

**TABLE 8: DISTRIBUTION AND INCIDENCE RATES<sup>a</sup> 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 1998-2002<sup>b</sup>**

HISTOLOGY	TOTAL N	% OF ALL REPORTED BRAIN TUMORS	MEDIAN AGE AT DIAGNOSIS	ADJUSTED RATE (C.I.)
<b><u>TUMORS OF NEUROEPITHELIAL TISSUE</u></b>	<b>27,776</b>	<b>43.6</b>	<b>53</b>	<b>6.42 (6.34-6.49)</b>
Pilocytic astrocytoma	1,465	2.3	12	0.33 (0.31-0.34)
Diffuse astrocytoma (protoplasmic, fibrillary)	428	0.7	46	0.10 (0.09-0.11)
Anaplastic astrocytoma	2,029	3.2	51	0.47 (0.45-0.49)
Unique astrocytoma variants	332	0.5	37	0.08 (0.07-0.08)
Astrocytoma, NOS	1,994	3.1	45	0.46 (0.44-0.48)
Glioblastoma	12,943	20.3	64	3.05 (3.00-3.10)
Oligodendroglioma	1,559	2.5	41	0.35 (0.33-0.37)
Anaplastic oligodendroglioma	781	1.2	48	0.18 (0.17-0.19)
Ependymoma/anaplastic ependymoma	1,126	1.8	39	0.26 (0.24-0.27)
Ependymoma variants	312	0.5	39	0.07 (0.06-0.08)
Mixed glioma	722	1.1	42	0.16 (0.15-0.18)
Glioma malignant, NOS	1,668	2.6	43	0.38 (0.36-0.40)
Choroid plexus	194	0.3	21	0.04 (0.04-0.05)
Neuroepithelial	66	0.1	52	0.02 (0.01-0.02)
Benign and malignant neuronal/glial, neuronal and mixed	944	1.5	26	0.21 (0.20-0.22)
Pineal parenchymal	119	0.2	22	0.03 (0.02-0.03)
Embryonal/primitive/medulloblastoma	1,094	1.7	9	0.24 (0.23-0.26)
<b><u>TUMORS OF CRANIAL AND SPINAL NERVES</u></b>	<b>5,094</b>	<b>8.0</b>	<b>52</b>	<b>1.17 (1.14-1.20)</b>
Nerve sheath, benign and malignant	5,092	8.0	52	1.17 (1.14-1.20)
<b><u>TUMORS OF MENINGES</u></b>	<b>19,980</b>	<b>31.4</b>	<b>63</b>	<b>4.70 (4.63-4.76)</b>
Meningioma	19,190	30.1	64	4.52 (4.45-4.58)
Other mesenchymal, benign and malignant	250	0.4	44	0.06 (0.05-0.06)
Hemangioblastoma	540	0.9	46	0.12 (0.11-0.13)
<b><u>LYMPHOMAS AND HEMOPOIETIC NEOPLASMS</u></b>	<b>1,975</b>	<b>3.1</b>	<b>60</b>	<b>0.46 (0.44-0.48)</b>
Lymphoma	1,975	3.1	60	0.46 (0.44-0.48)
<b><u>GERM CELL TUMORS AND CYSTS</u></b>	<b>397</b>	<b>0.6</b>	<b>16</b>	<b>0.09 (0.08-0.10)</b>
Germ cell tumors, cysts and heterotopias	397	0.6	16	0.09 (0.08-0.10)
<b><u>TUMORS OF SELLAR REGION</u></b>	<b>4,496</b>	<b>7.1</b>	<b>48</b>	<b>1.03 (1.00-1.06)</b>
Pituitary	4,029	6.3	49	0.92 (0.89-0.95)
Craniopharyngioma	467	0.7	33	0.11 (0.10-0.12)
<b><u>LOCAL EXTENSIONS FROM REGIONAL TUMORS</u></b>	<b>116</b>	<b>0.2</b>	<b>48</b>	<b>0.03 (0.02-0.03)</b>
Chordoma/chondrosarcoma	116	0.2	48	0.03 (0.02-0.03)
<b><u>UNCLASSIFIED TUMORS</u></b>	<b>3,864</b>	<b>6.1</b>	<b>68</b>	<b>0.91 (0.88-0.94)</b>
Hemangioma	364	0.6	43	0.08 (0.07-0.09)
Neoplasm, unspecified	3,475	5.5	71	0.82 (0.79-0.85)
All other	25	0.0	48	0.01 (0.00-0.01)
<b>TOTAL<sup>c</sup></b>	<b>63,698</b>	<b>100.0</b>	<b>57</b>	<b>14.80 (14.69-14.92)</b>

<sup>a</sup>Rates are per 100,000 person-years.

<sup>b</sup>Includes data from 16 of the 18 registries listed in Table 5; North Dakota and West Virginia are excluded.

<sup>c</sup>Refers to all brain tumors including histologies not presented in this table.

Abbreviations: CBTRUS, Central Brain Tumor Registry of the United States; NOS, not otherwise specified; CI, 95% confidence interval.