

**Table 12:
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 2002-2006^c**

Histology	TOTAL N	% of All Reported Brain Tumors	Median Age at Diagnosis	Adjusted Rate (95% C.I.)
<u>Tumors of Neuroepithelial Tissue</u>	30,415	35.5	54	6.49 (6.41-6.56)
Pilocytic astrocytoma	1,608	1.9	13	0.34 (0.33-0.36)
Protoplasmic & fibrillary astrocytoma	483	0.6	47	0.10 (0.09-0.11)
Anaplastic astrocytoma	1,926	2.2	52	0.41 (0.39-0.43)
Unique astrocytoma variants	450	0.5	40	0.10 (0.09-0.11)
Astrocytoma, NOS	2,048	2.4	47	0.44 (0.42-0.46)
Glioblastoma	14,555	17.0	64	3.11 (3.06-3.16)
Oligodendroglioma	1,443	1.7	41	0.31 (0.29-0.32)
Anaplastic oligodendroglioma	680	0.8	49	0.14 (0.13-0.16)
Ependymoma/anaplastic ependymoma	1,313	1.5	40	0.28 (0.26-0.29)
Ependymoma variants	434	0.5	43	0.09 (0.08-0.10)
Mixed glioma	914	1.1	42	0.19 (0.18-0.21)
Glioma malignant, NOS	1,942	2.3	38	0.42 (0.40-0.44)
Choroid plexus	204	0.2	17	0.04 (0.04-0.05)
Neuroepithelial	89	0.1	58	0.02 (0.02-0.02)
Non-malignant and malignant neuronal/glial	1,272	1.5	26	0.27 (0.25-0.28)
Pineal parenchymal	137	0.2	28	0.03 (0.02-0.03)
Embryonal/primitive/medulloblastoma	917	1.1	9	0.20 (0.18-0.21)
<u>Tumors of Cranial and Spinal Nerves</u>	7,865	9.2	53	1.66 (1.62-1.69)
Nerve sheath, non-malignant and malignant	7,862	9.2	53	1.66 (1.62-1.69)
<u>Tumors of Meninges</u>	29,868	34.9	64	6.40 (6.32-6.47)
Meningioma	28,817	33.6	64	6.17 (6.10-6.25)
Other mesenchymal, non-malignant and malignant	338	0.4	45	0.07 (0.06-0.08)
Hemangioblastoma	713	0.8	48	0.15 (0.14-0.16)
<u>Lymphomas and Hematopoietic Neoplasms</u>	2,186	2.6	63	0.47 (0.45-0.49)
Lymphoma	2,186	2.6	63	0.47 (0.45-0.49)
<u>Germ Cell Tumors and Cysts</u>	368	0.4	16	0.08 (0.07-0.09)
Germ cell tumors, cysts and heterotopias	368	0.4	16	0.08 (0.07-0.09)
<u>Tumors of Sellar Region</u>	9,765	11.4	50	2.08 (2.03-2.12)
Pituitary	9,168	10.7	50	1.95 (1.91-1.99)
Craniopharyngioma	597	0.7	38	0.13 (0.12-0.14)
<u>Local Extensions from Regional Tumors</u>	85	0.1	52	0.02 (0.01-0.02)
Chordoma/chondrosarcoma	85	0.1	52	0.02 (0.01-0.02)
<u>Unclassified Tumors</u>	5,118	6.0	66	1.10 (1.07-1.13)
Hemangioma	645	0.8	47	0.14 (0.13-0.15)
Neoplasm, unspecified	4,407	5.1	69	0.95 (0.92-0.98)
All other	66	0.1	54	0.01 (0.01-0.02)
TOTAL^d	85,670	100.0	57	18.28 (18.16-18.40)

^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>

^cData compiled from Arizona, Colorado, Connecticut, Delaware, Idaho, Maine, Massachusetts, Minnesota, Montana, New Mexico, New York, North Carolina, North Dakota, Rhode Island, South Dakota, Texas, Utah, and Virginia.

^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.