

TABLES

Table 1: 1-, 2- and 5-year net survival by histology group for people with primary central nervous system tumours, ages 15-99, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	Median survival length (month)	1-year		2-year		5-year	
		Net survival rate (%)	95% CI	Net survival rate (%)	95% CI	Net survival rate (%)	95% CI
Tumours of neuroepithelial tissue	13.3	53.4	52.3-54.4	36.5	35.5-37.5	25.7	24.8-26.7
Pilocytic astrocytoma	>96	95.5	90.4-98.0	94.4	88.8-97.2	89.0	82.2-93.3
Diffuse astrocytoma	38.2	70.2	65.6-74.4	60.7	55.8-65.2	44.7	39.7-49.5
Anaplastic astrocytoma	23.1	68.1	63.4-72.4	54.6	49.5-59.4	37.0	31.8-42.1
Unique astrocytoma variants	>96	71.7	60.2-80.4	64.0	52.2-73.7	56.9	44.2-67.8
Glioblastoma	8.1	38.9	37.6-40.2	16.1	15.1-17.1	4.9	4.3-5.5
Oligodendroglioma	>96	94.2	91.1-96.3	91.0	87.3-93.7	86.4	81.5-90.0
Anaplastic oligodendroglioma	63.5	80.1	75.2-84.2	69.5	63.9-74.4	55.2	48.9-61.0
Oligoastrocytic tumours	71.0	82.4	76.8-86.8	70.2	64.2-75.4	52.8	47.0-58.4
Ependymal tumours	>96	94.0	91.0-96.0	91.3	87.8-93.8	87.1	82.7-90.5
Glioma malignant, NOS	13.1	49.4	44.8-53.8	40.2	35.8-44.6	30.0	25.9-34.2
Choroid plexus tumours	>96	96.9	76.1-99.6	97.2	73.4-99.7	93.3	66.6-98.8
Neuronal and mixed neuronal-gliial tumours	>96	94.0	90.5-96.3	90.7	86.6-93.6	86.6	81.5-90.3
Tumours of the pineal region	>96	97.9	78.5-99.8	93.0	76.6-98.0	74.1	52.8-86.9
Embryonal tumours	68.8	79.5	70.4-86.0	68.4	58.6-76.4	57.0	46.6-66.1
Other neuroepithelial tumours	-	-	-	-	-	-	-
Tumours of cranial and spinal nerves	>96	98.6	97.7-99.1	98.4	97.4-99.1	98.4	96.6-99.2
Tumours of meninges	>96	92.9	92.2-93.6	90.8	90.0-91.6	85.5	84.2-86.6
Meningioma	>96	92.8	92.1-93.5	90.7	89.8-91.5	85.3	84.0-86.5
Mesenchymal tumours	>96	91.2	82.9-95.6	88.1	79.1-93.3	80.8	70.5-87.7
Primary melanocytic lesions	67.4	-	-	-	-	-	-
Other neoplasms related to the meninges	>96	96.3	93.2-98.0	95.3	91.7-97.4	90.9	85.6-94.3
Lymphomas and hematopoietic neoplasms	12.3	52.3	48.5-56.0	45.0	41.1-48.8	33.8	29.8-37.9
Lymphoma	12.2	52.1	48.2-55.8	44.8	40.9-48.6	34.1	30.1-38.2
Other hematopoietic neoplasms	24.5	-	-	-	-	-	-
Germ cell tumours, cysts, and heterotopias	>96	94.8	86.3-98.1	93.6	84.6-97.5	94.1	84.6-97.8
Tumours of sellar region	>96	97.4	96.6-97.9	96.5	95.6-97.2	95.1	93.7-96.2
Unclassified tumours	61.9	69.1	67.6-70.5	65.4	63.8-66.9	58.2	56.2-60.0
Total	>96	75.6	75.1-76.2	68.6	68.0-69.1	61.9	61.2-62.6

Table 2: 1- and 5-year net survival by histology group for people with primary malignant and non-malignant brain and other central nervous system tumours, ages 15-99, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	Malignant					Non-malignant				
	Median survival length (month)	1-year		5-year		Median survival length (month)	1-year		5-year	
		Net survival rate (%)	95% CI	Net survival rate (%)	95% CI		Net survival rate (%)	95% CI	Net survival rate (%)	95% CI
Tumours of neuroepithelial tissue	12.2	50.9	49.8-52.0	21.7	20.8-22.7	>96	96.3	94.1-97.7	91.1	87.6-93.6
Pilocytic astrocytoma	>96	95.5	90.4-97.9	89.0	82.2-93.3					
Diffuse astrocytoma	38.2	70.2	65.6-74.4	44.7	39.7-49.5					
Anaplastic astrocytoma	23.1	68.1	63.4-72.4	37.0	31.8-42.1					
Unique astrocytoma variants	25.3	62.1	48.4-73.2	44.0	30.4-56.7	>96	100.0*	-	100.0*	-
Glioblastoma	8.1	38.9	37.6-40.2	4.86	4.3-5.5					
Oligodendroglioma	>96	94.2	91.1-96.3	86.4	81.5-90.0					
Anaplastic oligodendroglioma	63.5	80.1	75.2-84.2	55.2	48.9-61.0					
Oligoastrocytic tumours	71.0	82.4	76.8-86.8	52.8	47.0-58.4					
Ependymal tumours	>96	92.7	88.0-95.6	81.6	75.0-86.7	>96	94.6	90.0-97.1	92.5	85.7-96.1
Glioma malignant, NOS	13.1	49.4	44.8-53.8	30.0	25.9-34.2					
Choroid plexus tumours	-	-	-	-	-	>96	96.9	76.1-99.6	98.3	41.1-100.0
Neuronal and mixed neuronal-glioma tumours	79.1	81.6	69.7-89.2	59.7	45.7-71.2	>96	97.2	94.0-98.7	89.2	84.0-92.8
Tumours of the pineal region	>96	100.0*	-	-	-	>96	94.0	57.8-99.3	-	-
Embryonal tumours	68.6	78.7	69.4-85.5	55.6	45.1-64.9	-	-	-	-	-
Other neuroepithelial tumours	-	-	-	-	-	-	-	-	-	-
Tumours of cranial and spinal nerves	>96	-	-	-	-	>96	98.6	97.7-99.1	98.4	5.59-99.23
Tumours of meninges	58.0	82.0	75.5-87.0	53.0	45.1-60.2	>96	93.0	92.3-93.6	85.8	84.6-87.0
Meningioma	54.1	83.6	75.8-89.1	54.3	44.6-63.1	>96	92.7	92.0-93.4	85.4	4.05-86.59
Mesenchymal tumours	>96	85.3	69.3-93.3	59.6	42.9-72.8	>96	93.8	84.1-97.7	89.2	76.9-95.1
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	59.1	-	-	-	-	>96	97.2	94.2-98.7	93.8	88.7-96.7
Lymphomas and hematopoietic neoplasms	12.3	52.5	48.7-56.2	33.9	29.9-38.0	-	-	-	-	-
Lymphoma	12.2	52.2	48.3-55.9	34.1	30.1-38.2					
Other hematopoietic neoplasms	24.5	-	-	-	-	-	-	-	-	-
Germ cell tumours, cysts, and heterotopias	>96	92.0	79.8-96.9	90.2	77.3-95.9	>96	100.0*	-	100.0*	-
Tumours of sellar region	>96	-	-	-	-	>96	97.4	96.7-98.0	95.1	93.7-96.2
Unclassified tumours	2.3	20.3	17.2-23.5	12.9	10.3-15.9	88.4	75.7	74.3-77.1	62.9	60.9-64.9
Total	11.6	49.7	48.7-50.7	23.0	22.1-23.9	>96	90.3	89.8-90.8	83.7	82.9-84.5

Notes: 100.0* indicates the estimated net survival rate is greater than 100%. Tumours defined as malignant are blacked out in the non-malignant section.

Table 3: 1-, 2- and 5-year net survival by histology group and sex for people with primary central nervous system tumours, ages 15-99, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	Males							Females						
	Median survival length (month)	1-year		2-year		5-year		Median survival length (month)	1-year		2-year		5-year	
		Net survival rate (%)	95% CI	Net survival rate (%)	95% CI	Net survival rate (%)	95% CI		Net survival rate (%)	95% CI	Net survival rate (%)	95% CI	Net survival rate (%)	95% CI
Tumours of neuroepithelial tissue	12.9	52.6	51.2-54.0	35.6	34.3-37.0	25.1	23.9-26.4	14.0	54.5	52.9-56.1	37.7	36.1-39.2	26.6	25.1-28.0
Pilocytic astrocytoma	>96	95.4	87.7-98.3	94.4	86.3-97.8	91.7	82.6-96.1	>96	95.5	85.7-98.7	94.2	83.6-98.1	84.8	72.1-92.0
Diffuse astrocytoma	39.3	67.2	60.8-72.7	59.0	52.5-64.9	43.8	37.5-49.9	34.3	74.4	67.3-80.2	62.9	55.1-69.6	45.8	37.6-53.6
Anaplastic astrocytoma	18.9	66.5	60.0-72.2	55.3	48.4-61.7	34.5	27.2-41.8	27.4	70.3	63.0-76.4	54.0	46.2-61.0	39.2	31.8-46.4
Unique astrocytoma variants	>96	64.1	49.0-75.8	62.2	46.8-74.2	54.4	37.2-68.7	78.5	84.1	64.3-93.4	67.8	47.7-81.6	60.5	39.9-76.0
Glioblastoma	8.3	38.6	36.9-40.3	15.4	14.2-16.7	4.7	3.9-5.5	7.8	39.3	37.3-41.3	17.1	15.6-18.7	5.2	4.2-6.2
Oligodendroglioma	>96	94.1	89.7-96.7	91.6	86.6-94.7	86.7	80.1-91.3	>96	94.4	88.9-97.3	90.0	83.3-94.1	85.8	77.8-91.1
Anaplastic oligodendroglioma	63.5	80.6	74.1-85.6	69.1	61.8-75.4	55.1	47.0-62.5	60.0	79.5	71.2-85.6	70.1	61.0-77.5	55.4	45.3-64.3
Oligoastrocytic tumours	71.0	80.7	72.5-86.6	67.5	59.1-74.5	52.4	44.4-59.8	71.0	84.5	75.8-90.3	73.7	64.6-80.8	53.4	44.6-61.4
Ependymal tumours	>96	91.9	87.3-94.9	89.7	84.5-93.2	85.9	79.3-90.5	>96	96.9	92.5-98.7	93.5	88.3-96.4	88.9	82.5-93.0
Glioma malignant, NOS	14.2	49.8	43.6-55.7	41.8	35.8-47.6	30.6	25.2-36.3	11.4	48.9	41.8-55.5	38.1	31.4-44.7	29.1	23.0-35.4
Choroid plexus tumours	>96	92.3	52.6-99.0	92.8	49.9-99.2	93.4	45.3-99.4	>96	100.0*	-	100.0*	-	95.2	51.3-99.6
Neuronal and mixed neuronal-glioma tumours	>96	94.5	89.4-97.2	92.6	87.0-95.8	90.9	84.4-94.7	>96	93.4	87.3-96.7	88.2	80.9-92.8	80.8	72.0-87.1
Tumours of the pineal region	>96	100.0*	-	96.1	61.7-99.7	-	-	>96	93.5	58.4-99.2	88.2	57.1-97.2	-	-
Embryonal tumours	63.2	78.3	67.0-86.2	69.2	57.3-78.4	55.1	42.2-66.2	>96	81.9	63.9-91.5	66.6	47.6-80.0	60.4	41.4-75.0
Other neuroepithelial tumours	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tumours of cranial and spinal nerves	>96	98.1	96.7-98.9	98.4	96.5-99.2	98.5	94.9-99.6	>96	99.0	97.8-99.6	98.5	96.9-99.3	98.2	95.7-99.3
Tumours of meninges	>96	90.7	89.3-92.0	87.8	86.1-89.3	81.6	79.1-83.8	>96	93.9	93.2-94.7	92.3	91.3-93.1	87.3	85.8-88.6
Meningioma	>96	90.3	88.7-91.6	87.2	85.4-88.9	81.0	78.3-83.4	>96	93.9	93.1-94.6	92.2	91.2-93.0	87.2	85.7-88.5
Mesenchymal tumours	>96	96.8	82.3-99.5	89.9	76.0-95.9	81.1	64.6-90.4	>96	86.3	72.7-93.5	86.8	72.9-93.8	80.8	66.2-89.6
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	>96	95.1	90.1-97.6	94.0	88.2-97.0	89.7	81.5-94.4	>96	97.8	92.6-99.3	96.9	91.1-98.9	92.4	84.4-96.4
Lymphomas and hematopoietic neoplasms	12.0	52.8	47.6-57.8	45.5	40.3-50.6	35.1	29.7-40.6	13.9	51.7	45.9-57.2	44.3	38.5-50.0	32.4	26.5-38.4
Lymphoma	12.0	52.7	47.4-57.6	45.2	40.0-50.4	34.9	29.5-40.4	12.7	51.3	45.5-56.9	44.2	38.4-49.9	33.2	27.2-39.2
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germ cell tumours, cysts, and heterotopias	>96	94.5	83.6-98.2	94.6	83.6-98.3	95.0	83.4-98.6	>96	95.7	68.0-99.5	90.9	64.4-97.9	91.7	62.6-98.4
Tumours of sellar region	>96	97.4	96.2-98.2	96.5	95.0-97.5	95.1	92.8-96.7	>96	97.3	96.3-98.1	96.5	95.2-97.4	95.2	93.3-96.6
Unclassified tumours	47.7	65.6	63.3-67.8	61.6	59.2-63.9	54.1	51.1-56.9	70.7	71.7	69.8-73.5	68.2	66.1-70.1	61.2	58.6-63.6
Total	70.6	71.2	70.4-72.0	62.7	61.8-63.6	55.6	54.6-56.6	>96	79.5	78.8-80.1	73.7	72.9-74.4	67.4	66.4-68.3

Notes: 100.0* indicates that the estimated net survival rate is greater than 100%.

Table 4: Median Survival Length (MSL), 1- and 5-year net survival rate (NSR) by histology group and sex for people with primary malignant and non-malignant brain and other central nervous system tumours, ages 15-99, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	Malignant										Non-malignant							
	Males					Females					Males				Females			
	MSL (month)	NSR (%)	95% CI	NSR (%)	95% CI	MSL (month)	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI
Tumours of neuroepithelial tissue	11.9	50.1	48.7-51.5	21.2	20.1-22.4	12.6	52.1	50.4-53.7	22.45	21.0-23.9	96.4	93.2-98.1	91.4	86.3-94.7	96.2	92.3-98.1	90.5	85.0-94.1
Pilocytic astrocytoma	>96	95.4	87.7-98.3	91.7	82.6-96.1	>96	95.5	85.7-98.7	84.8	72.1-92.0								
Diffuse astrocytoma	39.3	67.2	60.8-72.7	43.8	37.5-49.9	34.3	74.4	67.3-80.2	45.8	37.6-53.6								
Anaplastic astrocytoma	18.9	66.5	60.0-72.2	34.5	27.2-41.8	27.4	70.3	63.0-76.4	39.2	31.8-46.4								
Unique astrocytoma variants	25.3	52.9	35.9-67.3	40.9	23.3-57.7	31.9	77.8	52.9-90.6	-	-	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*
Glioblastoma	8.3	38.6	36.9-40.3	4.7	3.9-5.5	7.8	39.3	37.3-41.3	5.2	4.2-6.2								
Oligodendroglioma	>96	94.1	89.7-96.7	86.7	80.1-91.3	>96	94.4	88.9-97.3	85.8	77.8-91.1								
Anaplastic oligodendroglioma	63.5	80.6	74.1-85.6	55.1	47.0-62.5	60.0	79.5	71.2-85.6	55.4	45.3-64.3								
Oligoastrocytic tumours	71.0	80.7	72.5-86.6	52.4	44.4-59.8	71.0	84.5	75.8-90.3	53.4	44.6-61.4								
Ependymal tumours	>96	90.0	82.4-94.4	82.2	72.4-88.8	>96	95.5	88.6-98.3	80.7	70.6-87.7	93.7	87.1-97.0	89.8	79.3-95.1	96.2	87.4-98.9	96.5	85.0-99.2
Glioma malignant, NOS	14.2	49.8	43.6-55.7	30.6	25.2-36.3	11.4	48.9	41.8-55.5	29.1	23.0-35.4								
Choroid plexus tumours	>96	-	-	-	-	-	-	-	-	-	92.3	52.6-99.0	93.4	45.3-99.4	100.0*	-	100.0*	-
Neuronal and mixed neuronal-glioma tumours	>96	79.9	62.7-89.8	69.0	49.6-82.2	39.1	83.6	63.9-93.1	48.5	28.5-65.9	98.2	93.5-99.5	92.2	85.1-96.0	95.7	89.2-98.3	85.3	76.0-91.2
Tumours of the pineal region	49.5	100.0*	-	-	-	-	100.0*	-	-	-	- 100.0*	-	-	-	-	-	-	-
Embryonal tumours	56.9	77.7	66.1-85.8	54.0	41.0-65.2	>96	80.9	62.1-91.0	58.8	39.5-73.8								
Other neuroepithelial tumours	>96	-	-	-	-	-	-	-	-	-								
Tumours of cranial and spinal nerves	-	-	-	-	-	-	-	-	-	-								
Tumours of meninges	34.1	82.3	72.1-89.1	43.9	32.5-54.8	81.4	81.9	72.6-88.3	60.1	49.3-69.2	90.7	89.3-92.0	82.5	80.0-84.7	94.0	93.2-94.7	87.3	85.9-88.7
Meningioma	34.1	84.7	72.3-91.8	47.4	32.5-60.9	72.7	82.9	71.6-90.0	59.2	46.1-70.1	90.11	88.5-91.5	81.3	78.6-83.7	93.9	93.0-94.6	87.1	85.6-88.5
Mesenchymal tumours	35.2	95.5	61.6-99.6	-	-	>96	79.1	56.3-90.9	67.9	44.7-83.0	95.6	77.9-99.2	92.4	68.1-98.4	91.9	75.0-97.6	85.9	67.5-94.3
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-								
Other neoplasms related to the meninges	-	-	-	-	-	-	-	-	-	-	96.7	91.8-98.7	93.8	85.2-97.5	97.8	92.6-99.3	94.0	86.2-97.5
Lymphomas and hematopoietic neoplasms	12.0	52.8	47.6-57.8	35.1	29.7-40.6	13.9	52.1	46.4-57.5	32.6	26.7-38.6								
Lymphoma	12.0	52.7	47.4-57.6	34.9	29.5-40.4	12.7	51.6	45.8-57.1	33.1	27.2-39.2								
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-	-	-								
Germ cell tumours, cysts, and heterotopias	>96	93.4	80.7-97.9	93.7	80.5-98.1	-	-	-	-	-	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*	- 100.0*
Tumours of sellar region	-	-	-	-	-	-	-	-	-	-	97.46	96.3-98.3	95.1	92.8-96.6	97.4	96.3-98.1	95.2	93.3-96.6
Unclassified tumours	2.1	20.7	16.3-25.4	14.2	10.3-18.7	2.4	19.9	15.8-24.4	11.8	8.4-15.8	72.6	70.4-74.7	58.5	55.4-61.5	78.0	76.2-79.7	66.1	63.4-68.6
Total	11.5	49.4	48.1-50.7	22.6	21.5-23.8	11.8	50.2	48.7-51.7	23.5	22.2-24.8	88.9	88.1-89.7	82.1	80.8-83.4	91.2	90.6-91.8	84.8	83.7-85.7

Notes: 100.0* indicates the estimated net survival rate is greater than 100%. MSL = median survival length; NSR = net survival rate. The MSL of non-malignant tumours is not shown in this table due to the length limitation. Except for the MSL of non-malignant unclassified tumours in males is 74.2 months, other non-malignant tumours in both males and females are greater than 96 months. Tumours defined as malignant are blacked out in the non-malignant section.

Table 5: 1- and 5-year net survival rate (NSR) by histology and age group for people with primary central nervous system tumours, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	0 to 14 years				15 to 39 years				40 to 64 years				65 to 99 years			
	1-year		5-year		1-year		5-year		1-year		5-year		1-year		5-year	
	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI
Tumours of neuroepithelial tissue	87.0	84.5-89.2	76.3	73.3-79.1	92.2	90.7-93.5	74.2	71.8-76.5	63.2	61.7-64.7	25.0	23.6-26.4	26.5	25.0-28.0	5.7	4.9-6.6
Pilocytic astrocytoma	100.0*	-	100.0*	-	98.0	91.9-99.5	92.0	84.3-96.0	93.3	79.6-97.9	89.8	74.0-96.2	-	-	-	-
Diffuse astrocytoma	84.5	68.7-92.7	74.4	58.6-85.0	93.5	88.2-96.5	77.6	69.6-83.7	71.6	64.5-77.6	38.7	31.7-45.6	28.0	19.1-37.5	4.3	1.0-11.7
Anaplastic astrocytoma	-	-	19.2	5.0-40.3	87.3	80.3-91.9	66.3	56.8-74.1	71.0	63.7-77.2	28.9	21.5-36.6	39.4	29.9-48.7	11.4	4.6-21.6
Unique astrocytoma variants	89.6	64.3-97.3	85.0	60.2-94.9	91.5	75.8-97.2	89.0	72.7-95.8	62.3	41.2-77.7	-	-	-	-	-	-
Glioblastoma	43.8	28.5-58.1	10.3	2.9-23.3	78.9	73.4-83.4	28.0	21.9-34.5	52.7	50.8-54.7	6.1	5.1-7.2	22.7	21.2-24.3	1.7	1.2-2.4
Oligodendroglioma	-	-	-	-	99.4	94.6-99.9	93.1	85.6-96.7	93.8	88.8-96.6	85.8	78.9-90.5	68.9	47.4-83.1	-	-
Anaplastic oligodendroglioma	-	-	-	-	94.5	85.9-97.9	77.4	65.5-85.7	83.7	77.5-88.4	56.5	48.2-63.9	47.9	33.7-60.7	19.5	8.6-33.6
Oligoastrocytic tumours	-	-	-	-	96.8	90.0-99.0	75.5	66.8-82.2	81.2	72.9-87.2	47.3	39.2-55.0	44.1	24.9-61.7	5.8	1.1-16.9
Ependymal tumours	96.3	88.9-98.8	79.3	68.3-86.8	99.3	94.0-99.9	93.0	86.5-96.5	95.0	90.8-97.3	88.7	82.7-92.7	83.7	72.6-90.6	74.1	58.3-84.7
Glioma malignant, NOS	71.6	63.0-78.6	54.3	45.6-62.2	87.2	79.2-92.2	69.3	60.1-76.9	66.8	58.4-73.9	37.3	29.3-45.2	20.3	15.3-25.9	6.4	3.6-10.4
Choroid plexus tumours	100.0*	-	92.1	71.6-98.0	100.0*	-	-	-	94.6	64.4-99.3	95.7	55.0-99.7	-	-	-	-
Neuronal and mixed neuronal-glia	98.8	91.1-99.8	98.8	90.6-99.9	98.3	94.5-99.5	95.2	90.6-97.6	91.1	83.2-95.4	80.5	70.0-87.7	81.9	62.7-91.9	-	-
Tumours of the pineal region	-	-	-	-	100.0*	-	100.0*	-	100.0*	-	-	-	-	-	-	-
Embryonal tumours	86.9	80.9-91.1	72.7	65.5-78.8	90.6	80.2-95.7	67.1	53.8-77.3	78.6	60.0-89.2	54.8	34.7-71.1	-	-	-	-
Other neuroepithelial tumours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tumours of cranial and spinal nerves	100.0*	-	100.0*	-	99.3	97.6-99.8	98.4	96.0-99.4	99.2	98.3-99.7	98.6	96.8-99.4	96.5	93.6-98.1	98.1	83.5-99.8
Tumours of meninges	86.9	64.6-95.6	72.7	51.0-85.9	98.3	96.8-99.1	97.0	95.0-98.2	97.2	96.6-97.8	92.1	91.0-93.2	87.4	86.1-88.7	76.2	73.7-78.5
Meningioma	100.0*	-	100.0*	-	98.8	97.1-99.5	98.1	96.0-99.1	97.2	96.6-97.8	92.5	91.4-93.6	87.4	86.0-88.7	75.9	73.3-78.2
Mesenchymal tumours	-	-	-	-	87.4	58.3-96.7	-	-	96.4	84.3-99.2	82.2	68.7-90.3	84.1	62.9-93.7	81.3	53.6-93.34
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	-	-	-	-	100.0*	-	98.0	90.0-99.6	97.3	92.9-99.0	87.7	79.6-92.7	89.8	78.6-95.3	89.5	68.5-96.8
Lymphomas and hematopoietic neoplasms	-	-	-	-	73.8	56.7-85.0	67.2	49.0-80.2	70.8	64.8-75.9	50.5	43.4-57.2	37.9	33.0-42.8	19.2	14.8-24.1
Lymphoma	-	-	-	-	74.4	56.5-85.8	67.8	49.0-80.9	70.8	64.8-75.9	50.5	43.3-57.2	37.7	32.8-42.6	19.8	15.4-24.7
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germ cell tumours, cysts, and heterotopias	91.2	80.1-96.3	89.3	77.6-95.1	94.7	84.2-98.3	93.1	81.9-97.5	93.8	60.0-99.2	95.6	41.8-99.8	-	-	-	-
Tumours of sellar region	98.2	87.6-99.7	94.9	84.7-98.3	99.7	98.7-99.9	98.9	97.5-99.5	98.3	97.4-98.8	96.8	95.4-97.8	94.3	92.2-95.8	89.6	85.1-92.8
Unclassified tumours	93.4	87.6-96.5	92.7	86.7-96.2	96.8	94.9-98.0	94.5	92.1-96.2	84.5	82.3-86.5	75.8	73.2-78.2	56.8	54.8-58.7	42.9	40.2-45.6
Total	88.7	86.6-90.4	80.2	77.7-82.4	95.9	95.2-96.5	88.0	86.9-89.0	84.0	83.3-84.7	68.0	67.1-68.9	60.5	59.5-61.4	46.8	45.6-48.1

Notes: 100.0* indicates the estimated net survival rate is greater than 100%. NSR = net survival rate.

Table 6: Median Survival Length (MSL), 1- and 5-year net survival rates (NSR) by histology and age group for people with primary malignant brain and other central nervous system tumours, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	0 to 14 years					15 to 39 years					40 to 64 years					65 to 99 years								
	MSL (month)	1-year			5-year		MSL (month)	1-year			5-year		MSL (month)	1-year			5-year		MSL (month)	1-year			5-year	
		NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)		95% CI	NSR (%)	95% CI	NSR (%)	95% CI		NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)		95% CI	NSR (%)	95% CI	NSR (%)	95% CI
Tumours of neuroepithelial tissue	>96	85.2	82.3-87.7	72.8	69.3-76.0	>96	91.0	89.2-92.5	69.7	66.9-72.3	15.8	61.4	59.8-63.0	21.6	20.2-23.0	4.9	25.6	24.1-27.1	4.4	3.6-5.2				
Pilocytic astrocytoma	>96	100.0*	-	100.0*	-	>96	98.0	91.9-99.5	92.0	84.3-96.0	>96	93.3	79.6-97.9	89.8	74.0-96.2	-	-	-	-	-				
Diffuse astrocytoma	>96	84.5	68.7-92.7	74.4	58.6-85.0	>96	93.5	88.2-96.5	77.6	69.6-83.7	37.5	71.6	64.5-77.6	38.7	31.7-45.6	4.5	28.0	19.1-37.5	4.3	1.0-11.7				
Anaplastic astrocytoma	11.0	-	-	19.2	5.0-40.3	81.6	87.3	80.3-91.9	66.3	56.8-74.1	18.5	71.0	63.7-77.2	28.9	21.5-36.6	5.4	39.4	29.9-48.7	11.4	4.6-21.6				
Unique astrocytoma variants	-	-	-	-	-	>96	84.6	59.4-94.8	80.7	55.9-92.4	14.6	-	-	-	-	3.3	-	-	-	-				
Glioblastoma	11.1	43.8	28.5-58.1	10.3	2.9-23.3	26.2	78.9	73.4-83.4	28.0	21.9-34.5	12.3	52.7	50.8-54.7	6.1	5.1-7.2	4.8	22.7	21.2-24.3	1.7	1.2-2.4				
Oligodendroglioma	-	-	-	-	-	>96	99.4	94.6-99.9	93.1	85.6-96.7	>96	93.8	88.8-96.6	85.8	78.9-90.5	17.5	68.9	47.4-83.1	-	-				
Anaplastic oligodendroglioma	-	-	-	-	-	>96	94.5	85.9-97.9	77.4	65.5-85.7	64.0	83.7	77.5-88.4	56.5	48.2-63.9	11.2	47.9	33.7-60.7	19.5	8.6-33.6				
Oligoastrocytic tumours	-	-	-	-	-	>96	96.8	90.0-99.0	75.5	66.8-82.2	55.4	81.2	72.9-87.2	47.3	39.2-55.0	7.2	44.1	24.9-61.7	5.8	1.1-16.9				
Ependymal tumours	>96	95.9	87.6-98.7	78.7	67.0-86.6	>96	100.0*	-	90.1	79.7-95.3	>96	91.8	84.4-95.8	82.0	72.2-88.6	>96	84.5	69.2-92.6	68.5	48.1-82.3				
Glioma malignant, NOS	>96	71.6	63.0-78.6	54.3	45.6-62.2	>96	87.2	79.2-92.2	69.3	60.1-76.9	27.1	66.8	58.4-73.9	37.3	29.3-45.2	3.3	20.3	15.3-25.9	6.4	3.6-10.4				
Choroid plexus tumours	-	-	-	-	-	-	-	-	-	-	>96	-	-	-	-	-	-	-	-	-				
Neuronal and mixed neuronal-glial tumours	-	-	-	-	-	>96	100.0*	-	85.4	51.7-96.3	>96	78.4	59.6-89.2	58.4	39.3-73.4	24.7	-	-	-	-				
Tumours of the pineal region	44.5	-	-	-	-	-	100.0*	-	100.0*	-	-	100.0*	-	-	-	-	-	-	-	-				
Embryonal tumours	>96	86.9	80.9-91.1	72.7	65.3-78.8	>96	90.4	79.7-95.6	66.6	53.2-77.0	40.3	77.1	57.7-88.5	-	-	-	-	-	-	-				
Other neuroepithelial tumours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>96	-	-	-	-				
Tumours of cranial and spinal nerves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Tumours of meninges	44.6	-	-	-	-	>96	72.2	48.3-86.4	68.8	45.4-83.8	81.4	85.7	76.4-91.5	52.2	41.4-62.0	34.1	80.4	68.8-88.1	48.7	35.1-61.0				
Meningioma	-	-	-	-	-	>96	-	-	-	-	81.4	85.0	72.8-92.0	55.0	41.2-66.9	34.1	83.0	70.4-90.5	49.2	33.9-62.8				
Mesenchymal tumours	-	-	-	-	-	>96	-	-	-	-	>96	95.8	70.2-99.5	-	-	>96	-	-	-	-				
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Other neoplasms related to the meninges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lymphomas and hematopoietic neoplasms	-	-	-	-	-	>96	73.8	56.7-85.0	67.2	49.0-80.2	51.5	71.1	65.2-76.2	50.9	43.8-57.6	5.6	38.0	33.1-42.9	19.1	14.7-24.0				
Lymphoma	-	-	-	-	-	>96	74.4	56.5-85.8	67.8	49.0-80.9	51.5	71.1	65.2-76.2	50.9	43.7-57.6	5.6	37.6	32.7-42.5	19.5	15.1-24.3				
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Germ cell tumours, cysts, and heterotopias	>96	87.7	72.9-94.7	85.2	69.8-93.1	>96	93.6	81.2-97.9	91.7	78.5-96.9	-	-	-	-	-	>96	-	-	-	-				
Tumours of sellar region	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Unclassified tumours	>96	-	-	-	-	>96	72.1	53.2-84.4	62.4	43.2-76.7	13.7	50.2	40.7-59.0	36.0	27.1-45.0	1.8	10.4	7.8-13.4	5.0	3.2-7.6				
Total	>96	84.5	81.7-86.9	72.8	69.4-75.8	>96	89.8	88.0-91.3	70.3	67.7-72.7	16.5	62.3	60.8-63.7	24.4	23.1-25.8	4.5	25.9	24.6-27.2	6.8	6.0-7.7				

Notes: 100.0* indicates the estimated net survival rate is greater than 100%. MSL = median survival length; NSR = net survival rate.

Table 7: 1- and 5-year net survival rates (NSR) by selected histology and age group for people with primary non-malignant brain and other central nervous system tumours, Canada (excluding Quebec), 2010-2017

Histology group (major/specific)	0 to 14 years				15 to 39 years				40 to 64 years				65 to 99 years			
	1-year		5-year		1-year		5-year		1-year		5-year		1-year		5-year	
	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI	NSR (%)	95% CI
Tumours of neuroepithelial tissue	98.3	93.1-99.6	96.8	91.4-98.8	98.1	95.4-99.2	94.7	90.9-97.0	96.9	93.1-98.7	90.0	84.0-93.9	86.5	73.2-93.4	78.8	57.8-90.1
Unique astrocytoma variants	90.0	47.3-98.5	90.1	47.1-98.6	100.0*	-	100.0*	-	-	-	-	-	-	-	-	-
Ependymal tumours	100.0*	-	-	-	98.4	88.2-99.8	96.7	85.5-99.3	97.4	90.8-99.3	94.7	85.8-98.1	80.8	61.7-91.0	-	-
Choroid plexus tumours	100.0*	-	100.0*	-	100.0*	-	100.0*	-	94.6	64.4-99.3	95.7	55.0-99.7	-	-	-	-
Neuronal and mixed neuronal-gliial tumours	98.8	91.0-99.8	97.6	90.3-99.4	97.6	93.6-99.1	93.2	88.0-96.2	96.1	87.3-98.9	83.4	70.2-91.1	96.6	31.6-99.9	-	-
Tumours of cranial and spinal nerves	100.0*	-	100.0*	-	99.8	97.3-100.0	98.9	96.4-99.7	99.1	98.2-99.6	98.7	96.8-99.4	96.3	93.4-98.0	97.7	86.3-99.6
Tumours of meninges	100.0*	-	100.0*	-	99.4	98.1-99.8	97.8	95.9-98.8	97.2	96.5-97.7	92.5	91.4-93.5	87.3	85.9-88.6	76.4	73.9-78.7
Meningioma	100.0*	-	100.0*	-	99.2	97.7-99.7	98.0	95.8-99.1	97.1	96.4-97.7	92.6	91.4-93.6	87.2	85.8-88.5	75.9	73.3-78.3
Mesenchymal tumours	-	-	-	-	100.0*	-	90.8	47.6-98.8	95.1	79.9-98.9	89.7	73.4-96.2	88.9	63.5-97.0	-	-
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	-	-	-	-	100.0*	-	98.0	89.9-99.6	98.5	94.0-99.6	91.5	83.9-95.6	91.3	80.2-96.3	94.6	61.3-99.4
Germ cell tumours, cysts, and heterotopias	94.6	67.0-99.2	94.7	66.7-99.3	100.0*	-	100.0*	-	100.0*	-	100.0*	-	-	-	-	-
Tumours of sellar region	98.2	87.6-99.7	94.8	84.5-98.3	99.7	98.7-99.9	98.9	97.5-99.5	98.3	97.4-98.9	96.8	95.5-97.8	94.3	92.2-95.9	89.5	85.0-92.7
Unclassified tumours	96.6	91.8-98.6	95.8	90.7-98.2	97.8	96.1-98.7	93.5	91.0-95.4	85.3	83.3-87.2	73.9	71.3-76.4	65.5	63.4-67.5	49.6	46.5-52.6
Total	97.6	95.3-98.8	96.3	93.8-97.8	99.0	98.6-99.4	97.1	96.2-97.7	95.7	95.2-96.1	91.2	90.4-91.9	81.6	80.6-82.6	70.8	69.1-72.4

Notes: 100.0* indicates the estimated net survival rate is greater than 100%. NSR = net survival rate.

Table 8: Person-based eight-year limited-duration prevalent counts and prevalence proportions (PP, per 100,000) for primary central nervous system tumours by histology group and behaviour, Canada, January 1, 2018

Histology group	All primary CNS tumors			Malignant primary CNS tumors			Non-malignant primary CNS tumors		
	Persons	PP	95% CI of PP	Persons	PP	95% CI of PP	Persons	PP	95% CI of PP
Tumours of neuroepithelial tissue	7495	20.4	19.9-20.8	6265	17.0	16.6-17.5	1230	3.3	3.2-3.5
Pilocytic astrocytoma	655	1.8	1.7-1.9	655	1.8	1.7-1.9			
Diffuse astrocytoma	525	1.4	1.3-1.6	525	1.4	1.3-1.6			
Anaplastic astrocytoma	360	1.0	0.9-1.1	360	1.0	0.9-1.1			
Unique astrocytoma variants	135	0.4	0.3-0.4	70	0.2	0.2-0.2	60	0.2	0.1-0.2
Glioblastoma	1850	5.0	4.8-5.3	1850	5.0	4.8-5.3			
Oligodendroglioma	570	1.6	1.4-1.7	570	1.6	1.4-1.7			
Anaplastic oligodendroglioma	345	0.9	0.8-1.0	345	0.9	0.8-1.0			
Oligoastrocytic tumours	320	0.9	0.8-1.0	320	0.9	0.8-1.0			
Ependymal tumours	870	2.4	2.2-2.5	475	1.3	1.2-1.4	390	1.1	1.0-1.2
Glioma malignant, NOS	550	1.5	1.4-1.6	550	1.5	1.4-1.6			
Choroid plexus tumours	100	0.3	0.2-0.3	10	0.03	0.01-0.1	95	0.3	0.2-0.3
Neuronal and mixed neuronal-glial tumours	735	2.0	1.9-2.2	105	0.3	0.2-0.4	630	1.7	1.6-1.8
Tumours of the pineal region	70	0.2	0.2-0.2	40	0.1	0.1-0.2	30	0.1	0.1-0.1
Embryonal tumours	395	1.1	1.0-1.2	385	1.1	0.9-1.2	10	0.03	0.01-0.1
Other neuroepithelial tumours	10	0.03	0.01-0.1	-	-	-	-	-	-
Tumours of cranial and spinal nerves	4015	10.9	10.6-11.3	20	0.1	0.03-0.1	3995	10.9	10.5-11.2
Tumours of meninges	12430	33.8	33.2-34.4	185	0.5	0.4-0.6	12245	33.3	32.7-33.9
Meningioma	11635	31.6	31.0-32.2	125	0.3	0.3-0.4	11510	31.3	30.7-31.9
Mesenchymal tumours	190	0.5	0.5-0.6	40	0.1	0.1-0.2	150	0.4	0.3-0.5
Primary melanocytic lesions	15	0.04	0.02-0.1	-	-	-	-	-	-
Other neoplasms related to the meninges	590	1.6	1.5-1.7	15	0.04	0.02-0.1	575	1.6	1.4-1.7
Lymphomas and hematopoietic neoplasms	470	1.3	1.2-1.4	470	1.3	1.2-1.4	0	0.0	-
Lymphoma	460	1.3	1.1-1.4	460	1.3	1.1-1.4			
Other hematopoietic neoplasms	10	0.03	0.01-0.1	10	0.03	0.01-0.1	0	0.0	-
Germ cell tumours, cysts, and heterotopias	255	0.7	0.6-0.8	165	0.5	0.4-0.5	95	0.3	0.2-0.3
Tumours of sellar region	6580	17.9	17.5-18.3	15	0.04	0.02-0.1	6560	17.8	17.4-18.3
Unclassified tumours and not classified by CBTRUS	6325	17.2	16.8-17.6	230	0.6	0.6-0.7	6090	16.6	16.1-17.0
Total	37575	102.1	101.1-103.1	7360	20.0	19.5-20.5	30215	82.1	81.2-83.0

Notes: *8-year limited duration includes everyone diagnosed since 2010 and still alive on Jan. 1, 2018.

Table 9: Person-based eight-year limited-duration prevalent counts for primary central nervous system tumours by histology group, behaviour, and sex, Canada, January 1, 2018

Histology group	All primary CNS tumors		Malignant primary CNS tumors		Non-malignant primary CNS	
	Males	Females	Males	Females	Males	Females
Tumours of neuroepithelial tissue	4235	3260	3530	2740	705	520
Pilocytic astrocytoma	345	310	345	310		
Diffuse astrocytoma	305	220	305	220		
Anaplastic astrocytoma	180	180	180	180		
Unique astrocytoma variants	80	50	40	25	40	25
Glioblastoma	1045	800	1045	800		
Oligodendroglioma	335	235	335	235		
Anaplastic oligodendroglioma	210	135	210	135		
Oligoastrocytic tumours	180	140	180	140		
Ependymal tumours	495	375	260	215	235	160
Glioma malignant, NOS	300	250	300	250		
Choroid plexus tumours	50	55	-	10	45	45
Neuronal and mixed neuronal-glial tumours	425	310	65	40	360	270
Tumours of the pineal region	40	35	20	25	20	10
Embryonal tumours	235	160	230	155	-	-
Other neuroepithelial tumours	5	5	-	-	-	-
Tumours of cranial and spinal nerves	1970	2045	10	15	1960	2030
Tumours of meninges	3720	8710	85	100	3635	8610
Meningioma	3315	8325	55	70	3260	8255
Mesenchymal tumours	85	105	20	25	70	80
Primary melanocytic lesions	10	5	-	-	-	-
Other neoplasms related to the meninges	310	275	10	5	300	270
Lymphomas and hematopoietic neoplasms	265	210	265	210	0	0
Lymphoma	260	205	260	205		
Other hematopoietic neoplasms	-	-	-	-	0	0
Germ cell tumours, cysts, and heterotopias	185	70	135	25	50	45
Tumours of sellar region	3355	3220	5	10	3350	3210
Unclassified tumours	2615	3710	135	95	2480	3615
Total	16350	21225	4170	3190	12185	18030

Table 10: Person-based eight-year limited-duration prevalent counts for primary central nervous system tumours by histology, behaviour, and age group, Canada, January 1, 2018

Histology group	All primary CNS tumors				Malignant primary CNS tumors				Non-malignant primary CNS tumors			
	0 to 14	15 to 39	40 to 64	65+	0 to 14	15 to 39	40 to 64	65+	0 to 14	15 to 39	40 to 64	65+
Tumours of neuroepithelial tissue	985	2270	3095	1145	835	1725	2690	1020	150	545	405	125
Pilocytic astrocytoma	275	285	90	10	275	285	90	10				
Diffuse astrocytoma	40	220	220	35	40	220	220	35				
Anaplastic astrocytoma	5	135	165	50	5	135	165	50				
Unique astrocytoma variants	20	85	25	5	-	-	-	-	-	-	-	-
Glioblastoma	15	190	1020	625	15	190	1020	625				
Oligodendroglioma	-	-	330	45	-	-	330	45				
Anaplastic oligodendroglioma	0	80	225	40	0	80	225	40				
Oligoastrocytic tumours	-	-	175	25	-	-	175	25				
Ependymal tumours	115	215	375	160	105	105	180	80	5	110	195	80
Glioma malignant, NOS	130	170	185	65	130	170	185	65				
Choroid plexus tumours	40	20	35	5	10	0	0	0	30	20	35	5
Neuronal and mixed neuronal-gliial tumours	95	385	195	55	-	-	50	25	-	-	145	30
Tumours of the pineal region	10	25	30	5	-	-	-	-	-	-	-	-
Embryonal tumours	230	130	-	-	-	-	-	-	-	-	-	-
Other neuroepithelial tumours	-	-	-	-	-	-	-	-	-	-	-	-
Tumours of cranial and spinal nerves	55	580	2130	1255	0	10	10	5	55	570	2120	1250
Tumours of meninges	25	805	5850	5750	5	25	85	70	20	775	5770	5680
Meningioma	15	640	5440	5535	-	-	50	55	10	625	5390	5480
Mesenchymal tumours	5	25	105	60	-	-	25	10	-	-	85	50
Primary melanocytic lesions	-	-	-	-	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	5	135	300	150	-	-	5	5	-	-	290	145
Lymphomas and hematopoietic neoplasms	-	-	205	230	-	-	205	230	0	0	0	0
Lymphoma	-	-	200	230	-	-	200	230				
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-	0	0	0	0
Germ cell tumours, cysts, and heterotopias	60	145	35	15	40	115	10	0	25	30	25	15
Tumours of sellar region	70	1245	3050	2215	0	5	-	-	70	1240	-	-
Unclassified tumours	230	1045	2200	2850	20	35	95	80	210	1010	2105	2770
Total	1425	6125	16560	13460	900	1945	3095	1415	525	4180	13465	12045

Table 11: Person-based eight-year limited-duration age-standardized prevalence proportions (PP, per 100,000) for primary central nervous system tumours by histology group and region, January 1, 2018

Histology group	British		Prairie		Ontario		Atlantic	
	PP	95% CI of PP	PP	95% CI of PP	PP	95% CI of PP	PP	95% CI of PP
Tumours of neuroepithelial tissue	18.7	17.5-19.9	19.2	18.2-20.3	20.6	19.8-21.4	18.9	17.2-20.8
Pilocytic astrocytoma	1.5	1.1-1.9	1.8	1.5-2.2	1.8	1.6-2.0	2.0	1.4-2.7
Diffuse astrocytoma	0.7	0.5-1.0	1.2	1.0-1.5	1.6	1.4-1.8	2.0	1.4-2.7
Anaplastic astrocytoma	0.2	0.1-0.4	1.4	1.1-1.7	1.0	0.8-1.2	0.7	0.4-1.2
Unique astrocytoma variants	0.3	0.2-0.5	0.4	0.3-0.6	0.4	0.3-0.5	-	-
Glioblastoma	5.7	5.1-6.4	4.2	3.7-4.7	4.6	4.3-5.0	4.7	3.9-5.6
Oligodendroglioma	2.4	2.0-2.9	1.5	1.2-1.8	1.3	1.1-1.5	1.5	1.0-2.1
Anaplastic oligodendroglioma	0.7	0.5-1.0	0.8	0.6-1.1	1.0	0.9-1.2	1.0	0.7-1.6
Oligoastrocytic tumours	1.2	0.9-1.6	1.0	0.8-1.3	0.7	0.6-0.8	0.9	0.6-1.4
Ependymal tumours	1.8	1.5-2.2	2.4	2.0-2.8	2.5	2.2-2.7	1.7	1.2-2.3
Glioma malignant, NOS	1.1	0.8-1.4	1.3	1.1-1.6	1.8	1.6-2.0	0.7	0.4-1.2
Choroid plexus tumours	0.2	0.1-0.4	0.2	0.1-0.4	0.3	0.2-0.4	0.3	0.1-0.7
Neuronal and mixed neuronal-glial tumours	1.6	1.2-2.0	1.9	1.6-2.2	2.2	2.0-2.5	2.1	1.5-2.8
Tumours of the pineal region	0.3	0.1-0.4	0.1	0.1-0.3	0.2	0.1-0.3	0.2	0.1-0.5
Embryonal tumours	1.0	0.8-1.4	1.0	0.8-1.2	1.2	1.0-1.4	1.0	0.6-1.5
Other neuroepithelial tumours	-	-	-	-	0.0	0.0-0.1	-	-
Tumours of cranial and spinal nerves	10.2	9.4-11.1	8.9	8.2-9.7	12.4	11.8-13.0	5.2	4.3-6.1
Tumours of meninges	28.2	26.8-29.6	36.4	35.0-38.0	32.7	31.8-33.7	24.1	22.3-26.0
Meningioma	26.6	25.2-28.0	34.6	33.2-36.1	30.2	29.3-31.1	22.5	20.8-24.4
Mesenchymal tumours	0.4	0.3-0.6	0.4	0.3-0.6	0.6	0.5-0.8	0.3	0.1-0.6
Primary melanocytic lesions	-	-	-	-	-	-	-	-
Other neoplasms related to the meninges	1.1	0.8-1.4	1.3	1.1-1.6	1.9	1.7-2.1	1.3	0.9-1.9
Lymphomas and hematopoietic neoplasms	1.4	1.1-1.8	1.3	1.0-1.6	1.1	0.9-1.3	1.00	0.7-1.5
Lymphoma	1.4	1.1-1.8	1.2	1.0-1.5	1.1	0.9-1.2	1.00	0.7-1.5
Other hematopoietic neoplasms	-	-	-	-	-	-	-	-
Germ cell tumours, cysts, and heterotopias	0.9	0.7-1.2	0.5	0.3-0.7	0.8	0.7-1.0	0.7	0.4-1.1
Tumours of sellar region	19.3	18.1-20.5	14.7	13.8-15.7	19.0	18.3-19.7	10.3	9.1-11.7
Unclassified tumours	2.5	2.1-3.0	1.8	1.5-2.2	30.4	29.5-31.3	0.7	0.4-1.2
Total	81.1	78.7-83.6	82.8	80.6-85.1	116.9	115.1-118.7	60.9	57.9-64.0