



A Distillation of Melanoma Statistics

From the Canadian Cancer Society Documents

Canadian Cancer Statistics 2017: Special Topic:

Pancreatic Cancers (2017) with comparisons to

Canadian Cancer Statistics 2016: Special Topic: HPV-

Associated Cancers

Save Your Skin Foundation - June 2017

Melanoma Statistics 2017

❖ There are estimated to be 103,100 new cases of cancer in MALES in 2017. Of these, **3.9% are estimated to be melanoma** (2017 21. Figure 1.2). In 2016, there were estimated to be 102,900 new cases of cancer in MALES, 3.6% of these being melanoma (2016 19. Figure 1.2).

❖ There are estimated to be 103,200 new cases of cancer in FEMALES in 2017. Of these, **3.2% are expected to be melanoma** (2017 21. Figure 1.2). In 2016, there were estimated to be 99,500 new cases of cancer in FEMALES, 3.1% of these being melanoma (2016 19. Figure 1.2).

❖ Incidence rates of melanoma have increased in both males and females over the last decade. **Between 1992-2013 incidence rates increased by 2.1% per year in MALES and 2% per year in FEMALES** (2017 26).

❖ 2017 page 37. Table 1.1: MALES

❖ **2017 lifetime probability of developing melanoma: 1.8%** (2016 page 26.

Table 1.1: 2016 lifetime probability of developing melanoma 1.7%)

❖ **One in: 56** (2016 page 26. Table 1.1: one in 57)

❖ Probability (%) of developing melanoma in the next 10 years at selected ages: 30- 0.1%, 40- 0.1%, 50-0.2%, 60-0.4%, 70-0.6%, 80-0.7% (2016 page 26. Table 1.1: 30-0.1%, 40-0.1%, 50-0.2%, 60-0.4%, 70-0.6%, 80-0.6%)

❖ 2017 page 37. Table 1.1: FEMALES

❖ **Lifetime probability of developing melanoma: 1.4%** (2016 page 26. Table 1.1: 2016 lifetime probability of developing melanoma 1.3%)

❖ One in: 74 (2016 page 26. Table 1.1: one in 74)

❖ Probability (%) of developing cancer in the next 10 years at selected ages: 30-0.1%, 40-0.2%, 50-0.2%, 60-0.3%, 70-0.3%, 80-0.3% (2016 page 26. Table 1.1: 30-0.1%, 40-0.2%, 50-0.2%, 60-0.3%, 70-0.3%, 80-0.3%)

❖ 2017 page 38. Table 1.2: **New cases of melanoma**

❖ TOTAL: 7,200 (18.5 per 100,000) (2016 27. Table 1.2: 6,800 (17.8 per 100,000))

❖ MALE: 4,000 (21.3 per 100,000) (2016 27. Table 1.2: 3,700 (20.5 per 100,000))

❖ FEMALE: 3,300 (16.3 per 100,000) (2016 27. Table 1.2: 3,100 (15.8 per 100,000))

❖ 2017 page 39. Table 1.3: age-standardized incidence rates (ASIR) for selected cancers, MALES, Canada, 1988-2017

TABLE 1.3 Age-standardized incidence rates (ASIR) for selected* cancers, males, Canada, 1988–2017[†]

Year	Cases per 100,000									
	All cancers	Prostate	Colorectal	Lung and bronchus	Bladder	Melanoma	Stomach	Liver	Thyroid	Larynx
1988	608.9	122.3	84.9	126.3	44.2	12.6	23.1	3.9	2.5	11.6
1989	598.5	123.3	83.2	123.6	40.7	11.5	22.5	4.1	2.4	10.9
1990	605.4	133.6	83.0	122.5	40.2	12.6	21.2	4.4	2.5	10.2
1991	622.6	150.0	83.0	120.1	40.8	11.3	21.0	4.6	2.8	11.1
1992	648.4	167.5	85.5	121.5	40.8	13.0	19.7	4.6	2.3	10.9
1993	662.2	186.4	82.1	122.5	40.6	13.0	19.4	5.0	3.0	10.0
1994	646.6	171.9	83.3	115.9	40.7	13.5	19.3	5.7	3.1	10.1
1995	615.2	149.4	81.3	113.3	39.9	13.8	18.0	5.5	3.0	9.8
1996	603.7	146.7	79.8	110.4	38.3	14.0	18.4	5.6	3.0	9.3
1997	608.2	154.1	79.7	106.9	39.7	14.4	17.6	6.1	3.1	8.8
1998	608.9	154.0	82.5	108.2	38.0	14.1	17.2	5.7	3.2	8.8
1999	623.6	159.5	83.8	107.3	40.5	16.4	17.0	6.1	3.7	8.8
2000	626.5	166.3	85.9	102.4	38.8	16.0	16.7	6.1	4.1	7.8
2001	634.8	177.4	84.7	102.5	37.6	16.4	16.1	7.0	4.0	8.2
2002	614.2	165.4	83.8	99.3	37.7	15.5	14.8	7.0	4.6	7.7
2003	608.9	161.1	81.0	96.4	38.4	16.4	15.9	6.7	4.3	7.1
2004	615.4	164.2	82.6	96.5	38.6	16.3	15.3	7.2	4.6	7.1
2005	614.4	163.5	82.5	95.0	37.4	16.2	15.1	7.8	5.5	7.0
2006	615.3	169.1	81.4	93.0	37.4	17.5	14.6	7.9	5.8	6.3
2007	618.3	168.0	81.7	92.6	36.7	17.8	14.4	8.5	6.0	6.4
2008	604.4	154.6	82.3	89.9	38.2	18.7	14.0	8.3	6.6	6.5
2009	597.2	151.3	80.2	88.4	37.6	19.2	13.6	8.7	6.6	6.2
2010	584.3	146.1	76.3	86.1	37.7	19.2	12.8	8.5	6.8	6.3
2011 [†]	587.3	147.7	77.3	83.2	38.0	19.5	12.9	9.2	8.0	5.9
2012 [†]	562.0	128.8	75.4	82.1	36.5	19.0	12.4	9.3	8.5	5.5
2013 [†]	553.8	117.2	75.3	78.9	35.7	20.0	12.6	8.7	8.6	5.3
2014 [†]	559.1	117.7	80.1	79.8	36.6	21.1	12.2	9.4	8.3	5.4
2015 [†]	555.4	115.1	79.9	78.7	36.5	21.2	12.1	9.6	8.5	5.3
2016 [†]	551.9	112.7	79.7	77.5	36.4	21.3	11.9	9.8	8.6	5.2
2017 [†]	548.4	110.4	79.6	76.5	36.3	21.3	11.8	9.9	8.8	5.1

❖ 2017 page 40. Table 1.4: age-standardized incidence rates (ASIR) for selected cancers, FEMALES, Canada, 1988-2017

TABLE 1.4 Age-standardized incidence rates (ASIR) for selected* cancers, females, Canada, 1988–2017¹

Year	Cases per 100,000										
	All cancers	Breast	Lung and bronchus	Colorectal	Uterus (body,NOS)	Thyroid	Melanoma	Bladder	Cervix	Liver	Larynx
1988	435.9	126.2	45.7	60.8	26.6	5.7	10.6	12.0	11.2	1.4	2.0
1989	427.2	124.2	46.1	59.8	24.7	6.1	10.0	10.4	11.1	1.5	2.1
1990	431.2	124.0	47.9	60.0	25.1	6.3	9.9	10.5	11.5	1.3	1.9
1991	437.4	130.0	49.4	58.3	24.9	6.5	10.2	10.6	10.6	1.4	2.2
1992	446.6	132.7	52.8	58.7	25.0	7.4	10.0	10.1	10.8	1.8	1.8
1993	447.4	129.5	54.0	58.7	26.2	7.7	10.6	10.9	10.6	1.6	1.7
1994	446.8	129.2	52.8	57.6	25.8	8.2	10.7	10.5	10.3	1.8	1.9
1995	444.3	129.0	54.1	56.1	24.8	8.3	11.0	10.6	10.2	1.7	1.9
1996	442.3	129.1	55.8	54.7	24.8	8.4	11.3	9.9	10.2	1.8	1.8
1997	448.4	134.1	56.0	55.0	25.5	8.5	11.2	10.2	9.4	1.7	1.8
1998	458.7	135.6	57.9	58.1	26.0	8.8	11.3	11.0	9.3	2.1	1.6
1999	459.5	138.0	57.9	56.9	25.7	10.3	11.9	10.3	9.3	1.6	1.6
2000	461.2	133.7	59.8	58.3	26.1	11.1	12.2	9.8	9.1	2.0	1.4
2001	457.9	131.5	59.6	57.3	25.5	12.0	12.3	10.0	9.0	2.0	1.5
2002	464.0	134.0	60.4	56.7	26.4	14.2	11.9	9.9	8.7	1.9	1.4
2003	455.2	126.5	60.4	55.7	26.3	14.7	11.9	10.5	8.5	2.1	1.5
2004	458.3	127.0	61.3	56.3	25.9	16.1	12.4	10.3	8.3	1.9	1.3
2005	465.7	127.8	63.1	56.0	26.1	18.2	12.9	10.4	7.9	2.1	1.2
2006	465.7	127.8	63.5	54.4	26.9	18.4	13.1	10.2	8.1	2.4	1.1
2007	471.4	128.4	63.7	55.0	27.9	19.6	13.7	10.5	8.4	2.3	1.3
2008	468.9	126.0	64.6	54.9	27.7	21.1	14.2	9.8	8.1	2.5	1.1
2009	474.6	128.7	64.1	54.4	28.3	21.7	14.8	10.5	8.4	2.2	1.1
2010	475.8	130.2	63.1	53.9	30.2	22.7	14.4	9.8	8.2	2.4	1.0
2011 ¹	479.4	130.8	63.3	53.1	30.6	25.8	15.0	10.2	7.9	2.5	1.1
2012 ¹	477.3	127.2	64.4	53.0	31.3	27.1	14.6	10.2	7.6	2.7	0.9
2013 ¹	477.5	126.9	63.6	51.7	30.6	27.1	15.9	9.5	7.5	2.3	0.8
2014 ²	492.5	129.7	66.0	55.1	34.7	27.4	16.1	9.9	8.4	2.6	0.9
2015 ²	493.6	129.9	65.8	55.0	35.0	28.0	16.2	9.9	8.4	2.6	0.9
2016 ²	494.6	130.0	65.6	54.9	35.4	28.5	16.3	9.8	8.3	2.6	0.9
2017 ²	495.6	130.3	65.3	54.9	35.7	29.1	16.3	9.8	8.3	2.7	0.8

❖ 2017 page 41: annual percent change (ACP) in age-standardized incidence rates for selected cancers, by sex, Canada, most recent trends to 2013

- ❖ **melanoma MALE annual percent change 2.1% (reference year 1992)**
- ❖ **melanoma FEMALE annual percent change 2% (reference year 1992)**

❖ 2017 page 44. Table 1.9: Projected new cases for selected cancers, by sex and province, Canada, 2017

TABLE 1.9 Projected new cases for selected cancers, by sex and province, Canada, 2017

	Canada*	BC	AB	SK	MB	ON*	QC*	NB	NS	PE	NL
Males											
All cancers	103,100	12,900	9,700	2,800	3,300	39,800	26,300	2,400	3,100	470	2,000
Prostate	21,300	2,800	2,400	590	700	8,500	4,800	370	620	95	450
Colorectal	14,900	1,850	1,250	500	510	5,700	3,800	380	470	70	360
Lung and bronchus	14,400	1,500	1,100	370	430	5,300	4,400	420	470	75	320
Bladder	6,700	970	650	220	230	1,850	2,200	210	240	30	140
Non-Hodgkin lymphoma	4,600	580	460	100	150	1,850	1,050	110	150	20	90
Kidney and renal pelvis	4,200	490	410	130	140	1,550	1,100	110	150	20	85
Melanoma	4,000	590	360	80	110	1,900	560	90	160	25	55
Leukemia	3,600	460	420	130	110	1,500	770	110	90	10	40
Oral	3,200	420	310	80	130	1,350	700	70	100	20	50
Pancreas	2,800	380	240	80	80	1,050	700	75	75	15	40
Stomach	2,200	250	180	70	85	850	570	60	60	10	65
Liver	1,900	300	180	30	45	760	480	20	40	5	20
Esophagus	1,800	240	190	45	50	760	380	40	65	10	25
Brain/CNS	1,700	210	160	50	50	650	460	35	45	10	30
Multiple myeloma	1,700	210	170	45	55	700	400	40	45	10	25
Thyroid	1,650	140	160	25	35	710	450	35	35	5	30
Testis	1,100	160	140	35	40	420	250	20	25	5	10
Larynx	970	120	85	25	35	330	290	30	35	5	20
Hodgkin lymphoma	570	60	60	20	20	210	160	10	15	—	10
Breast	230	30	15	5	5	95	60	5	10	—	5
Females											
All cancers	103,200	12,600	8,800	2,800	3,400	40,900	26,900	2,300	3,100	440	1,850
Breast	26,300	3,500	2,600	750	860	10,100	6,500	580	730	120	510
Lung and bronchus	14,200	1,550	1,100	420	480	5,300	4,300	290	480	60	220
Colorectal	11,900	1,500	970	380	360	4,700	3,000	270	400	60	270
Uterus (body, NOS)	7,300	970	650	180	280	3,200	1,450	150	180	20	150
Thyroid	5,400	360	390	90	110	2,500	1,650	100	120	10	100
Non-Hodgkin lymphoma	3,700	520	290	110	130	1,550	830	95	110	15	80
Melanoma	3,300	510	310	75	100	1,500	470	90	130	25	45
Ovary	2,800	350	210	75	90	1,200	710	55	75	10	40
Pancreas	2,700	330	260	75	95	1,100	690	70	75	10	35
Leukemia	2,600	330	240	80	85	1,100	550	75	60	10	20
Kidney and renal pelvis	2,400	210	200	80	95	900	610	80	110	10	60
Bladder	2,200	290	200	70	75	560	790	60	90	10	35
Cervix	1,550	180	170	50	50	710	280	25	45	5	30
Oral	1,450	180	120	35	60	600	370	30	40	5	15
Brain/CNS	1,300	150	110	35	40	510	380	30	30	5	20
Stomach	1,300	140	95	30	40	540	330	30	30	5	35
Multiple myeloma	1,200	150	110	35	40	510	270	30	35	5	20
Liver	580	85	50	10	15	210	180	10	10	—	10
Esophagus	530	80	45	10	15	220	120	10	20	5	5
Hodgkin lymphoma	430	50	40	15	15	180	100	10	10	—	5
Larynx	180	20	15	5	5	55	55	5	10	—	5

❖ 2016 page 39. Table 2.4: estimated new cases for selected cancers by sex and province, Canada, 2016

TABLE 2.4 Estimated new cases for selected cancers by sex and province, Canada, 2016

	Canada*	BC	AB	SK	MB	ON ¹	QC ²	NB	NS	PE	NL ¹
Males											
All cancers	102,900	13,200	9,900	3,000	3,400	39,400	25,800	2,600	3,000	470	2,100
Prostate	21,600	3,300	2,600	660	710	7,900	4,700	530	590	95	440
Colorectal	14,500	1,800	1,300	480	560	5,400	3,700	360	470	70	360
Lung and bronchus	14,400	1,550	1,050	380	430	5,300	4,400	410	470	65	330
Bladder	6,600	1,050	660	250	220	1,750	2,100	190	240	35	110
Non-Hodgkin lymphoma	4,400	560	460	120	150	1,700	1,050	120	140	20	80
Kidney and renal pelvis	4,100	430	380	130	180	1,450	1,050	130	150	20	110
Melanoma	3,700	580	360	75	100	1,750	550	95	150	20	55
Leukemia	3,500	460	430	130	150	1,350	750	100	90	10	45
Oral	3,200	430	290	95	150	1,250	680	65	95	20	55
Pancreas	2,600	350	230	80	95	960	680	65	70	10	35
Stomach	2,200	260	190	70	85	790	560	60	60	10	65
Liver	1,800	290	170	30	45	740	450	20	45	5	20
Esophagus	1,800	240	200	45	50	760	370	40	60	10	20
Brain/CNS	1,750	200	160	45	50	680	460	35	45	5	30
Multiple myeloma	1,600	200	150	40	50	630	390	40	45	10	25
Thyroid	1,550	130	150	25	35	670	420	35	35	—	25
Testis	1,100	150	120	35	40	440	240	20	25	5	5
Larynx	890	95	70	25	30	330	290	25	35	5	25
Hodgkin lymphoma	550	60	65	25	15	210	160	10	15	—	10
Females											
All cancers	99,500	12,400	8,600	2,800	3,400	38,300	26,100	2,300	3,000	440	1,900
Breast	25,700	3,500	2,400	720	880	9,900	6,300	570	790	120	440
Lung and bronchus	14,000	1,550	1,100	420	490	5,200	4,200	320	480	55	230
Colorectal	11,600	1,400	900	360	410	4,500	3,000	260	420	55	260
Body of uterus and uterus NOS	6,600	790	610	180	260	2,800	1,450	140	160	20	120
Thyroid	5,300	380	370	70	140	2,500	1,550	110	110	10	110
Non-Hodgkin lymphoma	3,600	480	340	120	130	1,450	820	95	120	15	80
Melanoma	3,100	530	290	65	110	1,350	460	90	140	20	45
Ovary	2,800	320	210	80	100	1,150	700	55	70	10	45
Pancreas	2,600	290	240	75	85	1,000	680	60	80	10	35
Leukemia	2,400	320	240	85	80	1,000	540	70	55	10	25
Kidney and renal pelvis	2,300	200	220	80	95	870	600	80	100	5	60
Bladder	2,100	290	190	75	70	520	780	65	80	10	30
Cervix	1,500	180	170	50	50	630	280	30	45	5	30
Oral	1,450	180	110	35	55	600	360	30	40	5	20
Stomach	1,300	150	95	35	40	530	320	30	30	—	35
Brain/CNS	1,300	150	110	35	40	520	370	30	35	—	20
Multiple myeloma	1,150	160	110	35	35	470	270	25	35	5	20
Liver	590	80	55	10	15	210	180	10	10	—	5
Esophagus	530	80	45	10	15	210	110	10	20	—	10
Hodgkin lymphoma	460	55	45	15	15	170	100	5	10	—	5
Larynx	170	25	15	5	5	60	60	5	5	—	5

❖ 2017 page 47. Figure 2.2: there are expected to be 42,600 MALE cancer deaths in 2017. **Of these, 1.9% are expected to be caused by melanoma (2016 42.** Figure 3.2: estimated male cancer deaths: 41,700, percentage due to melanoma 1.8%)

❖ 2017 page 47. Figure 2.2: there are expected to be 38,200 FEMALE cancer deaths in 2017, **1.2% being caused by melanoma** (2016 42. Figure 3.2: estimated female cancer deaths: 37,100, percentage due to melanoma 1.2%)

❖ 2017 page 53. Figure 2.6: **average annual percent change in age-standardized melanoma mortality rates 1992-2012: MALE 1%, FEMALE 0.3%**

❖ 2017 page 61. Table 2.1: Lifetime probability of dying from cancer overall and at selected ages, Canada, 2012

TABLE 2.1 Lifetime probability of dying from cancer overall and at selected ages, Canada, 2012

	Lifetime probability of dying from cancer overall		Probability (%) of dying from cancer in the next 10 years at selected ages					
	%	One in:	30	40	50	60	70	80
Males								
All cancers	28.3	3.5	0.1	0.5	1.8	5.0	10.4	15.9
Lung and bronchus	7.4	14	—	0.1	0.5	1.6	3.2	3.8
Prostate	3.5	29	—	—	0.1	0.3	0.9	2.6
Colorectal	3.5	29	—	0.1	0.2	0.6	1.3	2.0
Pancreas	1.4	72	—	—	0.1	0.3	0.5	0.7
Bladder	1.2	83	—	—	—	0.1	0.4	0.9
Leukemia	1.1	90	—	—	0.1	0.2	0.4	0.7
Non-Hodgkin lymphoma	1.1	95	—	—	0.1	0.2	0.4	0.6
Esophagus	0.9	112	—	—	0.1	0.2	0.3	0.4
Stomach	0.8	126	—	—	0.1	0.1	0.3	0.4
Kidney and renal pelvis	0.7	142	—	—	0.1	0.2	0.2	0.4
Brain/CNS	0.6	163	—	—	0.1	0.2	0.2	0.2
Multiple myeloma	0.6	179	—	—	—	0.1	0.2	0.3
Liver*	0.5	199	—	—	0.1	0.1	0.2	0.2
Oral	0.5	206	—	—	0.1	0.1	0.2	0.2
Melanoma	0.4	241	—	—	—	0.1	0.1	0.2
Larynx	0.2	459	—	—	—	0.1	0.1	0.1
Thyroid	0.1	1,512	—	—	—	—	—	—
Females								
All cancers	23.7	4.2	0.2	0.6	1.8	3.9	7.3	10.4
Lung and bronchus	5.7	17	—	0.1	0.5	1.2	2.2	2.2
Breast	3.2	31	0.1	0.2	0.3	0.5	0.8	1.2
Colorectal	2.9	34	—	0.1	0.2	0.4	0.7	1.5
Pancreas	1.5	66	—	—	0.1	0.3	0.5	0.7
Ovary	1.0	100	—	—	0.1	0.2	0.3	0.4
Non-Hodgkin lymphoma	0.9	116	—	—	—	0.1	0.3	0.5
Leukemia	0.8	122	—	—	—	0.1	0.3	0.4
Uterus (body,NOS)	0.6	154	—	—	0.1	0.1	0.2	0.2
Stomach	0.5	199	—	—	—	0.1	0.1	0.3
Brain/CNS	0.5	203	—	—	0.1	0.1	0.1	0.2
Bladder	0.5	219	—	—	—	—	0.1	0.3
Kidney and renal pelvis	0.5	221	—	—	—	0.1	0.1	0.2
Multiple myeloma	0.4	234	—	—	—	0.1	0.1	0.2
Esophagus	0.3	333	—	—	—	0.1	0.1	0.1
Melanoma	0.3	397	—	—	—	—	0.1	0.1
Cervix	0.2	426	—	—	—	—	0.1	0.1
Oral	0.2	443	—	—	—	—	0.1	0.1
Liver*	0.1	672	—	—	—	—	0.1	0.1
Larynx	0.1	1,662	—	—	—	—	—	—
Thyroid	0.1	1,703	—	—	—	—	—	—

❖ 2017 page 62: Table 2.2: Projected deaths and age-standardized mortality rates (ASMR) for selected cancers, by sex, Canada, 2017

TABLE 2.2 Projected deaths and age-standardized mortality rates (ASMR) for selected cancers, by sex, Canada, 2017

	Deaths			Deaths per 100,000		
	Total*	Males	Females	Total*	Males	Females
All cancers	80,800	42,600	38,200	198.1	233.3	172.1
Lung and bronchus	21,100	11,100	10,000	51.4	59.4	45.3
Colorectal	9,400	5,100	4,300	23.1	28.1	19.0
Breast	5,000	60	5,000	12.6	0.3	23.2
Pancreas	4,800	2,400	2,400	11.9	13.1	10.8
Prostate	4,100	4,100	—	—	23.8	—
Leukemia	2,900	1,650	1,250	7.2	9.2	5.5
Non-Hodgkin lymphoma	2,700	1,500	1,200	6.7	8.4	5.3
Bladder	2,400	1,700	680	5.7	9.5	2.9
Brain/CNS	2,400	1,350	1,050	6.0	7.1	5.0
Esophagus	2,200	1,650	480	5.3	8.9	2.1
Stomach	2,100	1,250	790	5.1	6.9	3.6
Kidney and renal pelvis	1,900	1,200	670	4.6	6.6	3.0
Ovary	1,800	—	1,800	—	—	8.2
Multiple myeloma	1,450	810	650	3.5	4.4	2.9
Oral	1,250	860	400	3.1	4.6	1.8
Melanoma	1,250	790	450	3.1	4.3	2.1
Liver [†]	1,200	950	270	3.0	5.0	1.2
Uterus (body, NOS)	1,150	—	1,150	—	—	5.3
Larynx	440	350	95	1.1	1.9	0.4
Cervix	400	—	400	—	—	2.0
Thyroid	220	95	120	0.5	0.5	0.5
Hodgkin lymphoma	140	85	60	0.4	0.5	0.3
Testis	45	45	—	—	0.2	—
All other cancers	10,400	5,500	4,900	25.5	30.7	21.6

❖ 2017 page 65. Table 2.5: annual percent change (APC) in age-standardized mortality rates for selected cancers, by sex, Canada, most recent trends to 2012

- ❖ **MALE annual percent change for melanoma was 1% (reference year 1992)**
- ❖ **FEMALE annual percent change for melanoma was 0.3% (reference year 1992)**

❖ 2017 page 68. Table 2.9: Projected deaths for selected cancers, by sex and province, Canada, 2017

TABLE 2.9 Projected deaths for selected cancers, by sex and province, Canada, 2017

	Canada*	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Males											
All cancers	42,600	5,500	3,600	1,250	1,500	15,600	11,400	1,150	1,450	210	850
Lung and bronchus	11,100	1,300	830	300	340	3,700	3,600	350	380	60	230
Colorectal	5,100	690	460	150	190	1,750	1,350	120	200	25	140
Prostate	4,100	570	420	160	170	1,600	880	95	120	20	75
Pancreas	2,400	350	190	75	75	940	590	60	75	10	40
Bladder	1,700	250	140	55	55	630	420	40	55	10	25
Esophagus	1,650	250	180	55	70	670	300	45	65	10	25
Leukemia	1,650	210	140	55	60	670	400	40	55	10	25
Non-Hodgkin lymphoma	1,500	190	120	50	55	550	410	45	60	5	25
Brain/CNS	1,350	160	120	30	35	560	330	30	45	5	20
Stomach	1,250	130	110	35	50	470	340	35	40	5	45
Kidney and renal pelvis	1,200	180	110	45	55	410	290	35	50	5	25
Liver ¹	950	160	85	15	25	400	220	10	25	—	10
Oral	860	130	75	20	25	350	190	20	25	5	15
Multiple myeloma	810	100	70	25	35	310	200	20	30	5	10
Melanoma	790	95	65	20	25	320	200	20	30	—	10
Larynx	350	40	30	10	10	120	110	10	15	—	10
Thyroid	95	15	5	5	5	35	20	5	5	—	—
Hodgkin lymphoma	85	10	5	5	—	35	25	—	5	—	—
Breast	60	5	5	5	—	20	15	—	5	—	—
Testis	45	5	5	—	—	15	10	—	—	—	—
Females											
All cancers	38,200	4,800	3,100	1,150	1,400	14,000	10,400	950	1,300	200	670
Lung and bronchus	10,000	1,200	810	300	350	3,400	3,100	250	350	55	140
Breast	5,000	610	410	160	190	1,900	1,300	120	160	25	100
Colorectal	4,300	630	330	130	160	1,500	1,200	95	170	30	95
Pancreas	2,400	300	220	70	80	940	630	65	75	10	35
Ovary	1,800	250	160	55	65	690	430	45	60	10	30
Leukemia	1,250	160	110	40	40	500	300	30	40	10	20
Non-Hodgkin lymphoma	1,200	160	95	40	50	460	270	35	50	5	20
Uterus (body, NOS)	1,150	140	90	25	35	470	320	25	40	5	20
Brain/CNS	1,050	140	70	25	25	450	250	20	30	5	15
Stomach	790	95	60	20	25	310	220	20	25	—	25
Bladder	680	100	45	20	25	260	180	15	20	5	10
Kidney and renal pelvis	670	75	60	15	25	250	170	20	25	5	20
Multiple myeloma	650	85	60	20	25	240	170	20	20	5	15
Esophagus	480	75	45	15	15	200	95	10	20	—	10
Melanoma	450	50	35	10	10	190	110	10	15	5	5
Cervix	400	50	45	20	20	150	80	10	15	5	10
Oral	400	55	35	10	15	140	110	10	15	—	5
Liver ¹	270	35	20	5	10	120	65	5	5	—	5
Thyroid	120	20	10	—	5	50	25	5	5	—	5
Larynx	95	10	5	—	—	30	40	—	5	—	—
Hodgkin lymphoma	60	5	5	—	—	25	20	—	—	—	—

❖ 2016 page 61. Table 4.4: estimated deaths for selected cancers by sex and province, Canada, 2016

TABLE 4.4 Estimated deaths for selected cancers by sex and province, Canada, 2016

	Canada*	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Males											
All cancers	41,700	5,400	3,600	1,250	1,450	15,400	11,100	1,100	1,400	190	780
Lung and bronchus	10,900	1,250	810	290	330	3,700	3,500	340	370	60	220
Colorectal	5,000	670	450	150	190	1,700	1,350	120	200	25	130
Prostate	4,000	560	410	160	170	1,550	860	95	120	20	75
Pancreas	2,400	340	190	70	75	910	580	60	75	10	40
Bladder	1,650	250	140	55	55	610	410	40	55	10	25
Leukemia	1,650	210	140	55	60	650	400	40	55	5	25
Esophagus	1,600	250	170	55	70	650	290	40	60	10	25
Non-Hodgkin lymphoma	1,500	190	120	45	55	550	400	45	55	5	25
Brain/CNS	1,300	160	120	30	35	540	320	30	45	5	20
Stomach	1,250	130	110	35	50	460	330	35	40	5	40
Kidney and renal pelvis	1,200	170	100	40	55	410	290	35	45	5	25
Liver ^a	910	160	85	15	20	380	210	10	20	—	10
Oral	840	130	75	20	25	330	190	20	25	5	15
Multiple myeloma	800	100	70	25	30	310	200	15	30	5	10
Melanoma	770	90	65	20	25	320	190	20	30	—	10
Larynx	320	40	25	10	10	120	110	10	10	—	10
Thyroid	90	15	5	5	5	35	20	5	5	—	—
Hodgkin lymphoma	80	10	5	5	—	30	25	—	5	—	—
Testis	40	5	5	—	—	15	10	—	—	—	—
Females											
All cancers	37,100	4,700	3,000	1,100	1,350	13,600	10,200	920	1,300	190	670
Lung and bronchus	9,800	1,200	790	290	350	3,400	3,000	250	350	50	140
Breast	4,900	610	410	160	190	1,850	1,300	120	160	25	100
Colorectal	4,300	610	320	130	160	1,500	1,200	95	170	25	90
Pancreas	2,400	290	210	65	80	910	620	70	75	10	30
Ovary	1,750	250	150	55	65	680	420	45	55	10	30
Non-Hodgkin lymphoma	1,200	160	90	35	50	460	270	35	50	5	20
Leukemia	1,200	160	110	40	40	490	290	30	40	10	15
Body of uterus and uterus NOS	1,100	130	85	25	35	450	300	25	40	5	20
Brain/CNS	1,000	130	75	25	25	440	240	20	30	—	15
Stomach	780	90	60	20	25	300	210	20	20	—	20
Bladder	670	95	45	20	25	260	180	15	20	5	10
Kidney and renal pelvis	660	70	55	15	25	250	170	20	25	5	20
Multiple myeloma	640	80	55	20	25	240	170	20	15	5	15
Esophagus	460	75	40	15	15	190	85	10	20	—	10
Melanoma	440	50	35	10	10	190	110	10	15	5	5
Cervix	400	50	40	20	20	150	80	10	15	5	10
Oral	390	55	35	10	15	150	110	10	15	—	5
Liver ^a	270	35	20	5	10	120	60	5	5	—	5
Thyroid	120	20	10	—	5	45	25	5	5	—	5
Larynx	75	10	5	—	—	30	40	—	5	—	—
Hodgkin lymphoma	45	5	5	—	—	25	15	—	—	—	—

❖ 2017 page 72: **five-year survival for melanoma was the second highest in both MALES (85%) and FEMALES (92%)**

❖ 2017 page 77. Table 3.1: Five-year age-standardized net and observed survival for selected cancers by sex, ages 15-99, Canada (excluding Quebec), 2006-2008

TABLE 3.1 Five-year age-standardized net and observed survival for selected cancers by sex, ages 15–99, Canada (excluding Quebec*), 2006–2008

	Net survival (%) (95% confidence interval)			Observed survival proportion (%) (95% confidence interval)		
	Both sexes	Males	Females	Both sexes	Males	Females
All cancers	60 (60–61)	60 (59–60)	61 (60–61)	55 (55–56)	54 (54–54)	56 (56–57)
Thyroid	98 (97–98)	95 (94–97)	98 (98–99)	95 (94–95)	92 (91–93)	96 (95–96)
Testis	—	96 (95–97)	—	—	95 (94–96)	—
Prostate	—	95 (94–95)	—	—	81 (81–82)	—
Melanoma	88 (87–89)	85 (83–86)	92 (90–93)	79 (78–80)	75 (74–76)	84 (83–85)
Breast	87 (87–88)	79 (72–84)	87 (87–88)	80 (80–81)	71 (65–75)	80 (80–81)
Hodgkin lymphoma	85 (83–86)	83 (80–85)	87 (85–89)	83 (81–84)	80 (78–82)	86 (83–87)
Uterus (body, NOS)	—	—	84 (83–85)	—	—	78 (77–79)
Bladder ^a	73 (72–74)	74 (72–75)	71 (69–74)	60 (59–61)	59 (58–61)	61 (59–63)
Cervix	—	—	73 (71–74)	—	—	70 (69–72)
Kidney and renal pelvis	67 (66–68)	66 (64–67)	69 (68–71)	60 (59–61)	58 (56–59)	64 (62–65)
Non-Hodgkin lymphoma	66 (65–67)	63 (62–65)	69 (68–70)	59 (58–59)	55 (54–56)	63 (61–64)
Colorectal	64 (63–65)	63 (62–64)	65 (64–66)	54 (54–55)	52 (52–53)	56 (56–57)
Larynx	63 (61–66)	64 (61–66)	63 (57–68)	55 (53–57)	54 (52–57)	57 (52–62)
Oral	63 (62–64)	60 (59–62)	68 (65–70)	56 (55–57)	53 (52–55)	62 (60–63)
Leukemia	58 (57–59)	58 (56–59)	59 (57–60)	51 (50–52)	50 (48–51)	52 (51–54)
Ovary	—	—	44 (42–45)	—	—	41 (40–42)
Multiple myeloma	42 (40–43)	42 (40–45)	41 (38–43)	36 (35–38)	36 (34–38)	36 (34–39)
Stomach	25 (23–26)	23 (21–24)	28 (26–30)	21 (20–22)	19 (18–20)	25 (23–27)
Brain/CNS	24 (23–26)	22 (21–24)	28 (26–29)	24 (23–25)	21 (20–23)	27 (25–29)
Liver	19 (17–21)	19 (17–21)	20 (17–24)	17 (16–19)	17 (15–19)	19 (16–22)
Lung and bronchus	17 (17–17)	14 (14–15)	20 (19–20)	15 (15–15)	12 (12–13)	18 (17–18)
Esophagus	14 (12–15)	13 (12–15)	17 (14–20)	12 (11–13)	11 (10–13)	16 (13–19)
Pancreas	8 (7–8)	7 (6–8)	8 (7–9)	7 (6–7)	6 (5–7)	7 (6–8)

❖ 2017 page 85: Table 4.1: Tumour-based prevalence for selected cancers by prevalence duration and sex, Canada, January 1, 2009

TABLE 4.1 Tumour-based prevalence for selected cancers by prevalence duration and sex, Canada,* January 1, 2009

	10-year (diagnosed since 1999)			5-year (diagnosed since 2004)			2-year (diagnosed since 2007)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All cancers	840,985	423,760	417,225	520,025	266,175	253,855	247,310	127,775	119,535
Prostate	176,365	176,365	—	105,180	105,180	—	46,295	46,295	—
Breast	158,430	1,045	157,380	90,685	640	90,050	39,695	285	39,410
Colorectal	105,195	56,650	48,545	67,215	36,860	30,360	32,610	18,130	14,480
Melanoma	39,495	19,895	19,600	23,365	11,985	11,380	10,640	5,530	5,105
Lung and bronchus [†]	39,350	18,435	20,920	29,920	14,165	15,755	18,755	9,100	9,650
Non-Hodgkin lymphoma	36,220	19,140	17,080	23,145	12,440	10,705	10,760	5,900	4,865
Bladder [†]	34,255	25,650	8,610	21,130	15,945	5,180	9,940	7,530	2,410
Uterus (body, NOS)	31,610	—	31,610	18,540	—	18,540	8,450	—	8,450
Thyroid	30,930	6,515	24,410	19,240	4,125	15,120	8,625	1,935	6,695
Kidney and renal pelvis	24,175	14,435	9,740	15,195	9,205	5,995	7,480	4,500	2,980
Leukemia	22,510	13,040	9,470	14,620	8,505	6,120	7,150	4,180	2,970
Oral	19,510	12,835	6,675	12,145	8,070	4,080	5,960	4,005	1,950
Ovary	10,695	—	10,695	7,025	—	7,025	3,535	—	3,535
Cervix	10,200	—	10,200	5,500	—	5,500	2,480	—	2,480
Testis	7,935	7,935	—	4,210	4,210	—	1,755	1,755	—
Multiple myeloma	7,460	4,100	3,360	5,615	3,110	2,510	2,885	1,560	1,320
Stomach	7,420	4,625	2,790	5,170	3,250	1,920	3,045	1,955	1,095
Brain/CNS	7,385	4,015	3,370	4,790	2,680	2,110	2,735	1,580	1,155
Hodgkin lymphoma	7,160	3,890	3,270	3,905	2,100	1,805	1,685	900	785
Larynx [†]	5,575	4,625	955	3,415	2,830	585	1,645	1,375	275
Pancreas	3,750	1,845	1,905	3,140	1,560	1,575	2,320	1,165	1,155
Liver	2,985	2,245	745	2,295	1,725	575	1,455	1,080	370
Esophagus	2,740	2,035	710	2,165	1,610	555	1,485	1,130	355

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