7.1	1	1.9	5	4.5	0	0	1	1.9	1	0.9
10-14	1	1.6	0	0	1	0.8	0	0	0	0	0	0
15-19	1	1.7	2	3.6	3	2.6	0	0	1	1.8	1	0.9
20-24	3	5.2	1	1.8	4	3.5	1	1.7	1	1.8	2	1.8
25-29	0	0	0	0	0	0	1	1.8	0	0	1	0.9
30-34	3	5.2	2	3.4	5	4.3	1	1.7	0	0	1	0.9
35-39	3	5.0	2	3.4	5	4.2	0	0	1	1.7	1	0.8
40-44	5	11.3	3	6.9	8	9.1	1	2.3	1	2.3	2	2.3
45-49	2	5.9	1	3.1	3	4.6	1	3.0	0	0	1	1.5
50-54	1	3.8	2	8.2	3	5.9	1	3.8	0	0	1	2.0
55-59	7	30.4	2	9.2	9	20.1	2	8.7	1	4.6	3	6.7
60-64	2	11.0	3	15.7	5	13.4	2	11.0	4	20.9	6	16.0
65-69	9	79.7	4	30.3	13	53.1	6	53.2	4	30.3	10	40.8
70-74	8	105.7	2	19.7	10	56.4	2	26.4	1	9.8	3	16.9
75-79	7	170.4	6	93.0	13	123.1	3	73.0	5	77.5	8	75.8
80-84	0	0	3	79.6	3	52.2	1	50.4	5	132.7	6	104.3
85+	2	218.8	1	35.1	3	79.8	1	109.4	0	0	1	26.6
Total	65		39		104		23		25		48	
Crude rate		10.3		6.2		8.3		3.7		4.0		3.8
Risk 0-74 yrs		1 in 70		1 in 175		1 in 104		1 in 177		1 in 267		1 in 217
% all cancers						3.8						4.0

1988-1992	Incidence						Mortality					
	Males		Females		Persons		Males		Females		Persons	
	no	rate	no	rate	no	rate	no	rate	no	rate	no	rate
0-4	8	14.0	3	5.6	11	10.0	3	5.3	0	0	3	2.7
5-9	0	0	0	0	0	0	0	0	1	1.8	1	0.9
10-14	1	1.7	0	0	1	0.9	0	0	0	0	0	0
15-19	3	4.5	0	0	3	2.3	1	1.5	0	0	1	0.8
20-24	2	3.0	0	0	2	1.5	2	3.0	0	0	2	1.5
25-29	2	3.2	1	1.6	3	2.4	0	0	1	1.6	1	0.8
30-34	0	0	1	1.6	1	0.8	2	3.3	1	1.6	3	2.4
35-39	1	1.7	0	0	1	0.8	0	0	0	0	0	0
40-44	1	1.7	2	3.4	3	2.5	1	1.7	1	1.7	2	1.7
45-49	4	9.0	1	2.4	5	5.8	2	4.5	2	4.7	4	4.6
50-54	5	15.4	3	9.8	8	12.7	3	9.2	0	0	3	4.8
55-59	5	20.3	3	13.2	8	16.9	4	16.2	0	0	4	8.4
60-64	6	29.2	2	9.8	8	19.6	5	24.4	0	0	5	12.2
65-69	7	43.7	5	27.7	12	35.2	2	12.5	3	16.6	5	14.7
70-74	5	51.2	3	23.7	8	35.7	4	41.0	2	15.8	6	26.7
75-79	3	50.4	3	33.3	6	40.1	3	50.4	2	22.2	5	33.4
80-84	4	139.7	3	57.3	7	86.5	2	69.9	3	57.3	5	61.8
85+	2	139.1	1	26.5	3	57.6	1	69.5	2	53.1	3	57.6
Total	59		31		90		35		18		53	
Crude rate		8.3		4.4		6.4		5.0		2.6		3.8
Risk 0-74 yrs		1 in 101		1 in 203		1 in 137		1 in 164		1 in 457		1 in 244
% all cancers						2.7						3.7

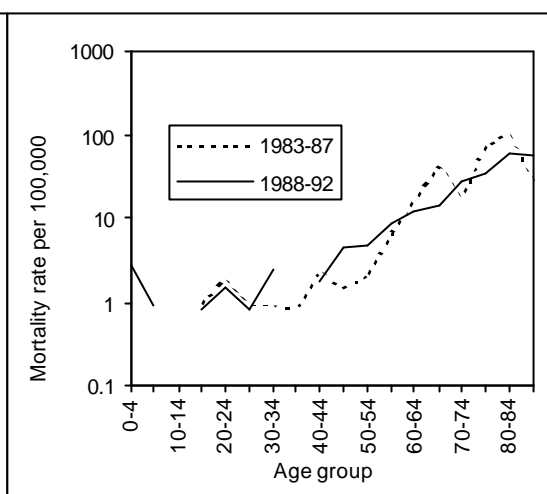
Note: Rates are expressed per 100,000 population.

All leukaemias (ICD-9 codes 204-208)

Figure 23: Age-specific incidence



Figure 24: Age-specific mortality



Note: a log scale has been used to clarify presentation in the younger age groups.

- In Victoria leukaemia was the most common childhood cancer, and accounted for nearly 40 per cent of all cancers in the 0-4 years old age group (Cancer Epidemiology Centre:1994). For both males and females the incidence of all leukaemias declined between 1983-1987 and 1988-1992 (from a rate of 10 to 8 per 100,000 for males, and 6 to 4 per 100,000 for females). At the same time the lifetime risk declined from 1 in 104 to 1 in 137, and as a percentage of all cancers all leukaemias fell from four to three per cent.
- The crude mortality rate remained unchanged between the two study periods, however, there was considerable fluctuation in the sex ratio - in the period 1983-1987 92 males died for every 100 females, in the period 1988-1992 194 males died for every 100 females. This resulted in the crude mortality rate for males increasing from 3.7 to 5 per 100,000 males, while at the same time the rate for females decreased from 4 to 2.6 per 100,000 females. The increase in male deaths was distributed throughout the age range. The lifetime risk decreased from 1 in 217 to 1 in 244.
- The age-standardised incidence and mortality rates for all leukaemias were similar to the NSW population. Rates for all leukaemias are not available for Australia.

	ACT 1983-1987	ACT 1988-1992	NSW 1990	Australia 1990
	Age-standardised incidence rates			
Males	13.8 (10.2 - 17.4)	10.5 (7.7 - 13.2)	9.1 (8.1 - 10.3)	Rates for all leukaemias not published
Females	6.8 (4.6 - 9.0)	4.7 (3.0 - 6.4)	5.4 (4.6 - 6.2)	
Persons	9.9 (7.9 - 11.8)	7.4 (5.8 - 8.9)		
	Age-standardised mortality rates			
Males	5.3 (3.0 - 7.6)	6.1 (4.0 - 8.1)	6.1 (5.3 - 7.0)	
Females	4.3 (2.6 - 6.0)	2.4 (1.3 - 3.5)	3.4 (2.8 - 4.0)	
Persons	4.7 (3.3 - 6.1)	4.2 (3.0 - 5.3)		

Note: Rates are expressed per 100,000 population and age-standardised to the World Standard Population

Indices of data quality

There are several indices which are commonly used to assess data quality and reliability of cancer registration.

- Histological verification (%HV) is the percent of cases which have been confirmed by pathological study of tissue or blood. The higher the proportion of histological verification of diagnosis, the more certain it is that the neoplasms reported to the registry actually existed and were correctly diagnosed. This statistic can also be too high, suggesting that clinical diagnoses are not all being registered.
- Death certificate only (%DCO) is the percent of cancers which have not been notified to the registry except by a death certificate. If the proportion of cases registered only by death certification is high then it is probable that there is poor notification from other sources. This implies that non-fatal cases are being missed and that the recorded incidence rates are too low.
- Mortality/incidence ratio (%M/I) is the number of deaths from a cancer in one year divided by the number of new cases of that cancer in the same year (converted to a percentage). If the number of deaths exceeds the number of incident cases of cancer then registration of incident cases may be incomplete. In addition, cancers with high average survival rates should have low M/Is and cancers with low survival rates should have high M/Is.

Indices of data quality, 1983-1987 and 1988-1992.

	% HV		% DCO		% M/I	
	1983-87	1988-92	1983-87	1988-92	1983-87	1988-92
Floor of mouth	89	100	0	0	11	14
Oesophagus	97	93	0	0	89	73
Stomach	95	95	1	2	78	76
Colon	92	93	1	3	42	45
Rectum	99	98	0	0	54	43
Liver	93	100	0	0	53	95
Gallbladder	87	77	0	0	83	64
Pancreas	71	63	2	2	82	94
Unspec digestive organs	33	75	0	0	100	50
Larynx	93	96	0	0	21	32
Lung	87	86	3	2	79	87
Connective tissue	94	100	0	0	53	33
Melanoma of skin	97	98	1	1	11	14
Female breast	92	95	1	0	34	30
Uterus, part unspecified	75		13		25	
Cervix uteri	93	97	0	0	24	25
Ovary	96	90	2	0	79	57
Unspec female genital	83	100	0	0	17	9
Prostate	79	89	4	1	47	33
Testis	90		0		7	
Bladder	93	92	1	0	41	51
Kidney	92	83	2	2	40	41
Brain	90	89	0	3	67	76
Thyroid gland	95	92	0	0	9	4
Unknown primary	74	82	5	5	86	71
Hodkins lymphoma	94	95	0	0	21	37
Multiple myeloma	97	86	0	0	82	47
Lymphoid leukaemia	97	93	0	0	31	40
Myeloid leukaemia	95	98	5	0	63	72
All lymphomas	96	95	0	1	31	35
All leukaemias	96	96	2	0	46	59
All sites	92	92	1	1	44	43

Australian Capital Territory population 1983 - 1992

Males										
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-4	10666	10641	10595	10749	10828	10869	10922	11175	11547	11626
5-9	11445	11278	11172	11006	11143	11322	11317	11393	11558	11506
10-14	12033	12293	12364	12154	12082	11972	11782	11632	11646	11537
15-19	10556	10947	11259	12245	12507	12890	13402	13823	13907	13453
20-24	10745	11014	11316	12146	12208	12343	12323	12705	13622	14846
25-29	10327	10525	11085	11713	12135	12539	12519	12489	12414	12478
30-34	11635	11562	11313	11345	11539	11645	11818	12177	12426	12806
35-39	10939	11621	12294	12518	12325	12350	12144	11941	11910	12002
40-44	7766	8177	8598	9336	10297	11125	11735	12319	12643	12396
45-49	6037	6375	6707	7090	7563	7857	8272	8695	9326	10156
50-54	5058	5141	5261	5385	5585	5825	6156	6516	6820	7202
55-59	4463	4537	4625	4636	4759	4836	4813	4915	4964	5107
60-64	3252	3569	3785	3804	3854	4017	4063	4083	4155	4201
65-69	2031	2047	2187	2385	2636	2840	3108	3267	3393	3416
70-74	1326	1439	1558	1583	1666	1723	1753	1895	2090	2301
75-79	687	744	839	891	947	1027	1110	1188	1284	1344
80-84	322	383	416	425	438	467	514	561	633	688
85+	154	165	175	205	215	247	270	284	298	339

Females										
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-4	10208	10382	10407	10402	10524	10567	10627	10699	10979	11002
5-9	10901	10742	10719	10826	10861	10957	10954	10986	10989	10900
10-14	11569	11874	11985	11766	11631	11457	11310	11246	11251	11081
15-19	10295	10525	10993	11771	12339	12874	13159	13390	13448	13059
20-24	10738	10966	11205	11812	12105	12418	12498	12801	13440	14358
25-29	10984	11062	11289	11699	12029	12256	12272	12384	12582	12573
30-34	11945	11977	11890	11828	11854	12050	12135	12353	12626	12695
35-39	10730	11340	11853	12499	12527	12543	12515	12439	12361	12380
40-44	7598	8091	8638	9094	10061	10981	11509	12088	12561	12442
45-49	5663	5980	6338	6751	7101	7521	7903	8409	8933	9762
50-54	4644	4749	4758	4937	5216	5495	5810	6105	6451	6727
55-59	4391	4381	4425	4285	4321	4357	4426	4489	4674	4859
60-64	3424	3751	3995	3967	4020	4049	4065	4065	4070	4113
65-69	2438	2467	2573	2756	2985	3270	3509	3663	3799	3837
70-74	1767	1935	2096	2148	2216	2285	2352	2444	2698	2894
75-79	1082	1180	1306	1379	1505	1582	1695	1803	1919	2009
80-84	677	724	762	776	830	904	964	1038	1128	1199
85+	487	528	608	598	625	669	708	751	775	865

Source: Australian Bureau of Statistics. Estimated Resident Population by sex and age, States and Territories of Australia. Catalogue No.320.

Glossary

- Age-specific death rate* The number of deaths per 100,000 population for age groups other than under 1 year.
- Age-specific incidence rate* The number of new cases per 100,000 population for all age groups.
- Cancer(malignant neoplasm)* a term used to describe one of several diseases which result when the process of cell division, by which tissues normally grow and renew themselves, becomes uncontrolled and leads to the development of malignant cells.
- Cancer incidence* The number of new cancer cases.
- Confidence interval* The age-standardised rate plus or minus 1.96 multiplied by the standard error of the rate.
- Crude rate* Number of events occurring during the year per 100,000 of the estimated mean resident population at risk.
- Lifetime risk* The measure which approximates the risk of contracting a particular cancer in a lifetime if the risks at the time of estimation remained throughout life.
- Cancer mortality* A death where the primary cause is indicated as cancer. Persons with cancer dying of other causes are not counted in the death statistics in this publication.
- Per cent of all cancers* The proportion that an individual cancer type accounts for among all cancers.
- Prevalence* The number or proportion of the population suffering from a disease at a given point in time or over a given period.
- Sex ratio* The number of males per 100 females.
- Standardised death rate* The overall death rate that would have prevailed in a standard population if it had experience at each age the death rates of the population being studied. The standard population used in this publication is the World Standard Population.

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