

Table 12: Distribution and Incidence Rates^a of Primary (Malignant and Non-Malignant) Brain and Central Nervous System 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	TOTAL N	% of All Reported Brain Tumors	Adjusted Rate	95% C.I.
<u>Tumors of Neuroepithelial Tissue</u>	54,301	34.3	6.46	(6.41-6.52)
Pilocytic astrocytoma	2,625	1.7	0.33	(0.31-0.34)
Protoplasmic & fibrillary astrocytoma	854	0.5	0.10	(0.10-0.11)
Anaplastic astrocytoma	3,385	2.1	0.40	(0.39-0.42)
Unique astrocytoma variants	753	0.5	0.09	(0.08-0.10)
Astrocytoma, NOS	3,695	2.3	0.44	(0.43-0.46)
Glioblastoma	27,040	17.1	3.17	(3.13-3.21)
Oligodendroglioma	2,269	1.4	0.27	(0.26-0.29)
Anaplastic oligodendroglioma	1,031	0.7	0.12	(0.12-0.13)
Ependymoma/anaplastic ependymoma	2,147	1.4	0.26	(0.25-0.27)
Ependymoma variants	798	0.5	0.10	(0.09-0.10)
Mixed glioma	1,573	1.0	0.19	(0.18-0.20)
Glioma malignant, NOS	3,516	2.2	0.43	(0.41-0.44)
Choroid plexus	351	0.2	0.04	(0.04-0.05)
Neuroepithelial	171	0.1	0.02	(0.02-0.02)
Non-malignant and malignant neuronal/glial	2,250	1.4	0.27	(0.26-0.29)
Pineal parenchymal	279	0.2	0.03	(0.03-0.04)
Embryonal/primitive/medulloblastoma	1,564	1.0	0.19	(0.18-0.20)
<u>Tumors of Cranial and Spinal Nerves</u>	13,735	8.7	1.61	(1.59-1.64)
Nerve sheath, non-malignant and malignant	13,733	8.7	1.61	(1.59-1.64)
<u>Tumors of Meninges</u>	55,432	35.1	6.52	(6.47-6.57)
Meningioma	53,455	33.8	6.29	(6.23-6.34)
Other mesenchymal, non-malignant and malignant	631	0.4	0.08	(0.07-0.08)
Hemangioblastoma	1,346	0.9	0.16	(0.15-0.17)
<u>Lymphomas and Hematopoietic Neoplasms</u>	3,855	2.4	0.46	(0.44-0.47)
Lymphoma	3,855	2.4	0.46	(0.44-0.47)
<u>Germ Cell Tumors and Cysts</u>	642	0.4	0.08	(0.07-0.09)
Germ cell tumors, cysts and heterotopias	642	0.4	0.08	(0.07-0.09)
<u>Tumors of Sellar Region</u>	21,287	13.5	2.54	(2.50-2.57)
Pituitary	20,131	12.7	2.40	(2.36-2.43)
Craniopharyngioma	1,156	0.7	0.14	(0.13-0.15)
<u>Local Extensions from Regional Tumors</u>	156	0.1	0.02	(0.02-0.02)
Chordoma/chondrosarcoma	156	0.1	0.02	(0.02-0.02)
<u>Unclassified Tumors</u>	8,680	5.5	1.02	(1.00-1.05)
Hemangioma	1,161	0.7	0.14	(0.13-0.15)
Neoplasm, unspecified	7,443	4.7	0.88	(0.86-0.90)
All other	76	0.0	0.01	(0.01-0.01)
TOTAL^b	158,088	100.0	18.71	(18.62-18.80)

^aRates are per 100,000 person years

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

Abbreviations: CBTRUS, Central Brain Tumor Registry of the United States; NPCR, CDC's National Program of Cancer Registries; SEER, NCI's Surveillance, Epidemiology and End Results program; CI, confidence interval; NOS, not otherwise specified.