

# 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
<b>All ages</b>	<b>248,897</b>	<b>200,352</b>	<b>132,391</b>	<b>87,814</b>	<b>56.8</b>	<b>63.4</b>

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
<b>All ages</b>	<b>50.9</b>	<b>50.8–51.1</b>	<b>43.8</b>	<b>43.4–44.1</b>	<b>48.1</b>	<b>47.8–48.4</b>	<b>56.8</b>	<b>56.6–57.1</b>

**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
<b>All ages</b>	<b>59.9</b>	<b>59.7–60.1</b>	<b>55.3</b>	<b>55.0–55.7</b>	<b>59.1</b>	<b>58.8–59.4</b>	<b>63.4</b>	<b>63.1–63.6</b>

**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
<b>All ages</b>	<b>55.2</b>	<b>55.1–55.3</b>	<b>49.4</b>	<b>49.2–49.6</b>	<b>53.4</b>	<b>53.2–53.6</b>	<b>59.9</b>	<b>59.7–60</b>

**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
<b>All ages</b>	<b>7,166</b>	<b>3,860</b>	<b>5,811</b>	<b>3,043</b>	<b>22.6</b>	<b>24.8</b>

\* 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
<b>All ages</b>	<b>21.3</b>	<b>20.6–22.0</b>	<b>19.2</b>	<b>18–20.4</b>	<b>21.6</b>	<b>20.3–22.9</b>	<b>22.6</b>	<b>21.4–23.8</b>

\* 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
<b>All ages</b>	<b>22.8</b>	<b>21.8–23.8</b>	<b>21.1</b>	<b>19.5–22.8</b>	<b>21.8</b>	<b>20.2–23.5</b>	<b>24.8</b>	<b>23.1–26.5</b>

\* 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
<b>All ages</b>	<b>21.8</b>	<b>21.2–22.4</b>	<b>19.9</b>	<b>18.9–20.8</b>	<b>21.7</b>	<b>20.7–22.7</b>	<b>23.4</b>	<b>22.4–24.4</b>

**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
<b>All ages</b>	<b>20,388</b>	<b>19,574</b>	<b>10,622</b>	<b>9,890</b>	<b>58.3</b>	<b>58.7</b>

**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
<b>All ages</b>	<b>55.2</b>	<b>54.6–55.8</b>	<b>50.2</b>	<b>49–51.3</b>	<b>54.7</b>	<b>53.6–55.7</b>	<b>58.3</b>	<b>57.4–59.3</b>

**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
<b>All ages</b>	<b>55.4</b>	<b>54.8–56.0</b>	<b>51.3</b>	<b>50.3–52.4</b>	<b>54.7</b>	<b>53.7–55.7</b>	<b>58.7</b>	<b>57.7–59.6</b>

**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
<b>All ages</b>	<b>55.3</b>	<b>54.9–55.7</b>	<b>50.8</b>	<b>50–51.5</b>	<b>54.7</b>	<b>54–55.4</b>	<b>58.5</b>	<b>57.8–59.2</b>

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

Country	Relative survival (%) for males	Relative survival (%) for females
<b>Australia (1987–1991)</b>	<b>55</b>	<b>55</b>
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
<b>All ages</b>	<b>13,461</b>	<b>8,988</b>	<b>6,973</b>	<b>4,263</b>	<b>56.6</b>	<b>60.6</b>

\* 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
<b>All ages</b>	<b>52.9</b>	<b>52.2–53.7</b>	<b>48.7</b>	<b>47.3–50.1</b>	<b>51.2</b>	<b>49.9–52.4</b>	<b>56.6</b>	<b>55.5–57.8</b>

\* 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
<b>All ages</b>	<b>57.0</b>	<b>56.1–57.8</b>	<b>52.3</b>	<b>50.7–53.8</b>	<b>56.0</b>	<b>54.6–57.5</b>	<b>60.6</b>	<b>59.2–61.9</b>

\* 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
<b>All ages</b>	<b>54.6</b>	<b>54.1–55.2</b>	<b>50.3</b>	<b>49.2–51.3</b>	<b>53.2</b>	<b>52.3–54.2</b>	<b>58.3</b>	<b>57.4–59.1</b>

\* 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
<b>Australia (1987–1991)</b>	<b>51</b>	<b>56</b>
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
<b>All ages</b>	<b>4,600</b>	<b>4,415</b>	<b>4,396</b>	<b>4,218</b>	<b>5.4</b>	<b>5.2</b>

\* 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
<b>All ages</b>	<b>4.8</b>	<b>4.3–5.2</b>	<b>4.2</b>	<b>3.4–5</b>	<b>4.4</b>	<b>3.6–5.2</b>	<b>5.4</b>	<b>4.6–6.2</b>

\* 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
<b>All ages</b>	<b>4.9</b>	<b>4.4–5.4</b>	<b>4.1</b>	<b>3.2–4.9</b>	<b>5.4</b>	<b>4.5–6.3</b>	<b>5.2</b>	<b>4.4–6</b>

\* 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
<b>All ages</b>	<b>4.8</b>	<b>4.5–5.2</b>	<b>4.1</b>	<b>3.5–4.7</b>	<b>4.9</b>	<b>4.3–5.5</b>	<b>5.3</b>	<b>4.7–5.9</b>

\* 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
<b>All ages</b>	<b>30,545</b>	<b>13,352</b>	<b>27,575</b>	<b>11,611</b>	<b>11.0</b>	<b>14.0</b>

**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
<b>All ages</b>	<b>10.4</b>	<b>10.1–10.6</b>	<b>9.3</b>	<b>8.9–9.7</b>	<b>10.7</b>	<b>10.2–11.1</b>	<b>11.0</b>	<b>10.6–11.4</b>

**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
<b>All ages</b>	<b>12.8</b>	<b>12.4–13.2</b>	<b>11.8</b>	<b>11.0–12.7</b>	<b>11.9</b>	<b>11.2–12.6</b>	<b>14.0</b>	<b>13.3–14.7</b>

\* 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
<b>All ages</b>	<b>11.1</b>	<b>10.9–11.3</b>	<b>9.9</b>	<b>9.5–10.3</b>	<b>11.0</b>	<b>10.6–11.4</b>	<b>12.0</b>	<b>11.6–12.3</b>

**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	*		*		*		*	
<b>All ages</b>	<b>4.5</b>	<b>4.1–5.0</b>	<b>3.9</b>	<b>3.2–4.6</b>	<b>4.9</b>	<b>4.1–5.7</b>	<b>4.8</b>	<b>4.1–5.6</b>

\* 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
<b>All ages</b>	<b>5.9</b>	<b>5.2–6.7</b>	<b>6.4</b>	<b>5.0–7.9</b>	<b>5.9</b>	<b>4.6–7.1</b>	<b>5.4</b>	<b>4.3–6.5</b>

\* 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
<b>All ages</b>	<b>11.4</b>	<b>11.1–11.7</b>	<b>10.3</b>	<b>9.8–10.8</b>	<b>11.6</b>	<b>11.1–12.1</b>	<b>12.0</b>	<b>11.5–12.5</b>

**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
<b>All ages</b>	<b>14.3</b>	<b>13.8–14.8</b>	<b>13.1</b>	<b>12.1–14</b>	<b>13.2</b>	<b>12.4–14.1</b>	<b>15.8</b>	<b>15–16.6</b>

\* 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	*	
<b>All ages</b>	<b>13.6</b>	<b>13.0–14.2</b>	<b>12.2</b>	<b>11.1–13.3</b>	<b>14.5</b>	<b>13.5–15.6</b>	<b>13.7</b>	<b>12.8–14.7</b>

\* 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	*	
<b>All ages</b>	<b>18.2</b>	<b>17.3–19.1</b>	<b>16.3</b>	<b>14.4–18.1</b>	<b>16.5</b>	<b>15–18.1</b>	<b>20.5</b>	<b>19–21.9</b>

\* 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.