

**TABLE 10: PRIMARY (MALIGNANT AND NON-MALIGNANT) BRAIN AND CENTRAL NERVOUS SYSTEM TUMOR INCIDENCE RATES<sup>a</sup> BY MAJOR HISTOLOGY GROUPINGS, HISTOLOGY AND RACE, AGE-ADJUSTED TO THE 2000 U.S. STANDARD POPULATION, CBTRUS 1998-2002<sup>b</sup>**

HISTOLOGY	WHITES		BLACKS	
	N	ADJUSTED RATE	N	ADJUSTED RATE
<b><u>TUMORS OF NEUROEPITHELIAL TISSUE</u></b>	<b>25,242</b>	<b>6.84</b>	<b>1,658</b>	<b>3.48</b>
Pilocytic astrocytoma	1,254	0.35	128	0.20
Diffuse astrocytoma (protoplasmic, fibrillary)	392	0.11	22	0.04
Anaplastic astrocytoma	1,869	0.50	112	0.24
Unique astrocytoma variants	289	0.08	29	0.05
Astrocytoma, NOS	1,797	0.49	130	0.27
Glioblastoma	12,040	3.25	651	1.59
Oligodendroglioma	1,415	0.38	68	0.13
Anaplastic oligodendroglioma	705	0.19	44	0.09
Ependymoma/anaplastic ependymoma	1,011	0.27	63	0.12
Ependymoma variants	286	0.08	12	0.02
Mixed glioma	662	0.18	28	0.06
Glioma malignant, NOS	1,439	0.39	152	0.29
Choroid plexus	170	0.05	11	0.02
Neuroepithelial	58	0.02	7	-
Benign and malignant neuronal/glial, neuronal and mixed	814	0.22	86	0.15
Pineal parenchymal	97	0.03	18	0.03
Embryonal/primitive/medulloblastoma	944	0.26	97	0.15
<b><u>TUMORS OF CRANIAL AND SPINAL NERVES</u></b>	<b>4,481</b>	<b>1.21</b>	<b>196</b>	<b>0.43</b>
Nerve sheath, benign and malignant	4,480	1.21	195	0.42
<b><u>TUMORS OF MENINGES</u></b>	<b>17,158</b>	<b>4.63</b>	<b>1,828</b>	<b>4.58</b>
Meningioma	16,486	4.44	1,762	4.44
Other mesenchymal, benign and malignant	214	0.06	20	0.04
Hemangioblastoma	458	0.12	46	0.09
<b><u>LYMPHOMAS AND HEMOPOIETIC NEOPLASMS</u></b>	<b>1,654</b>	<b>0.45</b>	<b>246</b>	<b>0.51</b>
Lymphoma	1,654	0.45	246	0.51
<b><u>GERM CELL TUMORS AND CYSTS</u></b>	<b>336</b>	<b>0.09</b>	<b>31</b>	<b>0.05</b>
Germ cell tumors, cysts and heterotopias	336	0.09	31	0.05
<b><u>TUMORS OF SELLAR REGION</u></b>	<b>3,547</b>	<b>0.96</b>	<b>544</b>	<b>1.18</b>
Pituitary	3,184	0.86	477	1.06
Craniopharyngioma	363	0.10	67	0.13
<b><u>LOCAL EXTENSIONS FROM REGIONAL TUMORS</u></b>	<b>105</b>	<b>0.03</b>	<b>-</b>	<b>-</b>
Chordoma/chondrosarcoma	105	0.03	-	-
<b><u>UNCLASSIFIED TUMORS</u></b>	<b>3,355</b>	<b>0.90</b>	<b>318</b>	<b>0.78</b>
Hemangioma	335	0.09	18	0.03
Neoplasm, unspecified	2,996	0.81	300	0.75
All other	24	0.01	-	-
<b>TOTAL<sup>c</sup></b>	<b>55,878</b>	<b>15.10</b>	<b>4,826</b>	<b>11.01</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.

- Counts are not presented when fewer than 6 cases were reported for the specific histology category and rates are not presented when fewer than 10 cases were reported for the specific histology category. The suppressed cases are included in the counts and rates for Totals.

Abbreviations: CBTRUS, Central Brain Tumor Registry of the United States; NOS, not otherwise specified.