

**TABLES**

**TABLE 13: PRIMARY (MALIGNANT AND NON-MALIGNANT) BRAIN AND CENTRAL NERVOUS SYSTEM TUMOR INCIDENCE RATES<sup>a</sup> BY MAJOR HISTOLOGY GROUPINGS, HISTOLOGY AND GENDER, AGE-ADJUSTED TO THE 2000 U.S. STANDARD POPULATION, 2004, CBTRUS SUPPLEMENT REPORT**

HISTOLOGY	MALES		FEMALES	
	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.
<b><u>TUMORS OF NEUROEPITHELIAL TISSUE</u></b>	<b>7.57</b>	<b>(7.41-7.72)</b>	<b>5.40</b>	<b>(5.27-5.52)</b>
Pilocytic astrocytoma	0.33	(0.30-0.37)	0.30	(0.27-0.33)
Protoplasmic & fibrillary astrocytoma	0.12	(0.10-0.14)	0.09	(0.07-0.10)
Anaplastic astrocytoma	0.47	(0.44-0.51)	0.37	(0.34-0.40)
Unique astrocytoma variants	0.10	(0.08-0.12)	0.07	(0.05-0.08)
Astrocytoma, NOS	0.49	(0.45-0.53)	0.41	(0.37-0.44)
Glioblastoma	4.01	(3.90-4.13)	2.50	(2.42-2.59)
Oligodendroglioma	0.33	(0.30-0.36)	0.23	(0.21-0.26)
Anaplastic oligodendroglioma	0.14	(0.12-0.16)	0.12	(0.10-0.14)
Ependymoma/anaplastic ependymoma	0.27	(0.24-0.30)	0.24	(0.21-0.27)
Ependymoma variants	0.10	(0.09-0.12)	0.07	(0.06-0.09)
Mixed glioma	0.19	(0.16-0.21)	0.14	(0.12-0.16)
Glioma malignant, NOS	0.43	(0.40-0.47)	0.37	(0.34-0.41)
Choroid plexus	0.04	(0.03-0.05)	0.04	(0.03-0.05)
Neuroepithelial	0.03	(0.02-0.04)	0.02	(0.01-0.03)
Non-malignant and malignant neuronal/glial, neuronal and mixed	0.23	(0.21-0.26)	0.20	(0.18-0.23)
Pineal parenchymal	0.03	(0.02-0.04)	0.03	(0.02-0.05)
Embryonal/primitive/medulloblastoma	0.26	(0.23-0.29)	0.20	(0.18-0.23)
<b><u>TUMORS OF CRANIAL AND SPINAL NERVES</u></b>	<b>1.52</b>	<b>(1.45-1.59)</b>	<b>1.51</b>	<b>(1.44-1.57)</b>
Nerve sheath, non-malignant and malignant	1.52	(1.45-1.59)	1.51	(1.44-1.57)
<b><u>TUMORS OF MENINGES</u></b>	<b>3.53</b>	<b>(3.42-3.64)</b>	<b>7.61</b>	<b>(7.47-7.76)</b>
Meningioma	3.29	(3.18-3.40)	7.41	(7.27-7.55)
Other mesenchymal, non-malignant and malignant	0.07	(0.05-0.08)	0.07	(0.06-0.09)
Hemangioblastoma	0.17	(0.15-0.19)	0.13	(0.11-0.15)
<b><u>LYMPHOMAS AND HEMOPOIETIC NEOPLASMS</u></b>	<b>0.53</b>	<b>(0.49-0.58)</b>	<b>0.36</b>	<b>(0.33-0.39)</b>
Lymphoma	0.53	(0.49-0.58)	0.36	(0.33-0.39)
<b><u>GERM CELL TUMORS AND CYSTS</u></b>	<b>0.11</b>	<b>(0.09-0.13)</b>	<b>0.05</b>	<b>(0.04-0.06)</b>
Germ cell tumors, cysts and heterotopias	0.11	(0.09-0.13)	0.05	(0.04-0.06)
<b><u>TUMORS OF SELLAR REGION</u></b>	<b>2.10</b>	<b>(2.02-2.18)</b>	<b>2.17</b>	<b>(2.09-2.25)</b>
Pituitary	1.96	(1.88-2.04)	2.04	(1.96-2.12)
Craniopharyngioma	0.14	(0.12-0.16)	0.13	(0.12-0.16)
<b><u>LOCAL EXTENSIONS FROM REGIONAL TUMORS</u></b>	<b>0.02</b>	<b>(0.01-0.03)</b>	<b>0.02</b>	<b>(0.01-0.03)</b>
Chordoma/chondrosarcoma	0.02	(0.01-0.03)	0.02	(0.01-0.03)
<b><u>UNCLASSIFIED TUMORS</u></b>	<b>0.95</b>	<b>(0.89-1.01)</b>	<b>0.92</b>	<b>(0.87-0.97)</b>
Hemangioma	0.11	(0.09-0.13)	0.14	(0.12-0.16)
Neoplasm, unspecified	0.84	(0.78-0.89)	0.78	(0.73-0.83)
All other	-	-	-	-
<b>TOTAL<sup>b</sup></b>	<b>16.32</b>	<b>(16.09-16.55)</b>	<b>18.04</b>	<b>(17.81-18.26)</b>

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

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

- Rates are not presented when fewer than 16 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; CI, confidence interval; NOS, not otherwise specified.