

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- 2007

Histology	Malignant		Non-malignant	
	N	Adjusted Rate (95% C.I.)	N	Adjusted Rate (95% C.I.)
<u>Tumors of Neuroepithelial Tissue</u>	71,466	6.13 (6.08-6.17)	4,874	0.43 (0.42-0.44)
Pilocytic astrocytoma	3,663	0.33 (0.32-0.34)	-	-
Protoplasmic & fibrillary astrocytoma	1,242	0.11 (0.10-0.11)	-	-
Anaplastic astrocytoma	4,747	0.41 (0.40-0.42)	-	-
Unique astrocytoma variants	311	0.03 (0.02-0.03)	786	0.07 (0.06-0.07)
Astrocytoma, NOS	5,194	0.45 (0.44-0.46)	-	-
Glioblastoma	37,890	3.19 (3.16-3.23)	-	-
Oligodendroglioma	3,184	0.28 (0.27-0.29)	-	-
Anaplastic oligodendroglioma	1,386	0.12 (0.11-0.13)	-	-
Ependymoma/anaplastic ependymoma	3,011	0.26 (0.25-0.27)	-	-
Ependymoma variants	-	-	1,120	0.10 (0.09-0.10)
Mixed glioma	2,251	0.20 (0.19-0.21)	-	-
Glioma malignant, NOS	4,963	0.43 (0.42-0.45)	-	-
Choroid plexus	105	0.01 (0.01-0.01)	406	0.04 (0.03-0.04)
Neuroepithelial	201	0.02 (0.02-0.02)	35	0.00 (0.00-0.00)
Non-malignant and malignant neuronal/glial	821	0.07 (0.07-0.08)	2,348	0.21 (0.20-0.22)
Pineal parenchymal	228	0.02 (0.02-0.02)	176	0.02 (0.01-0.02)
Embryonal/primitive/medulloblastoma	2,257	0.20 (0.19-0.21)	-	-
<u>Tumors of Cranial and Spinal Nerves</u>	211	0.02 (0.02-0.02)	19,394	1.64 (1.62-1.67)
Nerve sheath, non-malignant and malignant	211	0.02 (0.02-0.02)	19,389	1.64 (1.62-1.66)
<u>Tumors of Meninges</u>	1,909	0.16 (0.16-0.17)	78,548	6.64 (6.60-6.69)
Meningioma	1,663	0.14 (0.13-0.15)	76,245	6.45 (6.40-6.49)
Other mesenchymal, non-malignant and malignant	246	0.02 (0.02-0.02)	421	0.04 (0.03-0.04)
Hemangioblastoma	-	-	1,882	0.16 (0.15-0.17)
<u>Lymphomas and Hematopoietic Neoplasms</u>	5,376	0.46 (0.45-0.47)	-	-
Lymphoma	5,376	0.46 (0.45-0.47)	-	-
<u>Germ Cell Tumors and Cysts</u>	750	0.07 (0.06-0.07)	342	0.03 (0.03-0.03)
Germ cell tumors, cysts and heterotopias	750	0.07 (0.06-0.07)	342	0.03 (0.03-0.03)
<u>Tumors of Sellar Region</u>	126	0.01 (0.01-0.01)	31,279	2.69 (2.66-2.72)
Pituitary	126	0.01 (0.01-0.01)	29,680	2.55 (2.52-2.58)
Craniopharyngioma	-	-	1,599	0.14 (0.13-0.15)
<u>Local Extensions from Regional Tumors</u>	189	0.02 (0.01-0.02)	-	-
Chordoma/chondrosarcoma	189	0.02 (0.01-0.02)	-	-
<u>Unclassified Tumors</u>	4,934	0.42 (0.40-0.43)	7,384	0.63 (0.62-0.65)
Hemangioma	-	-	1,802	0.16 (0.15-0.16)
Neoplasm, unspecified	4,874	0.41 (0.40-0.42)	5,499	0.47 (0.46-0.48)
All other	48	0.00 (0.00-0.01)	83	0.01 (0.01-0.01)
TOTAL^d	84,961	7.28 (7.23-7.32)	141,830	12.06 (12.00-12.13)

^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>

^dRefers 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.