

Cancer survival in Australia, 2001

Part 2: Statistical tables

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Cancer survival in Australia, 2001

Part 2: Statistical tables

**Australian Institute of Health and Welfare
and Australasian Association of Cancer Registries**

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- contributed through the State and Territory Cancer Registries the cancer data underpinning the analyses; and
- assisted in refereeing of drafts of the report.

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Content of this report

The report is presented in three volumes. *Part 1: National Summary Statistics* reports on national measures of survival for 19 cancer sites, presenting 1-, 5-, and 10-year relative survival by year of diagnosis and age at diagnosis, as well as detailed tables for all cancers combined. In addition to this information, international comparisons are presented for a selected group of countries for 5-year relative survival. This volume (Part 2) supports the findings in Part 1, presenting detailed tables for each cancer site. Table numbering is aligned with the chapter numbering in Part 1. For example, Tables 3.1 to 3.9 support the analysis presented in Chapter 3 of part 1. The methodology and glossary are found in Part 1 and are not repeated here.

Part 3, to be published later, will present 5-year relative survival proportions for the States and Territories, geographical categories and *SEIFA* quintiles (socioeconomic status).

Internet publication

The tables included in this volume are also published as EXCEL spreadsheets on the Australian Institute of Health and Welfare web-site at www.aihw.gov.au/publications/can/cansurv01/

Detailed tables

This volume (Part 2) is structured around the chapter numbering used in Part 1. For example, Chapter 3 in Part 1 reports on 'All cancers' and in this volume the 'All cancers' tables are numbered from 3.1 to 3.9.

3. All cancers

Table 3.1: All cancers: number of new cases and deaths, and five-year survival proportions, by age and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	2,953	2,357	736	507	74.9	78.0
20–29 years	4,248	4,288	732	546	82.9	87.2
30–39 years	7,940	11,993	1,817	2,071	77.5	82.9
40–49 years	15,602	25,448	5,433	5,534	65.5	78.7
50–59 years	33,515	33,364	14,440	10,122	58.5	70.6
60–69 years	71,761	44,202	35,372	18,693	56.5	60.9
70–79 years	78,420	47,938	47,057	27,036	52.4	50.9
80–89 years	31,580	26,741	24,219	19,765	44.2	41.4
90–99 years	2,878	4,021	2,585	3,540	30.2	32.7
All ages	248,897	200,352	132,391	87,814	56.8	63.4

Table 3.2: Relative survival proportions for all cancers: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	69.7	69.6–69.9	64.5	64.2–64.8	68.0	67.8–68.3	73.6	73.4–73.8
2	60.7	60.6–60.9	54.3	54.0–54.6	58.3	58.0–58.5	65.7	65.4–65.9
3	56.1	55.9–56.2	49.1	48.8–49.4	53.3	53.0–53.6	61.6	61.4–61.8
4	53.1	52.9–53.3	45.9	45.6–46.2	50.3	50.0–50.6	58.9	58.6–59.1
5	50.9	50.8–51.1	43.8	43.4–44.1	48.1	47.8–48.4	56.8	56.6–57.1
6	49.3	49.1–49.4	42.1	41.8–42.4	46.5	46.2–46.8	55.2	54.9–55.5
7	47.9	47.7–48.1	41.0	40.6–41.3	45.2	44.9–45.5	53.7	53.3–54.0
8	46.9	46.7–47.1	40.1	39.8–40.5	44.3	44.0–44.6		
9	46.2	46.0–46.4	39.5	39.1–39.9	43.7	43.3–44.0		
10	45.6	45.4–45.8	38.9	38.6–39.3	43.2	42.8–43.5		
11	45.2	45.0–45.5	38.6	38.2–39.0	42.8	42.4–43.1		
12	45.1	44.8–45.3	38.5	38.1–38.9	42.5	42.1–42.9		
13	44.8	44.5–45.1	38.4	38.0–38.8				
14	44.7	44.4–45.1	38.3	37.9–38.8				
15	44.8	44.4–45.1	38.4	37.9–38.8				

Table 3.3: Relative survival proportions for all cancers: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	75.9	75.8–76.0	73.5	73.3–73.8	75.5	75.2–75.7	77.5	77.4–77.7
2	68.4	68.3–68.6	65.1	64.8–65.4	67.7	67.5–68.0	70.8	70.5–71.0
3	64.3	64.2–64.5	60.4	60.1–60.7	63.6	63.3–63.9	67.2	66.9–67.4
4	61.7	61.5–61.9	57.3	57.0–57.7	60.9	60.6–61.2	64.9	64.7–65.2
5	59.9	59.7–60.1	55.3	55.0–55.7	59.1	58.8–59.4	63.4	63.1–63.6
6	58.5	58.3–58.7	53.8	53.5–54.2	57.7	57.4–58.0	62.2	61.9–62.5
7	57.5	57.3–57.7	52.8	52.4–53.1	56.7	56.4–57.1	61.3	60.9–61.6
8	56.6	56.4–56.8	52.0	51.6–52.3	56.0	55.6–56.3		
9	56.0	55.8–56.2	51.3	50.9–51.7	55.4	55.1–55.8		
10	55.5	55.3–55.8	50.8	50.4–51.2	55.0	54.7–55.4		
11	55.2	55.0–55.4	50.5	50.1–50.9	54.7	54.4–55.1		
12	55.0	54.7–55.2	50.3	49.9–50.7	54.4	54.0–54.8		
13	54.9	54.6–55.1	50.3	49.9–50.7				
14	54.9	54.6–55.2	50.3	49.8–50.7				
15	54.9	54.6–55.2	50.3	49.8–50.7				

Table 3.4: Relative survival proportions for all cancers: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	72.6	72.5–72.7	68.8	68.6–68.9	71.5	71.3–71.7	75.4	75.2–75.5
2	64.3	64.2–64.4	59.4	59.2–59.6	62.7	62.5–62.9	68.0	67.8–68.1
3	60.0	59.8–60.1	54.5	54.3–54.8	58.2	58.0–58.4	64.1	64.0–64.3
4	57.2	57.1–57.3	51.4	51.2–51.7	55.4	55.2–55.6	61.7	61.5–61.8
5	55.2	55.1–55.3	49.4	49.2–49.6	53.4	53.2–53.6	59.9	59.7–60.0
6	53.7	53.6–53.9	47.9	47.6–48.1	52.0	51.8–52.2	58.5	58.3–58.7
7	52.6	52.5–52.7	46.8	46.6–47.1	50.9	50.7–51.1	57.3	57.0–57.5
8	51.7	51.6–51.9	46.1	45.8–46.3	50.1	49.9–50.3		
9	51.1	51.0–51.3	45.5	45.2–45.7	49.6	49.3–49.8		
10	50.7	50.5–50.8	45.0	44.7–45.3	49.2	48.9–49.4		
11	50.4	50.2–50.5	44.7	44.5–45.0	48.9	48.6–49.2		
12	50.2	50.0–50.4	44.6	44.4–44.9	48.6	48.3–48.9		
13	50.1	49.9–50.3	44.6	44.3–44.9				
14	50.1	49.9–50.4	44.7	44.4–45.0				
15	50.2	50.0–50.5	44.7	44.4–45.1				

Table 3.5: Relative survival proportions for all cancers: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19	73.0	72.0–74.1	68.4	66.4–70.4	75.3	73.5–77.1	74.9	73.2–76.5
20–29	80.6	79.8–81.4	77.4	75.8–79.0	80.4	79.0–81.8	82.9	81.7–84.1
30–39	75.3	74.6–75.9	73.0	71.7–74.3	74.4	73.3–75.6	77.5	76.5–78.5
40–49	61.4	60.8–61.9	55.3	54.2–56.3	60.4	59.4–61.3	65.5	64.7–66.3
50–59	50.9	50.5–51.3	42.7	42.1–43.4	48.2	47.5–48.9	58.5	57.9–59.1
60–69	48.4	48.1–48.7	39.8	39.2–40.3	43.9	43.4–44.4	56.5	56.1–57.0
70–79	46.1	45.8–46.4	37.6	37.0–38.3	42.4	41.8–43.0	52.4	51.9–52.9
80–89	40.6	39.9–41.3	34.9	33.5–36.3	38.4	37.2–39.6	44.2	43.2–45.3
90–99	31.6	28.6–34.5	31.5	25.3–37.8	32.9	27.2–38.6	30.2	26.1–34.4
All ages	50.9	50.8–51.1	43.8	43.4–44.1	48.1	47.8–48.4	56.8	56.6–57.1

Table 3.6: Relative survival proportions for all cancers: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19	76.1	75.0–77.2	72.3	70.2–74.5	77.0	75.1–78.9	78.0	76.2–79.8
20–29	85.7	85.0–86.3	83.7	82.4–85.0	85.5	84.3–86.7	87.2	86.2–88.3
30–39	80.1	79.6–80.5	76.8	75.9–77.8	79.4	78.6–80.3	82.9	82.2–83.6
40–49	74.8	74.4–75.2	69.2	68.4–70.0	73.7	73.1–74.4	78.7	78.1–79.3
50–59	65.1	64.7–65.5	58.4	57.7–59.1	63.5	62.8–64.2	70.6	70.1–71.2
60–69	56.3	56.0–56.7	50.9	50.2–51.5	55.3	54.7–55.9	60.9	60.3–61.4
70–79	47.8	47.4–48.1	43.3	42.6–44.1	47.0	46.4–47.7	50.9	50.3–51.5
80–89	39.6	39.0–40.2	36.6	35.4–37.8	39.5	38.3–40.6	41.4	40.4–42.3
90–99	33.1	30.9–35.4	34.4	29.6–39.1	32.5	28.6–36.5	32.7	29.2–36.1
All ages	59.9	59.7–60.1	55.3	55.0–55.7	59.1	58.8–59.4	63.4	63.1–63.6

Table 3.7: Relative survival proportions for all cancers: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19	74.4	73.6–75.1	70.1	68.6–71.6	76.1	74.7–77.4	76.3	75.0–77.5
20–29	83.2	82.7–83.7	80.7	79.7–81.8	83.0	82.1–83.9	85.1	84.3–85.9
30–39	78.2	77.8–78.6	75.4	74.6–76.1	77.5	76.8–78.2	80.8	80.2–81.3
40–49	69.6	69.3–69.9	63.7	63.1–64.4	68.5	67.9–69.1	73.7	73.2–74.2
50–59	57.9	57.7–58.2	50.3	49.8–50.8	55.7	55.3–56.2	64.6	64.2–65.0
60–69	51.7	51.5–51.9	44.6	44.2–45.0	48.8	48.4–49.2	58.2	57.9–58.6
70–79	46.8	46.6–47.1	40.2	39.7–40.7	44.4	44.0–44.9	51.8	51.4–52.2
80–89	40.1	39.6–40.5	35.8	34.9–36.8	39.0	38.2–39.8	42.7	42.0–43.4
90–99	32.5	30.7–34.3	33.4	29.6–37.2	32.7	29.4–35.9	31.6	28.9–34.2
All ages	55.2	55.1–55.3	49.4	49.2–49.6	53.4	53.2–53.6	59.9	59.7–60

Table 3.8: Relative survival proportions for all cancers: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	48	59
Denmark (1985–1989)	32	47
England and Wales (1986–1990)	31	43
Europe* (1985–1989)	35	50
Finland (1985–1989)	38	54
Iceland (1985–1989)	47	56
Italy (1985–1989)	34	52
Scotland (1985–1989)	29	41
United States (1984–1990)	58	61

* Weighted average.

Table 3.9: Number of new cases and deaths and five-year relative survival proportions: by cancer site and sex, Australia, 1992–1997

Cancer site	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
All cancers (140-208) (excluding 173)	248,897	200,352	132,391	87,814	56.8	63.4
Stomach (151)	7,166	3,860	5,925	3,043	22.6	24.8
Colon (153)	20,388	19,574	10,622	9,890	58.3	58.7
Rectum (154)	13,461	8,988	6,973	4,263	56.6	60.6
Pancreas (157)	4,600	4,415	4,396	4,218	5.4	5.2
Lung (162)	30,545	13,352	27,575	11,611	11.0	14.0
Melanoma (172)	24,060	19,582	5,058	2,513	90.0	94.6
Breast (174)	—	55,815	—	12,889	—	84.0
Uterus (179, 182)	—	7,844	—	2,154	—	81.4
Cervix (180)	—	5,803	—	1,732	—	74.6
Ovary (183)	—	6,621	—	4,006	—	42.0
Prostate (185)	63,055	—	23,196	—	82.7	—
Testis (186)	3,130	—	187	—	95.4	—
Bladder (188)	11,269	3,714	5,004	1,752	70.8	64.7
Kidney (189)	6,718	4,466	3,289	2,234	59.9	57.5
Brain (191)	4,073	2,996	3,175	2,326	23.8	23.8
Thyroid (193)	1,183	3,435	225	287	87.9	95.6
Unknown primary (195– 199)	8,966	7,995	7,991	7,230	13.4	11.5
Hodgkin's lymphoma (201)	1,198	996	264	193	82.6	84.4
Non-Hodgkin's lymphoma (200, 202)	4,852	3,919	2,765	2,151	54.6	55.8
Leukaemia (204–208)	6,646	4,991	4,334	3,121	41.2	43.2

4. Cancer of the stomach

Table 4.1: Cancer of the stomach: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	1	2	0	1	*	*
20–29 years	27	22	20	13	24.8	45.6
30–39 years	121	87	84	46	30.6	43.5
40–49 years	419	230	293	141	30.6	38.1
50–59 years	922	365	666	248	27.6	31.4
60–69 years	1,990	814	1,555	597	23.5	26.6
70–79 years	2,388	1,214	2,014	992	18.7	19.8
80–89 years	1,181	981	1,065	865	17.0	19.7
90–99 years	117	145	114	140	6.1	11.0
All ages	7,166	3,860	5,811	3,043	22.6	24.8

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 4.2: Cancer of the stomach relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	44.0	43.3–44.8	40.7	39.4–42.0	44.5	43.1–45.8	46.4	45.1–47.6
2	30.5	29.8–31.2	27.3	26.0–28.5	31.1	29.8–32.3	32.6	31.5–33.8
3	25.4	24.7–26.1	23.0	21.8–24.2	25.4	24.1–26.6	27.3	26.1–28.4
4	22.8	22.1–23.5	20.6	19.4–21.8	22.9	21.6–24.1	24.5	23.3–25.6
5	21.3	20.6–22.0	19.2	18.0–20.4	21.6	20.4–22.9	22.6	21.4–23.8
6	20.7	20.0–21.4	18.7	17.4–19.9	21.1	19.8–22.4	21.8	20.5–23.1
7	20.3	19.5–21.0	18.3	17.0–19.5	20.5	19.2–21.9	21.6	20.1–23.0
8	20.2	19.4–21.0	18.3	17.0–19.6	20.5	19.1–21.8		
9	19.9	19.1–20.8	18.1	16.8–19.4	20.1	18.7–21.5		
10	20.1	19.2–21.0	18.3	17.0–19.7	20.1	18.7–21.6		
11	19.9	18.9–20.8	18.3	16.8–19.7	19.5	17.9–21.1		
12	19.9	18.9–20.9	18.3	16.8–19.7	19.8	18.0–21.5		
13	20.0	18.9–21.1	18.4	16.8–19.9				
14	20.4	19.2–21.6	18.8	17.2–20.4				
15	20.8	19.5–22.1	19.1	17.4–20.8				

Table 4.3: Cancer of the stomach relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	43.9	42.9–44.9	41.4	39.6–43.2	42.7	40.9–44.5	47.0	45.3–48.6
2	31.0	30.0–32.0	29.1	27.4–30.8	29.5	27.8–31.2	33.8	32.2–35.4
3	26.4	25.4–27.3	24.5	22.9–26.1	25.5	23.8–27.1	28.6	27.0–30.2
4	23.8	22.8–24.7	21.9	20.3–23.5	22.8	21.1–24.4	26.2	24.6–27.8
5	22.8	21.8–23.8	21.1	19.5–22.8	21.8	20.2–23.5	24.8	23.1–26.5
6	22.5	21.5–23.5	21.0	19.3–22.7	21.4	19.7–23.1	24.7	22.9–26.5
7	22.3	21.3–23.4	21.1	19.3–22.9	21.1	19.4–22.9	23.9	21.8–25.9
8	22.3	21.2–23.4	21.1	19.3–22.9	21.2	19.4–23.0		
9	22.4	21.3–23.6	21.6	19.7–23.5	20.9	19.0–22.8		
10	22.7	21.5–23.9	21.7	19.7–23.7	21.4	19.4–23.4		
11	22.8	21.5–24.1	21.8	19.7–23.8	21.7	19.6–23.8		
12	22.6	21.3–24.0	21.7	19.6–23.8	21.0	18.7–23.4		
13	22.9	21.4–24.4	22.1	19.9–24.3				
14	23.8	22.2–25.4	22.9	20.6–25.2				
15	24.2	22.4–25.9	23.3	20.8–25.7				

Table 4.4: Cancer of the stomach relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	44.0	43.4–44.6	40.9	39.9–42.0	43.8	42.8–44.9	46.6	45.6–47.5
2	30.7	30.1–31.2	27.9	26.9–28.9	30.5	29.5–31.5	33.0	32.1–34.0
3	25.7	25.2–26.3	23.5	22.6–24.5	25.4	24.4–26.4	27.7	26.8–28.7
4	23.1	22.6–23.7	21.0	20.1–22.0	22.8	21.8–23.8	25.1	24.1–26.0
5	21.8	21.2–22.4	19.9	18.9–20.8	21.7	20.7–22.7	23.4	22.4–24.4
6	21.4	20.8–22.0	19.5	18.5–20.5	21.2	20.2–22.2	22.8	21.7–23.9
7	21.0	20.4–21.6	19.3	18.3–20.3	20.8	19.7–21.8	22.4	21.2–23.5
8	21.0	20.3–21.6	19.3	18.2–20.3	20.8	19.7–21.8		
9	20.8	20.2–21.5	19.4	18.3–20.5	20.4	19.3–21.5		
10	21.0	20.3–21.8	19.6	18.4–20.7	20.6	19.4–21.8		
11	20.9	20.2–21.7	19.5	18.4–20.7	20.3	19.0–21.6		
12	20.9	20.1–21.7	19.5	18.3–20.7	20.2	18.8–21.6		
13	21.0	20.2–21.9	19.7	18.4–21.0				
14	21.7	20.7–22.6	20.3	19.0–21.6				
15	22.0	21.0–23.0	20.6	19.2–22.0				

Table 4.5: Cancer of the stomach five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	60.3	17.1–100.5	*		33.6	0.0–87.2	*	
20–29 years	34.4	22.0–46.7	45.3	23.4–67.3	36.6	8.0–65.2	24.8	7.9–41.8
30–39 years	28.2	23.3–33.2	31.2	22.6–39.8	21.7	13.7–29.8	30.6	21.6–39.6
40–49 years	30.5	27.6–33.3	27.5	22.5–32.4	33.8	28.7–39.0	30.6	25.9–35.3
50–59 years	25.3	23.6–27.1	22.9	20.0–25.7	25.8	22.7–29.0	27.6	24.4–30.8
60–69 years	22.5	21.3–23.8	20.7	18.5–22.8	22.8	20.6–25.0	23.5	21.3–25.7
70–79 years	17.0	15.8–18.2	14.0	12.0–15.9	17.5	15.4–19.5	18.7	16.6–20.8
80–89 years	14.2	12.1–16.3	10.1	6.7–13.5	13.6	10.1–17.0	17.0	13.5–20.6
90–99 years	4.5	0.0–10.4	5.6	0.0–16.6	*		6.1	0.0–16.4
All ages	21.3	20.6–22.0	19.2	18–20.4	21.6	20.3–22.9	22.6	21.4–23.8

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 4.6: Cancer of the stomach five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	40.1	0.0–83.1	*		50.1	0.0–100.2	*	
20–29 years	34.9	22.7–47.1	36.9	15.2–58.7	27.3	8.7–46.0	45.6	24.7–66.4
30–39 years	39.8	33.6–46.1	35.5	23.9–47.2	38.2	28.2–48.2	43.5	32.0–54.9
40–49 years	36.9	32.8–41.0	34.8	27.3–42.2	36.7	29.3–44.2	38.1	31.3–44.8
50–59 years	31.7	28.7–34.7	34.7	29.5–39.9	29.1	23.9–34.4	31.4	26.2–36.6
60–69 years	23.8	21.9–25.8	21.4	18.2–24.6	23.3	19.9–26.8	26.6	23.2–30.0
70–79 years	18.6	17.0–20.1	16.7	14.0–19.3	18.4	15.7–21.1	19.8	17.1–22.6
80–89 years	15.3	13.3–17.3	12.3	9.1–15.5	12.8	9.5–16.1	19.7	15.8–23.5
90–99 years	9.1	3.8–14.3	4.9	0.0–11.7	11.8	1.6–22.0	11.0	1.5–20.4
All ages	22.8	21.8–23.8	21.1	19.5–22.8	21.8	20.2–23.5	24.8	23.1–26.5

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here..

Table 4.7: Cancer of the stomach five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	50.2	19.1–81.3	50.1	0.0–100.2	40.2	0.0–83.3	66.8	13.4–100.2
20–29 years	34.8	26.1–43.5	41.2	25.7–56.7	30.4	14.7–46.2	34.1	20.5–47.7
30–39 years	33.1	29.2–37.1	32.8	25.9–39.7	29.6	23.1–36.0	36.1	28.9–43.2
40–49 years	32.6	30.3–35.0	29.9	25.8–34.1	34.8	30.6–39.0	33.3	29.5–37.1
50–59 years	27.1	25.6–28.6	26.1	23.6–28.6	26.7	24.0–29.5	28.7	26.0–31.4
60–69 years	22.9	21.9–24.0	20.9	19.1–22.7	23.0	21.1–24.8	24.4	22.6–26.2
70–79 years	17.6	16.6–18.5	15.0	13.4–16.6	17.8	16.2–19.5	19.1	17.5–20.8
80–89 years	14.8	13.3–16.2	11.3	9.0–13.7	13.2	10.8–15.5	18.3	15.6–20.9
90–99 years	7.6	3.6–11.7	5.1	0.0–10.9	9.3	1.2–17.3	8.8	1.7–15.8
All ages	21.8	21.2–22.4	19.9	18.9–20.8	21.7	20.7–22.7	23.4	22.4–24.4

Table 4.8: Cancer of the stomach five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	22	22
Denmark (1985–1989)	13	15
England (1986–1990)	9	11
Europe* (1985–1989)	21	24
Finland (1985–1989)	21	20
Iceland (1985–1989)	21	31
Italy (1985–1989)	22	27
Scotland (1985–1989)	10	12
United States (1984–1990)	19	25
Wales (1986–1990)	8	12

* Weighted average.

5. Cancer of the colon

Table 5.1: Cancer of the colon: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	11	14	2	2	82.2	85.9
20–29 years	55	62	21	19	63.2	68.7
30–39 years	249	272	92	92	63.8	68.1
40–49 years	1,115	1,045	430	409	60.9	59.5
50–59 years	3,116	2,652	1,263	1,038	61.1	61.4
60–69 years	6,218	4,708	2,871	1,980	59.4	60.7
70–79 years	6,551	6,171	3,697	3,126	56.8	57.4
80–89 years	2,828	4,005	2,030	2,666	51.5	54.6
90–99 years	245	645	216	558	33.3	37.1
All ages	20,388	19,574	10,622	9,890	58.3	58.7

Table 5.2: Cancer of the colon relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	75.3	74.8–75.7	71.8	70.9–72.7	74.8	74.0–75.6	77.6	77.0–78.3
2	65.9	65.4–66.4	61.3	60.3–62.3	65.1	64.2–66.0	69.2	68.5–69.9
3	60.7	60.2–61.3	55.5	54.5–56.6	59.8	58.8–60.7	64.5	63.7–65.3
4	57.3	56.7–57.8	52.1	51.0–53.1	56.6	55.6–57.6	60.8	59.9–61.7
5	55.2	54.6–55.8	50.2	49.0–51.3	54.7	53.6–55.7	58.3	57.4–59.3
6	53.6	53.0–54.2	48.7	47.5–49.9	53.2	52.2–54.3	56.6	55.5–57.6
7	52.5	51.9–53.2	48.0	46.8–49.2	51.9	50.8–53.0	55.3	54.1–56.5
8	52.0	51.3–52.7	47.5	46.3–48.8	51.5	50.4–52.7		
9	51.8	51.1–52.6	47.5	46.2–48.8	51.3	50.1–52.5		
10	51.6	50.7–52.4	47.2	45.9–48.6	51.0	49.7–52.3		
11	51.5	50.6–52.4	47.2	45.8–48.6	50.9	49.6–52.3		
12	51.5	50.6–52.4	47.3	45.8–48.8	50.5	49.0–52.1		
13	51.2	50.2–52.2	47.2	45.7–48.7				
14	51.2	50.1–52.4	47.2	45.6–48.8				
15	50.7	49.4–52.0	46.7	45.0–48.4				

Table 5.3: Cancer of the colon relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	74.1	73.7–74.6	71.7	70.9–72.6	73.7	72.9–74.5	76.0	75.3–76.6
2	64.9	64.4–65.3	61.7	60.8–62.6	64.2	63.4–65.1	67.3	66.6–68.1
3	59.9	59.3–60.4	56.1	55.1–57.1	59.4	58.5–60.3	62.6	61.8–63.4
4	57.0	56.5–57.6	52.8	51.8–53.9	56.3	55.4–57.3	60.4	59.6–61.2
5	55.4	54.8–56.0	51.3	50.3–52.4	54.7	53.7–55.7	58.7	57.7–59.6
6	54.4	53.8–55.0	50.4	49.3–51.5	53.8	52.7–54.8	57.8	56.8–58.8
7	53.8	53.1–54.4	49.8	48.6–50.9	53.0	51.9–54.1	57.2	56.0–58.3
8	53.3	52.6–53.9	49.3	48.2–50.5	52.4	51.3–53.5		
9	53.0	52.2–53.7	49.0	47.8–50.2	52.1	50.9–53.2		
10	52.8	52.1–53.6	48.9	47.6–50.1	52.0	50.8–53.2		
11	52.7	51.9–53.5	48.8	47.5–50.1	51.8	50.5–53.1		
12	52.8	51.9–53.7	49.0	47.6–50.3	51.6	50.2–53.1		
13	53.0	52.1–54.0	49.2	47.8–50.6				
14	53.0	51.9–54.0	49.2	47.7–50.6				
15	53.6	52.5–54.8	49.8	48.2–51.3				

Table 5.4: Cancer of the colon relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	74.7	74.4–75.0	71.7	71.1–72.4	74.3	73.7–74.8	76.8	76.4–77.3
2	65.4	65.0–65.7	61.5	60.8–62.2	64.7	64.0–65.3	68.3	67.8–68.8
3	60.3	59.9–60.7	55.8	55.1–56.5	59.6	58.9–60.3	63.6	63.0–64.1
4	57.1	56.8–57.5	52.5	51.7–53.2	56.5	55.8–57.2	60.6	60.0–61.2
5	55.3	54.9–55.7	50.8	50.0–51.5	54.7	54.0–55.4	58.5	57.8–59.2
6	54.0	53.6–54.5	49.6	48.8–50.4	53.5	52.8–54.2	57.2	56.4–57.9
7	53.2	52.7–53.6	48.9	48.1–49.8	52.5	51.7–53.2	56.2	55.4–57.1
8	52.6	52.2–53.1	48.5	47.6–49.3	52.0	51.2–52.8		
9	52.4	51.9–52.9	48.3	47.4–49.2	51.7	50.9–52.5		
10	52.2	51.7–52.8	48.1	47.2–49.0	51.5	50.6–52.4		
11	52.1	51.5–52.7	48.1	47.1–49.0	51.4	50.4–52.3		
12	52.2	51.5–52.8	48.2	47.2–49.2	51.1	50.0–52.1		
13	52.2	51.5–52.9	48.3	47.2–49.3				
14	52.2	51.4–52.9	48.3	47.2–49.3				
15	52.3	51.4–53.1	48.4	47.2–49.5				

Table 5.5: Cancer of the colon five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	71.2	54.0–88.4	71.9	38.2–100.7	60.3	29.8–90.9	82.2	59.3–100.5
20–29 years	63.6	56.0–71.2	67.1	53.7–80.5	61.1	48.2–74.0	63.2	50.2–76.2
30–39 years	58.1	54.4–61.9	51.8	45.6–58.1	59.8	53.2–66.5	63.8	57.5–70.1
40–49 years	57.4	55.5–59.4	54.0	50.4–57.6	55.4	51.9–58.9	60.9	57.7–64.1
50–59 years	56.9	55.6–58.1	51.5	49.2–53.7	56.4	54.3–58.5	61.1	59.1–63.0
60–69 years	55.7	54.8–56.7	50.0	48.2–51.9	55.0	53.3–56.6	59.4	57.9–60.9
70–79 years	53.8	52.7–55.0	47.6	45.3–49.8	54.2	52.2–56.3	56.8	55.1–58.6
80–89 years	50.9	48.4–53.3	50.7	45.5–55.8	48.2	44.0–52.4	51.5	47.8–55.3
90–99 years	36.8	26.1–47.4	40.7	16.7–64.6	37.1	17.8–56.3	33.3	18.0–48.7
All ages	55.2	54.6–55.8	50.2	49–51.3	54.7	53.6–55.7	58.3	57.4–59.3

Table 5.6: Cancer of the colon five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	82.3	67.8–96.7	60.1	17.1–100.2	91.1	74.1–100.2	85.9	67.5–100.2
20–29 years	68.4	61.1–75.7	76.8	64.7–88.9	60.1	46.5–73.8	68.7	56.8–80.6
30–39 years	60.7	57.1–64.2	57.7	51.6–63.9	56.2	49.8–62.5	68.1	62.3–73.9
40–49 years	58.2	56.3–60.2	55.5	52.0–58.9	59.3	56.0–62.7	59.5	56.2–62.7
50–59 years	57.5	56.3–58.8	53.0	50.7–55.2	57.4	55.2–59.6	61.4	59.3–63.4
60–69 years	57.2	56.1–58.2	53.4	51.5–55.3	55.9	54.2–57.7	60.7	59.0–62.3
70–79 years	54.1	53.1–55.1	49.6	47.6–51.5	53.3	51.5–55.1	57.4	55.8–59.1
80–89 years	50.4	48.7–52.2	44.3	41.1–47.5	49.5	46.4–52.6	54.6	51.9–57.3
90–99 years	38.3	32.4–44.3	38.4	26.4–50.3	37.9	27.6–48.2	37.1	28.0–46.2
All ages	55.4	54.8–56.0	51.3	50.3–52.4	54.7	53.7–55.7	58.7	57.7–59.6

Table 5.7: Cancer of the colon five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	77.2	66.1–88.3	67.0	40.2–93.8	76.5	58.2–94.7	84.3	69.9–98.7
20–29 years	66.0	60.7–71.2	71.9	62.8–81.0	60.7	51.3–70.0	66.2	57.4–75.0
30–39 years	59.4	56.9–62.0	54.8	50.4–59.2	57.9	53.3–62.5	66.1	61.8–70.3
40–49 years	57.8	56.5–59.2	54.8	52.3–57.3	57.4	55.0–59.8	60.2	57.9–62.5
50–59 years	57.2	56.3–58.1	52.2	50.6–53.8	56.9	55.3–58.4	61.2	59.8–62.6
60–69 years	56.4	55.7–57.1	51.6	50.3–52.9	55.4	54.2–56.6	60.0	58.9–61.1
70–79 years	54.0	53.2–54.7	48.7	47.2–50.1	53.8	52.4–55.1	57.1	55.9–58.3
80–89 years	50.6	49.2–52.0	46.3	43.6–49.0	49.0	46.6–51.5	53.5	51.3–55.7
90–99 years	38.0	32.8–43.2	38.9	28.1–49.6	37.7	28.6–46.8	36.1	28.3–44.0
All ages	55.3	54.9–55.7	50.8	50–51.5	54.7	54–55.4	58.5	57.8–59.2

Table 5.8: Cancer of the colon five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	55	55
Denmark (1985–1989)	40	43
England (1986–1990)	38	39
Europe* (1985–1989)	48	48
Finland (1985–1989)	49	52
Italy (1985–1989)	45	51
Iceland (1985–1989)	48	48
Scotland (1985–1989)	41	41
United States (1984–1990)	62	61
Wales (1986–1990)	35	37

* Weighted average.

6. Cancer of the rectum

Table 6.1: Cancer of the rectum: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	2	3	1	1	*	*
20–29 years	30	27	15	12	46.3	58.7
30–39 years	180	208	64	71	64.4	63.1
40–49 years	907	659	359	226	59.3	64.9
50–59 years	2,448	1,475	996	520	60.6	65.2
60–69 years	4,370	2,211	2,113	890	56.6	62.9
70–79 years	4,013	2,635	2,298	1,287	54.1	59.6
80–89 years	1,390	1,535	1,026	1,046	49.3	49.7
90–99 years	121	235	101	210	53.7	27.5
All ages	13,461	8,988	6,973	4,263	56.6	60.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 6.2: Cancer of the rectum relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	80.2	79.7–80.7	77.9	76.9–79.0	79.0	78.0–79.9	82.2	81.5–82.9
2	69.2	68.6–69.8	65.1	63.8–66.3	68.0	66.9–69.1	72.2	71.3–73.0
3	61.5	60.9–62.2	56.9	55.6–58.3	59.9	58.7–61.1	65.1	64.1–66.1
4	56.6	56.0–57.3	51.9	50.6–53.3	55.2	54.0–56.5	60.2	59.1–61.2
5	52.9	52.2–53.7	48.7	47.3–50.1	51.2	49.9–52.4	56.6	55.5–57.8
6	50.5	49.7–51.2	46.9	45.5–48.3	48.7	47.4–50.0	53.5	52.2–54.8
7	48.7	47.9–49.5	45.6	44.1–47.1	46.8	45.5–48.1	51.4	49.9–52.9
8	47.5	46.7–48.4	44.9	43.3–46.4	45.4	44.0–46.8		
9	46.7	45.7–47.6	43.9	42.3–45.5	44.7	43.2–46.1		
10	46.3	45.3–47.3	43.8	42.2–45.4	44.1	42.6–45.6		
11	46.0	45.0–47.1	43.6	41.9–45.3	43.7	42.1–45.3		
12	45.9	44.8–47.0	43.6	41.9–45.4	43.1	41.3–44.9		
13	45.7	44.5–47.0	43.7	41.8–45.5				
14	44.9	43.6–46.3	42.9	41.0–44.8				
15	45.5	44.0–47.0	43.4	41.4–45.4				

Table 6.3: Cancer of the rectum relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	80.6	80.0–81.2	77.6	76.5–78.8	80.4	79.3–81.4	82.6	81.8–83.5
2	70.6	69.9–71.3	66.5	65.1–67.9	70.2	68.9–71.5	73.4	72.4–74.4
3	64.1	63.4–64.9	59.3	57.8–60.7	63.3	62.0–64.7	67.7	66.6–68.9
4	59.7	58.9–60.5	54.9	53.4–56.4	58.4	57.0–59.8	63.8	62.6–65.1
5	57.0	56.1–57.8	52.3	50.7–53.8	56.0	54.6–57.5	60.6	59.2–61.9
6	54.8	53.9–55.7	50.1	48.5–51.7	53.7	52.2–55.3	58.9	57.4–60.4
7	53.6	52.7–54.6	49.2	47.5–50.8	52.4	50.8–54.0	57.8	56.1–59.4
8	53.0	52.0–53.9	49.1	47.3–50.8	51.4	49.8–53.0		
9	52.6	51.6–53.7	49.0	47.2–50.8	50.8	49.1–52.5		
10	52.9	51.8–54.0	49.3	47.4–51.1	51.0	49.3–52.8		
11	52.4	51.2–53.6	48.7	46.8–50.6	50.7	48.9–52.6		
12	52.7	51.5–54.0	49.0	47.0–50.9	51.1	49.1–53.2		
13	53.1	51.8–54.5	49.4	47.4–51.4				
14	53.3	51.8–54.8	49.5	47.4–51.6				
15	53.4	51.7–55.0	49.6	47.4–51.8				

Table 6.4: Cancer of the rectum relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	80.4	80.0–80.7	77.8	77.0–78.6	79.5	78.8–80.2	82.4	81.9–82.9
2	69.8	69.3–70.2	65.7	64.8–66.6	68.9	68.1–69.7	72.7	72.0–73.3
3	62.6	62.1–63.1	58.0	57.0–58.9	61.3	60.4–62.2	66.2	65.4–66.9
4	57.9	57.4–58.5	53.2	52.2–54.3	56.6	55.6–57.5	61.7	60.9–62.5
5	54.6	54.1–55.2	50.3	49.2–51.3	53.2	52.3–54.2	58.3	57.4–59.1
6	52.3	51.7–52.9	48.3	47.2–49.4	50.8	49.8–51.8	55.7	54.7–56.7
7	50.8	50.2–51.4	47.2	46.1–48.3	49.2	48.1–50.2	54.1	52.9–55.2
8	49.9	49.2–50.5	46.8	45.6–47.9	47.9	46.9–49.0		
9	49.2	48.6–49.9	46.2	45.0–47.4	47.3	46.2–48.4		
10	49.2	48.4–49.9	46.3	45.0–47.5	47.1	45.9–48.2		
11	48.8	48.1–49.6	46.0	44.7–47.2	46.7	45.5–48.0		
12	48.9	48.1–49.7	46.1	44.8–47.4	46.6	45.3–48.0		
13	49.0	48.1–49.9	46.3	44.9–47.7				
14	48.7	47.7–49.7	45.9	44.5–47.4				
15	49.0	47.9–50.1	46.3	44.8–47.8				

Table 6.5: Cancer of the rectum five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	53.6	4.7–100.5	*		*		*	
20–29 years	45.8	33.5–58.1	43.6	25.8–61.5	54.2	26.9–81.5	46.3	23.8–68.7
30–39 years	59.9	55.1–64.7	61.8	52.5–71.2	53.2	45.0–61.4	64.4	56.8–71.9
40–49 years	56.2	53.9–58.5	52.1	47.6–56.6	55.1	51.0–59.2	59.3	55.6–62.9
50–59 years	55.3	53.9–56.8	50.1	47.4–52.7	53.7	51.2–56.1	60.6	58.4–62.9
60–69 years	52.9	51.7–54.1	49.6	47.4–51.9	50.3	48.2–52.3	56.6	54.8–58.5
70–79 years	51.4	49.9–52.9	46.3	43.4–49.3	50.5	47.9–53.1	54.1	51.8–56.4
80–89 years	44.8	41.5–48.1	37.6	31.2–44.0	44.3	38.7–49.8	49.3	44.1–54.6
90–99 years	44.9	28.5–61.3	21.3	0.0–44.9	43.9	13.1–74.6	53.7	28.4–79.1
All ages	52.9	52.2–53.7	48.7	47.3–50.1	51.2	49.9–52.4	56.6	55.5–57.8

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 6.6: Cancer of the rectum five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	60.5	48.8–72.3	60.2	35.3–85.0	62.2	44.5–79.9	58.7	38.3–79.1
30–39 years	64.9	60.4–69.5	62.5	52.9–72.2	67.6	60.2–75.0	63.1	55.7–70.5
40–49 years	62.0	59.4–64.6	57.1	52.2–62.0	61.9	57.3–66.6	64.9	60.8–69.0
50–59 years	61.3	59.6–63.1	57.8	54.5–61.1	59.6	56.4–62.8	65.2	62.5–68.0
60–69 years	59.0	57.6–60.5	53.9	51.2–56.6	58.9	56.4–61.5	62.9	60.6–65.3
70–79 years	54.9	53.3–56.5	48.7	45.8–51.7	53.3	50.5–56.1	59.6	57.1–62.2
80–89 years	46.1	43.3–48.8	42.3	37.0–47.5	43.2	38.5–48.0	49.7	45.3–54.0
90–99 years	27.6	19.3–36.0	20.7	5.8–35.5	30.9	16.0–45.8	27.5	14.4–40.6
All ages	57.0	56.1–57.8	52.3	50.7–53.8	56.0	54.6–57.5	60.6	59.2–61.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 6.7: Cancer of the rectum five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	33.5	0.7–66.2	*		50.2	1.0–99.3	*	
20–29 years	53.1	44.6–61.7	49.2	34.5–63.8	59.7	44.8–74.6	51.6	36.5–66.8
30–39 years	62.5	59.2–65.8	62.2	55.5–68.9	60.6	55.1–66.2	63.7	58.4–69.0
40–49 years	58.7	57.0–60.4	54.4	51.1–57.7	58.0	54.9–61.1	61.6	58.9–64.4
50–59 years	57.6	56.5–58.7	53.0	51.0–55.1	55.8	53.8–57.7	62.4	60.6–64.1
60–69 years	55.2	54.3–56.1	51.4	49.6–53.1	53.6	52.0–55.2	58.9	57.4–60.3
70–79 years	53.0	51.9–54.1	47.5	45.4–49.6	51.8	49.8–53.7	56.5	54.8–58.2
80–89 years	45.6	43.4–47.7	40.4	36.4–44.5	43.7	40.1–47.3	49.5	46.1–52.8
90–99 years	32.4	24.7–40.0	20.9	8.3–33.4	34.1	20.5–47.7	35.5	23.3–47.6
All ages	54.6	54.1–55.2	50.3	49.2–51.3	53.2	52.3–54.2	58.3	57.4–59.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 6.8: Cancer of the rectum five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	51	56
Denmark (1985–1989)	39	42
England (1986–1990)	37	39
Europe* (1985–1989)	44	44
Finland (1985–1989)	49	47
Iceland (1985–1989)	58	54
Italy (1985–1989)	45	45
Scotland (1985–1989)	38	39
United States (1984–1990)	59	60
Wales (1986–1990)	36	38

* Weighted average.

7. Cancer of the pancreas

Table 7.1: Cancer of the pancreas: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	1	7	1	2	*	68.7
20–29 years	7	11	6	5	14.4	50.0
30–39 years	51	42	43	32	11.2	24.5
40–49 years	235	152	211	122	9.7	19.3
50–59 years	632	369	590	340	6.9	5.8
60–69 years	1,308	958	1,243	911	6.2	4.9
70–79 years	1,573	1,523	1,520	1,480	3.0	3.2
80–89 years	727	1,150	717	1,124	2.4	3.3
90–99 years	66	203	65	202	10.5	3.2
All ages	4,600	4,415	4,396	4,218	5.4	5.2

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 7.2: Cancer of the pancreas relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	18.0	17.2–18.7	16.4	15.1–17.8	17.3	16.0–18.7	19.5	18.3–20.6
2	8.1	7.6–8.7	7.6	6.6–8.6	7.7	6.8–8.7	8.8	8.0–9.7
3	5.8	5.3–6.2	5.3	4.4–6.1	5.1	4.3–5.9	6.6	5.8–7.4
4	5.1	4.6–5.5	4.5	3.7–5.4	4.4	3.6–5.2	6.0	5.2–6.7
5	4.8	4.3–5.2	4.2	3.4–5.0	4.4	3.6–5.2	5.4	4.6–6.2
6	4.3	3.8–4.8	3.9	3.1–4.7	3.9	3.2–4.7	4.7	3.8–5.5
7	4.1	3.6–4.6	3.8	3.0–4.6	3.8	3.1–4.6	4.2	3.3–5.2
8	4.0	3.5–4.5	3.6	2.8–4.4	3.9	3.1–4.7		
9	4.1	3.6–4.6	3.6	2.8–4.5	4.1	3.2–4.9		
10	4.1	3.6–4.7	3.6	2.8–4.5	4.1	3.2–5.0		
11	4.2	3.6–4.8	3.7	2.8–4.7	4.1	3.2–5.1		
12	4.2	3.5–4.8	3.7	2.8–4.7	4.0	3.0–5.0		
13	4.2	3.5–4.8	3.7	2.7–4.7				
14	4.4	3.7–5.2	4.0	2.9–5.0				
15	4.5	3.7–5.3	4.0	2.9–5.1				

Table 7.3: Cancer of the pancreas relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	18.4	17.6–19.2	19.2	17.7–20.7	18.3	16.9–19.7	18.0	16.9–19.2
2	8.5	7.9–9.1	8.3	7.2–9.4	8.8	7.7–9.8	8.4	7.6–9.3
3	6.3	5.8–6.8	5.8	4.9–6.8	6.5	5.6–7.4	6.4	5.6–7.2
4	5.4	4.9–5.8	5.0	4.1–5.9	5.7	4.8–6.6	5.3	4.6–6.1
5	4.9	4.4–5.4	4.1	3.2–4.9	5.4	4.5–6.3	5.2	4.4–6.0
6	4.7	4.2–5.2	3.8	2.9–4.6	5.3	4.4–6.3	5.0	4.2–5.9
7	4.7	4.2–5.2	3.7	2.8–4.5	5.3	4.3–6.2	5.3	4.4–6.1
8	4.7	4.2–5.2	3.6	2.7–4.4	5.4	4.4–6.3		
9	4.7	4.1–5.2	3.6	2.7–4.5	5.3	4.3–6.3		
10	4.8	4.2–5.4	3.8	2.8–4.7	5.3	4.3–6.3		
11	4.9	4.2–5.5	3.9	2.9–4.8	5.4	4.3–6.5		
12	4.9	4.2–5.6	3.9	2.9–4.9	5.2	4.0–6.5		
13	4.7	3.9–5.4	3.8	2.8–4.9				
14	4.8	4.0–5.6	3.9	2.8–5.0				
15	5.0	4.1–5.8	4.1	2.9–5.2				

Table 7.4: Cancer of the pancreas relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	18.2	17.6–18.7	17.7	16.7–18.7	17.8	16.8–18.8	18.7	17.9–19.6
2	8.3	7.9–8.7	7.9	7.2–8.7	8.2	7.5–8.9	8.6	8.0–9.2
3	6.0	5.7–6.4	5.5	4.9–6.2	5.8	5.1–6.4	6.5	6.0–7.1
4	5.2	4.9–5.6	4.7	4.1–5.4	5.0	4.4–5.6	5.7	5.1–6.2
5	4.8	4.5–5.2	4.1	3.5–4.7	4.9	4.3–5.5	5.3	4.7–5.9
6	4.5	4.2–4.9	3.9	3.3–4.4	4.6	4.0–5.2	4.9	4.3–5.5
7	4.4	4.1–4.8	3.7	3.1–4.3	4.5	3.9–5.2	4.8	4.1–5.4
8	4.4	4.0–4.7	3.6	3.0–4.2	4.6	4.0–5.2		
9	4.4	4.0–4.8	3.6	3.0–4.2	4.7	4.0–5.3		
10	4.4	4.0–4.9	3.7	3.1–4.3	4.7	4.0–5.4		
11	4.5	4.1–5.0	3.8	3.1–4.5	4.8	4.0–5.5		
12	4.5	4.1–5.0	3.8	3.1–4.5	4.6	3.8–5.4		
13	4.4	3.9–4.9	3.8	3.1–4.5				
14	4.6	4.1–5.2	3.9	3.2–4.7				
15	4.7	4.1–5.3	4.0	3.3–4.8				

Table 7.5: Cancer of the pancreas five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	40.2	0.0–83.4	50.4	0.0–100.7	50.3	0.0–100.5	*	
20–29 years	21.2	2.7–39.6	33.6	0.0–71.5	16.8	0.0–46.8	14.4	0.0–40.5
30–39 years	13.1	6.9–19.3	16.3	3.2–29.3	9.8	0.7–19.0	11.2	0.0–22.6
40–49 years	8.4	6.0–10.8	7.1	2.9–11.4	7.8	3.7–11.9	9.7	5.6–13.9
50–59 years	5.8	4.7–7.0	4.2	2.4–6.0	6.2	4.0–8.4	6.9	4.8–9.0
60–69 years	4.8	4.0–5.6	4.1	2.8–5.4	3.6	2.4–4.8	6.2	4.7–7.7
70–79 years	3.2	2.5–3.9	3.0	1.7–4.3	3.1	1.9–4.3	3.0	1.7–4.2
80–89 years	3.1	1.8–4.4	3.2	0.4–6.0	4.3	1.5–7.0	2.4	0.7–4.1
90–99 years	7.8	0.0–16.5	*		8.7	0.0–25.6	10.5	0.0–24.8
All ages	4.8	4.3–5.2	4.2	3.4–5	4.4	3.6–5.2	5.4	4.6–6.2

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 7.6: Cancer of the pancreas five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	76.3	47.3–100.2	*		*		68.7	32.1–100.2
20–29 years	57.6	37.4–77.8	75.2	32.7–100.3	55.7	23.1–88.2	50.0	17.8–82.2
30–39 years	21.7	13.1–30.3	13.7	0.0–28.1	24.2	8.6–39.9	24.5	10.9–38.1
40–49 years	15.3	11.3–19.3	6.5	1.0–12.0	16.9	9.3–24.4	19.3	12.8–25.8
50–59 years	6.2	4.6–7.8	6.2	3.5–9.0	5.8	3.2–8.4	5.8	3.0–8.7
60–69 years	4.4	3.5–5.2	4.2	2.7–5.7	4.0	2.5–5.4	4.9	3.4–6.4
70–79 years	3.4	2.7–4.1	2.5	1.4–3.6	4.6	3.2–6.0	3.2	2.2–4.2
80–89 years	3.2	2.2–4.2	3.4	1.3–5.5	3.3	1.5–5.1	3.3	1.9–4.8
90–99 years	4.3	0.6–8.0	*		9.2	0.0–19.5	3.2	0.0–7.5
All ages	4.9	4.4–5.4	4.1	3.2–4.9	5.4	4.5–6.3	5.2	4.4–6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 7.7: Cancer of the pancreas five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	63.1	37.0–89.1	50.4	0.0–100.7	75.3	32.7–100.3	60.1	24.5–95.8
20–29 years	41.6	26.7–56.6	50.3	19.1–81.4	40.2	15.3–65.1	36.6	13.2–60.0
30–39 years	16.9	11.7–22.0	15.2	5.5–24.9	15.8	7.2–24.4	18.0	9.3–26.6
40–49 years	11.0	8.8–13.1	6.9	3.5–10.3	11.1	7.3–14.9	13.6	10.0–17.2
50–59 years	6.0	5.1–7.0	5.0	3.5–6.5	6.0	4.3–7.7	6.6	4.9–8.3
60–69 years	4.6	4.0–5.2	4.1	3.1–5.1	3.8	2.8–4.7	5.6	4.6–6.7
70–79 years	3.3	2.8–3.8	2.7	1.9–3.6	3.9	3.0–4.8	3.3	2.5–4.1
80–89 years	3.2	2.4–4.0	3.4	1.7–5.0	3.7	2.1–5.2	3.0	1.9–4.1
90–99 years	5.2	1.6–8.7	0.0	0.0–0.0	9.1	0.3–17.8	4.9	0.1–9.6
All ages	4.8	4.5–5.2	4.1	3.5–4.7	4.9	4.3–5.5	5.3	4.7–5.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 7.8: Cancer of the pancreas five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	5	6
Denmark (1985–1989)	2	2
England (1986–1990)	2	2
Europe* (1985–1989)	4	4
Finland (1985–1989)	2	3
Iceland (1985–1989)	6	0
Italy (1985–1989)	4	3
Scotland (1985–1989)	4	3
United States (1984–1990)	4	4
Wales (1986–1990)	4	3

* Weighted average.

8. Cancer of the lung

Table 8.1: Cancer of the lung: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	5	8	2	2	60.1	75.1
20–29 years	29	19	7	7	76.2	62.9
30–39 years	156	144	118	93	24.5	35.3
40–49 years	1,081	809	913	641	14.9	19.9
50–59 years	4,079	1,939	3,483	1,590	14.4	17.6
60–69 years	10,251	3,916	9,089	3,308	11.9	15.6
70–79 years	10,974	4,577	10,102	4,118	9.0	10.6
80–89 years	3,718	1,790	3,613	1,706	3.9	6.4
90–99 years	252	150	248	146	6.4	8.9
All ages	30,545	13,352	27,575	11,611	11.0	14.0

Table 8.2: Cancer of the lung relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	33.7	33.4–34.0	32.4	31.8–33.1	33.7	33.1–34.3	34.6	34.1–35.2
2	18.7	18.4–19.0	17.7	17.2–18.2	18.6	18.1–19.1	19.5	19.0–20.0
3	13.8	13.5–14.0	12.8	12.3–13.2	13.8	13.4–14.3	14.5	14.1–14.9
4	11.7	11.4–11.9	10.6	10.2–11.1	11.7	11.3–12.2	12.4	12.0–12.8
5	10.4	10.1–10.6	9.3	8.9–9.7	10.7	10.2–11.1	11.0	10.6–11.4
6	9.6	9.4–9.9	8.6	8.2–9.1	9.8	9.4–10.3	10.3	9.8–10.7
7	9.2	8.9–9.4	8.3	7.9–8.8	9.2	8.8–9.7	9.7	9.2–10.2
8	8.7	8.5–9.0	8.0	7.5–8.4	8.8	8.4–9.2		
9	8.4	8.1–8.7	7.8	7.3–8.2	8.4	8.0–8.8		
10	8.1	7.9–8.4	7.5	7.1–8.0	8.2	7.7–8.6		
11	8.0	7.7–8.3	7.4	7.0–7.9	7.9	7.4–8.3		
12	7.7	7.4–8.0	7.2	6.7–7.7	7.5	7.0–8.0		
13	7.5	7.2–7.8	7.1	6.6–7.5				
14	7.2	6.8–7.6	6.8	6.3–7.3				
15	7.2	6.8–7.6	6.8	6.3–7.3				

Table 8.3: Cancer of the lung relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	36.3	35.7–36.9	34.7	33.5–35.8	35.6	34.6–36.6	37.6	36.7–38.4
2	21.1	20.6–21.6	20.0	19.0–21.0	20.0	19.1–20.9	22.4	21.7–23.2
3	16.4	15.9–16.8	15.3	14.4–16.3	15.5	14.8–16.3	17.5	16.8–18.2
4	14.0	13.6–14.5	13.0	12.1–13.8	13.1	12.3–13.8	15.3	14.6–16.0
5	12.8	12.4–13.2	11.8	11.0–12.7	11.9	11.2–12.6	14.0	13.3–14.7
6	11.9	11.4–12.3	10.9	10.0–11.7	11.1	10.4–11.8	12.9	12.2–13.7
7	11.3	10.8–11.7	10.5	9.7–11.3	10.4	9.7–11.2	12.1	11.3–13.0
8	10.7	10.2–11.1	10.0	9.2–10.8	9.9	9.2–10.6		
9	10.2	9.7–10.7	9.4	8.6–10.3	9.6	8.8–10.3		
10	9.9	9.4–10.4	9.2	8.3–10.0	9.2	8.5–10.0		
11	9.6	9.1–10.1	8.9	8.1–9.8	9.0	8.2–9.7		
12	9.4	8.8–9.9	8.7	7.9–9.6	8.6	7.7–9.5		
13	8.9	8.3–9.5	8.3	7.5–9.1				
14	8.9	8.3–9.5	8.3	7.5–9.2				
15	8.9	8.3–9.6	8.3	7.4–9.2				

Table 8.4: Cancer of the lung relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	34.4	34.1–34.7	32.9	32.4–33.5	34.2	33.7–34.7	35.5	35.1–36.0
2	19.4	19.1–19.6	18.2	17.8–18.7	19.0	18.5–19.4	20.4	20.0–20.8
3	14.5	14.3–14.7	13.4	12.9–13.8	14.3	13.9–14.7	15.4	15.1–15.8
4	12.3	12.1–12.5	11.2	10.8–11.6	12.1	11.7–12.5	13.3	12.9–13.7
5	11.1	10.9–11.3	9.9	9.5–10.3	11.0	10.6–11.4	12.0	11.6–12.3
6	10.3	10.1–10.5	9.2	8.8–9.6	10.2	9.8–10.6	11.1	10.7–11.5
7	9.8	9.5–10.0	8.9	8.5–9.2	9.6	9.2–9.9	10.5	10.1–10.9
8	9.3	9.1–9.5	8.5	8.1–8.9	9.1	8.8–9.5		
9	8.9	8.7–9.2	8.2	7.8–8.6	8.7	8.4–9.1		
10	8.7	8.4–8.9	7.9	7.6–8.3	8.5	8.1–8.9		
11	8.5	8.2–8.7	7.8	7.4–8.2	8.2	7.8–8.6		
12	8.2	7.9–8.5	7.6	7.2–8.0	7.8	7.4–8.3		
13	7.9	7.7–8.2	7.4	7.0–7.8				
14	7.7	7.4–8.1	7.2	6.8–7.6				
15	7.7	7.4–8.1	7.2	6.7–7.6				

Table 8.5: Cancer of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	69.0	46.2–91.8	67.0	29.1–100.4	80.4	45.2–100.5	60.1	17.1–100.2
20–29 years	74.9	63.6–86.2	60.4	29.8–91.0	81.5	64.6–98.4	76.2	60.4–92.0
30–39 years	25.0	20.7–29.4	22.5	15.0–30.0	28.1	20.1–36.1	24.5	17.5–31.6
40–49 years	14.4	13.1–15.7	14.9	12.6–17.1	13.5	11.4–15.7	14.9	12.6–17.1
50–59 years	13.5	12.9–14.2	12.1	11.1–13.1	14.2	13.1–15.4	14.4	13.2–15.6
60–69 years	10.9	10.5–11.4	9.6	8.9–10.3	11.1	10.4–11.8	11.9	11.2–12.7
70–79 years	7.9	7.5–8.3	6.1	5.4–6.7	8.0	7.2–8.7	9.0	8.3–9.7
80–89 years	3.7	3.1–4.4	3.3	2.1–4.5	3.8	2.7–4.9	3.9	2.8–4.9
90–99 years	7.8	2.9–12.8	11.0	0.0–23.2	9.7	0.0–20.6	6.4	0.4–12.5
All ages	10.4	10.1–10.6	9.3	8.9–9.7	10.7	10.2–11.1	11.0	10.6–11.4

Table 8.6: Cancer of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	70.1	50.0–90.3	71.6	38.1–100.3	60.1	17.1–100.1	75.1	45.1–100.2
20–29 years	57.6	44.1–71.2	60.2	35.3–85.0	50.1	27.0–73.3	62.9	40.9–84.9
30–39 years	28.7	24.1–33.4	22.9	15.2–30.7	27.4	19.4–35.4	35.3	27.3–43.3
40–49 years	20.0	18.1–21.9	19.0	15.2–22.8	20.8	17.4–24.2	19.9	16.9–22.8
50–59 years	16.0	14.9–17.1	14.2	12.3–16.1	15.2	13.3–17.2	17.6	15.8–19.5
60–69 years	13.3	12.6–14.1	11.3	10.0–12.6	12.1	10.9–13.3	15.6	14.3–16.9
70–79 years	9.3	8.6–10.0	8.8	7.3–10.2	7.8	6.7–8.9	10.6	9.5–11.7
80–89 years	5.7	4.6–6.8	3.5	1.5–5.6	5.9	3.9–8.0	6.4	4.7–8.1
90–99 years	6.9	1.0–12.7	*		7.6	0.0–18.1	8.9	0.0–17.9
All ages	12.8	12.4–13.2	11.8	11.0–12.7	11.9	11.2–12.6	14.0	13.3–14.7

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and/or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 8.7: Cancer of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	69.6	54.6–84.7	69.5	44.3–94.6	70.2	41.7–98.7	69.4	44.2–94.5
20–29 years	66.9	58.0–75.7	60.3	41.0–79.5	67.0	52.1–81.8	70.9	57.9–84.0
30–39 years	26.9	23.7–30.0	22.7	17.3–28.1	27.7	22.1–33.4	29.7	24.4–35.1
40–49 years	16.5	15.4–17.6	16.1	14.2–18.1	16.2	14.3–18.0	17.0	15.2–18.8
50–59 years	14.2	13.7–14.8	12.6	11.7–13.5	14.5	13.5–15.5	15.4	14.4–16.4
60–69 years	11.6	11.2–11.9	10.0	9.4–10.6	11.4	10.8–12.0	13.0	12.3–13.6
70–79 years	8.3	8.0–8.7	6.7	6.1–7.3	7.9	7.3–8.5	9.5	8.9–10.1
80–89 years	4.4	3.8–4.9	3.4	2.3–4.4	4.5	3.5–5.5	4.8	3.9–5.7
90–99 years	7.6	3.8–11.4	7.4	0.0–15.8	8.8	1.2–16.4	7.2	2.1–12.4
All ages	11.1	10.9–11.3	9.9	9.5–10.3	11.0	10.6–11.4	12.0	11.6–12.3

Table 8.8: Cancer of the lung five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	12	14
Denmark (1985–1989)	6	7
England (1986–1990)	5	5
Europe* (1985–1989)	10	11
Finland (1985–1989)	11	12
Iceland (1985–1989)	12	13
Scotland (1985–1989)	6	7
United States (1984–1990)	12	16
Wales (1986–1990)	7	7

* Weighted average.

Small cell carcinoma of the lung

Table 8.9: Small cell carcinoma of the lung relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	27.0	26.1–27.8	25.3	23.9–26.8	27.1	25.5–28.6	28.3	26.9–29.7
2	9.2	8.6–9.8	8.9	7.9–9.9	9.2	8.2–10.2	9.4	8.5–10.4
3	6.1	5.6–6.6	5.7	4.8–6.5	6.5	5.6–7.4	6.2	5.4–7.0
4	5.0	4.6–5.5	4.6	3.8–5.3	5.5	4.6–6.3	5.0	4.2–5.8
5	4.5	4.1–5.0	3.9	3.2–4.6	4.9	4.1–5.7	4.8	4.1–5.6
6	4.3	3.8–4.7	3.5	2.8–4.2	4.6	3.8–5.4	4.8	4.0–5.7
7	4.2	3.7–4.6	3.6	2.9–4.3	4.5	3.6–5.3	4.6	3.7–5.5
8	4.0	3.5–4.4	3.3	2.6–4.1	4.3	3.5–5.1		
9	3.8	3.4–4.3	3.2	2.5–3.9	4.2	3.4–5.0		
10	3.7	3.2–4.2	3.1	2.3–3.8	4.0	3.2–4.9		
11	3.6	3.1–4.1	3.0	2.3–3.8	3.8	3.0–4.7		
12	3.5	3.0–4.1	3.1	2.3–3.8	3.6	2.7–4.6		
13	3.5	2.9–4.1	3.0	2.2–3.8				
14	3.4	2.8–4.1	3.0	2.2–3.8				
15	3.6	3.0–4.3	3.1	2.3–4.0				

Table 8.10: Small cell carcinoma of the lung relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	31.6	30.3–32.9	30.4	27.8–33.0	29.7	27.3–32.0	33.7	31.7–35.7
2	11.8	10.9–12.7	11.3	9.5–13.1	11.0	9.4–12.6	12.6	11.2–14.0
3	7.9	7.2–8.7	8.0	6.4–9.6	7.7	6.3–9.1	8.0	6.8–9.2
4	6.6	5.9–7.4	6.9	5.4–8.4	6.4	5.1–7.7	6.6	5.4–7.7
5	5.9	5.2–6.7	6.4	5.0–7.9	5.9	4.6–7.1	5.4	4.3–6.5
6	5.4	4.7–6.1	5.9	4.5–7.4	5.3	4.1–6.5	4.8	3.6–6.0
7	5.0	4.3–5.7	5.5	4.1–6.9	4.8	3.7–6.0	5.0	3.7–6.2
8	4.7	4.0–5.4	5.3	3.9–6.7	4.6	3.4–5.7		
9	4.4	3.7–5.1	4.8	3.5–6.2	4.4	3.2–5.6		
10	4.2	3.4–4.9	4.8	3.4–6.1	3.9	2.8–5.1		
11	3.8	3.0–4.5	4.3	2.9–5.6	3.6	2.4–4.8		
12	3.5	2.7–4.3	4.0	2.7–5.2	3.3	2.0–4.7		
13	3.3	2.5–4.1	3.6	2.4–4.9				
14	3.1	2.3–4.0	3.5	2.2–4.8				
15	3.1	2.2–4.0	3.5	2.2–4.8				

Table 8.11: Small cell carcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	*		*		*		*	
30–39 years	9.8	0.0–19.9	7.8	0.0–22.4	12.6	0.0–35.7	9.5	0.0–25.7
40–49 years	6.2	4.1–8.4	5.2	1.9–8.5	7.1	3.2–11.0	6.9	2.8–11.0
50–59 years	5.6	4.6–6.7	4.2	2.7–5.6	6.4	4.4–8.4	6.6	4.5–8.7
60–69 years	4.8	4.1–5.5	4.3	3.2–5.5	5.0	3.7–6.2	5.2	4.0–6.4
70–79 years	3.2	2.5–4.0	2.7	1.4–3.9	3.3	2.0–4.7	3.6	2.4–4.8
80–89 years	1.5	0.1–2.8	1.5	0.0–4.3	1.1	0.0–3.1	1.6	0.0–3.6
90–99 years	*		*		*		*	
All ages	4.5	4.1–5.0	3.9	3.2–4.6	4.9	4.1–5.7	4.8	4.1–5.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 8.12: Small cell carcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		—		*		*	
20–29 years	*		*		*		*	
30–39 years	12.9	2.3–23.4	18.3	0.0–41.2	11.2	0.0–31.8	*	
40–49 years	8.4	5.1–11.8	8.2	1.9–14.5	9.5	3.6–15.4	6.9	1.7–12.1
50–59 years	8.5	6.6–10.4	7.8	4.6–11.0	7.4	4.4–10.4	9.8	6.3–13.3
60–69 years	5.6	4.5–6.7	5.6	3.6–7.7	6.7	4.7–8.8	4.2	2.5–5.9
70–79 years	4.2	3.0–5.4	5.6	2.6–8.6	2.4	0.8–4.0	4.6	2.7–6.5
80–89 years	3.1	0.3–5.9	4.4	0.0–13.0	5.5	0.0–13.0	1.6	0.0–4.3
90–99 years	43.2	0.0–122.9	*		*		68.0	0.0–187.3
All ages	5.9	5.2–6.7	6.4	5.0–7.9	5.9	4.6–7.1	5.4	4.3–6.5

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Non-small cell carcinoma of the lung

Table 8.13: Non-small cell carcinoma of the lung relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	34.8	34.4–35.2	33.7	33.0–34.4	34.8	34.1–35.4	35.6	35.0–36.2
2	20.2	19.9–20.6	19.3	18.7–19.9	20.1	19.5–20.7	21.1	20.6–21.6
3	15.0	14.8–15.3	14.0	13.5–14.5	15.0	14.5–15.5	15.8	15.4–16.3
4	12.8	12.5–13.0	11.7	11.2–12.2	12.8	12.3–13.3	13.6	13.1–14.0
5	11.4	11.1–11.7	10.3	9.8–10.8	11.6	11.1–12.1	12.0	11.5–12.5
6	10.5	10.3–10.8	9.6	9.1–10.0	10.7	10.2–11.2	11.1	10.6–11.6
7	10.0	9.7–10.3	9.2	8.7–9.7	10.0	9.5–10.5	10.6	10.0–11.1
8	9.5	9.2–9.8	8.8	8.3–9.3	9.6	9.1–10.0		
9	9.2	8.9–9.5	8.6	8.1–9.1	9.1	8.6–9.6		
10	8.9	8.6–9.3	8.4	7.8–8.9	8.9	8.4–9.4		
11	8.7	8.4–9.1	8.2	7.7–8.8	8.6	8.0–9.1		
12	8.5	8.1–8.8	8.0	7.5–8.5	8.2	7.6–8.8		
13	8.2	7.8–8.6	7.8	7.3–8.4				
14	7.9	7.5–8.3	7.5	7.0–8.1				
15	7.8	7.4–8.3	7.5	6.9–8.0				

Table 8.14: Non-small cell carcinoma of the lung relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	37.3	36.6–37.9	35.6	34.3–36.9	36.8	35.7–38.0	38.4	37.4–39.3
2	23.1	22.5–23.7	22.0	20.8–23.1	21.9	21.0–22.9	24.4	23.6–25.3
3	18.2	17.7–18.7	17.0	16.0–18.1	17.3	16.3–18.2	19.4	18.6–20.2
4	15.6	15.1–16.1	14.3	13.4–15.3	14.5	13.6–15.4	17.1	16.3–17.9
5	14.3	13.8–14.8	13.1	12.1–14.0	13.2	12.4–14.1	15.8	15.0–16.6
6	13.3	12.8–13.8	12.0	11.0–12.9	12.4	11.5–13.2	14.6	13.8–15.5
7	12.6	12.1–13.1	11.7	10.7–12.6	11.7	10.9–12.5	13.7	12.7–14.6
8	12.0	11.5–12.6	11.1	10.2–12.1	11.1	10.3–12.0		
9	11.5	10.9–12.0	10.5	9.6–11.5	10.7	9.9–11.6		
10	11.2	10.6–11.7	10.2	9.3–11.2	10.5	9.6–11.3		
11	11.0	10.4–11.5	10.1	9.1–11.0	10.2	9.3–11.1		
12	10.7	10.1–11.4	9.9	8.9–10.9	9.8	8.8–10.9		
13	10.2	9.6–10.9	9.4	8.4–10.4				
14	10.3	9.6–11.0	9.5	8.5–10.5				
15	10.3	9.5–11.1	9.5	8.4–10.6				

Table 8.15: Non-small cell carcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	69.0	46.2–91.8	67.0	29.1–100.4	80.4	45.2–100.5	60.1	17.1–100.2
20–29 years	78.8	67.8–89.8	67.1	36.1–98.1	81.5	64.6–98.4	81.8	66.9–96.7
30–39 years	26.6	22.0–31.2	24.3	16.1–32.4	29.2	20.8–37.6	26.2	18.7–33.8
40–49 years	16.1	14.6–17.5	17.1	14.4–19.7	14.9	12.4–17.3	16.2	13.6–18.8
50–59 years	15.1	14.4–15.8	13.8	12.6–14.9	15.7	14.4–17.0	15.8	14.5–17.2
60–69 years	12.1	11.6–12.5	10.6	9.9–11.4	12.2	11.5–13.0	13.1	12.3–14.0
70–79 years	8.6	8.1–9.0	6.6	5.8–7.3	8.6	7.8–9.4	9.8	9.0–10.6
80–89 years	3.9	3.2–4.6	3.5	2.2–4.7	4.1	2.9–5.2	4.1	2.9–5.3
90–99 years	8.4	3.1–13.6	11.8	0.0–25.0	10.2	0.0–21.6	6.9	0.4–13.3
All ages	11.4	11.1–11.7	10.3	9.8–10.8	11.6	11.1–12.1	12.0	11.5–12.5

Table 8.16: Non-small cell carcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	70.1	50.0–90.3	71.6	38.1–100.3	60.1	17.1–100.1	75.1	45.1–100.2
20–29 years	58.8	45.2–72.4	64.5	39.3–89.6	50.1	27.0–73.3	62.9	40.9–84.9
30–39 years	30.6	25.6–35.6	23.4	15.2–31.6	28.7	20.3–37.1	39.3	30.5–48.1
40–49 years	22.2	20.0–24.4	21.3	17.0–25.6	23.2	19.3–27.0	22.0	18.7–25.3
50–59 years	17.9	16.6–19.2	16.0	13.7–18.3	17.5	15.2–19.9	19.3	17.2–21.4
60–69 years	15.4	14.5–16.3	12.9	11.3–14.5	13.5	12.0–14.9	18.6	17.0–20.1
70–79 years	10.3	9.5–11.1	9.4	7.8–11.0	8.9	7.6–10.2	11.8	10.5–13.0
80–89 years	6.0	4.7–7.2	3.5	1.3–5.6	6.0	3.8–8.1	7.0	5.1–8.8
90–99 years	5.6	0.1–11.2	*		7.8	0.0–18.5	6.6	0.0–14.8
All ages	14.3	13.8–14.8	13.1	12.1–14	13.2	12.4–14.1	15.8	15–16.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and/or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Adenocarcinoma of the lung

Table 8.17: Adenocarcinoma of the lung relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	36.6	35.8–37.3	33.9	32.4–35.3	36.8	35.5–38.2	37.9	36.8–39.1
2	22.9	22.2–23.5	21.0	19.7–22.3	23.2	22.0–24.4	23.7	22.7–24.8
3	17.6	17.0–18.3	15.8	14.6–16.9	18.6	17.4–19.7	18.0	17.1–19.0
4	15.1	14.5–15.7	13.5	12.4–14.6	15.9	14.8–17.0	15.4	14.5–16.3
5	13.6	13.0–14.2	12.2	11.1–13.3	14.5	13.5–15.6	13.7	12.8–14.7
6	12.3	11.7–12.9	11.2	10.1–12.3	13.1	12.1–14.2	12.2	11.2–13.2
7	11.5	10.9–12.1	10.6	9.5–11.7	12.2	11.2–13.2	11.3	10.1–12.4
8	11.0	10.4–11.6	10.2	9.1–11.3	11.6	10.6–12.7		
9	10.4	9.8–11.1	9.9	8.8–11.0	10.8	9.7–11.8		
10	10.1	9.5–10.8	9.7	8.6–10.8	10.4	9.3–11.4		
11	9.7	9.0–10.4	9.4	8.3–10.5	9.7	8.6–10.8		
12	9.3	8.6–10.1	9.0	7.9–10.1	9.7	8.5–10.9		
13	8.8	8.0–9.6	8.5	7.4–9.6				
14	8.3	7.5–9.2	8.0	6.9–9.2				
15	8.3	7.4–9.2	8.0	6.8–9.2				

Table 8.18: Adenocarcinoma of the lung relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	44.2	43.1–45.3	40.5	38.1–42.8	43.1	41.1–45.0	46.6	45.0–48.2
2	29.3	28.3–30.4	27.2	25.1–29.4	27.2	25.4–29.0	31.6	30.2–33.1
3	23.5	22.6–24.5	21.4	19.4–23.4	22.3	20.6–24.0	25.2	23.8–26.6
4	20.0	19.1–21.0	18.2	16.3–20.1	18.5	16.9–20.1	22.0	20.6–23.4
5	18.2	17.3–19.1	16.3	14.4–18.1	16.5	15.0–18.1	20.5	19.0–21.9
6	16.6	15.7–17.5	14.5	12.7–16.3	15.4	13.9–16.9	18.6	17.1–20.2
7	15.8	14.9–16.8	14.0	12.3–15.8	14.7	13.2–16.2	17.2	15.5–19.0
8	14.9	13.9–15.9	13.0	11.3–14.8	13.9	12.4–15.4		
9	14.0	13.0–15.0	11.8	10.1–13.5	13.3	11.8–14.9		
10	13.7	12.6–14.7	11.4	9.7–13.1	13.2	11.6–14.8		
11	13.4	12.3–14.4	11.3	9.5–13.0	12.8	11.2–14.4		
12	13.0	11.8–14.1	10.9	9.2–12.7	12.3	10.5–14.1		
13	12.1	10.9–13.4	10.3	8.5–12.0				
14	12.2	10.9–13.5	10.3	8.6–12.1				
15	12.2	10.8–13.6	10.3	8.5–12.1				

Table 8.19: Adenocarcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	75.5	45.3–100.7	*		*		67.1	13.4–100.6
30–39 years	19.9	13.3–26.5	21.8	8.4–35.2	24.2	12.3–36.1	16.2	6.8–25.6
40–49 years	16.2	13.8–18.5	19.2	14.5–24.0	15.5	11.5–19.5	14.3	10.5–18.1
50–59 years	16.0	14.7–17.4	15.8	13.5–18.1	17.3	14.9–19.7	14.9	12.7–17.1
60–69 years	13.9	13.0–14.9	10.9	9.3–12.6	14.3	12.7–16.0	15.3	13.7–17.0
70–79 years	11.2	10.1–12.3	7.8	5.9–9.7	12.5	10.5–14.5	11.9	10.3–13.6
80–89 years	6.8	4.5–9.0	6.9	1.9–11.9	6.1	2.4–9.8	7.2	3.9–10.6
90–99 years	7.7	0.0–22.5	*		32.0	0.0–92.0	*	
All ages	13.6	13.0–14.2	12.2	11.1–13.3	14.5	13.5–15.6	13.7	12.8–14.7

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 8.20: Adenocarcinoma of the lung five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	33.4	0.0–86.9	33.4	0.0–86.9	*		*	
20–29 years	36.5	8.0–65.0	60.2	17.1–100.3	*		*	
30–39 years	20.1	13.9–26.3	9.9	1.7–18.1	22.1	11.5–32.8	29.3	17.5–41.1
40–49 years	21.7	18.7–24.8	21.1	14.9–27.2	24.8	19.3–30.3	20.0	15.5–24.5
50–59 years	20.2	18.1–22.2	18.5	14.7–22.4	18.3	14.8–21.8	22.5	19.2–25.8
60–69 years	19.3	17.7–20.9	16.4	13.2–19.5	16.7	14.1–19.2	23.0	20.3–25.7
70–79 years	15.3	13.6–17.0	13.6	9.8–17.3	12.7	10.0–15.4	17.6	15.0–20.3
80–89 years	9.5	6.3–12.7	3.4	0.0–8.2	6.9	1.9–11.9	13.7	8.8–18.5
90–99 years	5.8	0.0–17.1	*		14.7	0.0–42.8	*	
All ages	18.2	17.3–19.1	16.3	14.4–18.1	16.5	15–18.1	20.5	19–21.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

9. Cancer of the skin—melanoma

Table 9.1: Melanoma of the skin: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	317	329	13	12	96.6	96.6
20–29 years	1,302	1,553	69	32	95.5	98.4
30–39 years	2,328	2,899	167	108	93.2	96.6
40–49 years	3,741	3,642	339	180	92.3	95.9
50–59 years	4,297	3,171	515	220	91.7	95.6
60–69 years	5,266	3,319	1,090	417	89.1	93.1
70–79 years	4,864	2,952	1,731	656	84.7	92.3
80–89 years	1,779	1,496	1,004	735	82.3	83.9
90–99 years	166	221	130	153	51.5	88.1
All ages	24,060	19,582	5,058	2,513	90.0	94.6

Table 9.2: Melanoma of the skin relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	96.2	96.0–96.4	94.5	93.9–95.0	96.3	95.9–96.7	96.9	96.6–97.2
2	93.0	92.7–93.3	90.0	89.3–90.7	92.8	92.3–93.3	94.3	93.9–94.7
3	90.7	90.3–91.0	86.8	86.0–87.7	90.5	89.8–91.1	92.4	91.9–92.9
4	89.0	88.6–89.4	84.4	83.5–85.4	89.0	88.3–89.7	91.1	90.5–91.7
5	87.5	87.1–88.0	83.0	82.0–84.0	87.2	86.4–87.9	90.0	89.4–90.7
6	86.4	86.0–86.9	81.6	80.6–82.7	86.2	85.4–87.0	89.1	88.3–89.8
7	85.6	85.1–86.1	80.7	79.6–81.8	85.5	84.7–86.4	88.1	87.2–89.0
8	84.9	84.3–85.5	80.1	79.0–81.3	84.9	84.0–85.9		
9	84.5	83.8–85.1	79.5	78.3–80.7	84.6	83.7–85.6		
10	84.3	83.6–84.9	79.3	78.0–80.5	84.5	83.5–85.5		
11	84.2	83.5–84.9	79.1	77.8–80.4	84.5	83.4–85.6		
12	84.1	83.3–84.9	79.1	77.8–80.4	84.1	82.9–85.3		
13	84.3	83.4–85.1	79.3	78.0–80.7				
14	84.2	83.3–85.1	79.3	77.9–80.7				
15	84.1	83.0–85.1	79.1	77.6–80.6				

Table 9.3: Melanoma of the skin relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	98.0	97.8–98.2	96.7	96.3–97.2	98.1	97.7–98.4	98.6	98.4–98.9
2	96.2	95.9–96.4	94.5	94.0–95.1	96.3	95.8–96.7	97.0	96.7–97.3
3	95.0	94.7–95.3	93.1	92.4–93.7	95.1	94.6–95.6	95.9	95.5–96.4
4	94.0	93.6–94.3	91.7	91.1–92.4	94.3	93.7–94.8	95.0	94.5–95.5
5	93.3	92.9–93.7	90.9	90.1–91.6	93.5	92.8–94.1	94.6	94.0–95.2
6	92.7	92.3–93.1	90.0	89.2–90.8	93.0	92.4–93.7	94.1	93.4–94.7
7	92.2	91.8–92.7	89.6	88.7–90.4	92.7	92.0–93.4	93.4	92.6–94.2
8	91.8	91.3–92.2	89.2	88.3–90.1	92.1	91.3–92.8		
9	91.7	91.2–92.2	89.0	88.1–89.9	92.1	91.4–92.9		
10	91.4	90.9–91.9	88.5	87.6–89.5	92.0	91.2–92.9		
11	91.3	90.7–91.9	88.5	87.5–89.5	91.8	90.9–92.7		
12	91.5	90.8–92.1	88.7	87.6–89.7	92.0	91.0–93.0		
13	91.4	90.7–92.1	88.7	87.6–89.7				
14	91.5	90.8–92.2	88.7	87.6–89.8				
15	91.7	90.9–92.5	88.9	87.8–90.1				

Table 9.4: Melanoma of the skin relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	97.1	96.9–97.2	95.6	95.3–96.0	97.1	96.9–97.4	97.7	97.5–97.9
2	94.5	94.3–94.7	92.3	91.9–92.8	94.4	94.1–94.8	95.5	95.3–95.8
3	92.7	92.5–93.0	90.0	89.5–90.6	92.7	92.3–93.1	94.0	93.7–94.4
4	91.4	91.1–91.6	88.2	87.7–88.8	91.5	91.0–92.0	92.9	92.5–93.3
5	90.3	90.0–90.6	87.1	86.5–87.7	90.2	89.7–90.7	92.1	91.7–92.6
6	89.5	89.2–89.8	86.0	85.3–86.7	89.5	89.0–90.0	91.4	90.9–91.9
7	88.8	88.5–89.2	85.3	84.7–86.0	89.0	88.4–89.6	90.6	89.9–91.2
8	88.3	87.9–88.7	84.9	84.2–85.6	88.4	87.8–89.0		
9	88.1	87.7–88.5	84.5	83.8–85.3	88.3	87.7–88.9		
10	87.8	87.4–88.3	84.2	83.4–85.0	88.2	87.6–88.9		
11	87.8	87.3–88.2	84.1	83.3–84.9	88.1	87.4–88.8		
12	87.8	87.3–88.3	84.3	83.4–85.1	88.0	87.3–88.8		
13	87.9	87.4–88.4	84.4	83.5–85.3				
14	88.0	87.4–88.5	84.4	83.5–85.3				
15	88.0	87.4–88.7	84.5	83.6–85.4				

Table 9.5: Melanoma of the skin five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	93.4	91.5–95.3	87.1	82.0–92.2	94.7	91.9–97.5	96.6	94.3–98.9
20–29 years	92.4	91.4–93.4	87.5	85.0–89.9	92.5	90.8–94.2	95.5	94.2–96.8
30–39 years	91.1	90.3–91.9	86.4	84.6–88.3	92.2	90.9–93.4	93.2	92.0–94.4
40–49 years	90.3	89.5–91.0	85.8	83.9–87.7	90.4	89.1–91.6	92.3	91.2–93.3
50–59 years	88.2	87.4–89.1	82.8	80.9–84.7	87.7	86.2–89.1	91.7	90.6–92.8
60–69 years	85.0	84.1–86.0	79.0	76.8–81.3	83.6	81.9–85.2	89.1	87.8–90.5
70–79 years	82.8	81.3–84.3	79.2	75.6–82.8	81.4	78.7–84.0	84.7	82.6–86.8
80–89 years	80.8	76.9–84.7	81.2	70.6–91.8	78.1	71.3–84.9	82.3	77.0–87.7
90–99 years	57.7	39.9–75.5	70.6	23.0–118.3	55.9	22.0–89.9	51.5	28.7–74.3
All ages	87.5	87.1–88.0	83.0	82–84	87.2	86.4–87.9	90.0	89.4–90.7

Table 9.6: Melanoma of the skin five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	96.5	95.2–97.8	96.4	93.8–99.0	96.3	94.0–98.6	96.6	94.3–98.8
20–29 years	97.4	96.8–97.9	95.8	94.6–97.0	97.7	96.9–98.6	98.4	97.6–99.1
30–39 years	95.9	95.4–96.4	94.5	93.5–95.6	96.2	95.4–97.1	96.6	95.8–97.3
40–49 years	95.1	94.5–95.6	93.2	91.9–94.4	95.4	94.4–96.3	95.9	95.1–96.7
50–59 years	93.6	92.9–94.3	89.9	88.2–91.5	94.3	93.0–95.5	95.6	94.6–96.5
60–69 years	91.8	90.9–92.7	88.5	86.6–90.5	92.6	91.1–94.1	93.1	91.8–94.4
70–79 years	88.4	87.0–89.8	83.3	80.0–86.6	86.2	83.7–88.7	92.3	90.3–94.4
80–89 years	82.6	79.2–86.1	76.2	68.4–83.9	84.7	78.7–90.7	83.9	79.0–88.9
90–99 years	75.5	61.0–90.1	61.3	34.0–88.7	63.8	39.2–88.5	88.1	65.6–110.6
All ages	93.3	92.9–93.7	90.9	90.1–91.6	93.5	92.8–94.1	94.6	94–95.2

Table 9.7: Melanoma of the skin five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	95.0	93.9–96.2	92.2	89.4–94.9	95.5	93.7–97.3	96.6	95.0–98.2
20–29 years	95.2	94.7–95.8	92.6	91.3–93.8	95.5	94.6–96.3	97.1	96.4–97.8
30–39 years	93.8	93.3–94.3	91.2	90.2–92.2	94.3	93.6–95.1	95.1	94.4–95.7
40–49 years	92.7	92.2–93.2	89.8	88.7–90.9	92.8	92.0–93.6	94.1	93.4–94.7
50–59 years	90.6	90.0–91.2	86.1	84.8–87.4	90.5	89.5–91.5	93.4	92.6–94.1
60–69 years	87.9	87.2–88.6	83.3	81.8–84.8	87.4	86.2–88.5	90.7	89.8–91.7
70–79 years	85.3	84.2–86.3	81.2	78.7–83.6	83.6	81.8–85.5	87.8	86.3–89.3
80–89 years	81.7	79.2–84.3	78.1	71.8–84.4	81.6	77.0–86.1	83.1	79.4–86.8
90–99 years	69.0	57.6–80.3	63.9	40.1–87.7	61.2	41.2–81.2	72.1	55.6–88.6
All ages	90.3	90.0–90.6	87.1	86.5–87.7	90.2	89.7–90.7	92.1	91.7–92.6

Table 9.8: Melanoma of the skin five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	87	94
Denmark (1985–1989)	73	84
England (1986–1990)	68	82
Europe* (1985–1989)	70	82
Finland (1985–1989)	78	85
Iceland (1985–1989)	75	76
Italy (1985–1989)	57	79
Scotland (1985–1989)	74	88
United States (1984–1990)	85	91
Wales (1986–1990)	55	74

* Weighted average.

10. Cancer of the breast

Table 10.1: Cancer of the breast: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–19 years	9	1	89.0*
20–29 years	370	98	72.4
30–39 years	3,575	727	79.8
40–49 years	11,244	1,694	85.8
50–59 years	12,834	1,976	85.7
60–69 years	12,351	2,317	86.1
70–79 years	10,159	3,041	82.8
80–89 years	4,619	2,522	72.2
90–99 years	654	513	64.7
All ages	55,815	12,889	84.0

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 10.2: Cancer of the breast relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	95.5	95.4–95.6	94.0	93.7–94.3	95.2	94.9–95.5	96.4	96.2–96.6
2	90.7	90.5–90.9	87.4	87.0–87.9	90.0	89.7–90.4	92.9	92.6–93.1
3	86.1	85.9–86.3	81.3	80.8–81.8	84.9	84.5–85.4	89.3	89.0–89.6
4	82.3	82.0–82.6	76.3	75.7–76.9	81.1	80.6–81.6	86.4	86.0–86.8
5	79.1	78.8–79.4	72.3	71.7–73.0	77.8	77.3–78.4	84.0	83.5–84.4
6	76.3	76.0–76.6	69.1	68.4–69.7	75.1	74.6–75.7	81.8	81.3–82.3
7	74.0	73.7–74.4	66.5	65.8–67.2	73.1	72.5–73.7	80.1	79.5–80.7
8	71.9	71.5–72.3	64.3	63.6–65.0	71.2	70.6–71.8		
9	70.0	69.6–70.4	62.2	61.5–62.9	69.7	69.0–70.3		
10	68.4	67.9–68.8	60.5	59.8–61.3	68.3	67.6–68.9		
11	67.0	66.5–67.4	59.0	58.3–59.8	67.3	66.5–68.0		
12	65.7	65.2–66.2	57.9	57.1–58.7	65.9	65.1–66.8		
13	64.7	64.1–65.2	57.1	56.3–57.9				
14	63.7	63.1–64.3	56.2	55.4–57.1				
15	62.8	62.1–63.4	55.4	54.5–56.2				

Table 10.3: Cancer of the breast five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	85.0	65.4–100.2	80.2	45.0–100.2	*		89.0	68.5–100.2
20–29 years	71.5	68.4–74.6	70.1	64.4–75.9	70.8	65.5–76.0	72.4	67.2–77.6
30–39 years	76.3	75.4–77.3	72.1	70.2–74.0	75.8	74.1–77.4	79.8	78.3–81.3
40–49 years	81.7	81.2–82.3	76.6	75.4–77.8	80.1	79.2–81.1	85.8	85.1–86.5
50–59 years	79.6	79.0–80.2	70.7	69.5–71.9	77.5	76.4–78.5	85.7	85.0–86.4
60–69 years	80.6	80.0–81.2	73.0	71.8–74.2	79.6	78.6–80.6	86.1	85.2–86.9
70–79 years	77.8	77.0–78.6	70.6	69.0–72.3	76.9	75.5–78.3	82.8	81.6–84.0
80–89 years	70.2	68.5–72.0	66.8	63.3–70.3	70.4	67.4–73.4	72.2	69.5–74.9
90–99 years	64.3	57.1–71.5	66.5	51.6–81.5	62.6	50.3–74.8	64.7	53.5–75.9
All ages	79.1	78.8–79.4	72.3	71.7–73	77.8	77.3–78.4	84.0	83.5–84.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 10.4: Cancer of the breast five-year relative survival proportions: selected countries

Country	Relative survival (%) for females
Australia (1987–1991)	79
Denmark (1985–1989)	71
England (1986–1990)	66
Europe* (1985–1989)	73
Finland (1985–1989)	79
Iceland (1985–1989)	79
Italy (1985–1989)	77
Scotland (1985–1989)	66
United States (1984–1990)	85
Wales (1986–1990)	64

* Weighted average.

11. Cancer of the uterus

Table 11.1: Cancer of the uterus: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis sex, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–19 years	4	1	*
20–29 years	35	2	97.3
30–39 years	181	18	92.2
40–49 years	760	87	89.7
50–59 years	1,747	245	88.3
60–69 years	2,285	486	83.0
70–79 years	1,916	737	72.9
80–89 years	822	500	63.0
90–99 years	94	78	39.9
All ages	7,844	2,154	81.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 11.2: Cancer of the uterus relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	90.2	89.7–90.7	88.3	87.3–89.3	90.4	89.5–91.3	91.2	90.5–91.9
2	85.0	84.4–85.6	82.3	81.1–83.5	85.0	83.9–86.1	86.7	85.9–87.6
3	82.1	81.4–82.8	79.4	78.1–80.8	82.0	80.8–83.2	83.8	82.8–84.8
4	80.0	79.3–80.8	76.8	75.4–78.3	79.9	78.6–81.3	82.2	81.1–83.3
5	79.0	78.2–79.8	76.1	74.6–77.6	78.5	77.2–79.9	81.4	80.2–82.6
6	78.2	77.4–79.1	75.3	73.7–76.8	78.0	76.6–79.5	80.3	78.9–81.6
7	77.6	76.7–78.5	74.6	73.0–76.3	77.3	75.8–78.9	79.6	78.0–81.2
8	77.5	76.5–78.4	74.4	72.7–76.1	77.4	75.8–79.0		
9	77.2	76.2–78.2	74.5	72.8–76.3	76.7	75.1–78.4		
10	76.9	75.9–78.0	74.3	72.5–76.1	76.4	74.7–78.2		
11	76.8	75.6–77.9	74.2	72.4–76.1	76.2	74.3–78.1		
12	76.3	75.1–77.6	73.6	71.7–75.6	76.0	73.9–78.1		
13	76.7	75.4–78.1	74.2	72.2–76.2				
14	76.9	75.5–78.4	74.4	72.3–76.5				
15	76.8	75.2–78.5	74.3	72.1–76.5				

Table 11.3: Cancer of the uterus five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	64.2	58.5–69.9	83.5	53.6–100.2	*		*	
20–29 years	84.2	78.8–89.6	94.0	82.1–100.3	83.5	62.4–100.2	97.3	91.6–100.2
30–39 years	87.4	84.4–90.4	91.4	86.5–96.3	90.7	85.3–96.2	92.2	88.1–96.4
40–49 years	89.5	87.9–91.1	87.8	84.5–91.1	91.1	88.4–93.8	89.7	87.2–92.1
50–59 years	86.8	85.6–87.9	85.2	83.1–87.4	85.6	83.5–87.8	88.3	86.5–90.0
60–69 years	79.1	77.8–80.3	75.7	73.3–78.2	77.7	75.5–80.0	83.0	81.1–85.0
70–79 years	69.6	67.7–71.4	62.7	58.9–66.4	72.4	69.2–75.7	72.9	70.1–75.8
80–89 years	55.3	51.3–59.3	49.7	41.7–57.6	51.0	43.8–58.2	63.0	57.0–69.0
90–99 years	41.4	25.3–57.6	46.2	14.3–78.1	41.0	12.4–69.7	39.9	14.0–65.8
All ages	78.5	77.8–79.3	76.1	74.6–77.6	78.5	77.2–79.9	81.4	80.2–82.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here..

Table 11.4: Cancer of the uterus five-year relative survival proportions: selected countries

Country	Relative survival (%) for females
Australia (1987–1991)	80
Denmark (1985–1989)	76
England (1986–1990)	70
Europe* (1985–1989)	75
Finland (1985–1989)	77
Iceland (1985–1989)	77
Italy (1985–1989)	75
Scotland (1985–1989)	72
United States (1984–1990)	84
Wales (1986–1990)	65

* Weighted average.

12. Cancer of the cervix

Table 12.1: Cancer of the cervix: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis sex, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–19 years	7	1	85.9*
20–29 years	335	33	90.2
30–39 years	1,325	166	88.1
40–49 years	1,332	249	82.2
50–59 years	876	264	71.1
60–69 years	889	349	65.4
70–79 years	691	405	48.8
80–89 years	305	229	36.0
90–99 years	43	36	39.9
All ages	5,803	1,732	74.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 12.2: Cancer of the cervix relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	88.5	88.0–89.0	88.0	87.0–88.9	88.5	87.6–89.4	89.0	88.2–89.9
2	80.6	79.9–81.2	79.2	78.0–80.4	80.4	79.3–81.6	81.9	80.9–83.0
3	76.4	75.7–77.1	74.3	73.0–75.6	76.2	75.0–77.4	78.4	77.3–79.6
4	73.6	72.9–74.4	71.2	69.9–72.6	73.3	72.0–74.6	76.1	74.9–77.3
5	72.1	71.3–72.9	69.6	68.1–71.0	72.0	70.6–73.3	74.6	73.2–75.9
6	70.8	70.0–71.6	68.1	66.6–69.5	70.8	69.5–72.2	73.5	72.0–74.9
7	70.0	69.2–70.9	67.3	65.8–68.8	70.0	68.6–71.4	73.0	71.5–74.6
8	69.2	68.3–70.1	66.7	65.2–68.2	69.1	67.6–70.5		
9	68.6	67.7–69.5	65.9	64.4–67.5	68.7	67.2–70.2		
10	68.3	67.4–69.3	65.6	64.1–67.2	68.4	66.8–69.9		
11	68.2	67.2–69.1	65.4	63.8–67.0	68.4	66.8–69.9		
12	67.9	66.9–68.9	65.2	63.5–66.8	68.0	66.3–69.7		
13	68.0	66.9–69.0	65.2	63.6–66.9				
14	67.9	66.8–69.1	65.2	63.5–66.9				
15	67.8	66.5–69.0	65.0	63.3–66.8				

Table 12.3: Cancer of the cervix five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	92.5	82.2–100.2	*		91.1	74.1–100.2	85.9	59.9–100.2
20–29 years	87.3	85.3–89.3	86.2	82.7–89.7	86.0	82.6–89.5	90.2	86.8–93.5
30–39 years	85.0	83.8–86.1	83.0	80.8–85.2	83.9	81.8–85.9	88.1	86.2–89.9
40–49 years	78.1	76.6–79.5	76.2	73.4–79.0	75.2	72.6–77.7	82.2	80.0–84.4
50–59 years	68.6	66.6–70.6	65.3	61.9–68.8	69.6	66.1–73.2	71.1	67.7–74.4
60–69 years	62.0	60.0–64.1	58.2	54.8–61.7	62.7	59.2–66.1	65.4	61.8–69.0
70–79 years	48.5	45.7–51.3	47.1	42.1–52.1	49.4	44.6–54.2	48.8	44.0–53.6
80–89 years	34.5	29.3–39.7	25.5	16.8–34.3	39.3	29.9–48.7	36.0	27.2–44.8
90–99 years	29.7	9.0–50.3	13.6	0.0–39.7	32.3	0.0–67.0	39.9	0.0–81.2
All ages	72.1	71.3–72.9	69.6	68.1–71	72.0	70.6–73.3	74.6	73.2–75.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 12.4: Cancer of the cervix five-year relative survival proportions: selected countries

Country	Relative survival (%) for females
Australia (1987–1991)	73
Denmark (1985–1989)	65
England (1986–1990)	61
Europe* (1985–1989)	62
Finland (1985–1989)	55
Iceland (1985–1989)	87
Italy (1985–1989)	62
Scotland (1985–1989)	62
United States (1984–1990)	70
Wales (1986–1990)	62

* Weighted average.

Squamous cell carcinoma

Table 12.5: Squamous cell carcinoma of the cervix relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	89.5	88.9–90.1	89.0	87.9–90.0	89.4	88.4–90.4	90.0	89.0–91.0
2	81.1	80.4–81.9	79.6	78.2–80.9	81.3	80.0–82.6	82.4	81.1–83.6
3	76.9	76.1–77.7	74.4	72.9–75.9	77.2	75.8–78.7	79.0	77.6–80.3
4	74.0	73.2–74.9	71.4	69.9–73.0	74.4	72.9–75.9	76.3	74.8–77.8
5	72.3	71.4–73.3	69.5	67.9–71.1	72.9	71.4–74.5	74.5	72.9–76.1
6	70.9	69.9–71.8	67.8	66.1–69.5	71.5	69.9–73.1	73.4	71.7–75.2
7	69.9	68.9–70.9	66.9	65.2–68.6	70.5	68.8–72.1	72.9	71.0–74.7
8	69.0	68.0–70.0	66.2	64.5–68.0	69.5	67.8–71.2		
9	68.4	67.3–69.4	65.5	63.7–67.3	69.0	67.2–70.7		
10	68.1	67.0–69.2	65.3	63.5–67.1	68.5	66.7–70.3		
11	68.0	66.8–69.1	65.1	63.2–66.9	68.6	66.8–70.5		
12	67.7	66.5–68.9	64.9	63.0–66.8	67.9	65.9–70.0		
13	67.8	66.5–69.0	65.0	63.1–67.0				
14	67.6	66.3–68.9	64.9	62.9–66.9				
15	67.7	66.3–69.1	65.0	62.9–67.0				

Table 12.6: Squamous cell carcinoma of the cervix five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	89.1	68.5–100.2	*		80.2	45.0–100.2	*	
20–29 years	88.4	86.1–90.7	86.9	82.8–91.0	88.0	84.0–91.9	90.8	86.9–94.8
30–39 years	84.5	83.1–85.9	82.7	80.2–85.3	83.4	81.0–85.8	87.8	85.5–90.1
40–49 years	77.9	76.2–79.6	75.3	72.1–78.6	75.7	72.7–78.7	82.4	79.7–85.0
50–59 years	68.7	66.4–71.0	65.1	61.1–69.1	70.2	66.1–74.3	71.1	67.2–75.0
60–69 years	64.0	61.7–66.3	59.7	55.8–63.6	65.7	61.8–69.7	67.1	63.0–71.3
70–79 years	50.3	47.1–53.6	47.9	42.3–53.5	52.9	47.4–58.5	49.6	43.9–55.3
80–89 years	38.0	31.6–44.5	24.2	13.8–34.6	47.3	35.7–59.0	38.4	27.5–49.2
90–99 years	42.5	10.6–74.5	32.8	0.0–94.3	38.5	0.0–88.7	50.6	0.0–103.7
All ages	72.3	71.4–73.3	69.5	67.9–71.1	72.9	71.4–74.5	74.5	72.9–76.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Adenocarcinoma

Table 12.7: Adenocarcinoma of the cervix relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	89.7	88.6–90.8	88.1	85.7–90.5	90.1	88.2–92.0	90.2	88.6–91.9
2	82.5	81.1–83.9	80.0	77.0–83.0	82.0	79.5–84.4	84.3	82.2–86.3
3	77.9	76.3–79.4	76.1	72.9–79.3	76.6	73.9–79.3	79.8	77.5–82.2
4	74.7	73.0–76.4	71.9	68.5–75.4	73.2	70.4–76.1	77.7	75.2–80.2
5	73.2	71.4–74.9	70.3	66.7–73.8	71.7	68.8–74.7	76.4	73.8–79.0
6	72.3	70.5–74.1	69.4	65.7–73.0	71.1	68.1–74.1	75.3	72.4–78.1
7	71.8	69.9–73.6	68.9	65.2–72.7	70.4	67.3–73.5	74.9	71.8–78.0
8	71.2	69.3–73.1	68.2	64.4–72.0	69.8	66.7–73.0		
9	70.9	68.9–72.9	68.1	64.2–71.9	69.5	66.2–72.7		
10	70.4	68.3–72.5	67.2	63.3–71.2	69.4	66.1–72.7		
11	70.1	67.9–72.3	66.9	62.9–71.0	69.0	65.5–72.4		
12	70.0	67.8–72.3	66.7	62.6–70.8	69.5	65.9–73.0		
13	70.3	67.9–72.7	66.9	62.7–71.0				
14	70.5	68.0–73.0	67.1	62.9–71.3				
15	68.5	65.5–71.6	65.2	60.7–69.7				

Table 12.8: Adenocarcinoma of the cervix five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	83.0	77.8–88.1	81.2	71.4–90.9	79.4	70.3–88.5	88.7	81.1–96.3
30–39 years	87.0	84.7–89.4	85.6	80.7–90.6	85.9	81.8–89.9	89.1	85.6–92.5
40–49 years	80.2	77.2–83.1	82.6	76.2–89.0	75.6	70.3–80.9	82.9	78.7–87.2
50–59 years	68.3	63.8–72.9	64.3	56.2–72.5	71.5	63.4–79.7	70.5	63.2–77.9
60–69 years	57.0	51.9–62.1	49.5	39.4–59.6	54.7	46.0–63.5	63.1	55.1–71.2
70–79 years	40.5	33.7–47.4	35.7	22.2–49.2	40.0	28.5–51.5	44.6	33.7–55.4
80–89 years	32.9	20.1–45.8	30.8	6.4–55.1	24.2	4.5–43.9	43.4	23.3–63.5
90–99 years	*		*		*		*	
All ages	73.2	71.4–74.9	70.3	66.7–73.8	71.7	68.8–74.7	76.4	73.8–79

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

13. Cancer of the ovary

Table 13.1: Cancer of the ovary: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–19 years	77	11	85.8
20–29 years	189	21	88.9
30–39 years	345	89	73.9
40–49 years	883	351	59.0
50–59 years	1,344	708	46.8
60–69 years	1,514	999	33.2
70–79 years	1,516	1,154	26.0
80–89 years	665	586	18.1
90–99 years	88	87	0.0
All ages	6,621	4,006	42.0

Table 13.2: Cancer of the ovary relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	69.0	68.2–69.7	64.1	62.6–65.6	68.0	66.7–69.4	72.9	71.7–74.0
2	53.4	52.5–54.2	47.5	46.0–49.1	51.7	50.2–53.1	58.4	57.1–59.6
3	45.2	44.4–46.1	39.7	38.2–41.3	44.0	42.5–45.5	49.7	48.4–51.0
4	41.0	40.2–41.9	36.1	34.5–37.6	39.9	38.4–41.4	45.1	43.7–46.5
5	38.7	37.8–39.5	34.4	32.9–35.9	37.7	36.2–39.2	42.0	40.6–43.4
6	36.9	36.1–37.8	33.3	31.7–34.8	35.6	34.0–37.1	40.2	38.6–41.7
7	36.0	35.1–36.9	32.4	30.9–34.0	34.6	33.0–36.1	39.0	37.4–40.7
8	35.4	34.5–36.3	32.0	30.4–33.6	34.1	32.6–35.7		
9	34.8	33.8–35.8	31.4	29.8–33.0	33.6	32.0–35.1		
10	34.7	33.7–35.6	31.3	29.7–33.0	33.3	31.7–35.0		
11	34.7	33.6–35.7	31.4	29.7–33.1	33.2	31.5–34.9		
12	34.3	33.2–35.4	31.1	29.4–32.8	32.7	30.9–34.6		
13	34.5	33.3–35.6	31.2	29.5–33.0				
14	34.6	33.3–35.8	31.3	29.5–33.1				
15	34.6	33.3–35.9	31.4	29.5–33.2				

Table 13.3: Cancer of the ovary five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	84.9	79.7–90.1	82.2	71.5–92.8	86.8	78.2–95.4	85.8	78.0–93.7
20–29 years	85.5	82.0–89.0	79.1	71.4–86.8	86.3	80.0–92.6	88.9	84.2–93.7
30–39 years	70.2	67.0–73.4	66.4	60.4–72.4	68.4	62.6–74.1	73.9	68.9–78.9
40–49 years	52.8	50.5–55.1	43.9	39.6–48.1	51.8	47.7–55.9	59.0	55.4–62.6
50–59 years	42.2	40.4–44.0	35.6	32.5–38.7	42.8	39.6–46.1	46.8	43.8–49.8
60–69 years	30.3	28.8–31.9	27.1	24.4–29.8	29.1	26.5–31.6	33.2	30.4–36.0
70–79 years	23.6	21.9–25.3	20.0	17.0–23.1	22.3	19.4–25.1	26.0	23.2–28.8
80–89 years	17.8	14.9–20.6	18.1	12.4–23.7	16.5	11.5–21.6	18.1	13.8–22.5
90–99 years	7.9	0.3–15.4	12.0	0.0–35.1	15.7	0.0–33.1	*	
All ages	38.7	37.8–39.5	34.4	32.9–35.9	37.7	36.2–39.2	42.0	40.6–43.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 13.4: Cancer of the ovary five-year relative survival proportions: selected countries

Country	Relative survival (%) for females
Australia (1987–1991)	39
Denmark (1985–1989)	32
England (1986–1990)	28
Europe* (1985–1989)	35
Finland (1985–1989)	38
Iceland (1985–1989)	36
Italy (1985–1989)	34
Scotland (1985–1989)	30
United States (1984–1990)	50
Wales (1986–1990)	29

* Weighted average.

14. Cancer of the prostate

Table 14.1: Cancer of the prostate: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–19 years	2	1	*
20–29 years	1	1	*
30–39 years	8	2	70.6
40–49 years	422	91	78.0
50–59 years	5,162	776	88.1
60–69 years	20,559	4,565	87.9
70–79 years	25,560	10,053	81.6
80–89 years	10,394	6,874	67.0
90–99 years	947	833	39.4
All ages	63,055	23,196	82.7

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 14.2: Cancer of the prostate relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	92.7	92.5–92.9	87.6	87.0–88.2	90.8	90.4–91.3	95.0	94.8–95.3
2	86.8	86.5–87.1	78.2	77.5–79.0	82.2	81.6–82.8	91.2	90.9–91.6
3	81.7	81.4–82.0	70.3	69.4–71.2	74.9	74.2–75.6	87.9	87.5–88.3
4	77.6	77.2–77.9	64.3	63.3–65.2	69.1	68.3–69.9	85.2	84.8–85.7
5	73.8	73.3–74.2	59.3	58.2–60.3	64.3	63.5–65.2	82.7	82.1–83.2
6	70.2	69.7–70.6	54.7	53.6–55.8	60.5	59.6–61.4	80.3	79.6–81.0
7	66.3	65.8–66.9	51.3	50.2–52.4	57.0	56.1–58.0	76.7	75.8–77.6
8	62.9	62.3–63.5	48.2	47.0–49.3	54.3	53.4–55.3		
9	59.8	59.0–60.5	45.7	44.5–46.9	51.7	50.7–52.7		
10	56.9	56.1–57.7	43.2	42.0–44.5	49.5	48.4–50.7		
11	54.7	53.7–55.6	41.6	40.3–42.9	47.5	46.2–48.8		
12	53.1	52.0–54.2	40.3	39.0–41.7	46.3	44.8–47.9		
13	51.2	49.9–52.4	39.2	37.8–40.6				
14	49.8	48.4–51.2	38.2	36.7–39.7				
15	48.8	47.1–50.5	37.4	35.8–39.0				

Table 14.3: Cancer of the prostate five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	44.7	12.0–77.3	33.5	0.0–87.2	50.2	1.0–99.4	*	
20–29 years	43.2	6.2–80.1	60.4	17.2–100.7	*		*	
30–39 years	71.4	49.3–93.5	75.7	45.4–100.9	67.2	13.4–100.8	70.6	34.5–100.8
40–49 years	67.5	63.2–71.8	43.7	32.2–55.1	52.4	42.6–62.2	78.0	73.3–82.7
50–59 years	77.9	76.8–79.1	59.6	56.4–62.7	60.8	58.1–63.6	88.1	86.9–89.3
60–69 years	79.0	78.4–79.6	63.4	61.8–65.0	68.5	67.2–69.7	87.9	87.1–88.6
70–79 years	73.0	72.3–73.6	59.4	57.8–60.9	65.0	63.8–66.3	81.6	80.7–82.5
80–89 years	60.0	58.6–61.4	48.9	46.0–51.8	55.3	52.9–57.7	67.0	64.9–69.0
90–99 years	42.7	36.8–48.6	51.1	37.1–65.1	42.1	30.9–53.3	39.4	31.4–47.4
All ages	73.8	73.3–74.2	59.3	58.2–60.3	64.3	63.5–65.2	82.7	82.1–83.2

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 14.4: Cancer of the prostate five-year relative survival proportions: selected countries

Country	Relative survival (%) for males
Australia (1987–1991)	64
Denmark (1985–1989)	42
England (1986–1990)	41
Europe* (1985–1989)	56
Finland (1985–1989)	62
Iceland (1985–1989)	68
Italy (1985–1989)	49
Scotland (1985–1989)	48
United States (1984–1990)	92
Wales (1986–1990)	41

* Weighted average.

15. Cancer of the testis

Table 15.1: Cancer of the testis: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis, Australia, 1992–1997

Age	New cases	Deaths	5-year relative survival (%)
0–4 years	33	2	94.2
5–9 years	6	0	*
10–19 years	116	8	93.2
20–29 years	914	53	94.5
30–39 years	1,197	42	97.2
40–49 years	527	19	97.6
50–59 years	205	20	92.8
60–69 years	77	17	83.6
70–99 years	55	26	68.3
All ages	3,130	187	95.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 15.2: Cancer of the testis relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	97.2	96.8–97.6	95.6	94.5–96.6	97.8	97.1–98.5	97.7	97.2–98.3
2	95.5	94.9–96.0	92.5	91.2–93.8	96.1	95.2–97.1	96.6	95.9–97.3
3	94.8	94.2–95.4	91.7	90.3–93.1	95.6	94.6–96.7	96.0	95.2–96.8
4	94.3	93.7–94.9	90.9	89.4–92.4	95.3	94.2–96.4	95.6	94.8–96.5
5	94.3	93.6–94.9	91.1	89.5–92.6	95.2	94.1–96.4	95.4	94.5–96.3
6	94.3	93.6–94.9	90.9	89.3–92.4	95.4	94.2–96.5	95.4	94.4–96.3
7	94.1	93.4–94.9	90.9	89.3–92.5	95.1	93.8–96.3	95.4	94.4–96.5
8	93.8	93.1–94.6	90.4	88.8–92.0	94.9	93.6–96.1		
9	93.7	92.9–94.5	90.5	88.8–92.1	94.6	93.3–95.9		
10	93.8	93.0–94.6	90.7	89.0–92.3	94.5	93.1–95.9		
11	93.3	92.4–94.2	90.2	88.4–91.9	94.0	92.5–95.5		
12	93.0	92.1–94.0	89.9	88.1–91.7	94.0	92.4–95.6		
13	92.5	91.5–93.6	89.4	87.6–91.3				
14	92.3	91.1–93.5	89.2	87.3–91.1				
15	92.5	91.3–93.7	89.4	87.5–91.3				

Table 15.3: Cancer of the testis five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	97.4	93.3–100.3	*		*		94.2	86.0–100.3
5–9 years	*		*		*	—	*	
10–19 years	91.3	88.0–94.7	84.3	76.5–92.2	95.3	90.8–99.8	93.2	88.3–98.1
20–29 years	93.8	92.7–94.9	91.6	89.2–94.0	94.6	92.7–96.4	94.5	92.8–96.2
30–39 years	96.7	95.9–97.5	94.2	92.3–96.2	97.8	96.5–99.1	97.2	96.1–98.3
40–49 years	94.5	93.0–96.1	90.2	86.2–94.1	93.4	90.5–96.3	97.6	95.9–99.3
50–59 years	91.3	87.8–94.7	84.9	76.3–93.6	93.6	87.5–99.8	92.8	88.3–97.3
60–69 years	83.4	76.0–90.8	70.2	53.9–86.5	92.3	80.8–103.8	83.6	72.1–95.1
70 years and over	72.1	57.6–86.7	71.2	40.4–102.1	77.6	51.9–103.2	68.3	46.4–90.2
All ages	94.3	93.6–94.9	91.1	89.5–92.6	95.2	94.1–96.4	95.4	94.5–96.3

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 15.4: Cancer of the testis five-year relative survival proportions: selected countries

Country	Relative survival (%) for males
Australia (1987–1991)	95
Denmark (1985–1989)	92
England (1986–1990)	90
Europe* (1985–1989)	90
Finland (1985–1989)	90
Iceland (1985–1989)	95
Italy (1985–1989)	91
Scotland (1985–1989)	92
United States (1984–1990)	95
Wales (1986–1990)	87

* Weighted average

16. Cancer of the bladder

Table 16.1: Cancer of the bladder: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	15	9	4	1	73.0	89.0
20–29 years	51	14	1	0	98.6	*
30–39 years	124	64	11	9	90.7	87.4
40–49 years	460	145	74	18	85.4	88.1
50–59 years	1,306	326	281	75	82.0	78.5
60–69 years	3,103	898	1,028	322	74.9	69.9
70–79 years	4,018	1,271	2,006	622	65.1	59.0
80–89 years	1,973	829	1,408	570	54.3	49.8
90–99 years	219	158	191	135	34.8	36.4
All ages	11,269	3,714	5,004	1,752	70.8	64.7

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 16.2: Cancer of the bladder relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	86.8	86.3–87.3	86.9	86.0–87.7	86.6	85.7–87.4	86.9	86.2–87.6
2	79.9	79.3–80.5	80.0	78.9–81.0	79.8	78.8–80.9	79.9	79.0–80.8
3	75.8	75.1–76.5	76.1	74.8–77.3	75.7	74.5–77.0	75.6	74.6–76.7
4	72.9	72.2–73.6	73.0	71.7–74.3	73.2	71.9–74.5	72.5	71.3–73.7
5	71.2	70.4–72.0	71.2	69.8–72.7	71.6	70.2–73.1	70.8	69.5–72.1
6	69.5	68.6–70.4	69.4	67.8–70.9	70.1	68.6–71.7	69.0	67.5–70.5
7	68.0	67.1–69.0	67.3	65.7–68.9	69.1	67.4–70.7	68.2	66.5–70.0
8	66.9	65.9–67.9	66.2	64.6–67.9	67.9	66.2–69.6		
9	66.3	65.2–67.3	65.7	63.9–67.4	67.3	65.5–69.1		
10	65.1	63.9–66.2	64.6	62.7–66.4	65.8	63.9–67.8		
11	64.5	63.2–65.8	64.3	62.4–66.2	64.8	62.7–66.8		
12	64.4	63.0–65.7	64.4	62.3–66.4	64.0	61.6–66.3		
13	63.4	61.9–64.9	63.4	61.3–65.6				
14	63.5	61.8–65.2	63.5	61.3–65.8				
15	62.2	60.3–64.1	62.2	59.8–64.6				

Table 16.3: Cancer of the bladder relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	80.2	79.4–81.1	82.2	80.7–83.8	80.9	79.3–82.5	78.2	76.7–79.7
2	72.7	71.7–73.7	74.8	72.9–76.6	72.8	71.0–74.7	71.0	69.3–72.7
3	69.4	68.2–70.5	71.1	69.1–73.1	69.1	67.0–71.1	68.3	66.5–70.1
4	67.1	65.9–68.3	68.5	66.4–70.6	67.3	65.2–69.5	65.8	63.8–67.8
5	65.6	64.3–66.8	67.2	65.0–69.5	65.2	62.9–67.5	64.7	62.6–66.9
6	64.3	63.0–65.7	65.7	63.4–68.1	64.4	62.0–66.8	63.2	60.7–65.6
7	63.6	62.2–65.1	64.7	62.2–67.1	63.6	61.1–66.1	63.6	60.9–66.4
8	62.8	61.2–64.3	63.7	61.1–66.2	63.1	60.5–65.7		
9	62.5	60.9–64.2	63.4	60.7–66.1	62.9	60.2–65.7		
10	62.3	60.6–64.1	63.7	60.9–66.5	62.0	59.1–64.8		
11	62.0	60.1–63.9	63.3	60.4–66.2	61.7	58.6–64.8		
12	61.6	59.6–63.6	63.1	60.1–66.2	60.2	56.7–63.7		
13	61.3	59.1–63.5	62.9	59.8–66.1				
14	61.3	59.0–63.7	63.0	59.7–66.3				
15	61.2	58.6–63.9	62.9	59.4–66.4				

Table 16.4: Cancer of the bladder relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	85.1	84.7–85.5	85.6	84.9–86.4	85.1	84.3–85.8	84.7	84.1–85.4
2	78.0	77.5–78.5	78.6	77.6–79.5	78.0	77.0–78.9	77.7	76.9–78.5
3	74.1	73.5–74.7	74.7	73.7–75.8	73.9	72.9–75.0	73.8	72.9–74.7
4	71.4	70.7–72.0	71.8	70.6–72.9	71.6	70.5–72.7	70.8	69.8–71.8
5	69.7	69.0–70.4	70.1	68.9–71.3	69.9	68.7–71.1	69.3	68.1–70.4
6	68.1	67.4–68.8	68.3	67.1–69.6	68.6	67.3–69.8	67.5	66.2–68.8
7	66.8	66.1–67.6	66.6	65.3–67.9	67.5	66.2–68.9	67.0	65.5–68.5
8	65.7	64.9–66.6	65.5	64.1–66.9	66.6	65.1–68.0		
9	65.2	64.3–66.1	65.0	63.5–66.5	66.0	64.5–67.5		
10	64.3	63.4–65.3	64.3	62.8–65.9	64.7	63.1–66.3		
11	63.8	62.8–64.9	64.0	62.4–65.6	63.9	62.1–65.6		
12	63.6	62.4–64.7	64.0	62.3–65.7	62.9	60.9–64.8		
13	62.8	61.6–64.1	63.3	61.5–65.1				
14	62.9	61.6–64.3	63.4	61.5–65.2				
15	62.0	60.5–63.6	62.4	60.5–64.4				

Table 16.5: Cancer of the bladder five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	76.7	62.3–91.1	82.3	59.4–100.6	75.3	45.2–100.4	73.0	50.1–96.0
20–29 years	99.9	98.5–100.7	*		*		98.6	94.8–100.6
30–39 years	91.3	88.3–94.3	93.6	89.5–97.7	87.8	81.3–94.4	90.7	84.8–96.5
40–49 years	85.7	83.5–87.9	85.2	81.3–89.1	86.4	82.5–90.3	85.4	81.8–89.1
50–59 years	79.3	77.7–80.8	76.9	74.2–79.6	78.8	76.1–81.6	82.0	79.6–84.5
60–69 years	74.2	72.9–75.4	72.3	70.1–74.5	75.2	73.0–77.4	74.9	72.8–76.9
70–79 years	64.9	63.4–66.3	65.2	62.5–67.9	64.1	61.5–66.7	65.1	62.8–67.4
80–89 years	56.3	53.3–59.3	57.6	51.7–63.6	58.0	52.5–63.4	54.3	49.8–58.9
90–99 years	43.9	31.5–56.2	44.0	19.5–68.6	59.8	31.8–87.8	34.8	18.4–51.3
All ages	71.2	70.4–72.0	71.2	69.8–72.7	71.6	70.2–73.1	70.8	69.5–72.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 16.6: Cancer of the bladder five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	84.6	64.6–100.2	*		50.0	0.0–100.1	89.0	68.5–100.1
20–29 years	97.2	91.3–100.2	*		91.1	74.1–100.2	*	
30–39 years	87.2	81.8–92.6	92.1	84.2–99.9	82.2	70.7–93.6	87.4	78.9–95.8
40–49 years	84.7	81.0–88.4	81.3	74.4–88.1	84.2	77.8–90.7	88.1	82.3–93.9
50–59 years	76.7	74.0–79.3	76.9	72.7–81.1	75.1	70.5–79.8	78.5	73.5–83.5
60–69 years	70.7	68.6–72.8	73.5	69.9–77.1	68.8	65.1–72.6	69.9	66.4–73.5
70–79 years	58.9	56.7–61.1	57.5	53.5–61.5	60.1	56.1–64.1	59.0	55.4–62.7
80–89 years	49.2	45.5–53.0	50.0	42.9–57.2	48.5	41.9–55.2	49.8	43.9–55.7
90–99 years	46.8	33.9–59.6	65.5	37.3–93.6	45.2	23.1–67.2	36.4	16.6–56.1
All ages	65.6	64.3–66.8	67.2	65–69.5	65.2	62.9–67.5	64.7	62.6–66.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 16.7: Cancer of the bladder five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	79.1	67.4–90.9	86.2	67.8–100.6	70.3	41.7–98.8	78.7	61.8–95.6
20–29 years	99.4	97.8–100.6	*		98.8	95.2–100.6	99.0	96.0–100.5
30–39 years	90.1	87.4–92.7	93.2	89.6–96.9	86.1	80.3–91.9	89.6	84.8–94.4
40–49 years	85.4	83.5–87.3	84.1	80.7–87.5	85.8	82.5–89.2	86.1	83.0–89.2
50–59 years	78.6	77.3–80.0	76.9	74.6–79.1	77.9	75.5–80.3	81.3	79.1–83.6
60–69 years	73.3	72.3–74.4	72.6	70.7–74.5	73.6	71.7–75.5	73.7	71.9–75.5
70–79 years	63.3	62.0–64.5	63.1	60.8–65.3	63.0	60.8–65.2	63.5	61.5–65.5
80–89 years	53.8	51.5–56.2	54.8	50.3–59.4	54.6	50.3–58.8	52.7	49.1–56.4
90–99 years	45.3	36.3–54.2	54.9	36.1–73.8	51.7	34.2–69.2	35.5	22.8–48.1
All ages	69.7	69.0–70.4	70.1	68.9–71.3	69.9	68.7–71.1	69.3	68.1–70.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 16.8: Cancer of the bladder five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	72	65
Denmark (1985–1989)	51	44
England (1986–1990)	62	57
Europe* (1985–1989)	68	60
Finland (1985–1989)	70	65
Iceland (1985–1989)	75	74
Italy (1985–1989)	69	64
Scotland (1985–1989)	65	59
United States (1984–1990)	83	74
Wales (1986–1990)	68	61

* Weighted average.

17. Cancer of the kidney

Table 17.1: Cancer of the kidney: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	102	106	17	14	82.2	85.1
20–29 years	29	23	6	5	81.2	75.4
30–39 years	178	118	41	22	78.3	82.2
40–49 years	638	362	184	82	71.9	77.7
50–59 years	1,207	640	423	195	67.0	72.4
60–69 years	1,984	1,111	943	514	58.2	58.7
70–79 years	1,894	1,404	1,143	837	50.4	46.6
80–89 years	641	632	496	500	44.1	30.3
90–99 years	45	70	36	65	65.4	20.8
All ages	6,718	4,466	3,289	2,234	59.9	57.5

Table 17.2: Cancer of the kidney relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	73.4	72.7–74.2	68.8	67.1–70.4	71.3	69.9–72.7	77.2	76.1–78.3
2	65.6	64.7–66.4	60.5	58.7–62.3	62.7	61.1–64.3	70.0	68.7–71.2
3	60.9	59.9–61.8	55.3	53.5–57.2	58.6	56.9–60.3	65.1	63.8–66.4
4	57.8	56.8–58.8	52.3	50.4–54.3	55.8	54.1–57.6	61.8	60.4–63.3
5	55.9	54.9–56.9	50.8	48.7–52.8	53.7	51.9–55.5	59.9	58.4–61.5
6	53.8	52.7–54.9	48.7	46.7–50.8	51.9	50.0–53.7	57.5	55.7–59.2
7	52.2	51.1–53.4	47.0	44.9–49.1	50.5	48.6–52.5	56.2	54.2–58.2
8	51.2	50.0–52.4	45.8	43.6–47.9	49.8	47.8–51.8		
9	50.0	48.8–51.3	45.1	42.8–47.3	48.4	46.3–50.4		
10	49.0	47.6–50.3	43.8	41.4–46.1	47.7	45.5–49.8		
11	48.3	46.8–49.8	43.3	40.9–45.7	46.7	44.4–49.0		
12	48.3	46.7–49.9	43.2	40.8–45.7	47.0	44.5–49.6		
13	47.8	46.1–49.6	43.2	40.7–45.7				
14	47.5	45.6–49.4	42.9	40.3–45.5				
15	47.0	44.8–49.1	42.5	39.7–45.2				

Table 17.3: Cancer of the kidney relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	70.9	70.0–71.9	67.4	65.4–69.4	69.8	68.1–71.5	73.5	72.1–74.9
2	62.6	61.6–63.6	58.8	56.6–61.0	61.0	59.1–62.9	65.6	64.1–67.1
3	58.5	57.4–59.6	55.0	52.8–57.2	56.7	54.8–58.7	61.4	59.8–63.0
4	55.7	54.6–56.8	51.9	49.6–54.2	54.1	52.1–56.2	58.8	57.1–60.5
5	54.0	52.8–55.1	49.4	47.1–51.7	52.7	50.6–54.7	57.5	55.7–59.4
6	52.1	50.8–53.3	48.0	45.6–50.4	50.7	48.6–52.8	55.3	53.2–57.3
7	50.7	49.4–52.0	46.9	44.4–49.3	49.2	47.1–51.4	54.1	51.9–56.4
8	49.3	47.9–50.6	45.6	43.1–48.1	47.9	45.7–50.1		
9	48.1	46.7–49.5	44.4	41.9–47.0	46.8	44.5–49.1		
10	47.3	45.8–48.8	43.5	40.9–46.2	46.2	43.8–48.6		
11	46.7	45.1–48.3	42.9	40.2–45.5	45.9	43.3–48.4		
12	46.2	44.5–47.9	42.4	39.7–45.1	45.4	42.7–48.2		
13	45.3	43.4–47.2	41.7	38.9–44.4				
14	45.1	43.1–47.1	41.4	38.6–44.3				
15	43.7	41.4–46.0	40.1	37.2–43.1				

Table 17.4: Cancer of the kidney relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	72.4	71.8–73.0	68.2	66.9–69.5	70.7	69.6–71.8	75.7	74.9–76.6
2	64.4	63.7–65.0	59.8	58.4–61.2	62.0	60.8–63.2	68.2	67.3–69.2
3	59.9	59.2–60.6	55.2	53.8–56.6	57.8	56.6–59.1	63.6	62.6–64.6
4	56.9	56.2–57.7	52.1	50.7–53.6	55.1	53.8–56.4	60.6	59.5–61.7
5	55.1	54.3–55.9	50.2	48.7–51.7	53.2	51.9–54.6	58.9	57.8–60.1
6	53.1	52.3–53.9	48.4	46.9–50.0	51.4	50.0–52.8	56.6	55.2–57.9
7	51.6	50.8–52.5	46.9	45.3–48.6	50.0	48.6–51.4	55.3	53.8–56.9
8	50.4	49.5–51.3	45.7	44.0–47.3	49.0	47.5–50.5		
9	49.2	48.3–50.2	44.8	43.1–46.5	47.7	46.2–49.2		
10	48.3	47.2–49.3	43.7	41.9–45.4	47.1	45.5–48.7		
11	47.6	46.5–48.7	43.1	41.3–44.9	46.4	44.6–48.1		
12	47.4	46.2–48.6	42.9	41.0–44.7	46.3	44.4–48.2		
13	46.7	45.5–48.0	42.5	40.6–44.4				
14	46.4	45.1–47.8	42.3	40.3–44.2				
15	45.5	44.0–47.1	41.4	39.4–43.5				

Table 17.5: Cancer of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	85.0	80.2–89.8	88.9	81.3–96.4	83.7	73.7–93.8	82.2	74.3–90.0
20–29 years	70.1	58.5–81.7	67.1	45.2–89.0	58.3	35.9–80.6	81.2	65.4–97.0
30–39 years	74.5	70.2–78.8	70.8	61.5–80.1	72.9	65.8–80.0	78.3	71.8–84.7
40–49 years	66.3	63.6–68.9	63.0	57.4–68.6	60.4	55.5–65.4	71.9	68.0–75.7
50–59 years	60.1	58.1–62.1	52.8	48.9–56.7	56.4	52.8–60.1	67.0	63.9–70.0
60–69 years	54.7	53.0–56.5	49.6	46.2–53.1	53.8	50.7–56.8	58.2	55.5–60.9
70–79 years	46.5	44.4–48.7	38.5	34.3–42.8	45.6	41.8–49.3	50.4	47.1–53.7
80–89 years	41.4	36.5–46.3	39.6	29.1–50.1	37.9	29.3–46.4	44.1	37.0–51.1
90–99 years	38.3	10.1–66.5	*		34.1	0.0–79.4	65.4	21.5–109.4
All ages	55.9	54.9–56.9	50.8	48.7–52.8	53.7	51.9–55.5	59.9	58.4–61.5

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 17.6: Cancer of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	86.2	82.0–90.5	84.9	76.6–93.1	87.6	80.7–94.5	85.1	77.7–92.5
20–29 years	78.2	68.3–88.1	84.4	68.0–100.3	75.2	59.1–91.3	75.4	56.1–94.7
30–39 years	79.0	73.7–84.4	79.3	68.7–89.9	74.5	63.6–85.5	82.2	75.2–89.3
40–49 years	70.3	66.8–73.8	60.1	52.2–67.9	65.8	59.3–72.3	77.7	73.0–82.4
50–59 years	63.2	60.6–65.7	52.4	47.4–57.3	61.3	56.8–65.9	72.4	68.6–76.2
60–69 years	53.2	51.1–55.3	47.0	43.1–51.0	52.0	48.4–55.6	58.7	55.4–62.1
70–79 years	44.2	41.9–46.4	40.2	35.4–44.9	42.7	38.7–46.6	46.6	43.3–50.0
80–89 years	31.3	27.3–35.2	30.7	21.9–39.6	32.8	25.8–39.8	30.3	24.6–36.1
90–99 years	24.1	7.7–40.5	58.4	0.0–118.8	12.4	0.0–36.1	20.8	0.6–41.0
All ages	54.0	52.8–55.1	49.4	47.1–51.7	52.7	50.6–54.7	57.5	55.7–59.4

Table 17.7: Cancer of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	85.7	82.5–88.8	86.8	81.1–92.4	86.1	80.3–91.9	83.7	78.3–89.1
20–29 years	74.3	66.7–81.9	76.0	62.1–89.9	68.4	55.0–81.7	78.5	66.1–90.9
30–39 years	76.1	72.8–79.5	74.0	66.9–81.1	73.3	67.4–79.3	79.9	75.1–84.6
40–49 years	67.7	65.6–69.8	62.0	57.4–66.6	62.3	58.4–66.3	74.0	71.0–77.0
50–59 years	61.2	59.7–62.8	52.7	49.6–55.7	58.3	55.5–61.2	68.9	66.5–71.3
60–69 years	54.1	52.8–55.5	48.6	46.0–51.1	53.1	50.7–55.4	58.4	56.3–60.5
70–79 years	45.5	43.9–47.0	39.3	36.1–42.4	44.3	41.5–47.0	48.7	46.3–51.0
80–89 years	35.9	32.8–39.0	35.0	28.2–41.8	35.0	29.6–40.5	36.7	32.2–41.1
90–99 years	30.3	15.4–45.2	32.1	0.0–66.8	21.5	0.0–45.1	37.0	16.2–57.7
All ages	55.1	54.3–55.9	50.2	48.7–51.7	53.2	51.9–54.6	58.9	57.8–60.1

Table 17.8: Cancer of the kidney five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	54	53
Denmark (1985–1989)	36	33
England (1986–1990)	38	36
Europe* (1985–1989)	49	50
Finland (1985–1989)	48	51
Iceland (1985–1989)	46	39
Italy (1985–1989)	54	55
Scotland (1985–1989)	38	35
United States (1984–1990)	61	60
Wales (1986–1990)	35	28

* Weighted average.

Transitional cell carcinoma of the kidney

Table 17.9: Transitional cell carcinoma of the kidney relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	77.9	76.1–79.7	78.3	75.0–81.7	77.8	74.5–81.1	77.7	75.0–80.5
2	69.3	67.3–71.4	72.4	68.5–76.2	70.3	66.5–74.1	66.7	63.4–69.9
3	63.5	61.3–65.8	65.6	61.3–69.8	65.6	61.5–69.7	60.6	57.1–64.1
4	59.3	56.9–61.7	60.9	56.4–65.4	61.6	57.2–65.9	56.5	52.7–60.3
5	57.5	54.9–60.0	59.3	54.6–64.0	59.3	54.7–63.9	55.0	50.9–59.1
6	55.1	52.4–57.8	57.6	52.6–62.5	57.8	53.1–62.6	50.2	45.6–54.8
7	53.5	50.6–56.4	55.8	50.6–60.9	56.4	51.4–61.3	48.4	43.1–53.7
8	52.5	49.4–55.5	54.7	49.3–60.0	55.2	50.1–60.4		
9	51.1	47.9–54.4	52.9	47.4–58.5	54.3	48.9–59.7		
10	48.3	44.9–51.8	50.1	44.4–55.8	51.2	45.4–56.9		
11	48.0	44.3–51.7	50.4	44.5–56.4	49.5	43.3–55.8		
12	49.1	45.1–53.0	51.5	45.2–57.7	51.0	44.3–57.6		
13	47.1	42.8–51.4	49.9	43.5–56.4				
14	46.0	41.3–50.7	48.8	42.0–55.5				
15	47.1	42.0–52.3	50.0	42.8–57.1				

Table 17.10: Transitional cell carcinoma of the kidney relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	69.9	68.1–71.8	70.1	66.5–73.6	71.1	67.8–74.4	68.9	66.0–71.8
2	56.3	54.3–58.4	57.9	53.9–61.8	56.9	53.3–60.6	54.9	51.8–58.1
3	49.8	47.7–51.9	52.8	48.7–56.8	50.6	46.8–54.4	47.3	44.0–50.6
4	45.9	43.7–48.1	48.5	44.4–52.7	47.1	43.2–51.0	43.3	39.8–46.7
5	43.2	41.0–45.5	44.7	40.5–48.9	44.6	40.6–48.5	41.6	38.0–45.3
6	41.0	38.7–43.3	43.1	38.8–47.3	41.6	37.6–45.6	39.6	35.7–43.6
7	39.0	36.6–41.4	41.3	37.0–45.7	38.8	34.8–42.9	38.9	34.7–43.2
8	37.1	34.6–39.6	40.1	35.6–44.5	36.7	32.6–40.8		
9	36.4	33.8–39.0	39.7	35.1–44.2	35.7	31.4–39.9		
10	35.0	32.3–37.7	37.8	33.2–42.4	34.7	30.3–39.1		
11	34.1	31.3–37.0	36.9	32.2–41.6	33.8	29.1–38.5		
12	32.7	29.7–35.7	35.9	31.1–40.7	30.6	25.2–35.9		
13	30.7	27.5–33.9	33.7	28.8–38.5				
14	30.1	26.7–33.5	33.0	28.0–37.9				
15	29.1	25.4–32.8	31.9	26.8–37.0				

Table 17.11: Transitional cell carcinoma of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	75.5	32.8–100.7	67.1	13.4–100.7	*		*	
30–39 years	92.4	83.3–100.8	80.7	60.3–100.9	*		*	
40–49 years	81.3	74.6–88.1	81.0	68.1–93.9	84.4	73.5–95.3	78.2	66.5–89.9
50–59 years	67.0	61.4–72.6	63.3	53.8–72.8	64.2	53.9–74.6	73.3	64.3–82.4
60–69 years	58.4	54.3–62.4	59.8	52.2–67.4	63.1	55.9–70.3	54.7	48.3–61.0
70–79 years	48.8	44.2–53.4	51.9	42.8–60.9	51.3	43.0–59.6	44.3	37.0–51.6
80–89 years	37.6	28.1–47.1	45.7	25.8–65.5	21.0	7.2–34.8	44.8	30.0–59.6
90–99 years	58.8	0.0–128.1	*		*		88.8	0.0–195.5
All ages	57.5	54.9–60.0	59.3	54.6–64	59.3	54.7–63.9	55.0	50.9–59.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 17.12: Transitional cell carcinoma of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	*		—		*		*	
30–39 years	55.8	23.2–88.5	33.5	0.0–87.2	50.2	0.0–100.5	75.3	32.7–100.4
40–49 years	65.2	54.8–75.6	64.7	48.8–80.6	62.8	44.9–80.7	70.6	50.4–90.9
50–59 years	49.7	44.1–55.2	46.9	38.2–55.7	44.1	34.4–53.8	59.8	49.7–70.0
60–69 years	44.4	40.8–48.1	43.0	36.5–49.6	47.7	41.2–54.2	43.4	37.4–49.4
70–79 years	38.7	34.9–42.6	41.7	33.4–50.0	41.4	34.8–48.1	35.4	29.5–41.2
80–89 years	36.5	29.0–43.9	41.4	24.3–58.5	36.4	23.2–49.5	35.4	24.5–46.3
90–99 years	20.6	0.0–48.0	49.2	0.0–138.5	33.6	0.0–95.6	*	
All ages	43.2	41.0–45.5	44.7	40.5–48.9	44.6	40.6–48.5	41.6	38–45.3

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Renal cell carcinoma of the kidney

Table 17.13: Renal cell carcinoma of the kidney relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	76.6	75.7–77.4	70.9	68.9–72.9	74.5	72.8–76.1	80.3	79.1–81.5
2	69.0	68.0–69.9	61.6	59.3–63.8	66.0	64.1–67.8	74.0	72.6–75.3
3	64.4	63.3–65.4	56.6	54.3–58.9	61.7	59.8–63.7	69.4	67.9–70.8
4	61.2	60.1–62.3	53.7	51.3–56.1	58.9	56.9–60.9	65.9	64.2–67.5
5	58.9	57.7–60.1	51.7	49.2–54.2	56.3	54.2–58.4	63.6	61.9–65.4
6	56.4	55.2–57.7	49.1	46.5–51.6	54.1	51.9–56.2	61.5	59.5–63.5
7	54.6	53.3–56.0	47.0	44.4–49.6	52.5	50.3–54.8	59.9	57.6–62.3
8	53.4	52.0–54.9	45.3	42.7–48.0	51.8	49.5–54.1		
9	52.0	50.5–53.5	44.6	41.9–47.3	50.1	47.7–52.4		
10	51.0	49.4–52.7	43.2	40.4–46.0	49.7	47.2–52.2		
11	50.0	48.2–51.8	42.4	39.6–45.3	48.5	45.8–51.2		
12	49.6	47.7–51.6	42.0	39.0–44.9	48.6	45.6–51.6		
13	49.3	47.2–51.4	42.0	39.0–45.1				
14	48.7	46.4–51.1	41.6	38.4–44.7				
15	47.5	44.8–50.2	40.5	37.2–43.8				

Table 17.14: Renal cell carcinoma of the kidney relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	76.0	74.9–77.2	71.3	68.6–74.0	74.4	72.3–76.6	79.0	77.4–80.5
2	69.8	68.5–71.1	64.1	61.2–67.0	67.9	65.6–70.3	73.3	71.5–75.1
3	66.3	65.0–67.7	60.7	57.7–63.8	64.3	61.8–66.8	70.0	68.0–71.9
4	63.9	62.5–65.3	57.9	54.8–61.0	61.8	59.2–64.3	67.8	65.8–69.9
5	62.0	60.5–63.5	55.2	52.0–58.4	60.2	57.5–62.8	66.3	64.1–68.5
6	59.8	58.2–61.3	53.4	50.1–56.7	58.2	55.5–61.0	63.4	60.9–65.9
7	58.4	56.7–60.0	52.2	48.8–55.5	56.8	54.0–59.7	61.9	59.1–64.8
8	56.7	54.9–58.5	50.5	47.0–53.9	55.4	52.5–58.3		
9	54.9	53.0–56.8	48.8	45.3–52.3	53.8	50.8–56.8		
10	53.9	51.9–55.9	47.8	44.2–51.4	52.9	49.8–56.0		
11	53.0	50.8–55.1	46.6	42.9–50.2	52.5	49.2–55.8		
12	52.3	50.0–54.7	45.7	42.0–49.5	52.8	49.3–56.3		
13	51.3	48.7–53.8	45.0	41.2–48.8				
14	50.9	48.1–53.7	44.7	40.7–48.6				
15	48.3	45.0–51.6	42.3	38.2–46.4				

Table 17.15: Renal cell carcinoma of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	80.4	60.0–100.5	*		67.0	13.4–100.5	78.1	50.8–100.4
20–29 years	70.4	57.5–83.3	64.1	35.5–92.7	53.3	29.4–77.2	87.5	73.7–100.6
30–39 years	74.7	70.0–79.3	74.1	63.6–84.7	73.0	65.4–80.6	76.7	69.7–83.7
40–49 years	66.0	63.0–68.9	61.6	55.2–67.9	59.1	53.6–64.6	72.5	68.4–76.6
50–59 years	62.4	60.2–64.7	54.7	50.1–59.3	58.7	54.7–62.7	68.9	65.6–72.2
60–69 years	57.4	55.4–59.5	50.3	46.1–54.5	55.5	52.0–59.1	62.1	59.0–65.1
70–79 years	50.5	47.8–53.2	38.5	32.9–44.0	50.5	45.7–55.2	54.7	50.8–58.7
80–89 years	53.7	46.6–60.8	53.4	35.9–70.9	50.1	37.6–62.6	54.6	44.7–64.5
90–99 years	47.1	1.1–93.1	*		38.1	0.0–109.3	68.5	2.3–134.6
All ages	58.9	57.7–60.1	51.7	49.2–54.2	56.3	54.2–58.4	63.6	61.9–65.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 17.16: Renal cell carcinoma of the kidney five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	65.7	38.2–93.3	80.1	45.0–100.1	50.1	0.0–100.2	53.4	4.7–100.2
20–29 years	78.6	67.8–89.5	81.5	62.3–100.3	78.4	61.5–95.3	75.8	54.9–96.7
30–39 years	80.0	74.3–85.6	82.6	71.4–93.8	75.3	63.9–86.7	82.4	75.0–89.8
40–49 years	71.9	68.2–75.7	60.5	51.1–69.9	68.5	61.5–75.6	77.5	72.6–82.5
50–59 years	69.3	66.4–72.2	57.2	50.9–63.4	69.3	64.1–74.4	76.0	72.0–80.1
60–69 years	61.7	59.1–64.4	54.4	49.0–59.9	58.3	53.8–62.9	68.8	64.8–72.8
70–79 years	54.2	51.1–57.4	47.0	40.0–53.9	52.0	46.3–57.8	57.9	53.4–62.5
80–89 years	37.3	31.2–43.5	37.6	21.4–53.9	42.0	30.8–53.1	34.1	25.7–42.6
90–99 years	52.1	15.3–88.8	87.4	0.0–192.3	*		65.5	11.8–119.2
All ages	62.0	60.5–63.5	55.2	52–58.4	60.2	57.5–62.8	66.3	64.1–68.5

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

18. Cancer of the brain

Table 18.1: Cancer of the brain: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–4 years	140	108	64	52	54.4	51.1
5–9 years	94	94	27	41	70.6	54.5
10–19 years	186	139	49	40	74.2	70.9
20–29 years	248	171	103	59	54.0	64.4
30–39 years	343	219	158	96	52.5	53.6
40–49 years	478	333	339	226	27.5	30.4
50–59 years	694	421	613	369	12.2	12.9
60–69 years	918	632	876	593	5.4	6.2
70–99 years	972	879	946	850	3.5	4.4
All ages	4,073	2,996	3,175	2,326	23.8	23.8

Table 18.2: Cancer of the brain relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	42.7	41.7–43.7	43.4	41.5–45.4	42.8	40.9–44.6	42.2	40.6–43.7
2	30.5	29.5–31.4	31.5	29.7–33.4	30.5	28.7–32.2	29.8	28.3–31.2
3	27.4	26.4–28.3	28.3	26.5–30.1	27.0	25.3–28.7	27.1	25.6–28.5
4	25.6	24.6–26.5	26.3	24.5–28.1	25.5	23.8–27.2	25.1	23.6–26.5
5	24.3	23.3–25.2	24.8	23.0–26.6	24.3	22.6–26.0	23.8	22.3–25.3
6	23.3	22.4–24.3	23.8	22.0–25.6	23.2	21.5–24.9	23.2	21.7–24.8
7	22.6	21.6–23.5	23.0	21.2–24.8	22.5	20.8–24.2	22.4	20.7–24.1
8	21.9	20.9–22.9	21.9	20.1–23.7	22.2	20.5–23.9		
9	21.3	20.3–22.3	21.4	19.6–23.2	21.5	19.7–23.2		
10	21.1	20.1–22.1	21.1	19.3–23.0	21.4	19.7–23.2		
11	21.1	20.0–22.1	21.2	19.3–23.1	21.2	19.4–23.0		
12	20.6	19.5–21.7	20.8	18.9–22.7	20.5	18.6–22.4		
13	20.5	19.4–21.7	20.9	19.0–22.8				
14	20.5	19.3–21.7	20.8	18.9–22.8				
15	20.4	19.1–21.7	20.8	18.8–22.8				

Table 18.3: Cancer of the brain relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	41.2	40.0–42.3	40.2	38.0–42.4	42.0	40.0–44.1	41.1	39.3–42.9
2	30.5	29.4–31.6	30.9	28.8–33.0	30.9	29.0–32.9	29.9	28.2–31.6
3	27.4	26.4–28.5	27.5	25.4–29.6	28.2	26.3–30.1	26.8	25.1–28.4
4	25.8	24.8–26.9	26.1	24.0–28.2	26.7	24.8–28.6	24.9	23.2–26.6
5	24.3	23.2–25.4	24.1	22.0–26.1	25.3	23.4–27.1	23.8	22.1–25.4
6	23.3	22.3–24.4	23.2	21.2–25.3	23.9	22.1–25.8	23.1	21.4–24.9
7	22.5	21.5–23.6	22.5	20.5–24.6	23.1	21.2–25.0	22.1	20.2–24.0
8	22.0	20.9–23.1	21.7	19.7–23.8	22.7	20.8–24.5		
9	21.4	20.2–22.5	20.9	18.8–22.9	22.2	20.3–24.1		
10	21.1	20.0–22.3	20.7	18.7–22.8	21.9	20.0–23.8		
11	21.0	19.8–22.2	20.5	18.4–22.6	21.9	19.9–23.8		
12	20.9	19.7–22.2	20.6	18.5–22.7	21.5	19.3–23.6		
13	20.7	19.4–22.0	20.3	18.2–22.4				
14	20.6	19.3–22.0	20.2	18.1–22.4				
15	20.6	19.2–22.0	20.2	18.0–22.4				

Table 18.4: Cancer of the brain relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	42.0	41.3–42.8	42.0	40.6–43.5	42.4	41.1–43.8	41.7	40.6–42.9
2	30.5	29.8–31.2	31.3	29.9–32.7	30.7	29.4–32.0	29.8	28.7–30.9
3	27.4	26.7–28.1	28.0	26.6–29.3	27.5	26.3–28.8	26.9	25.9–28.0
4	25.7	25.0–26.4	26.2	24.9–27.6	26.0	24.8–27.3	25.0	23.9–26.1
5	24.3	23.6–25.0	24.5	23.2–25.9	24.7	23.5–26.0	23.8	22.7–24.9
6	23.3	22.6–24.0	23.5	22.2–24.9	23.5	22.3–24.8	23.2	22.0–24.4
7	22.5	21.8–23.3	22.8	21.4–24.1	22.8	21.5–24.0	22.3	21.0–23.5
8	21.9	21.2–22.7	21.8	20.5–23.2	22.4	21.1–23.7		
9	21.3	20.6–22.1	21.2	19.8–22.5	21.8	20.5–23.1		
10	21.1	20.3–21.9	21.0	19.6–22.3	21.6	20.3–22.9		
11	21.0	20.2–21.8	20.9	19.5–22.3	21.5	20.2–22.8		
12	20.7	19.9–21.6	20.7	19.3–22.1	20.9	19.5–22.4		
13	20.6	19.7–21.5	20.6	19.2–22.0				
14	20.6	19.7–21.5	20.6	19.1–22.0				
15	20.5	19.5–21.5	20.5	19.0–22.0				

Table 18.5: Cancer of the brain five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	54.7	49.1–60.2	57.1	47.4–66.9	54.1	43.1–65.1	54.4	46.1–62.6
5–9 years	66.1	60.1–72.1	63.1	52.0–74.2	64.2	53.5–74.8	70.6	61.1–80.0
10–19 years	71.6	67.5–75.7	71.6	64.4–78.8	69.5	61.9–77.1	74.2	67.7–80.7
20–29 years	57.3	53.2–61.4	56.0	48.7–63.4	61.5	54.0–68.9	54.0	47.0–61.0
30–39 years	49.8	46.3–53.3	46.7	40.1–53.2	49.5	43.4–55.5	52.5	46.7–58.4
40–49 years	26.7	24.0–29.3	23.3	18.3–28.3	27.2	22.6–31.8	27.5	23.0–32.0
50–59 years	11.2	9.7–12.8	9.2	6.5–11.8	12.1	9.1–15.0	12.2	9.6–14.8
60–69 years	5.0	4.0–6.0	5.3	3.4–7.3	4.5	2.8–6.1	5.4	3.8–7.1
70 years and over	3.7	2.7–4.8	4.6	2.2–7.0	3.6	1.7–5.4	3.5	2.0–4.9
All ages	24.3	23.3–25.2	24.8	23–26.6	24.3	22.6–26	23.8	22.3–25.3

Table 18.6: Cancer of the brain five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	54.8	48.6–60.9	57.4	46.7–68.2	57.7	46.1–69.3	51.1	41.5–60.7
5–9 years	59.3	53.3–65.3	53.0	42.4–63.6	70.4	60.5–80.4	54.5	44.0–65.0
10–19 years	69.5	64.6–74.4	65.6	55.4–75.8	70.9	63.0–78.7	70.9	63.2–78.5
20–29 years	63.0	58.4–67.7	55.7	46.7–64.7	67.8	60.1–75.5	64.4	56.8–72.1
30–39 years	49.0	44.9–53.1	44.0	36.5–51.5	48.8	42.2–55.5	53.6	46.2–60.9
40–49 years	28.1	24.9–31.4	27.5	21.2–33.8	25.1	19.7–30.6	30.4	24.9–35.9
50–59 years	11.9	9.8–13.9	12.6	8.5–16.6	9.8	6.5–13.2	12.9	9.6–16.3
60–69 years	5.8	4.6–7.0	6.2	3.9–8.4	5.1	3.1–7.0	6.2	4.1–8.3
70 years and over	4.7	3.6–5.9	5.7	3.1–8.3	4.7	2.7–6.7	4.4	2.8–6.1
All ages	24.3	23.2–25.4	24.1	22.0–26.1	25.3	23.4–27.1	23.8	22.1–25.4

Table 18.7: Cancer of the brain five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	54.7	50.6–58.8	57.3	50.1–64.5	55.8	47.8–63.7	53.0	46.7–59.2
5–9 years	62.6	58.3–66.8	57.7	49.9–65.4	67.4	60.1–74.7	62.3	55.1–69.5
10–19 years	70.7	67.6–73.9	69.5	63.6–75.3	70.2	64.7–75.6	72.8	67.8–77.7
20–29 years	59.7	56.6–62.8	55.9	50.2–61.6	64.4	59.0–69.8	58.2	53.0–63.5
30–39 years	49.5	46.8–52.1	45.5	40.6–50.4	49.2	44.7–53.6	52.9	48.4–57.5
40–49 years	27.3	25.2–29.3	25.0	21.1–29.0	26.4	22.9–29.9	28.7	25.2–32.1
50–59 years	11.5	10.2–12.7	10.4	8.2–12.6	11.2	9.0–13.4	12.5	10.4–14.5
60–69 years	5.4	4.6–6.1	5.7	4.2–7.2	4.7	3.5–6.0	5.8	4.5–7.1
70 years and over	4.2	3.5–5.0	5.2	3.4–6.9	4.2	2.8–5.6	4.0	2.9–5.1
All ages	24.3	23.6–25.0	24.5	23.2–25.9	24.7	23.5–26	23.8	22.7–24.9

Table 18.8: Cancer of the brain five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	24	24
Denmark (1985–1989)	20	23
England (1986–1990)	13	15
Europe (1985–1989)	18	20
Finland (1985–1989)	31	28
Iceland (1985–1989)	17	16
Italy (1985–1989)	17	17
Scotland (1985–1989)	13	13
United States (1984–1990)	29	27
Wales (1986–1990)	15	16

* Weighted average.

19. Cancer of the thyroid

Table 19.1: Cancer of the thyroid: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	31	74	1	1	95.3	98.8
20–29 years	99	451	3	1	97.5	100.0
30–39 years	203	808	4	10	98.6	99.3
40–49 years	247	815	14	15	95.6	98.8
50–59 years	189	501	33	26	86.5	97.2
60–69 years	207	391	59	58	76.4	89.6
70–79 years	147	269	71	97	66.9	76.4
80–89 years	55	112	35	68	65.4	65.1
90–99 years	5	14	5	11	68.8*	68.7
All ages	1,183	3,435	225	287	87.9	95.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 19.2: Cancer of the thyroid relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	89.6	88.3–90.9	87.0	84.0–90.0	89.0	86.4–91.6	91.2	89.4–92.9
2	88.0	86.5–89.5	85.8	82.5–89.1	85.8	82.8–88.9	90.1	88.2–92.1
3	86.6	84.9–88.2	83.2	79.5–86.8	84.1	80.8–87.4	89.6	87.4–91.7
4	86.0	84.3–87.8	83.0	79.2–86.8	83.6	80.1–87.1	88.7	86.3–91.1
5	84.8	82.8–86.7	81.0	77.0–85.1	82.6	78.9–86.3	87.9	85.1–90.6
6	84.4	82.3–86.4	81.5	77.3–85.7	81.7	77.8–85.6	87.2	84.1–90.3
7	83.6	81.4–85.8	80.6	76.2–85.0	80.7	76.6–84.8	87.0	83.4–90.6
8	83.8	81.4–86.1	81.3	76.7–85.8	80.6	76.3–84.8		
9	83.4	80.9–85.9	81.0	76.3–85.7	80.0	75.6–84.4		
10	83.0	80.3–85.7	80.5	75.7–85.4	79.8	75.1–84.4		
11	83.5	80.6–86.4	80.7	75.7–85.7	80.8	76.0–85.6		
12	82.5	79.3–85.6	80.7	75.5–85.8	77.4	71.6–83.2		
13	81.0	77.4–84.5	79.2	73.8–84.5				
14	80.4	76.6–84.2	78.6	73.1–84.1				
15	81.3	77.2–85.3	79.5	73.8–85.1				

Table 19.3: Cancer of the thyroid relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	94.5	93.9–95.0	90.5	88.9–92.1	93.9	92.7–95.1	96.4	95.7–97.1
2	93.4	92.7–94.1	88.3	86.5–90.2	92.8	91.4–94.1	95.8	95.1–96.6
3	93.1	92.4–93.9	88.1	86.2–90.0	92.1	90.6–93.6	95.8	94.9–96.6
4	92.9	92.2–93.7	87.5	85.5–89.6	92.0	90.5–93.5	95.7	94.7–96.6
5	93.0	92.1–93.8	87.8	85.8–89.9	91.9	90.3–93.5	95.6	94.6–96.7
6	92.9	92.0–93.8	87.7	85.5–89.8	91.7	90.0–93.4	95.8	94.6–96.9
7	92.9	91.9–93.8	87.7	85.4–89.9	91.8	90.1–93.6	95.4	93.9–96.8
8	92.9	91.9–93.9	87.9	85.6–90.2	91.6	89.8–93.5		
9	93.0	91.9–94.0	87.6	85.2–90.0	92.0	90.1–93.8		
10	93.0	91.8–94.2	87.5	85.0–89.9	92.2	90.2–94.1		
11	93.3	92.1–94.6	88.0	85.5–90.5	92.2	90.1–94.3		
12	93.7	92.3–95.0	88.3	85.7–90.9	92.5	90.4–94.7		
13	94.1	92.7–95.5	88.8	86.1–91.4				
14	94.6	93.1–96.2	89.3	86.6–92.0				
15	94.8	93.1–96.5	89.4	86.6–92.3				

Table 19.4: Cancer of the thyroid relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	93.2	92.6–93.7	89.6	88.1–91.0	92.6	91.5–93.7	95.0	94.3–95.7
2	92.0	91.3–92.6	87.6	86.0–89.2	90.9	89.6–92.2	94.4	93.6–95.2
3	91.4	90.7–92.1	86.7	85.0–88.5	90.0	88.6–91.4	94.2	93.4–95.1
4	91.2	90.4–91.9	86.3	84.5–88.1	89.8	88.3–91.3	94.0	93.0–94.9
5	90.9	90.1–91.7	86.0	84.1–87.9	89.4	87.9–91.0	93.7	92.7–94.8
6	90.7	89.9–91.6	86.0	84.1–88.0	89.1	87.5–90.7	93.7	92.6–94.9
7	90.5	89.6–91.5	85.8	83.8–87.8	89.0	87.3–90.7	93.3	91.9–94.7
8	90.6	89.7–91.6	86.2	84.1–88.2	88.8	87.0–90.6		
9	90.6	89.5–91.6	85.9	83.7–88.0	88.9	87.1–90.8		
10	90.5	89.4–91.6	85.7	83.4–87.9	89.1	87.2–91.0		
11	90.9	89.7–92.1	86.1	83.8–88.4	89.3	87.3–91.3		
12	90.9	89.6–92.2	86.4	84.0–88.7	88.8	86.6–91.0		
13	90.9	89.5–92.3	86.3	83.9–88.7				
14	91.1	89.6–92.6	86.6	84.1–89.1				
15	91.5	89.8–93.2	86.9	84.3–89.5				

Table 19.5: Cancer of the thyroid five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	98.6	95.0–100.4	*		*		95.3	85.8–100.4
20–29 years	97.4	95.0–99.8	*		93.2	86.8–99.5	97.5	93.1–100.6
30–39 years	97.7	95.9–99.5	98.3	94.9–100.8	95.5	91.0–100.0	98.6	96.5–100.7
40–49 years	91.6	88.8–94.5	84.8	77.5–92.0	91.3	85.8–96.8	95.6	92.5–98.8
50–59 years	81.6	77.1–86.1	75.3	65.8–84.9	79.3	70.6–88.0	86.5	80.5–92.6
60–69 years	74.3	69.1–79.4	68.7	57.6–79.9	74.2	65.2–83.1	76.4	68.5–84.4
70–79 years	60.2	52.1–68.4	42.5	26.4–58.5	62.6	48.0–77.1	66.9	55.1–78.8
80–89 years	48.2	27.9–68.5	68.7	12.7–124.7	21.8	0.0–45.3	65.4	35.9–95.0
90–99 years	*		*		*		68.8	0.0–189.3
All ages	84.8	82.8–86.7	81.0	77–85.1	82.6	78.9–86.3	87.9	85.1–90.6

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 19.6: Cancer of the thyroid five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	97.9	95.7–100.1	98.5	95.1–100.2	95.8	89.7–100.2	98.8	96.2–100.2
20–29 years	99.3	98.7–100.0	97.8	95.8–99.7	99.9	99.1–100.2	100.0	99.6–100.2
30–39 years	99.4	98.9–99.9	98.8	97.4–100.2	99.9	99.3–100.4	99.3	98.6–100.1
40–49 years	97.7	96.7–98.7	93.9	90.6–97.2	98.1	96.3–100.0	98.8	97.6–99.9
50–59 years	95.1	93.4–96.8	90.8	86.2–95.3	94.5	91.2–97.9	97.2	95.1–99.2
60–69 years	84.1	80.9–87.3	75.6	68.2–83.0	80.1	73.7–86.6	89.6	85.4–93.8
70–79 years	65.0	59.8–70.3	52.2	42.0–62.4	56.8	47.1–66.4	76.4	68.7–84.0
80–89 years	47.8	37.8–57.8	27.2	12.4–42.0	41.8	24.0–59.6	65.1	48.7–81.5
90–99 years	48.0	0.0–98.3	*		*		68.7	0.0–137.6
All ages	93.0	92.1–93.8	87.8	85.8–89.9	91.9	90.3–93.5	95.6	94.6–96.7

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 19.7: Cancer of the thyroid five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	98.1	96.2–100.0	98.9	96.2–100.3	97.2	93.0–100.3	97.9	94.6–100.2
20–29 years	99.0	98.3–99.6	98.4	96.9–99.9	98.5	97.1–100.0	99.5	98.6–100.3
30–39 years	99.1	98.5–99.6	98.7	97.4–100.0	99.2	98.2–100.1	99.2	98.5–99.9
40–49 years	96.1	95.1–97.2	91.1	87.9–94.3	96.3	94.3–98.3	98.0	96.9–99.2
50–59 years	91.3	89.4–93.1	85.9	81.4–90.3	90.2	86.7–93.8	94.3	92.1–96.6
60–69 years	80.6	77.8–83.4	73.2	66.9–79.4	77.8	72.5–83.0	85.2	81.3–89.1
70–79 years	63.5	59.1–67.9	49.4	40.7–58.1	58.7	50.7–66.7	73.2	66.7–79.7
80–89 years	48.3	39.2–57.3	32.4	17.6–47.3	36.5	21.8–51.2	65.6	51.2–79.9
90–99 years	72.7	21.1–124.2	*		*		68.7	8.9–128.6
All ages	90.9	90.1–91.7	86.0	84.1–87.9	89.4	87.9–91	93.7	92.7–94.8

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 19.8: Cancer of the thyroid five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	88	96
Denmark (1985–1989)	59	72
England (1986–1990)	64	75
Europe* (1985–1989)	67	78
Finland (1985–1989)	83	88
Iceland (1985–1989)	93	94
Scotland (1985–1989)	72	74
United States (1984–1990)	91	97
Wales (1986–1990)	67	78

* Weighted average.

20. Cancers of unknown primary site

Table 20.1: Cancer of unknown primary site: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–19 years	27	22	14	7	47.2	68.7
20–29 years	45	34	23	24	46.8	29.5
30–39 years	144	174	97	126	32.2	26.6
40–49 years	481	390	365	313	23.9	19.7
50–59 years	1,104	751	924	623	16.7	15.8
60–69 years	2,480	1,629	2,195	1,424	12.2	12.7
70–79 years	2,919	2,457	2,699	2,264	9.9	9.0
80–89 years	1,574	2,105	1,485	2,026	9.9	5.7
90–99 years	192	433	189	423	4.9	7.5
All ages	8,966	7,995	7,991	7,230	13.4	11.5

Table 20.2: Cancer of unknown primary site relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	22.5	22.0–23.1	21.1	20.0–22.2	22.7	21.7–23.8	23.3	22.4–24.2
2	16.1	15.6–16.6	14.6	13.6–15.5	16.2	15.3–17.1	17.0	16.1–17.8
3	14.1	13.6–14.6	12.9	12.0–13.9	14.3	13.4–15.2	14.8	14.0–15.6
4	13.2	12.7–13.7	11.9	11.0–12.8	13.4	12.5–14.4	14.0	13.1–14.8
5	12.8	12.3–13.4	11.7	10.7–12.6	13.0	12.1–13.9	13.4	12.5–14.3
6	12.6	12.1–13.1	11.4	10.4–12.4	12.8	11.9–13.8	13.2	12.2–14.1
7	12.4	11.8–13.0	11.3	10.3–12.3	12.6	11.6–13.5	13.0	12.0–14.0
8	12.4	11.8–13.0	11.2	10.2–12.3	12.6	11.6–13.6		
9	12.6	12.0–13.2	11.4	10.3–12.5	12.9	11.8–13.9		
10	12.6	11.9–13.2	11.3	10.2–12.4	12.8	11.7–13.9		
11	12.7	12.0–13.4	11.4	10.2–12.5	13.1	11.9–14.2		
12	12.9	12.1–13.6	11.6	10.4–12.8	13.0	11.7–14.3		
13	13.0	12.2–13.9	11.7	10.5–13.0				
14	13.6	12.7–14.4	12.2	10.9–13.5				
15	14.0	13.0–14.9	12.6	11.2–13.9				

Table 20.3: Cancer of unknown primary site relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	21.9	21.3–22.5	21.2	20.0–22.3	21.9	20.8–23.0	22.5	21.5–23.4
2	14.7	14.1–15.2	14.0	13.0–15.0	14.8	13.8–15.7	15.0	14.2–15.9
3	12.5	12.0–13.0	11.8	10.8–12.7	12.4	11.5–13.3	13.1	12.3–13.9
4	11.5	11.0–12.0	10.8	9.8–11.7	11.6	10.7–12.5	12.0	11.1–12.8
5	11.0	10.5–11.5	10.4	9.5–11.4	10.9	10.0–11.8	11.5	10.6–12.3
6	10.8	10.3–11.3	10.1	9.1–11.0	10.7	9.8–11.6	11.5	10.6–12.4
7	10.8	10.2–11.3	9.9	9.0–10.9	10.8	9.8–11.7	11.3	10.3–12.3
8	10.8	10.2–11.4	10.1	9.1–11.1	10.7	9.8–11.7		
9	10.8	10.2–11.4	10.0	9.0–11.0	10.7	9.7–11.7		
10	10.9	10.2–11.5	10.1	9.0–11.2	10.7	9.7–11.8		
11	10.9	10.3–11.6	10.1	9.0–11.2	11.0	9.9–12.1		
12	11.0	10.3–11.7	10.1	9.0–11.3	11.3	10.2–12.5		
13	11.4	10.6–12.1	10.5	9.3–11.7				
14	11.5	10.7–12.4	10.6	9.4–11.9				
15	11.6	10.7–12.6	10.7	9.4–12.0				

Table 20.4: Cancer of unknown primary site relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	22.3	21.8–22.7	21.1	20.4–21.9	22.4	21.6–23.1	22.9	22.2–23.5
2	15.4	15.0–15.8	14.3	13.6–15.0	15.5	14.9–16.2	16.1	15.5–16.6
3	13.4	13.0–13.7	12.4	11.7–13.1	13.4	12.7–14.0	14.0	13.4–14.6
4	12.4	12.1–12.8	11.4	10.7–12.0	12.6	11.9–13.2	13.0	12.4–13.6
5	12.0	11.6–12.3	11.1	10.4–11.8	12.0	11.4–12.7	12.5	11.9–13.1
6	11.7	11.4–12.1	10.8	10.1–11.4	11.8	11.1–12.5	12.4	11.7–13.0
7	11.6	11.2–12.0	10.7	10.0–11.4	11.7	11.1–12.4	12.2	11.5–12.9
8	11.6	11.2–12.1	10.7	9.9–11.4	11.7	11.0–12.4		
9	11.7	11.3–12.2	10.7	10.0–11.5	11.9	11.1–12.6		
10	11.7	11.3–12.2	10.7	10.0–11.5	11.8	11.1–12.6		
11	11.9	11.4–12.3	10.8	10.0–11.5	12.1	11.3–12.9		
12	12.0	11.5–12.5	10.9	10.1–11.7	12.2	11.3–13.1		
13	12.2	11.7–12.8	11.1	10.2–12.0				
14	12.6	12.0–13.2	11.4	10.5–12.3				
15	12.8	12.2–13.5	11.6	10.7–12.6				

Table 20.5: Cancer of unknown primary site five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	52.4	41.0–63.9	44.9	26.5–63.3	69.5	48.5–90.5	47.2	28.0–66.5
20–29 years	49.2	40.4–58.0	47.9	32.7–63.1	51.6	36.2–67.0	46.8	30.8–62.7
30–39 years	35.9	31.1–40.7	33.0	24.1–41.8	41.5	33.3–49.7	32.2	24.3–40.1
40–49 years	20.6	18.2–23.1	13.7	9.8–17.7	21.9	17.5–26.4	23.9	19.9–27.9
50–59 years	15.4	14.1–16.8	15.0	12.6–17.3	14.7	12.4–16.9	16.7	14.3–19.0
60–69 years	10.9	10.1–11.8	9.0	7.5–10.5	11.0	9.6–12.4	12.2	10.7–13.6
70–79 years	9.6	8.7–10.4	8.9	7.3–10.5	9.6	8.1–11.1	9.9	8.5–11.3
80–89 years	9.2	7.6–10.8	8.3	5.1–11.4	8.2	5.5–10.8	9.9	7.4–12.4
90–99 years	5.0	0.4–9.6	10.6	0.0–25.2	*		4.9	0.0–11.1
All ages	12.8	12.3–13.4	11.7	10.7–12.6	13.0	12.1–13.9	13.4	12.5–14.3

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 20.6: Cancer of unknown primary site five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	55.3	44.4–66.3	46.8	29.9–63.7	55.7	36.9–74.5	68.7	48.0–89.4
20–29 years	34.0	25.2–42.8	39.6	25.0–54.3	31.5	16.1–46.9	29.5	14.1–44.8
30–39 years	28.0	23.4–32.5	28.2	19.2–37.3	29.2	20.7–37.7	26.6	19.7–33.4
40–49 years	19.4	16.7–22.0	16.1	11.2–21.0	21.2	16.5–25.9	19.7	15.5–23.9
50–59 years	14.2	12.6–15.7	12.9	10.3–15.5	12.9	10.2–15.6	15.8	12.9–18.7
60–69 years	10.9	9.9–11.8	8.6	7.0–10.3	10.8	9.1–12.5	12.7	11.0–14.5
70–79 years	8.6	7.8–9.4	8.9	7.3–10.5	8.0	6.6–9.4	9.0	7.7–10.3
80–89 years	6.1	5.2–7.1	5.6	3.7–7.5	7.1	5.3–9.0	5.7	4.2–7.1
90–99 years	6.5	3.3–9.8	6.6	0.0–14.0	5.5	0.2–10.8	7.5	2.8–12.3
All ages	11.0	10.5–11.5	10.4	9.5–11.4	10.9	10–11.8	11.5	10.6–12.3

Table 20.7: Cancer of unknown primary site five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	53.9	46.0–61.8	46.0	33.5–58.4	61.6	47.5–75.7	56.6	42.1–71.1
20–29 years	42.1	35.8–48.4	43.7	33.1–54.3	42.3	31.2–53.5	39.7	28.5–50.9
30–39 years	32.0	28.6–35.3	30.8	24.4–37.1	36.1	30.1–42.1	28.9	23.7–34.1
40–49 years	20.1	18.3–21.8	14.8	11.7–17.8	21.6	18.3–24.8	22.0	19.1–24.9
50–59 years	14.9	13.9–15.9	14.1	12.4–15.8	14.0	12.2–15.7	16.3	14.5–18.1
60–69 years	10.9	10.2–11.5	8.8	7.8–9.9	10.9	9.8–12.0	12.4	11.3–13.5
70–79 years	9.1	8.5–9.7	8.9	7.8–10.1	8.8	7.8–9.8	9.5	8.5–10.4
80–89 years	7.3	6.4–8.1	6.5	4.9–8.2	7.5	6.0–9.0	7.3	6.0–8.6
90–99 years	6.1	3.4–8.8	7.8	1.0–14.6	4.3	0.1–8.4	6.7	2.8–10.5
All ages	12.0	11.6–12.3	11.1	10.4–11.8	12.0	11.4–12.7	12.5	11.9–13.1

Adenocarcinoma of unknown primary site

Table 20.8: Cancer of unknown primary site, adenocarcinoma relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	15.4	14.6–16.2	15.1	13.4–16.8	15.5	14.1–17.0	15.5	14.2–16.7
2	8.3	7.7–9.0	8.4	7.1–9.7	8.3	7.1–9.4	8.4	7.4–9.3
3	6.5	5.9–7.1	7.0	5.8–8.3	6.4	5.4–7.4	6.2	5.3–7.1
4	5.6	5.0–6.1	5.9	4.7–7.1	5.5	4.5–6.4	5.5	4.6–6.4
5	5.3	4.7–5.9	5.8	4.6–7.0	5.0	4.0–6.0	5.3	4.4–6.2
6	5.0	4.5–5.6	5.6	4.4–6.8	4.9	3.9–5.9	4.7	3.7–5.6
7	4.9	4.3–5.4	5.3	4.1–6.5	4.8	3.8–5.8	4.4	3.4–5.4
8	4.8	4.2–5.4	5.2	4.0–6.4	4.7	3.7–5.8		
9	4.9	4.2–5.5	5.4	4.1–6.6	4.8	3.7–5.8		
10	4.9	4.3–5.6	5.5	4.2–6.8	4.8	3.7–5.9		
11	5.0	4.3–5.7	5.5	4.1–6.9	4.9	3.7–6.0		
12	5.1	4.4–5.9	5.6	4.2–7.0	5.1	3.9–6.3		
13	5.1	4.3–5.9	5.6	4.2–7.1				
14	5.3	4.4–6.1	5.8	4.3–7.4				
15	5.6	4.7–6.5	6.2	4.6–7.8				

Table 20.9: Cancer of unknown primary site, adenocarcinoma relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	20.4	19.5–21.4	17.6	15.8–19.4	21.4	19.7–23.0	21.3	19.9–22.7
2	12.1	11.3–12.8	10.2	8.8–11.7	12.8	11.4–14.2	12.5	11.4–13.6
3	9.8	9.1–10.5	8.3	7.0–9.6	10.1	8.8–11.3	10.3	9.2–11.4
4	8.8	8.1–9.5	7.5	6.2–8.8	9.3	8.1–10.6	9.1	8.0–10.2
5	8.2	7.5–8.9	7.3	6.0–8.6	8.5	7.3–9.7	8.3	7.2–9.4
6	7.9	7.2–8.6	7.1	5.8–8.4	8.1	6.9–9.3	8.1	7.0–9.3
7	7.8	7.1–8.5	6.9	5.5–8.2	8.0	6.8–9.2	8.3	7.2–9.5
8	7.7	7.0–8.5	6.8	5.4–8.1	7.9	6.6–9.1		
9	7.4	6.6–8.1	6.4	5.1–7.7	7.6	6.3–8.8		
10	7.4	6.6–8.1	6.5	5.1–7.9	7.4	6.2–8.7		
11	7.3	6.5–8.1	6.4	5.1–7.8	7.4	6.0–8.7		
12	7.5	6.6–8.3	6.6	5.1–8.0	7.7	6.3–9.0		
13	7.7	6.8–8.7	6.8	5.3–8.3				
14	7.9	6.9–8.9	6.9	5.4–8.5				
15	8.1	7.0–9.1	7.1	5.5–8.7				

Table 20.10: Cancer of unknown primary site, adenocarcinoma five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	33.5	0.0–87.1	*		*		33.5	0.0–87.1
20–29 years	21.0	4.6–37.3	22.4	0.0–49.7	16.8	0.0–46.8	22.4	0.0–49.7
30–39 years	13.1	7.4–18.7	15.1	4.0–26.3	11.2	1.9–20.5	11.8	2.4–21.2
40–49 years	9.2	6.6–11.8	8.5	3.5–13.6	10.5	5.5–15.6	8.7	4.8–12.5
50–59 years	5.4	4.1–6.6	6.9	4.3–9.4	4.3	2.4–6.3	5.2	3.2–7.3
60–69 years	4.1	3.3–5.0	4.2	2.4–5.9	4.9	3.4–6.4	3.5	2.2–4.8
70–79 years	4.6	3.6–5.7	4.3	2.2–6.4	3.9	2.2–5.6	5.4	3.8–7.1
80–89 years	6.0	3.3–8.6	8.8	1.2–16.3	2.3	0.0–5.4	6.8	3.0–10.6
90–99 years	8.2	0.0–24.0	*		*		12.2	0.0–35.8
All ages	5.3	4.7–5.9	5.8	4.6–7	5.0	4–6	5.3	4.4–6.2

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 20.11: Cancer of unknown primary site, adenocarcinoma five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	*		*		*		*	
20–29 years	15.6	5.0–26.2	7.7	0.0–22.2	22.3	3.0–41.5	14.3	0.0–32.7
30–39 years	17.7	12.4–23.0	24.0	11.6–36.4	13.6	4.8–22.4	17.1	9.5–24.8
40–49 years	14.1	10.9–17.3	10.2	4.5–15.9	16.4	10.4–22.4	14.6	9.8–19.4
50–59 years	10.2	8.3–12.1	10.3	6.9–13.8	7.3	4.5–10.0	11.9	8.3–15.5
60–69 years	7.5	6.3–8.6	5.2	3.3–7.1	8.3	6.2–10.3	8.0	6.0–10.0
70–79 years	6.4	5.3–7.5	6.7	4.3–9.1	6.5	4.6–8.5	6.1	4.5–7.8
80–89 years	5.3	3.6–7.0	3.7	0.5–6.9	8.2	4.4–12.1	4.1	1.9–6.3
90–99 years	10.0	0.3–19.7	*		23.0	0.0–53.9	7.8	0.0–18.5
All ages	8.2	7.5–8.9	7.3	6.0–8.6	8.5	7.3–9.7	8.3	7.2–9.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

21. Hodgkin's disease

Table 21.1: Hodgkin's disease: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992-1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0-4 years	184	151	12	8	95.7	95.1
5-9 years	265	274	14	21	96.1	92.4
10-19 years	211	189	28	7	87.9	95.6
20-29 years	169	90	19	13	88.5	86.6
30-39 years	107	65	34	17	68.5	77.9
40-49 years	134	93	68	39	56.3	62.0
50-59 years	94	93	59	55	51.1	52.6
60-69 years	32	40	28	33	21.8	23.4
70-99 years	2	1	2	0	*	*
All ages	1,198	996	264	193	82.6	84.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 21.2: Hodgkin's disease relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982-1997		1982-1986		1987-1991		1992-1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	90.7	89.6-91.8	89.6	87.6-91.7	90.0	87.9-92.0	92.0	90.4-93.7
2	85.9	84.6-87.3	83.7	81.2-86.2	84.8	82.3-87.3	88.6	86.7-90.6
3	82.8	81.3-84.3	79.9	77.1-82.7	81.7	78.9-84.4	86.0	83.8-88.3
4	80.7	79.1-82.3	77.0	74.1-80.0	79.8	77.0-82.7	84.4	82.0-86.8
5	78.8	77.2-80.5	74.1	71.0-77.2	79.1	76.1-82.0	82.6	79.9-85.3
6	76.9	75.1-78.7	72.1	68.9-75.4	77.7	74.7-80.8	79.9	76.7-83.0
7	76.1	74.2-77.9	71.4	68.0-74.7	76.7	73.5-79.9	79.4	76.0-82.9
8	75.4	73.5-77.4	70.7	67.3-74.1	76.0	72.7-79.2		
9	74.7	72.7-76.7	69.8	66.3-73.2	75.5	72.2-78.9		
10	74.1	72.0-76.2	69.6	66.1-73.2	74.2	70.7-77.8		
11	73.1	70.8-75.3	68.3	64.7-71.9	74.1	70.5-77.8		
12	73.0	70.6-75.3	68.5	64.8-72.2	72.7	68.5-76.9		
13	72.3	69.8-74.7	67.7	64.0-71.5				
14	71.9	69.3-74.5	67.4	63.6-71.2				
15	71.3	68.4-74.1	66.8	62.9-70.7				

Table 21.3: Hodgkin's disease relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	90.3	89.0–91.5	87.0	84.3–89.7	89.3	86.9–91.7	93.1	91.5–94.8
2	85.8	84.3–87.3	80.7	77.5–83.9	85.4	82.6–88.1	89.5	87.4–91.5
3	82.9	81.3–84.6	76.5	73.1–80.0	82.8	79.8–85.8	87.2	84.8–89.5
4	81.4	79.7–83.2	75.6	72.0–79.2	81.2	78.1–84.4	85.3	82.7–87.8
5	80.1	78.2–81.9	73.8	70.0–77.5	79.9	76.6–83.2	84.4	81.7–87.2
6	79.0	77.1–81.0	72.6	68.7–76.4	79.3	75.9–82.7	83.0	79.9–86.1
7	78.1	76.1–80.2	71.7	67.7–75.6	78.7	75.2–82.2	81.2	77.6–84.9
8	78.1	76.0–80.2	71.5	67.4–75.5	78.7	75.1–82.3		
9	77.8	75.6–80.0	71.7	67.6–75.8	77.9	74.2–81.6		
10	77.1	74.8–79.4	71.0	66.8–75.2	77.3	73.5–81.1		
11	77.0	74.6–79.5	70.7	66.4–75.0	77.7	73.7–81.6		
12	76.9	74.3–79.5	70.3	65.9–74.7	78.5	74.6–82.5		
13	76.4	73.7–79.1	70.0	65.6–74.5				
14	75.8	72.9–78.8	69.5	64.9–74.1				
15	76.4	73.3–79.5	70.0	65.4–74.6				

Table 21.4: Hodgkin's disease relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	90.5	89.7–91.3	88.6	86.9–90.2	89.7	88.1–91.2	92.5	91.4–93.7
2	85.9	84.9–86.9	82.4	80.5–84.4	85.0	83.2–86.9	89.0	87.6–90.4
3	82.8	81.7–83.9	78.5	76.3–80.7	82.1	80.1–84.2	86.5	84.9–88.1
4	81.0	79.8–82.2	76.4	74.1–78.7	80.4	78.3–82.6	84.8	83.0–86.6
5	79.4	78.1–80.6	74.0	71.6–76.4	79.4	77.2–81.6	83.5	81.5–85.4
6	77.8	76.5–79.2	72.3	69.8–74.8	78.4	76.1–80.7	81.3	79.1–83.5
7	77.0	75.6–78.3	71.5	68.9–74.0	77.6	75.2–79.9	80.2	77.7–82.8
8	76.6	75.1–78.0	71.0	68.4–73.6	77.2	74.7–79.6		
9	76.0	74.5–77.5	70.6	67.9–73.2	76.5	74.1–79.0		
10	75.4	73.8–76.9	70.2	67.5–72.9	75.6	73.0–78.2		
11	74.8	73.1–76.4	69.3	66.5–72.1	75.7	73.0–78.3		
12	74.6	72.9–76.4	69.2	66.4–72.1	75.3	72.4–78.2		
13	74.0	72.2–75.9	68.7	65.8–71.5				
14	73.6	71.6–75.6	68.3	65.3–71.2				
15	73.4	71.3–75.5	68.1	65.1–71.1				

Table 21.5: Hodgkin's disease five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	91.5	88.8–94.2	84.7	78.4–90.9	93.4	89.4–97.4	95.7	92.4–98.9
5–9 years	89.7	87.4–92.1	84.9	80.1–89.6	88.9	84.7–93.2	96.1	93.5–98.7
10–19 years	87.3	84.3–90.3	87.1	82.0–92.3	86.9	81.1–92.7	87.9	83.1–92.7
20–29 years	83.5	79.6–87.4	74.1	65.2–83.1	84.3	77.8–90.7	88.5	82.9–94.0
30–39 years	73.5	68.0–78.9	76.4	67.8–85.1	72.8	63.3–82.4	68.5	57.6–79.5
40–49 years	48.8	42.6–55.0	36.5	26.2–46.8	51.4	40.3–62.5	56.3	45.9–66.8
50–59 years	36.3	28.3–44.3	29.5	16.7–42.4	28.8	15.8–41.8	51.1	37.3–64.8
60–69 years	24.6	8.3–40.9	*		35.9	7.3–64.6	21.8	0.0–47.9
70 years and over	60.8	0.0–169.7	*		123.4	0.0–320.9	*	
All ages	78.8	77.2–80.5	74.1	71–77.2	79.1	76.1–82	82.6	79.9–85.3

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 21.6: Hodgkin's disease five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	93.4	90.6–96.1	90.8	85.0–96.7	93.3	88.4–98.2	95.1	91.1–99.1
5–9 years	91.4	89.2–93.7	87.6	82.6–92.5	94.0	90.6–97.4	92.4	88.9–95.8
10–19 years	92.6	89.8–95.3	85.9	78.9–92.9	93.6	89.4–97.9	95.6	91.9–99.4
20–29 years	85.0	79.6–90.3	82.3	70.5–94.0	83.2	73.2–93.2	86.6	78.6–94.6
30–39 years	73.1	65.9–80.3	67.0	54.9–79.1	76.9	63.1–90.6	77.9	67.1–88.7
40–49 years	57.8	51.0–64.6	54.7	42.4–67.1	55.6	44.1–67.1	62.0	50.4–73.7
50–59 years	38.6	31.1–46.1	27.8	15.8–39.7	32.8	20.2–45.4	52.6	39.7–65.4
60–69 years	16.5	6.3–26.6	14.7	0.0–30.7	10.7	0.0–25.1	23.4	2.4–44.4
70 years and over	*		*		*		*	
All ages	80.1	78.2–81.9	73.8	70.0–77.5	79.9	76.6–83.2	84.4	81.7–87.2

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 21.7: Hodgkin's disease five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	92.3	90.4–94.2	87.2	82.9–91.6	93.4	90.3–96.5	95.4	92.9–98.0
5–9 years	90.5	88.9–92.2	86.0	82.6–89.5	91.3	88.5–94.1	94.2	92.0–96.4
10–19 years	89.7	87.6–91.8	86.7	82.5–90.9	90.2	86.6–93.9	91.6	88.5–94.7
20–29 years	84.0	80.8–87.1	76.6	69.4–83.8	83.9	78.5–89.4	87.8	83.2–92.4
30–39 years	73.3	68.9–77.6	73.0	65.9–80.1	74.0	66.1–81.9	71.8	63.7–79.9
40–49 years	52.7	48.1–57.3	44.3	36.2–52.4	53.4	45.4–61.4	58.5	50.7–66.4
50–59 years	37.6	32.1–43.0	28.6	19.8–37.4	30.9	21.8–40.0	51.7	42.3–61.2
60–69 years	19.4	10.6–28.2	11.2	0.0–23.5	21.5	6.5–36.5	22.5	6.1–38.9
70 years and over	57.4	0.0–129.9	*		48.1	0.0–135.4	*	
All ages	79.4	78.1–80.6	74.0	71.6–76.4	79.4	77.2–81.6	83.5	81.5–85.4

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 21.8: Hodgkin's disease five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	79	80
Denmark (1985–1989)	71	73
England (1986–1990)	—	—
Europe* (1985–1989)	72	74
Finland (1985–1989)	75	74
Iceland (1985–1989)	92	100
Italy (1985–1989)	69	71
Scotland (1985–1989)	68	67
United States (1984–1990)	79	86
Wales (1986–1990)	—	—

* Weighted average.

22. Non-Hodgkin's lymphoma

Table 22.1: Non-Hodgkin's lymphoma: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992-1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0-19 years	152	69	33	14	76.5	79.5
20-29 years	147	99	60	28	60.8	72.8
30-39 years	357	172	152	57	59.8	75.3
40-49 years	478	351	226	113	62.3	75.9
50-59 years	790	553	340	238	61.6	65.8
60-69 years	1,145	852	619	438	55.3	54.7
70-79 years	1,235	1,128	864	704	43.6	45.3
80-89 years	512	618	437	490	29.7	32.8
90-99 years	36	77	34	69	19.0	12.0
All ages	4,852	3,919	2,765	2,151	54.6	55.8

Table 22.2: Non-Hodgkin's lymphoma relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982-1997		1982-1986		1987-1991		1992-1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	72.4	71.8-73.1	71.4	70.0-72.8	71.6	70.4-72.8	73.4	72.5-74.4
2	63.8	63.0-64.5	61.9	60.4-63.5	62.9	61.6-64.3	65.2	64.1-66.3
3	59.0	58.2-59.8	56.5	54.9-58.1	57.9	56.5-59.3	61.0	59.9-62.1
4	55.4	54.6-56.2	52.7	51.0-54.4	54.3	52.8-55.7	57.5	56.3-58.7
5	52.3	51.4-53.1	49.6	47.9-51.4	51.1	49.6-52.5	54.6	53.2-55.9
6	50.5	49.6-51.4	47.3	45.6-49.1	49.9	48.4-51.4	52.5	51.1-53.9
7	48.3	47.4-49.3	45.0	43.2-46.8	47.9	46.3-49.5	50.5	48.9-52.2
8	46.8	45.8-47.8	44.0	42.2-45.9	46.1	44.5-47.7		
9	45.5	44.5-46.6	42.1	40.2-44.0	45.4	43.8-47.1		
10	44.3	43.2-45.4	41.1	39.2-43.0	44.0	42.3-45.7		
11	43.1	41.9-44.2	39.7	37.8-41.6	43.2	41.4-45.0		
12	42.3	41.0-43.5	39.0	37.0-41.0	42.5	40.5-44.5		
13	41.5	40.1-42.8	38.2	36.2-40.2				
14	41.2	39.7-42.6	37.9	35.8-40.0				
15	41.1	39.5-42.7	37.8	35.7-40.0				

Table 22.3: Non-Hodgkin's lymphoma relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	74.0	73.3–74.7	72.9	71.4–74.4	73.9	72.6–75.2	74.5	73.5–75.5
2	65.2	64.4–66.0	62.8	61.2–64.4	65.3	63.9–66.8	66.3	65.2–67.5
3	60.4	59.6–61.2	57.3	55.6–59.0	60.3	58.8–61.9	62.1	60.9–63.3
4	56.8	55.9–57.7	53.1	51.3–54.8	57.2	55.6–58.7	58.6	57.3–59.9
5	54.0	53.0–54.9	49.9	48.1–51.7	54.6	53.0–56.2	55.8	54.3–57.2
6	51.8	50.8–52.7	48.0	46.2–49.8	52.1	50.5–53.8	53.7	52.1–55.2
7	49.5	48.5–50.5	46.1	44.3–48.0	49.7	48.0–51.4	51.5	49.7–53.4
8	47.6	46.5–48.6	44.2	42.3–46.1	47.7	46.0–49.5		
9	46.3	45.2–47.4	42.7	40.8–44.7	46.7	45.0–48.5		
10	44.5	43.3–45.6	40.9	38.9–42.9	45.0	43.2–46.9		
11	43.4	42.2–44.7	40.0	38.0–42.0	44.0	42.0–45.9		
12	42.4	41.0–43.7	39.2	37.1–41.2	42.5	40.3–44.7		
13	41.4	39.9–42.8	38.4	36.3–40.5				
14	40.5	39.0–42.1	37.6	35.5–39.7				
15	40.0	38.3–41.7	37.1	34.9–39.4				

Table 22.4: Non-Hodgkin's lymphoma relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	73.1	72.6–73.6	72.1	71.1–73.1	72.7	71.8–73.5	73.9	73.2–74.6
2	64.4	63.9–64.9	62.3	61.2–63.4	64.0	63.0–65.0	65.7	64.9–66.5
3	59.6	59.1–60.2	56.9	55.7–58.1	59.0	58.0–60.0	61.5	60.7–62.3
4	56.0	55.4–56.6	52.9	51.7–54.1	55.6	54.5–56.6	58.0	57.1–58.9
5	53.0	52.4–53.7	49.8	48.5–51.0	52.6	51.6–53.7	55.1	54.1–56.1
6	51.1	50.4–51.7	47.6	46.4–48.9	50.9	49.8–52.0	53.0	52.0–54.1
7	48.9	48.2–49.6	45.5	44.2–46.8	48.7	47.6–49.9	51.0	49.8–52.2
8	47.2	46.4–47.9	44.1	42.8–45.4	46.8	45.7–48.0		
9	45.9	45.1–46.7	42.4	41.1–43.8	46.0	44.8–47.2		
10	44.4	43.6–45.2	41.0	39.6–42.4	44.5	43.2–45.7		
11	43.2	42.4–44.1	39.8	38.5–41.2	43.5	42.2–44.9		
12	42.3	41.4–43.2	39.1	37.6–40.5	42.5	41.0–43.9		
13	41.4	40.4–42.4	38.3	36.8–39.7				
14	40.8	39.8–41.9	37.8	36.3–39.3				
15	40.5	39.4–41.7	37.5	35.9–39.0				

Table 22.5: Non-Hodgkin's lymphoma five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	72.2	68.6–75.7	67.3	60.4–74.1	71.1	64.8–77.5	76.5	71.0–82.0
20–29 years	60.0	56.1–63.9	65.8	58.0–73.5	55.3	48.2–62.5	60.8	55.1–66.6
30–39 years	60.0	57.4–62.6	67.0	61.6–72.3	57.2	52.6–61.8	59.8	56.0–63.6
40–49 years	62.1	60.0–64.2	61.3	56.8–65.9	62.2	58.6–65.8	62.3	59.2–65.5
50–59 years	58.7	56.8–60.5	53.1	49.5–56.7	59.0	55.7–62.4	61.6	58.8–64.4
60–69 years	50.8	49.2–52.5	45.3	42.0–48.5	49.2	46.3–52.0	55.3	52.7–57.9
70–79 years	40.0	38.2–41.9	36.1	32.4–39.8	37.8	34.6–41.0	43.6	40.6–46.5
80–89 years	28.3	24.8–31.7	23.6	16.1–31.1	28.6	22.7–34.5	29.7	24.5–34.9
90–99 years	16.4	3.8–28.9	*		27.8	0.0–58.2	19.0	0.0–38.4
All ages	52.3	51.4–53.1	49.6	47.9–51.4	51.1	49.6–52.5	54.6	53.2–55.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 22.6: Non-Hodgkin's lymphoma five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	76.1	71.2–81.0	68.3	58.7–77.9	79.5	70.9–88.1	79.5	72.0–87.0
20–29 years	72.1	67.3–77.0	69.9	59.6–80.3	73.3	64.7–81.8	72.8	65.7–79.9
30–39 years	73.3	70.1–76.4	72.8	66.7–78.9	71.1	65.2–76.9	75.3	70.6–80.1
40–49 years	71.4	69.1–73.8	62.9	57.7–68.0	71.0	66.8–75.3	75.9	72.6–79.2
50–59 years	64.4	62.4–66.4	58.7	54.8–62.6	67.5	63.9–71.0	65.8	62.6–68.9
60–69 years	53.5	51.7–55.2	49.5	46.1–52.9	54.6	51.6–57.6	54.7	51.9–57.5
70–79 years	42.1	40.3–43.8	36.1	32.7–39.5	42.1	39.0–45.1	45.3	42.5–48.0
80–89 years	30.7	27.9–33.6	29.8	23.7–35.9	27.6	22.6–32.7	32.8	28.6–37.0
90–99 years	16.1	7.0–25.2	7.0	0.0–20.6	29.4	6.9–51.9	12.0	0.5–23.5
All ages	54.0	53.0–54.9	49.9	48.1–51.7	54.6	53–56.2	55.8	54.3–57.2

Table 22.7: Non-Hodgkin's lymphoma five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–19 years	73.5	70.6–76.3	67.6	62.0–73.2	73.7	68.5–78.8	77.5	73.0–81.9
20–29 years	64.4	61.3–67.4	67.2	61.0–73.4	61.7	56.1–67.3	65.3	60.7–69.8
30–39 years	64.7	62.7–66.7	69.3	65.3–73.4	61.9	58.3–65.5	65.0	62.0–68.0
40–49 years	65.9	64.3–67.4	62.0	58.6–65.4	65.6	62.8–68.4	67.9	65.6–70.3
50–59 years	61.2	59.8–62.5	55.6	53.0–58.3	62.7	60.3–65.2	63.4	61.3–65.5
60–69 years	52.1	50.9–53.3	47.3	44.9–49.6	51.7	49.6–53.8	55.0	53.1–56.9
70–79 years	41.1	39.8–42.4	36.1	33.6–38.6	40.0	37.8–42.2	44.5	42.4–46.5
80–89 years	29.7	27.5–31.9	27.5	22.8–32.3	28.1	24.2–31.9	31.5	28.3–34.8
90–99 years	16.2	8.8–23.6	4.2	0.0–12.4	28.8	10.8–46.9	14.6	4.7–24.5
All ages	53.0	52.4–53.7	49.8	48.5–51	52.6	51.6–53.7	55.1	54.1–56.1

Table 22.8: Non-Hodgkin's lymphoma five-year relative survival proportions: selected countries

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	55	56
Denmark (1985–1989)	46	49
England (1986–1990)	41	45
Europe* (1985–1989)	49	49
Finland (1985–1989)	46	47
Iceland (1985–1989)	51	72
Italy (1985–1989)	47	49
Scotland (1985–1989)	45	42
United States (1984–1990)	47	57
Wales (1986–1990)	38	39

* Weighted average.

23. Leukaemia

Table 23.1: Leukaemia: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–4 years	309	281	86	62	71.8	76.2
5–9 years	179	127	51	31	69.2	75.7
10–19 years	241	161	114	65	51.8	56.2
20–29 years	211	177	108	82	47.3	52.9
30–39 years	288	214	150	103	48.7	49.6
40–49 years	430	336	190	177	54.6	47.0
50–59 years	773	490	392	246	51.0	49.2
60–69 years	1,382	842	918	484	38.0	44.3
70–99 years	2,833	2,363	2,325	1,871	25.7	29.3
All ages	6,646	4,991	4,334	3,121	41.2	43.2

Table 23.1: Leukaemia: number of new cases and deaths, and five-year relative survival proportions, by age at diagnosis and sex, Australia, 1992–1997

Age	New cases		Deaths		5-year relative survival (%)	
	Males	Females	Males	Females	Males	Females
0–4 years	309	281	86	62	71.8	76.2
5–9 years	179	127	51	31	69.2	75.7
10–19 years	241	161	114	65	51.8	56.2
20–29 years	211	177	108	82	47.3	52.9
30–39 years	288	214	150	103	48.7	49.6
40–49 years	430	336	190	177	54.6	47.0
50–59 years	773	490	392	246	51.0	49.2
60–69 years	1,382	842	918	484	38.0	44.3
70–99 years	2,833	2,363	2,325	1,871	25.7	29.3
All ages	6,646	4,991	4,334	3,121	41.2	43.2

Table 23.2: Leukaemia relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	65.6	64.8–66.4	64.8	63.3–66.3	66.1	64.7–67.5	65.7	64.5–66.9
2	54.9	54.0–55.7	53.6	52.0–55.2	56.1	54.6–57.6	54.8	53.5–56.1
3	48.8	48.0–49.7	47.0	45.3–48.7	50.2	48.7–51.8	49.0	47.6–50.3
4	44.6	43.7–45.5	42.6	40.9–44.3	46.2	44.7–47.8	44.5	43.1–45.9
5	41.5	40.5–42.4	39.4	37.6–41.1	43.3	41.7–44.9	41.2	39.7–42.7
6	38.5	37.5–39.4	36.9	35.2–38.7	40.1	38.5–41.8	37.9	36.3–39.6
7	36.4	35.5–37.4	35.2	33.4–36.9	37.8	36.1–39.5	35.9	34.1–37.7
8	34.7	33.7–35.8	33.6	31.8–35.4	36.0	34.3–37.6		
9	33.5	32.4–34.6	32.0	30.2–33.8	35.0	33.3–36.8		
10	32.3	31.2–33.4	30.6	28.8–32.5	34.1	32.3–35.9		
11	31.3	30.2–32.5	29.5	27.6–31.4	33.5	31.6–35.4		
12	30.6	29.3–31.8	28.8	26.9–30.6	32.8	30.7–34.9		
13	30.0	28.6–31.3	28.3	26.3–30.2				
14	29.9	28.4–31.3	28.2	26.2–30.1				
15	29.8	28.3–31.4	28.1	26.1–30.2				

Table 23.3: Leukaemia relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	63.3	62.4–64.2	61.9	60.1–63.7	65.2	63.5–66.8	62.9	61.5–64.3
2	54.3	53.3–55.2	52.1	50.2–54.0	56.1	54.4–57.9	54.3	52.8–55.8
3	48.8	47.8–49.8	46.0	44.1–47.9	50.6	48.8–52.4	49.2	47.7–50.8
4	45.1	44.1–46.2	42.3	40.4–44.3	46.6	44.7–48.4	45.9	44.3–47.6
5	42.5	41.4–43.5	39.4	37.5–41.4	44.2	42.4–46.1	43.2	41.5–44.9
6	40.0	38.9–41.0	36.3	34.3–38.2	42.1	40.2–44.0	41.1	39.2–42.9
7	37.9	36.8–39.0	34.2	32.2–36.2	40.1	38.1–42.0	38.8	36.7–40.9
8	36.1	35.0–37.3	32.6	30.6–34.6	38.1	36.2–40.1		
9	34.9	33.6–36.1	31.4	29.4–33.4	36.9	34.9–38.9		
10	33.7	32.4–35.0	30.1	28.1–32.2	35.9	33.8–38.0		
11	33.1	31.8–34.4	29.6	27.6–31.7	35.2	33.1–37.4		
12	32.4	31.0–33.8	29.0	26.9–31.1	34.6	32.3–37.0		
13	32.1	30.6–33.6	28.7	26.5–30.8				
14	32.0	30.4–33.6	28.6	26.4–30.8				
15	32.6	30.9–34.3	29.1	26.9–31.4				

Table 23.4: Leukaemia relative survival proportions: period of diagnosis, persons, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	64.6	64.0–65.2	63.6	62.4–64.7	65.7	64.7–66.8	64.5	63.6–65.4
2	54.6	54.0–55.3	53.0	51.7–54.2	56.1	55.0–57.3	54.6	53.6–55.6
3	48.8	48.2–49.5	46.6	45.3–47.8	50.4	49.2–51.6	49.1	48.1–50.1
4	44.8	44.1–45.5	42.5	41.2–43.8	46.4	45.2–47.6	45.1	44.0–46.2
5	41.9	41.2–42.6	39.4	38.1–40.7	43.7	42.5–44.9	42.1	40.9–43.2
6	39.1	38.4–39.8	36.6	35.3–37.9	41.0	39.7–42.2	39.3	38.0–40.5
7	37.1	36.3–37.8	34.8	33.4–36.1	38.8	37.5–40.1	37.1	35.7–38.5
8	35.3	34.6–36.1	33.1	31.8–34.5	36.9	35.6–38.2		
9	34.1	33.3–34.9	31.7	30.4–33.1	35.8	34.5–37.1		
10	32.9	32.1–33.7	30.4	29.0–31.8	34.9	33.5–36.2		
11	32.1	31.2–33.0	29.6	28.2–30.9	34.2	32.8–35.7		
12	31.4	30.5–32.3	28.9	27.4–30.3	33.6	32.0–35.2		
13	30.9	29.9–31.9	28.5	27.0–29.9				
14	30.8	29.7–31.9	28.4	26.9–29.8				
15	31.0	29.9–32.2	28.6	27.1–30.1				

Table 23.5: Leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	72.0	68.9–75.0	67.3	61.7–72.9	76.6	71.5–81.6	71.8	66.4–77.1
5–9 years	71.2	66.8–75.6	71.6	63.4–79.9	73.8	66.3–81.2	69.2	62.0–76.5
10–19 years	47.4	43.5–51.4	38.8	31.7–45.8	50.5	43.7–57.2	51.8	45.0–58.6
20–29 years	39.7	35.4–44.0	34.2	26.6–41.9	36.3	29.0–43.6	47.3	40.0–54.7
30–39 years	40.9	37.1–44.8	34.8	27.6–41.9	37.3	30.5–44.0	48.7	42.5–54.9
40–49 years	46.9	43.6–50.2	35.3	28.8–41.8	46.1	40.5–51.6	54.6	49.4–59.8
50–59 years	47.9	45.4–50.3	44.2	39.9–48.6	46.8	42.4–51.2	51.0	47.0–55.0
60–69 years	40.3	38.5–42.2	38.4	35.0–41.7	44.1	40.9–47.2	38.0	35.0–41.1
70 years and over	27.9	26.3–29.5	28.4	25.3–31.4	30.2	27.4–33.0	25.7	23.3–28.0
All ages	41.5	40.5–42.4	39.4	37.6–41.1	43.3	41.7–44.9	41.2	39.7–42.7

Table 23.6: Leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	72.9	69.5–76.4	67.8	61.2–74.5	72.7	66.6–78.8	76.2	70.7–81.7
5–9 years	73.7	68.8–78.7	71.2	61.8–80.5	72.9	64.3–81.5	75.7	67.3–84.0
10–19 years	51.9	47.1–56.7	43.3	34.8–51.7	55.6	47.5–63.6	56.2	47.7–64.6
20–29 years	45.8	40.8–50.7	35.7	26.4–45.1	44.7	36.2–53.3	52.9	45.2–60.6
30–39 years	42.0	37.6–46.3	27.9	20.8–34.9	46.8	39.0–54.5	49.6	42.2–56.9
40–49 years	40.4	36.6–44.1	29.0	22.0–36.0	39.7	33.1–46.4	47.0	41.2–52.7
50–59 years	44.9	41.9–47.9	41.8	36.3–47.2	42.7	37.3–48.2	49.2	44.3–54.1
60–69 years	43.5	41.2–45.8	40.6	36.5–44.8	45.2	41.2–49.1	44.3	40.5–48.2
70 years and over	32.1	30.5–33.8	32.7	29.4–35.9	35.2	32.2–38.2	29.3	26.8–31.9
All ages	42.5	41.4–43.5	39.4	37.5–41.4	44.2	42.4–46.1	43.2	41.5–44.9

Table 23.7: Leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, persons, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	72.4	70.1–74.7	67.5	63.2–71.8	74.9	71.0–78.8	73.9	70.1–77.7
5–9 years	72.3	69.0–75.6	71.4	65.3–77.6	73.4	67.7–79.0	72.0	66.5–77.5
10–19 years	49.3	46.2–52.3	40.7	35.2–46.1	52.5	47.4–57.7	53.5	48.2–58.8
20–29 years	42.3	39.0–45.6	34.8	28.9–40.8	40.0	34.4–45.6	49.9	44.6–55.2
30–39 years	41.4	38.5–44.3	31.5	26.5–36.5	41.5	36.4–46.6	49.1	44.4–53.8
40–49 years	44.1	41.6–46.6	32.5	27.8–37.3	43.6	39.3–47.8	51.2	47.3–55.0
50–59 years	46.7	44.8–48.6	43.3	39.9–46.7	45.2	41.8–48.6	50.2	47.1–53.3
60–69 years	41.5	40.1–43.0	39.3	36.6–41.9	44.5	42.0–46.9	40.4	38.0–42.8
70 years and over	30.0	28.8–31.1	30.5	28.3–32.7	32.6	30.5–34.7	27.4	25.7–29.2
All ages	41.9	41.2–42.6	39.4	38.1–40.7	43.7	42.5–44.9	42.1	40.9–43.2

**Table 23.8: Leukaemia five-year relative survival proportions:
selected countries**

Country	Relative survival (%) for males	Relative survival (%) for females
Australia (1987–1991)	41	43
Denmark (1985–1989)	29	27
England (1986–1990)	53	27
Europe* (1985–1989)	35	36
Finland (1985–1989)	37	34
Iceland (1985–1989)	20	20
Italy (1985–1989)	26	31
Scotland (1985–1989)	30	25
United States (1984–1990)	44	42
Wales (1986–1990)	48	27

* Weighted average.

Acute lymphatic leukaemia

Table 23.9: Acute lymphatic leukaemia relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	77.0	75.3–78.8	75.8	72.4–79.1	77.4	74.3–80.6	77.7	74.8–80.5
2	66.0	64.0–68.0	63.2	59.4–67.0	67.0	63.5–70.5	67.2	64.0–70.4
3	60.5	58.4–62.6	58.0	54.1–62.0	61.2	57.5–64.9	61.7	58.3–65.1
4	56.7	54.5–58.8	54.5	50.5–58.5	57.5	53.8–61.3	57.6	54.1–61.1
5	54.3	52.1–56.5	52.4	48.4–56.4	55.3	51.5–59.1	54.6	50.8–58.3
6	52.4	50.1–54.6	51.0	47.0–55.1	52.8	49.0–56.6	53.0	49.1–56.8
7	51.7	49.4–54.0	49.6	45.6–53.7	53.1	49.2–56.9	51.5	47.4–55.7
8	50.9	48.6–53.2	49.2	45.1–53.3	52.0	48.1–55.9		
9	50.9	48.5–53.2	48.7	44.6–52.9	52.3	48.4–56.3		
10	50.9	48.5–53.2	48.6	44.4–52.8	52.5	48.6–56.5		
11	51.0	48.6–53.4	48.8	44.6–53.0	52.6	48.6–56.6		
12	51.3	48.9–53.7	49.0	44.8–53.2	53.1	49.0–57.1		
13	51.5	49.0–53.9	49.2	44.9–53.4				
14	51.8	49.3–54.3	49.5	45.2–53.8				
15	52.1	49.7–54.6	49.8	45.5–54.1				

Table 23.10: Acute lymphatic leukaemia relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	77.7	75.6–79.7	76.6	72.7–80.6	79.8	76.2–83.4	76.9	73.7–80.1
2	67.4	65.1–69.7	64.1	59.7–68.6	69.7	65.5–73.8	68.0	64.4–71.5
3	63.2	60.8–65.6	59.6	55.0–64.2	65.4	61.1–69.8	63.9	60.2–67.6
4	60.2	57.7–62.7	55.9	51.2–60.6	62.2	57.7–66.6	61.8	57.9–65.6
5	58.0	55.5–60.5	53.1	48.3–57.8	60.9	56.4–65.4	59.1	55.0–63.1
6	57.3	54.7–59.9	52.5	47.7–57.2	60.5	56.0–65.1	57.7	53.4–62.0
7	56.2	53.5–58.8	50.7	45.9–55.5	60.3	55.7–64.9	55.9	51.2–60.6
8	55.3	52.6–57.9	49.9	45.0–54.7	59.3	54.6–63.9		
9	54.9	52.2–57.6	49.9	45.1–54.8	58.5	53.8–63.2		
10	54.8	52.1–57.6	50.0	45.1–54.9	58.2	53.4–62.9		
11	54.8	52.0–57.6	50.1	45.1–55.0	58.1	53.3–62.9		
12	54.6	51.7–57.4	49.9	44.9–54.8	57.7	52.7–62.7		
13	54.0	51.1–57.0	49.2	44.3–54.2				
14	54.3	51.4–57.3	49.5	44.5–54.5				
15	54.7	51.7–57.7	49.8	44.8–54.9				

Table 23.11: Acute lymphatic leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	78.9	75.8–82.0	72.3	66.6–78.0	86.6	82.1–91.2	78.1	72.4–83.7
5–9 years	76.9	72.3–81.5	79.3	71.1–87.4	76.2	68.2–84.2	75.9	68.1–83.6
10–19 years	47.5	42.5–52.4	41.9	32.9–51.0	47.8	39.6–55.9	51.3	42.6–59.9
20–29 years	35.5	28.1–42.9	28.8	16.0–41.5	39.2	26.7–51.8	38.3	25.4–51.3
30–39 years	30.5	22.1–38.9	22.8	7.9–37.6	17.8	4.9–30.7	41.9	28.6–55.2
40–49 years	20.4	11.6–29.2	9.3	0.0–26.5	14.1	2.6–25.6	27.5	12.9–42.0
50–59 years	18.2	8.9–27.4	16.7	0.0–34.1	24.3	7.2–41.3	8.4	0.0–22.3
60–69 years	7.8	2.7–12.9	10.8	0.7–20.9	8.1	0.0–16.9	3.9	0.0–11.1
70 years and over	6.6	1.6–11.7	3.5	0.0–10.4	3.0	0.0–9.0	12.1	2.1–22.2
All ages	54.3	52.1–56.5	52.4	48.4–56.4	55.3	51.5–59.1	54.6	50.8–58.3

Table 23.12: Acute lymphatic leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	78.1	74.6–81.6	73.3	66.5–80.1	80.7	74.6–86.8	79.1	73.4–84.9
5–9 years	80.3	75.2–85.3	77.5	67.8–87.3	78.1	69.1–87.1	83.7	75.5–91.9
10–19 years	61.7	55.6–67.9	52.7	41.6–63.8	68.1	57.7–78.4	63.6	53.2–74.1
20–29 years	43.3	33.7–52.9	37.1	18.9–55.4	43.0	26.5–59.4	48.8	33.9–63.8
30–39 years	32.2	22.3–42.2	11.6	0.0–23.9	52.8	30.3–75.4	36.8	22.4–51.2
40–49 years	9.9	1.2–18.5	*		14.4	0.0–32.9	10.4	0.0–23.1
50–59 years	16.1	7.2–24.9	6.9	0.0–19.9	17.9	2.0–33.8	17.9	3.7–32.0
60–69 years	14.6	6.6–22.5	7.5	0.0–17.4	16.5	1.6–31.3	20.7	5.3–36.2
70 years and over	10.1	4.2–16.1	4.3	0.0–12.5	11.2	0.7–21.8	12.8	3.3–22.4
All ages	58.0	55.5–60.5	53.1	48.3–57.8	60.9	56.4–65.4	59.1	55–63.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Acute myeloid leukaemia

Table 23.13: Acute myeloid leukaemia relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	35.5	34.0–37.0	33.3	30.3–36.2	36.0	33.3–38.6	36.4	34.1–38.6
2	21.9	20.6–23.2	20.6	18.0–23.2	21.8	19.4–24.1	22.8	20.8–24.8
3	17.3	16.1–18.5	15.5	13.1–17.8	17.0	14.8–19.2	18.6	16.7–20.5
4	15.1	13.9–16.3	13.6	11.3–15.8	14.2	12.1–16.3	16.9	14.9–18.8
5	14.5	13.3–15.7	12.7	10.5–15.0	13.8	11.7–15.9	16.1	14.2–18.1
6	14.0	12.8–15.3	12.0	9.8–14.3	13.5	11.4–15.6	15.8	13.7–17.9
7	13.9	12.6–15.2	11.9	9.6–14.2	13.2	11.1–15.4	16.1	13.9–18.3
8	13.8	12.5–15.2	12.1	9.8–14.5	13.0	10.8–15.1		
9	14.3	12.9–15.6	12.7	10.2–15.1	13.2	11.0–15.5		
10	14.4	13.0–15.9	12.8	10.2–15.3	13.4	11.1–15.8		
11	14.7	13.1–16.2	12.9	10.3–15.5	14.0	11.6–16.5		
12	15.2	13.6–16.8	13.3	10.6–16.0	14.6	12.0–17.1		
13	15.7	14.0–17.4	13.9	11.1–16.7				
14	15.4	13.6–17.3	13.7	10.8–16.6				
15	16.1	14.1–18.0	14.3	11.2–17.3				

Table 23.14: Acute myeloid leukaemia relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	34.5	32.9–36.1	32.1	29.0–35.2	35.2	32.3–38.1	35.5	33.1–37.9
2	23.4	21.9–24.8	20.1	17.4–22.8	23.9	21.2–26.5	25.0	22.8–27.2
3	19.3	17.9–20.7	14.9	12.5–17.3	19.9	17.4–22.4	21.5	19.4–23.7
4	17.0	15.7–18.4	13.1	10.8–15.5	17.0	14.6–19.5	19.5	17.3–21.7
5	16.3	14.9–17.7	12.3	10.0–14.6	16.4	14.0–18.8	18.8	16.6–21.1
6	16.1	14.7–17.5	11.6	9.3–13.9	16.4	14.0–18.9	18.9	16.5–21.2
7	15.7	14.3–17.1	10.7	8.4–12.9	16.3	13.8–18.8	19.5	17.0–21.9
8	15.5	14.0–16.9	10.3	8.1–12.6	16.2	13.7–18.8		
9	15.4	13.9–16.9	10.5	8.2–12.9	15.9	13.3–18.5		
10	15.6	14.0–17.2	10.6	8.2–13.0	16.2	13.5–18.8		
11	16.0	14.4–17.7	10.8	8.4–13.3	16.7	14.0–19.4		
12	15.8	14.0–17.5	10.4	8.0–12.8	17.2	14.4–20.0		
13	16.3	14.5–18.1	10.8	8.3–13.3				
14	16.3	14.4–18.3	10.8	8.2–13.4				
15	16.9	14.9–19.0	11.2	8.5–13.8				

Table 23.15: Acute myeloid leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	39.8	29.7–50.0	37.0	15.2–58.8	46.8	29.9–63.7	35.2	19.8–50.6
5–9 years	41.0	28.3–53.8	28.6	4.9–52.3	53.0	29.2–76.7	40.8	22.2–59.3
10–19 years	42.7	34.5–50.8	29.8	17.5–42.0	45.4	30.3–60.6	54.8	40.9–68.7
20–29 years	35.1	28.1–42.2	31.6	18.8–44.4	20.8	10.3–31.3	47.7	35.6–59.7
30–39 years	31.0	25.1–36.8	24.4	14.0–34.9	29.9	19.8–39.9	37.2	27.5–46.8
40–49 years	26.1	21.1–31.1	13.7	5.4–22.1	22.2	14.3–30.0	35.8	27.4–44.2
50–59 years	14.1	10.9–17.3	14.1	8.2–20.0	10.7	5.7–15.6	16.7	11.0–22.3
60–69 years	6.3	4.6–8.0	5.8	2.7–8.8	6.9	3.9–9.9	6.2	3.4–8.9
70 years and over	3.1	2.0–4.1	3.9	1.4–6.5	2.9	1.0–4.8	2.8	1.3–4.3
All ages	14.5	13.3–15.7	12.7	10.5–15	13.8	11.7–15.9	16.1	14.2–18.1

Table 23.16: Acute myeloid leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	42.3	30.0–54.5	29.5	7.8–51.2	36.1	15.9–56.3	56.5	36.8–76.2
5–9 years	47.2	32.8–61.5	38.5	12.0–65.0	58.9	35.5–82.3	37.5	10.1–64.9
10–19 years	39.2	31.0–47.4	30.8	16.3–45.3	38.2	25.4–51.1	48.7	33.9–63.5
20–29 years	43.7	36.7–50.7	28.9	16.6–41.3	42.5	29.8–55.1	53.4	42.6–64.1
30–39 years	34.4	28.3–40.5	21.3	11.4–31.2	34.2	24.6–43.8	43.0	31.2–54.8
40–49 years	25.3	20.2–30.5	8.3	1.9–14.7	23.0	13.7–32.4	35.9	27.7–44.2
50–59 years	15.3	11.7–19.0	11.6	5.6–17.5	11.9	6.0–17.7	21.7	15.1–28.4
60–69 years	9.2	6.8–11.5	9.8	5.2–14.4	8.3	4.4–12.2	9.6	5.7–13.5
70 years and over	2.7	1.7–3.7	4.3	1.8–6.8	2.4	0.6–4.2	2.0	0.7–3.2
All ages	16.3	14.9–17.7	12.3	10.0–14.6	16.4	14–18.8	18.8	16.6–21.1

Chronic lymphatic leukaemia

Table 23.17: Chronic lymphatic leukaemia relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	88.5	87.5–89.6	88.9	86.9–90.9	87.9	86.0–89.8	88.7	87.1–90.4
2	83.1	81.8–84.4	82.9	80.4–85.5	83.8	81.5–86.1	82.6	80.5–84.6
3	77.7	76.2–79.2	77.1	74.2–80.0	78.4	75.8–81.1	77.5	75.2–79.9
4	72.5	70.8–74.2	72.5	69.3–75.7	74.8	71.9–77.7	70.0	67.3–72.8
5	67.8	66.0–69.6	68.0	64.6–71.5	70.2	67.1–73.4	64.8	61.7–67.9
6	62.7	60.7–64.7	63.5	59.9–67.1	65.2	61.9–68.5	58.8	55.2–62.3
7	57.8	55.7–59.9	60.1	56.3–63.9	58.9	55.5–62.4	53.9	49.7–58.2
8	53.6	51.4–55.9	55.5	51.6–59.5	54.6	51.1–58.2		
9	50.1	47.7–52.5	50.9	46.9–54.9	51.9	48.3–55.6		
10	46.2	43.6–48.7	46.4	42.3–50.5	48.6	44.6–52.5		
11	42.9	40.2–45.6	42.3	38.2–46.4	46.6	42.3–50.9		
12	39.5	36.6–42.3	38.7	34.5–42.8	43.6	38.7–48.5		
13	36.4	33.3–39.5	35.7	31.5–39.9				
14	35.4	32.0–38.7	34.7	30.4–39.0				
15	33.7	30.0–37.4	33.0	28.5–37.6				

Table 23.18: Chronic lymphatic leukaemia relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	89.8	88.6–91.0	89.3	86.9–91.7	91.6	89.6–93.6	88.7	86.8–90.7
2	85.5	84.0–87.0	84.2	81.1–87.2	87.2	84.7–89.8	84.9	82.5–87.2
3	80.4	78.7–82.2	78.7	75.2–82.2	82.9	80.0–85.9	79.5	76.7–82.2
4	76.1	74.1–78.0	73.6	69.7–77.4	79.7	76.4–82.9	74.6	71.4–77.7
5	72.7	70.6–74.8	70.9	66.7–75.0	76.2	72.6–79.8	70.5	67.0–74.1
6	68.2	65.8–70.5	64.7	60.3–69.0	72.6	68.8–76.4	66.8	62.7–70.9
7	63.8	61.2–66.3	62.1	57.5–66.7	67.3	63.3–71.3	60.1	54.8–65.3
8	59.9	57.2–62.6	58.5	53.7–63.3	62.9	58.7–67.1		
9	56.7	53.8–59.6	55.0	50.0–59.9	60.1	55.6–64.5		
10	53.4	50.3–56.5	51.8	46.7–56.9	56.5	51.8–61.2		
11	50.5	47.1–53.8	48.6	43.4–53.8	54.0	48.8–59.1		
12	48.9	45.2–52.5	46.8	41.4–52.1	53.1	47.2–59.0		
13	47.3	43.3–51.2	45.5	40.0–51.1				
14	46.4	42.1–50.8	44.7	39.0–50.5				
15	47.1	42.3–51.9	45.4	39.3–51.5				

Table 23.19: Chronic lymphatic leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	*		*		*		*	
5–9 years	*		*		*		*	
10–19 years	50.3	0.0–100.6	*		*		*	
20–29 years	67.1	13.4–100.7	*		*		*	
30–39 years	83.8	72.1–95.4	92.4	76.7–100.8	72.0	48.2–95.9	89.6	74.8–100.8
40–49 years	79.9	74.5–85.4	74.4	62.8–86.0	80.8	72.1–89.4	83.2	74.4–92.0
50–59 years	78.7	75.4–81.9	75.0	69.0–81.0	81.6	75.9–87.3	78.4	72.9–83.8
60–69 years	72.1	69.3–74.9	73.3	68.0–78.5	73.7	69.1–78.3	68.6	63.7–73.5
70 years and over	55.4	52.1–58.6	56.1	49.8–62.3	59.3	53.7–64.9	50.9	45.7–56.2
All ages	67.8	66.0–69.6	68.0	64.6–71.5	70.2	67.1–73.4	64.8	61.7–67.9

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 23.20: Chronic lymphatic leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	*		*		*		*	
5–9 years	*		*		—		*	
10–19 years	*		*		*		*	
20–29 years	*		*		*		*	
30–39 years	82.9	64.8–100.4	57.4	20.6–94.2	*		*	
40–49 years	88.0	81.8–94.3	81.1	65.2–97.0	85.2	73.4–96.9	93.8	86.9–100.7
50–59 years	87.8	83.9–91.6	85.6	78.2–93.1	90.6	84.4–96.8	87.6	81.5–93.8
60–69 years	79.4	76.2–82.7	77.9	71.5–84.3	80.1	74.8–85.4	80.0	74.5–85.5
70 years and over	63.6	60.4–66.8	62.3	56.2–68.4	69.3	63.9–74.7	58.9	53.7–64.1
All ages	72.7	70.6–74.8	70.9	66.7–75.0	76.2	72.6–79.8	70.5	67–74.1

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Chronic myeloid leukaemia

Table 23.21: Chronic myeloid leukaemia relative survival proportions: period of diagnosis, males, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	73.3	71.4–75.1	75.1	71.4–78.7	73.2	69.9–76.6	72.3	69.5–75.1
2	57.1	55.0–59.2	55.5	51.3–59.8	57.6	53.8–61.4	57.5	54.4–60.7
3	45.5	43.3–47.7	40.5	36.3–44.7	48.6	44.6–52.5	46.2	42.9–49.4
4	38.3	36.1–40.5	31.2	27.2–35.3	41.1	37.1–45.0	40.7	37.3–44.1
5	32.3	30.1–34.5	23.7	19.9–27.5	35.5	31.5–39.4	35.8	32.2–39.5
6	26.6	24.4–28.8	20.2	16.5–23.8	29.1	25.3–32.9	29.2	25.3–33.2
7	24.1	21.8–26.3	17.9	14.3–21.5	26.1	22.4–29.9	27.8	23.4–32.1
8	22.2	19.9–24.5	16.1	12.6–19.6	24.3	20.5–28.1		
9	20.1	17.7–22.5	14.0	10.7–17.4	22.5	18.7–26.3		
10	18.7	16.3–21.2	13.0	9.6–16.4	21.1	17.2–24.9		
11	16.9	14.3–19.4	11.8	8.5–15.1	18.5	14.3–22.7		
12	16.3	13.5–19.0	11.3	8.0–14.6	18.4	13.9–22.8		
13	15.4	12.4–18.3	10.7	7.4–14.0				
14	14.6	11.4–17.8	10.2	6.9–13.6				
15	13.3	9.7–16.9	9.3	5.9–12.6				

Table 23.22: Chronic myeloid leukaemia relative survival proportions: period of diagnosis, females, Australia

Years after diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
1	72.3	70.1–74.5	73.9	69.5–78.2	71.5	67.4–75.7	71.9	68.7–75.2
2	58.9	56.5–61.4	59.6	54.6–64.6	57.4	52.8–62.1	59.5	55.9–63.2
3	48.3	45.7–50.9	48.2	43.0–53.3	44.8	40.1–49.5	50.7	46.9–54.5
4	41.2	38.6–43.9	40.7	35.6–45.9	36.2	31.6–40.9	45.3	41.2–49.3
5	34.8	32.1–37.5	32.1	27.2–37.0	30.9	26.4–35.5	39.9	35.6–44.3
6	28.7	26.1–31.4	26.1	21.4–30.8	24.7	20.3–29.0	34.8	30.0–39.5
7	24.9	22.2–27.6	21.3	16.8–25.8	21.9	17.7–26.1	31.5	25.9–37.0
8	21.6	18.9–24.4	18.5	14.2–22.8	19.1	15.0–23.2		
9	19.8	17.0–22.6	16.1	11.9–20.3	18.3	14.2–22.5		
10	18.0	15.1–21.0	13.8	9.8–17.8	17.7	13.5–22.0		
11	17.8	14.7–20.8	14.0	9.9–18.1	16.8	12.3–21.2		
12	17.5	14.4–20.7	13.5	9.4–17.6	17.4	12.8–22.0		
13	16.2	12.8–19.6	12.2	8.2–16.3				
14	16.9	13.3–20.4	12.7	8.6–16.9				
15	16.7	12.8–20.5	12.6	8.3–16.9				

Table 23.23: Chronic myeloid leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, males, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	22.3	4.2–40.4	14.3	0.0–40.4	*		50.2	21.8–78.5
5–9 years	60.1	29.7–90.5	33.4	0.0–86.8	80.1	45.0–100.1	50.0	0.0–100.1
10–19 years	61.8	47.3–76.3	50.3	19.1–81.5	75.4	54.1–96.7	58.2	35.9–80.5
20–29 years	53.0	43.9–62.1	47.2	29.8–64.6	52.7	37.5–67.9	58.4	43.7–73.1
30–39 years	50.9	43.3–58.5	43.2	29.2–57.2	45.8	32.6–59.1	61.3	49.6–72.9
40–49 years	48.9	41.6–56.2	30.3	17.0–43.6	53.2	40.7–65.7	59.2	48.6–69.8
50–59 years	33.6	27.6–39.7	22.5	13.3–31.7	31.2	20.3–42.1	46.0	35.9–56.2
60–69 years	27.3	22.8–31.7	17.5	10.8–24.2	38.8	30.7–46.9	23.7	16.1–31.3
70 years and over	20.8	17.6–24.0	15.4	9.7–21.2	21.4	15.8–27.1	22.8	17.7–27.8
All ages	32.3	30.1–34.5	23.7	19.9–27.5	35.5	31.5–39.4	35.8	32.2–39.5

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.

Table 23.24: Chronic myeloid leukaemia five-year relative survival proportions: age at diagnosis by period of diagnosis, females, Australia

Age at diagnosis	1982–1997		1982–1986		1987–1991		1992–1997	
	%	95% CI	%	95% CI	%	95% CI	%	95% CI
0–4 years	60.7	33.6–87.9	33.4	0.0–86.8	66.9	13.4–100.4	71.6	38.0–100.2
5–9 years	50.0	1.0–99.1	*		*		50.0	0.0–100.1
10–19 years	38.8	16.7–60.8	37.6	4.0–71.2	60.1	17.1–100.2	23.5	0.0–60.8
20–29 years	51.2	39.6–62.8	56.4	32.0–80.8	44.5	25.8–63.3	54.4	36.0–72.9
30–39 years	58.0	48.8–67.2	42.7	27.3–58.1	74.5	59.0–90.0	63.6	49.5–77.7
40–49 years	44.3	36.0–52.5	31.8	16.2–47.4	45.9	32.6–59.2	50.8	37.3–64.3
50–59 years	35.8	28.6–42.9	34.4	21.4–47.4	24.7	13.5–36.0	46.9	35.2–58.5
60–69 years	33.1	27.1–39.1	27.6	18.1–37.2	25.4	15.1–35.6	44.0	33.6–54.4
70 years and over	25.2	21.4–29.1	27.1	19.0–35.2	19.7	13.6–25.7	27.9	21.9–33.9
All ages	34.8	32.1–37.5	32.1	27.2–37.0	30.9	26.4–35.5	39.9	35.6–44.3

* The relative survival estimates indicated by * showed considerable statistical instability making interpretation difficult. The instability in this age/sex/site group may be due to the survival model's handling a combination of small number of cases/deaths and or unstable background survival patterns resulting in invalid estimates. These results are therefore not presented here.