

Supplementary Table 2. Projected age-standardized incidence rates (ASIR)* for selected cancers, by sex and province (excluding Quebec), 2022

	BC	AB	SK	MB	ON	QC†	NB	NS	PE	NL
Males										
All cancers‡	497.2	531.1	517.2	509.6	587.5		545.1	576.7	562.0	570.5
Prostate	112.4	122.9	112.6	104.1	120.3		113.4	117.0	124.0	104.3
Lung and bronchus	54.4	61.7	60.5	59.5	59.4		87.8	81.0	70.5	77.6
Colorectal	56.1	57.2	80.1	65.5	61.5		62.1	66.2	79.5	102.9
Bladder	41.4	42.5	38.6	36.7	43.9		40.8	43.5	40.3	40.9
Non-Hodgkin lymphoma	23.5	25.9	22.9	25.9	37.6		27.3	29.3	23.3	30.3
Head and neck	25.3	21.0	20.0	23.2	25.8		23.7	25.0	30.2	27.6
Kidney and renal pelvis	22.2	25.0	26.0	25.1	25.2		26.1	30.7	23.9	33.0
Melanoma	22.1	22.6	18.0	28.7	29.2		22.6	38.1	44.3	21.7
Leukemia	17.0	18.3	22.9	13.4	21.5		21.7	16.8	15.5	11.2
Pancreas	15.7	16.3	15.2	15.9	17.6		17.0	15.2	16.4	11.0
Liver	13.8	12.8	9.7	9.5	11.7		6.3	9.5	8.4	5.7
Stomach	9.5	9.8	11.2	11.5	13.8		12.1	9.6	13.1	15.0
Multiple myeloma	9.2	9.5	9.5	9.4	12.5		9.1	9.5	11.6	7.9
Esophagus	9.6	8.8	8.0	8.1	8.6		8.7	14.1	10.4	10.9
Brain/CNS	8.8	8.5	7.9	7.2	8.8		8.4	10.0	9.3	9.8
Thyroid	5.2	9.3	6.2	8.7	11.4		7.8	7.0	5.0	15.5
Testis	6.5	6.9	5.8	6.4	6.8		6.8	5.9	3.8	4.3
Hodgkin lymphoma	2.7	3.0	2.6	2.8	3.1		3.4	3.0	3.1	2.7
Breast	1.1	1.0	1.2	0.9	1.3		1.2	1.7	—	1.5
Females										
All cancers‡	419.5	473.5	452.9	473.5	511.5		468.2	481.6	469.4	538.1
Breast	116.9	141.9	122.1	122.2	132.3		118.6	121.1	114.0	133.6
Lung and bronchus	54.2	58.2	68.2	60.0	54.2		67.9	74.6	86.4	70.2
Colorectal	42.5	42.2	42.0	47.4	44.0		47.8	45.7	53.7	78.0
Uterus (body,NOS)	30.0	34.6	34.9	47.9	39.4		34.3	35.0	28.8	43.1
Thyroid	12.8	20.0	12.6	16.9	32.6		18.5	17.3	8.8	31.8
Non-Hodgkin lymphoma	16.2	17.3	19.3	18.8	23.6		20.6	18.1	14.7	21.9
Melanoma	17.5	20.3	21.4	19.8	21.0		22.2	30.0	36.8	18.7
Bladder	10.0	10.1	10.5	10.2	12.9		11.6	12.6	11.8	14.4
Pancreas	12.5	12.6	11.7	13.1	11.8		12.6	11.9	11.1	10.0
Ovary	11.1	10.3	11.6	11.6	15.8		10.8	11.8	13.0	12.2
Leukemia	9.8	12.4	13.1	11.4	12.5		16.4	10.2	9.9	8.3
Kidney and renal pelvis	9.6	12.2	14.8	11.4	10.9		14.9	16.7	11.9	15.8
Head and neck	8.0	7.4	7.4	9.4	9.6		7.9	8.5	11.4	7.7
Multiple myeloma	5.0	5.5	5.4	4.9	7.5		6.0	5.3	5.8	6.1
Cervix	7.4	8.5	10.1	6.8	7.2		7.6	5.8	9.0	10.5
Stomach	4.1	4.2	4.1	5.0	6.9		5.6	4.4	4.6	8.2
Brain/CNS	5.5	5.4	5.4	5.7	5.9		6.0	6.3	5.0	5.9
Liver	3.9	2.9	2.4	3.0	3.4		1.7	2.1	2.6	2.2
Esophagus	2.7	2.3	1.9	2.1	2.4		1.8	3.3	2.5	2.1

Appendix 2, as supplied by the authors. Appendix to: Brenner DR, Poirier A, Woods RR, et al. Projected estimates of cancer in Canada in 2022. *CMAJ* 2022. doi: 10.1503/cmaj.212097. Copyright © 2022 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

Hodgkin lymphoma	2.1	2.0	2.1	2.2	2.7		2.0	2.5	—	2.5
Both sexes										
All cancers[‡]	454.6	498.5	480.5	487.3	543.0		501.8	523.7	507.3	552.8
Lung and bronchus	54.0	59.7	64.3	59.5	56.3		76.2	77.0	77.3	72.5
Breast	61.2	73.3	62.5	63.6	69.7		61.9	64.5	59.6	70.0
Prostate	53.2	59.4	54.8	49.3	56.4		54.6	54.8	57.8	50.5
Colorectal	49.1	49.5	60.2	55.9	52.1		54.2	55.2	65.2	89.2
Bladder	24.5	25.1	23.3	22.4	26.9		25.0	26.3	22.9	27.0
Non-Hodgkin lymphoma	19.7	21.3	20.9	22.1	30.0		23.4	23.6	18.4	25.5
Melanoma	19.6	21.1	19.4	23.5	24.5		21.7	33.5	41.4	20.3
Uterus (body,NOS)	15.6	17.7	17.5	24.7	20.5		17.7	18.1	14.8	22.4
Kidney and renal pelvis	15.6	18.4	20.0	17.9	17.7		20.0	23.4	15.4	23.8
Head and neck	16.2	14.0	13.4	16.0	17.2		15.1	16.3	19.2	17.1
Pancreas	14.0	14.4	13.3	14.4	14.4		14.4	13.4	13.2	10.6
Leukemia	13.2	15.2	17.4	12.0	16.7		19.0	13.1	10.6	9.3
Thyroid	9.0	14.6	9.0	12.9	22.2		13.4	12.4	6.3	23.2
Stomach	6.6	6.8	7.6	8.0	10.0		8.8	6.5	7.4	11.4
Multiple myeloma	7.0	7.3	7.4	6.9	9.8		7.4	7.1	7.8	6.9
Liver	8.6	7.6	5.8	6.0	7.3		3.6	5.4	3.9	3.6
Brain/CNS	7.1	7.0	6.6	6.7	7.3		7.0	8.0	6.0	7.9
Ovary	5.7	5.3	5.9	6.1	8.3		5.4	6.3	6.3	6.3
Esophagus	6.0	5.4	4.9	5.0	5.3		4.8	8.3	5.4	5.9
Cervix	3.8	4.3	5.0	3.4	3.7		3.6	3.2	5.1	5.3
Testis	3.3	3.5	3.1	3.1	3.4		3.3	3.0	—	2.0
Hodgkin lymphoma	2.4	2.5	2.2	2.5	2.9		2.2	2.6	—	1.6

— Projected incidence rate based on fewer than 3 cases; CNS=central nervous system; NOS=not otherwise specified

* Rates are age-standardized to the 2011 Canadian standard population.

† Estimates for Quebec were not included because a different projection method was used for Quebec than the other regions, meaning the estimates are not comparable. For further details, see Canadian Cancer Statistics 2021.

‡ "All cancers" includes *in situ* bladder and excludes non-melanoma skin cancer (neoplasms, NOS; epithelial neoplasms, NOS; and basal and squamous).

Supplementary Table 3. Projected new cases for selected cancers, by sex and province, 2022

	BC	AB	SK	MB	ON	QC [†]	NB	NS	PE	NL
Males										
All cancers*	15,300	11,300	3,200	3,600	47,800	30,700	2,800	3,600	550	2,000
Prostate	3,600	2,700	720	750	10,200	4,700	620	770	130	400
Lung and bronchus	1,700	1,300	370	420	5,000	4,900	460	520	70	290
Colorectal	1,700	1,200	490	450	4,900	3,500	320	420	80	370
Bladder	1,300	880	230	260	3,600	3,100	220	280	40	150
Non-Hodgkin lymphoma	710	550	140	180	3,000	1,550	140	180	20	100
Head and neck	760	450	120	160	2,100	1,500	120	160	30	95
Kidney and renal pelvis	670	540	160	170	2,000	1,400	130	190	20	110
Melanoma	670	470	110	200	2,300	670	110	230	40	75
Leukemia	510	390	140	95	1,700	890	110	100	15	35
Pancreas	490	340	90	110	1,450	1,100	90	95	15	40
Liver	440	280	60	65	970	730	35	60	10	20
Stomach	290	200	70	80	1,100	690	65	60	10	55
Multiple myeloma	280	200	55	65	1,000	620	50	60	10	30
Esophagus	300	190	50	55	710	420	45	85	10	40
Brain/CNS	250	190	50	50	690	490	40	55	10	30
Thyroid	140	210	35	60	860	410	35	35	5	50
Testis	170	170	35	45	500	240	25	25	5	10
Hodgkin lymphoma	75	70	15	20	240	160	15	15	5	10
Breast	35	20	10	5	110	70	5	10	—	5
Females										
All cancers*	13,700	10,900	2,900	3,600	45,500	27,700	2,500	3,200	510	1,950
Breast	3,600	3,200	760	890	11,200	6,900	610	770	120	470
Lung and bronchus	1,950	1,400	470	480	5,300	4,100	400	560	100	290
Colorectal	1,450	980	280	360	4,000	2,700	280	310	60	290
Uterus (body,NOS)	960	780	220	340	3,400	1,750	190	230	30	150
Thyroid	350	450	75	110	2,500	1,050	80	90	10	95
Non-Hodgkin lymphoma	540	400	130	150	2,200	1,050	110	130	15	85
Melanoma	560	470	130	150	1,850	530	110	180	35	60
Bladder	350	240	70	80	1,250	1,000	70	90	15	55
Pancreas	440	300	80	110	1,150	840	80	90	15	40
Ovary	350	230	70	85	1,350	730	60	80	15	40
Leukemia	320	290	90	90	1,150	580	90	65	10	30
Kidney and renal pelvis	320	280	95	85	980	670	80	110	15	60
Head and neck	260	170	50	70	860	510	40	60	10	25
Multiple myeloma	180	130	35	40	710	370	35	40	5	25
Cervix	200	200	60	45	550	290	30	30	10	30

Stomach	140	100	30	40	640	390	35	30	5	30
Brain/CNS	170	130	35	40	510	360	30	40	5	20
Liver	130	65	15	25	330	240	10	15	5	10
Esophagus	95	55	15	15	230	120	10	25	5	10
Hodgkin lymphoma	55	45	10	15	210	110	10	10	—	5

— Fewer than 3 cases; CNS=central nervous system; NOS=not otherwise specified

* "All cancers" includes in situ bladder cancer and excludes non-melanoma skin cancer (neoplasms, NOS; epithelial neoplasms, NOS; and basal and squamous).

† Quebec projections are calculated differently from the other provinces and territories because actual data were only available to 2010 for Quebec, whereas they were available to 2017 for the other regions. For further details, see Canadian Cancer Statistics 2021.

Supplementary Table 4. Projected age-standardized mortality rates (ASMR)* for selected cancers, by sex and province, 2022

	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Males										
All cancers	199.9	197.0	215.1	229.6	204.5	224.6	231.4	257.8	228.0	253.6
Lung and bronchus	40.1	41.5	46.9	45.9	43.2	61.6	62.0	58.2	58.0	63.2
Colorectal	24.2	23.3	27.8	27.3	21.7	27.4	26.7	33.4	33.5	42.4
Prostate	22.5	24.8	28.7	29.1	21.9	20.7	22.3	28.2	23.9	27.0
Pancreas	13.7	13.3	13.2	14.0	13.7	13.8	14.6	14.3	12.9	12.6
Bladder	9.5	6.5	10.0	13.6	7.3	10.6	10.1	10.7	8.6	10.1
Esophagus	9.4	7.9	9.7	9.4	8.4	7.0	9.9	12.1	10.6	8.4
Leukemia	7.8	7.9	10.7	10.0	8.3	8.9	10.0	10.2	7.7	7.6
Non-Hodgkin lymphoma	7.9	7.6	7.9	7.8	8.2	8.0	8.8	9.5	8.9	9.6
Head and neck	6.9	5.9	5.8	5.5	7.5	7.3	6.3	8.2	7.3	6.7
Brain/CNS	7.0	6.7	5.2	5.4	6.8	7.3	6.6	7.4	5.3	7.1
Liver†	7.5	5.6	3.8	5.2	6.7	5.2	4.1	6.7	5.8	3.8
Kidney and renal pelvis	5.6	4.8	7.3	8.8	5.5	6.5	7.9	9.1	7.9	9.7
Stomach	4.7	4.8	4.7	5.3	6.3	6.7	6.0	5.6	5.7	9.6
Multiple myeloma	4.6	4.1	4.5	5.5	4.4	4.8	4.8	4.4	7.0	5.0
Melanoma	3.4	3.2	2.9	3.0	4.7	2.5	3.2	6.2	6.7	3.1
Thyroid	0.7	0.5	0.5	0.7	0.6	0.5	0.5	0.8	—	—
Hodgkin lymphoma	0.4	0.4	—	0.4	0.3	0.4	—	—	—	—
Breast	0.3	0.2	—	0.4	0.3	0.2	0.6	0.5	—	—
Testis	0.2	—	—	—	0.2	0.2	—	—	—	—
Females										
All cancers	150.4	149.9	163.4	162.7	150.2	173.2	164.5	185.6	154.9	184.2
Lung and bronchus	38.7	37.1	42.3	42.0	33.6	47.8	43.0	48.6	44.7	43.9
Breast	19.9	22.4	24.3	23.4	22.6	24.1	20.5	25.7	17.3	25.1
Colorectal	14.1	14.6	17.7	18.7	14.3	18.4	18.8	22.4	19.4	26.9
Pancreas	11.2	11.1	10.1	11.0	10.4	11.4	10.8	10.2	9.1	9.9
Ovary	9.4	7.2	8.8	8.9	7.7	7.9	7.8	9.1	8.7	8.8
Uterus (body,NOS)	5.1	5.8	5.3	6.7	6.2	5.9	5.5	6.5	4.8	5.7
Leukemia	5.3	4.3	5.2	5.6	5.0	5.6	6.0	5.4	4.0	5.3
Non-Hodgkin lymphoma	4.8	4.3	5.0	5.6	4.8	5.0	5.9	6.3	4.2	6.1

Brain/CNS	4.4	4.2	4.3	4.1	4.4	5.4	4.3	4.2	4.3	6.6
Stomach	2.4	2.6	2.4	2.4	3.0	3.4	3.3	2.4	2.0	3.9
Bladder	2.8	2.4	2.5	2.7	2.5	3.2	2.7	2.7	2.7	2.8
Multiple myeloma	2.6	2.4	2.9	3.2	2.6	2.9	3.5	3.1	3.2	3.2
Kidney and renal pelvis	2.2	2.0	3.6	3.3	2.4	2.9	3.6	4.0	3.9	4.6
Head and neck	2.5	1.9	1.7	2.3	2.1	2.6	1.9	2.4	2.9	2.1
Esophagus	2.7	2.0	2.2	2.2	2.1	1.8	2.4	2.7	3.0	1.9
Melanoma	1.6	1.6	1.7	1.5	2.0	1.8	2.2	2.3	3.2	1.5
Cervix	1.7	1.9	2.7	1.8	1.8	1.6	1.7	1.6	3.4	3.0
Liver†	1.9	1.4	0.9	1.3	1.4	1.3	1.0	1.3	—	1.0
Thyroid	0.6	0.6	0.5	0.6	0.5	0.5	0.4	0.7	—	0.7
Hodgkin lymphoma	0.2	0.2	—	—	0.2	0.3	—	—	—	—
Both sexes										
All cancers	172.4	169.8	185.8	191.4	173.4	195.1	193.7	216.8	185.9	215.0
Lung and bronchus	39.2	39.0	44.2	43.4	37.8	53.6	51.3	52.6	51.2	52.6
Colorectal	18.9	18.6	22.5	22.9	17.7	22.5	22.7	27.4	25.4	33.7
Pancreas	12.4	12.1	11.7	12.4	12.0	12.5	12.5	12.1	11.3	11.0
Breast	10.7	12.0	13.1	12.6	12.4	12.9	11.2	14.0	8.7	13.5
Prostate	9.8	10.4	12.0	12.0	9.3	8.9	9.4	11.7	9.0	11.6
Leukemia	6.3	5.8	7.7	7.4	6.4	7.1	7.4	7.6	4.9	5.5
Non-Hodgkin lymphoma	6.3	5.8	6.3	6.4	6.3	6.3	7.2	7.7	5.6	7.3
Bladder	5.8	4.2	5.5	6.9	4.5	6.4	5.7	5.8	4.0	5.8
Brain/CNS	5.7	5.4	4.8	4.4	5.5	6.3	5.1	5.7	3.6	6.4
Esophagus	5.9	4.8	5.7	5.5	5.0	4.2	5.6	7.0	6.9	5.0
Head and neck	4.5	3.7	3.6	3.9	4.6	4.8	4.0	5.1	4.2	4.0
Stomach	3.4	3.6	3.3	3.7	4.5	4.9	4.4	3.6	2.5	6.1
Ovary	4.9	3.8	4.6	4.7	4.2	4.1	3.9	5.0	4.4	4.6
Kidney and renal pelvis	3.8	3.3	5.5	5.8	3.8	4.5	5.7	6.2	4.5	6.5
Liver†	4.6	3.5	2.0	3.1	3.8	3.1	2.2	3.5	2.6	1.9
Multiple myeloma	3.5	3.1	3.5	4.2	3.4	3.8	4.0	3.5	4.0	3.8
Uterus (body,NOS)	2.7	3.1	2.8	3.6	3.3	3.1	2.9	3.6	2.6	3.1
Melanoma	2.4	2.3	2.1	2.3	3.2	2.1	2.6	3.9	3.4	2.0
Cervix	0.8	1.0	1.3	0.9	1.0	0.8	0.8	0.9	—	1.5
Thyroid	0.6	0.5	0.4	0.5	0.6	0.5	0.2	0.5	—	—
Hodgkin lymphoma	0.2	0.2	—	—	0.3	0.3	—	—	—	—
Testis	0.1	—	—	—	0.1	0.1	—	—	—	—

— Projected mortality rate based on fewer than 3 deaths; CNS=central nervous system; NOS=not otherwise specified

* Rates are age-standardized to the 2011 Canadian standard population.

† Liver cancer mortality was underestimated because deaths from liver cancer, unspecified (ICD-10 code C22.9), were excluded.

Supplementary Table 5. Projected deaths for selected cancers, by sex and province, 2022

	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL
Males										
All cancers	6,100	3,900	1,300	1,550	16,500	11,700	1,200	1,600	220	870
Lung and bronchus	1,250	850	290	320	3,600	3,300	330	380	60	230
Colorectal	730	470	170	180	1,750	1,400	140	210	30	150
Prostate	670	450	170	190	1,750	1,050	110	160	20	85
Pancreas	420	270	80	95	1,150	730	75	90	10	45
Bladder	290	120	60	85	570	540	50	65	10	30
Esophagus	290	170	60	65	690	370	50	75	10	30
Leukemia	240	150	65	70	670	460	50	60	10	25
Non-Hodgkin lymphoma	240	150	45	50	650	410	45	55	10	30
Head and neck	210	130	35	35	610	380	35	50	5	20
Brain/CNS	210	140	30	35	540	370	30	45	5	25
Liver*	240	120	25	35	550	280	25	40	5	15
Kidney and renal pelvis	170	100	45	60	440	330	40	55	10	35
Stomach	140	95	30	35	510	340	30	35	5	35
Multiple myeloma	140	80	25	40	360	250	25	25	5	20
Melanoma	100	65	20	20	380	130	15	40	5	10
Thyroid	20	10	5	5	50	25	5	5	—	—
Hodgkin lymphoma	10	10	—	5	25	20	—	—	—	—
Breast	10	5	—	5	25	10	5	5	—	—
Testis	5	—	—	—	15	10	—	—	—	—
Females										
All cancers	5,300	3,600	1,150	1,350	14,800	10,500	1,000	1,400	180	720
Lung and bronchus	1,400	880	300	350	3,400	2,900	270	370	55	180
Breast	680	520	170	180	2,100	1,350	120	180	20	95
Colorectal	510	350	130	160	1,450	1,150	120	170	25	110
Pancreas	400	260	70	90	1,050	700	65	75	10	40
Ovary	320	170	60	70	730	460	45	65	10	35
Uterus (body,NOS)	180	140	35	55	600	350	35	50	5	25
Leukemia	190	110	40	50	490	340	35	40	5	20
Non-Hodgkin lymphoma	170	100	35	45	480	310	35	50	5	25
Brain/CNS	140	100	30	30	400	290	25	30	5	25
Stomach	85	60	15	20	290	210	20	20	5	15
Bladder	100	60	20	25	270	210	15	20	5	10

Appendix 2, as supplied by the authors. Appendix to: Brenner DR, Poirier A, Woods RR, et al. Projected estimates of cancer in Canada in 2022. CMAJ 2022. doi: 10.1503/cmaj.212097. Copyright © 2022 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

Multiple myeloma	95	55	20	25	260	180	20	25	5	15
Kidney and renal pelvis	80	50	25	25	240	180	20	30	5	20
Head and neck	85	45	10	20	210	160	10	20	5	10
Esophagus	95	45	15	20	210	110	15	20	5	5
Melanoma	55	40	10	10	190	100	15	15	5	5
Cervix	50	45	15	10	150	80	10	10	5	10
Liver*	65	35	5	10	140	80	5	10	—	5
Thyroid	20	15	5	5	55	30	5	5	—	5
Hodgkin lymphoma	5	5	—	—	15	15	—	—	—	—

— Fewer than 3 deaths; CNS=central nervous system; NOS=not otherwise specified

† Liver cancer mortality was underestimated because deaths from liver cancer, unspecified (ICD-10 code C22.9), were excluded.