

Table 12a: Distribution and Incidence Rates^{a,b} of Primary (Malignant and Non-Malignant) Brain and CNS Tumors by Major Histology Groupings and Histology, Age-Adjusted to the 2000 U.S. Standard Population; CBTRUS Statistical Report: NPCR and SEER, 2004- 2006

Histology	Malignant		Non-malignant	
	N	Adjusted Rate (95% C.I.)	N	Adjusted Rate (95% C.I.)
<u>Tumors of Neuroepithelial Tissue</u>	50,877	6.05 (6.00-6.10)	3,424	0.42 (0.40-0.43)
Pilocytic astrocytoma	2,625	0.33 (0.31-0.34)	-	-
Protoplasmic & fibrillary astrocytoma	854	0.10 (0.10-0.11)	-	-
Anaplastic astrocytoma	3,385	0.40 (0.39-0.42)	-	-
Unique astrocytoma variants	216	0.03 (0.02-0.03)	537	0.06 (0.06-0.07)
Astrocytoma, NOS	3,695	0.44 (0.43-0.46)	-	-
Glioblastoma	27,040	3.17 (3.13-3.21)	-	-
Oligodendroglioma	2,269	0.27 (0.26-0.29)	-	-
Anaplastic oligodendroglioma	1,030	0.12 (0.12-0.13)	-	-
Ependymoma/anaplastic ependymoma	2,147	0.26 (0.25-0.27)	-	-
Ependymoma variants	-	-	789	0.10 (0.09-0.10)
Mixed glioma	1,573	0.19 (0.18-0.20)	-	-
Glioma malignant, NOS	3,516	0.43 (0.41-0.44)	-	-
Choroid plexus	83	0.01 (0.01-0.01)	268	0.03 (0.03-0.04)
Neuroepithelial	143	0.02 (0.02-0.02)	28	0.00 (0.00-0.01)
Non-malignant and malignant neuronal/glial	572	0.07 (0.06-0.07)	1,678	0.21 (0.20-0.22)
Pineal parenchymal	157	0.02 (0.02-0.02)	122	0.02 (0.01-0.02)
Embryonal/primitive/medulloblastoma	1,563	0.19 (0.18-0.20)	-	-
<u>Tumors of Cranial and Spinal Nerves</u>	141	0.02 (0.01-0.02)	13,594	1.60 (1.57-1.62)
Nerve sheath, non-malignant and malignant	141	0.02 (0.01-0.02)	13,592	1.60 (1.57-1.62)
<u>Tumors of Meninges</u>	1,379	0.16 (0.15-0.17)	54,053	6.36 (6.30-6.41)
Meningioma	1,208	0.14 (0.13-0.15)	52,247	6.14 (6.09-6.20)
Other mesenchymal, non-malignant and malignant	171	0.02 (0.02-0.02)	460	0.06 (0.05-0.06)
Hemangioblastoma	-	-	1,346	0.16 (0.15-0.17)
<u>Lymphomas and Hematopoietic Neoplasms</u>	3,851	0.46 (0.44-0.47)	-	-
Lymphoma	3,851	0.46 (0.44-0.47)	-	-
<u>Germ Cell Tumors and Cysts</u>	515	0.06 (0.06-0.07)	127	0.02 (0.01-0.02)
Germ cell tumors, cysts and heterotopias	515	0.06 (0.06-0.07)	127	0.02 (0.01-0.02)
<u>Tumors of Sellar Region</u>	96	0.01 (0.01-0.01)	21,191	2.53 (2.49-2.56)
Pituitary	96	0.01 (0.01-0.01)	20,035	2.39 (2.35-2.42)
Craniopharyngioma	-	-	1,156	0.14 (0.13-0.15)
<u>Local Extensions from Regional Tumors</u>	148	0.02 (0.02-0.02)	-	-
Chordoma/chondrosarcoma	148	0.02 (0.02-0.02)	-	-
<u>Unclassified Tumors</u>	3,547	0.42 (0.40-0.43)	5,133	0.61 (0.59-0.63)
Hemangioma	-	-	1,152	0.14 (0.13-0.15)
Neoplasm, unspecified	3,509	0.41 (0.40-0.43)	3,934	0.47 (0.45-0.48)
All other	29	0.00 (0.00-0.01)	47	0.01 (0.00-0.01)
TOTAL^c	60,554	7.19 (7.14-7.25)	97,534	11.52 (11.45-11.59)

^aRates are per 100,000 person years.

^bPopulation data source: Estimates from the U.S. Bureau of the Census, <http://seer.cancer.gov/popdata/index.html>

^cRefers to all brain tumors including histologies not presented in this table.

Abbreviations: CBTRUS, Central Brain Tumor Registry of the United States; SEER, Surveillance, Epidemiology and End Results Program; CI, confidence interval; NOS, not otherwise specified; CNS, central nervous system.