

Table 27-1

Breast — Five-year relative survival ratios, October 2011 CCR file, by age group and sex, 1 and 3 years of cases, Canada (excluding Quebec)¹

Primary site of cancer	1 year of cases								
	Both sexes			Males			Females		
	Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval	
		Low	High		Low	High		Low	High
percent									
Breast (ICD-O-3: C50.0-C50.9) ²									
1992									
Total, 15 to 99 years	81	80	82	73	58	85	81	80	82
15 to 39 years	73	70	76	F	F	F	73	70	76
40 to 49 years	83	81	84	F	F	F	83	81	84
50 to 59 years	82	80	84	F	F	F	82	80	84
60 to 69 years	82	80	84	83	57	98	82	80	84
70 to 79 years	83	81	85	85	56	106	83	81	85
80 to 99 years	77	72	81	29	5	73	77	72	82
1993									
Total, 15 to 99 years	82	81	82	83	66	96	82	81	82
15 to 39 years	75	72	78	F	F	F	75	72	78
40 to 49 years	83	81	85	F	F	F	83	82	85
50 to 59 years	82	80	83	57	24	81	82	80	83
60 to 69 years	84	82	86	78	42	98	84	82	86
70 to 79 years	82	80	84	106	76	122	82	80	84
80 to 99 years	76	71	80	72	29	119	76	71	80
1994									
Total, 15 to 99 years	83	82	84	78	63	91	83	82	84
15 to 39 years	76	73	79	F	F	F	76	73	79
40 to 49 years	82	81	84	F	F	F	82	81	84
50 to 59 years	86	84	87	F	F	F	86	84	87
60 to 69 years	85	83	86	70	47	87	85	83	86
70 to 79 years	83	81	85	61	31	88	83	81	85
80 to 99 years	80	76	85	116	42	180	80	76	85
1995									
Total, 15 to 99 years	83	82	84	83	68	96	83	82	84
15 to 39 years	76	73	79	F	F	F	76	73	79
40 to 49 years	84	82	85	F	F	F	84	82	85
50 to 59 years	86	85	88	78	43	95	86	85	88
60 to 69 years	85	83	87	84	59	98	85	83	87
70 to 79 years	83	80	85	84	52	107	83	80	85
80 to 99 years	78	73	82	121	44	188	77	73	82
1996									
Total, 15 to 99 years	85	84	86	86	73	96	85	84	86
15 to 39 years	78	75	81	F	F	F	78	75	81
40 to 49 years	85	83	86	F	F	F	85	83	86
50 to 59 years	86	85	88	95	53	103	86	85	88
60 to 69 years	88	86	89	89	64	102	88	86	89
70 to 79 years	86	84	88	83	61	100	86	84	88
80 to 99 years	82	78	87	F	F	F	82	78	87
1997									
Total, 15 to 99 years	85	84	86	87	75	97	85	84	86
15 to 39 years	77	74	80	F	F	F	77	74	80
40 to 49 years	85	84	87	F	F	F	85	84	87
50 to 59 years	87	86	88	91	67	100	87	86	88
60 to 69 years	87	86	89	96	75	106	87	86	89
70 to 79 years	86	84	88	79	47	102	86	84	88
80 to 99 years	79	75	83	67	21	122	79	75	84
1998									
Total, 15 to 99 years	85	84	86	76	64	87	85	84	86
15 to 39 years	81	78	83	F	F	F	80	77	83
40 to 49 years	88	87	90	F	F	F	88	87	90
50 to 59 years	86	85	87	F	F	F	86	85	87
60 to 69 years	87	85	88	61	40	78	87	85	88
70 to 79 years	84	82	86	95	73	110	84	82	86
80 to 99 years	77	73	82	78	29	128	77	73	82

See footnotes at the end of the table.

Table 27-1 – continued

Breast — Five-year relative survival ratios, October 2011 CCR file, by age group and sex, 1 and 3 years of cases, Canada (excluding Quebec)¹

Primary site of cancer	1 year of cases								
	Both sexes			Males			Females		
	Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval	
		Low	High		Low	High		Low	High
percent									
1999									
Total, 15 to 99 years	87	86	87	84	73	93	87	86	87
15 to 39 years	83	80	85	F	F	F	83	80	85
40 to 49 years	88	87	89	71	33	91	88	87	90
50 to 59 years	88	87	89	78	57	91	88	87	90
60 to 69 years	89	88	90	94	75	104	89	88	90
70 to 79 years	86	84	88	89	62	108	86	84	88
80 to 99 years	79	75	83	69	31	109	79	75	83
2000									
Total, 15 to 99 years	87	86	88	79	67	90	87	86	88
15 to 39 years	84	81	86	F	F	F	84	81	86
40 to 49 years	89	88	90	F	F	F	89	88	91
50 to 59 years	88	87	89	104	..	..	88	87	89
60 to 69 years	89	88	91	83	59	97	89	88	91
70 to 79 years	88	86	89	86	59	104	88	86	89
80 to 99 years	78	74	82	47	11	95	78	74	82
2001									
Total, 15 to 99 years	87	86	88	71	59	82	87	87	88
15 to 39 years	79	76	82	F	F	F	79	76	82
40 to 49 years	88	87	89	F	F	F	88	87	90
50 to 59 years	89	88	91	90	59	100	89	88	91
60 to 69 years	90	89	91	59	37	76	90	89	92
70 to 79 years	87	85	89	68	47	85	87	85	89
80 to 99 years	79	75	83	76	34	120	79	75	83
2002									
Total, 15 to 99 years	87	86	87	85	74	94	87	86	87
15 to 39 years	83	80	85	F	F	F	83	80	86
40 to 49 years	88	87	89	92	52	100	88	87	89
50 to 59 years	88	87	90	78	55	91	89	87	90
60 to 69 years	89	87	90	102	80	108	89	87	90
70 to 79 years	86	84	88	79	54	99	86	84	88
80 to 99 years	78	74	82	81	30	133	78	74	82
2003									
Total, 15 to 99 years	88	87	89	78	67	87	88	87	89
15 to 39 years	85	82	87	F	F	F	85	82	87
40 to 49 years	89	88	91	83	46	97	89	88	91
50 to 59 years	89	88	90	83	61	95	89	88	91
60 to 69 years	91	89	92	73	53	88	91	89	92
70 to 79 years	87	85	89	81	56	101	87	85	89
80 to 99 years	81	77	85	68	39	98	81	77	85

See footnotes at the end of the table.

Table 27-1 – continued

Breast — Five-year relative survival ratios, October 2011 CCR file, by age group and sex, 1 and 3 years of cases, Canada (excluding Quebec)¹

Primary site of cancer	3 years of cases								
	Both sexes			Males			Females		
	Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval	
		Low	High		Low	High		Low	High
percent									
Breast (ICD-O-3: C50.0-C50.9) ²									
1992/1994									
Total, 15 to 99 years	82	81	82	78	69	86	82	81	82
15 to 39 years	75	73	77	F	F	F	75	73	77
40 to 49 years	83	82	84	70	38	89	83	82	84
50 to 59 years	83	82	84	72	50	87	83	82	84
60 to 69 years	84	83	84	76	62	88	84	83	84
70 to 79 years	83	82	84	86	69	99	83	82	84
80 to 99 years	78	75	80	69	39	100	78	75	80
1993/1995									
Total, 15 to 99 years	83	82	83	82	73	89	83	82	83
15 to 39 years	76	74	78	F	F	F	76	74	78
40 to 49 years	83	82	84	68	41	85	83	82	84
50 to 59 years	85	84	86	74	54	87	85	84	86
60 to 69 years	85	84	85	77	63	88	85	84	86
70 to 79 years	83	81	84	85	68	99	83	81	84
80 to 99 years	78	75	81	96	60	131	78	75	80
1994/1996									
Total, 15 to 99 years	84	83	84	83	75	90	84	83	84
15 to 39 years	77	75	79	F	F	F	77	75	79
40 to 49 years	84	83	84	75	49	90	84	83	84
50 to 59 years	86	85	87	88	68	97	86	85	87
60 to 69 years	86	85	87	81	68	90	86	85	87
70 to 79 years	84	83	85	78	62	91	84	83	85
80 to 99 years	80	78	83	113	65	156	80	77	83
1995/1997									
Total, 15 to 99 years	85	84	85	86	78	92	85	84	85
15 to 39 years	77	75	79	F	F	F	77	75	79
40 to 49 years	85	84	85	73	46	89	85	84	85
50 to 59 years	87	86	87	88	74	96	87	86	87
60 to 69 years	87	86	88	90	78	98	87	86	88
70 to 79 years	85	84	86	82	67	95	85	84	86
80 to 99 years	80	77	82	90	50	130	80	77	82
1996/1998									
Total, 15 to 99 years	85	85	86	83	76	89	85	85	86
15 to 39 years	79	77	80	F	F	F	79	77	80
40 to 49 years	86	85	87	79	52	92	86	85	87
50 to 59 years	86	86	87	85	69	94	86	86	87
60 to 69 years	87	86	88	81	69	90	87	86	88
70 to 79 years	85	84	86	87	73	98	85	84	86
80 to 99 years	80	77	82	75	41	109	80	77	82
1997/1999									
Total, 15 to 99 years	86	85	86	82	76	88	86	85	86
15 to 39 years	80	79	82	F	F	F	80	79	82
40 to 49 years	87	86	88	74	50	88	87	86	88
50 to 59 years	87	86	88	80	66	89	87	86	88
60 to 69 years	88	87	88	84	73	92	88	87	89
70 to 79 years	85	84	86	89	75	101	85	84	86
80 to 99 years	79	76	81	71	44	99	79	76	81
1998/2000									
Total, 15 to 99 years	86	86	87	80	73	86	86	86	87
15 to 39 years	82	81	84	91	48	99	82	81	84
40 to 49 years	89	88	89	56	36	73	89	88	89
50 to 59 years	87	87	88	83	69	92	88	87	88
60 to 69 years	88	87	89	80	68	89	88	87	89
70 to 79 years	86	85	87	91	77	102	86	85	87
80 to 99 years	78	76	80	66	40	93	78	76	81

See footnotes at the end of the table.

Table 27-1 – continued

Breast — Five-year relative survival ratios, October 2011 CCR file, by age group and sex, 1 and 3 years of cases, Canada (excluding Quebec)¹

Primary site of cancer	3 years of cases								
	Both sexes			Males			Females		
	Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval		Relative survival ratio	95% confidence interval	
		Low	High		Low	High		Low	High
percent									
1999/2001									
Total, 15 to 99 years	87	86	87	78	72	84	87	87	87
15 to 39 years	82	80	83	F	F	F	82	80	83
40 to 49 years	89	88	89	60	39	76	89	88	89
50 to 59 years	89	88	89	89	76	96	89	88	89
60 to 69 years	89	89	90	80	68	89	90	89	90
70 to 79 years	87	86	88	79	65	90	87	86	88
80 to 99 years	79	76	81	66	42	92	79	76	81
2000/2002									
Total, 15 to 99 years	87	86	87	79	72	85	87	87	87
15 to 39 years	82	80	83	F	F	F	82	80	83
40 to 49 years	89	88	89	69	48	83	89	88	89
50 to 59 years	89	88	89	89	77	96	89	88	89
60 to 69 years	89	89	90	81	68	90	89	89	90
70 to 79 years	87	86	88	76	63	88	87	86	88
80 to 99 years	78	76	81	70	42	98	78	76	81
2001/2003									
Total, 15 to 99 years	87	87	88	78	72	84	87	87	88
15 to 39 years	82	81	84	F	F	F	82	81	84
40 to 49 years	89	88	89	85	66	94	89	88	89
50 to 59 years	89	88	90	83	70	91	89	88	90
60 to 69 years	90	89	91	77	65	86	90	89	91
70 to 79 years	87	86	88	75	62	87	87	86	88
80 to 99 years	79	77	82	73	50	96	80	77	82

1. Data from Quebec have been excluded because of issues in correctly ascertaining the vital status of cases.

2. Breast cancer (International Classification of Diseases for Oncology, Third Edition (ICD-O-3) codes C50.0 to C50.9), excluding morphology types M-9050 to M-9055; M-9140; M-9590 to M-9989.

Note(s): See "Data quality, concepts and methodology — Footnotes" section. Please note that CANSIM tables also provide the number of cases on which analyses were based, the number of deaths within the first five years of follow-up, as well as estimates of observed survival and their corresponding 95% confidence intervals.

Source(s): Statistics Canada, Canadian Cancer Registry (CCR), Canadian Vital Statistics (Death Database) and life tables (CANSIM tables 103-1561 and 103-1562).