

**TABLE 12: 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 2000-2004<sup>b</sup>**

HISTOLOGY	TOTAL	% OF ALL	MEDIAN AGE	ADJUSTED
	N	REPORTED BRAIN TUMORS	AT DIAGNOSIS	RATE (95% C.I.)
<b><u>TUMORS OF NEUROEPITHELIAL TISSUE</u></b>	<b>28,821</b>	<b>39.2</b>	<b>53</b>	<b>6.45 (6.37-6.52)</b>
Pilocytic astrocytoma	1,553	2.1	12	0.34 (0.32-0.36)
Protoplasmic & fibrillary astrocytoma	408	0.6	45	0.09 (0.08-0.10)
Anaplastic astrocytoma	1,999	2.7	51	0.44 (0.43-0.46)
Unique astrocytoma variants	398	0.5	36	0.09 (0.08-0.10)
Astrocytoma, NOS	1,922	2.6	46	0.43 (0.41-0.45)
<b>Glioblastoma</b>	<b>13,628</b>	<b>18.5</b>	<b>64</b>	<b>3.09 (3.04-3.14)</b>
Oligodendroglioma	1,473	2.0	41	0.32 (0.31-0.34)
Anaplastic oligodendroglioma	761	1.0	49	0.17 (0.16-0.18)
Ependymoma/anaplastic ependymoma	1,190	1.6	41	0.26 (0.25-0.28)
Ependymoma variants	349	0.5	40	0.08 (0.07-0.08)
Mixed glioma	818	1.1	42	0.18 (0.17-0.19)
Glioma malignant, NOS	1,837	2.5	41	0.41 (0.39-0.43)
Choroid plexus	206	0.3	21	0.04 (0.04-0.05)
Neuroepithelial	81	0.1	56	0.02 (0.01-0.02)
Non-malignant and malignant neuronal/gliial, neuronal and mixed	1,013	1.4	24	0.22 (0.21-0.24)
Pineal parenchymal	115	0.2	20	0.03 (0.02-0.03)
Embryonal/primitive/medulloblastoma	1,070	1.5	9	0.23 (0.22-0.25)
<b><u>TUMORS OF CRANIAL AND SPINAL NERVES</u></b>	<b>6,588</b>	<b>9.0</b>	<b>52</b>	<b>1.46 (1.43-1.50)</b>
Nerve sheath, non-malignant and malignant	6,586	9.0	52	1.46 (1.43-1.50)
<b><u>TUMORS OF MENINGES</u></b>	<b>24,518</b>	<b>33.3</b>	<b>63</b>	<b>5.55 (5.48-5.62)</b>
Meningioma	23,612	32.1	64	5.35 (5.28-5.42)
Other mesenchymal	281	0.4	44	0.06 (0.06-0.07)
Hemangioblastoma	625	0.8	48	0.14 (0.13-0.15)
<b><u>LYMPHOMAS AND HEMOPOIETIC NEOPLASMS</u></b>	<b>2,058</b>	<b>2.8</b>	<b>63</b>	<b>0.47 (0.45-0.49)</b>
Lymphoma	2,058	2.8	63	0.47 (0.45-0.49)
<b><u>GERM CELL TUMORS AND CYSTS</u></b>	<b>363</b>	<b>0.5</b>	<b>16</b>	<b>0.08 (0.07-0.09)</b>
Germ cell tumors, cysts and heterotopias	363	0.5	16	0.08 (0.07-0.09)
<b><u>TUMORS OF SELLAR REGION</u></b>	<b>6,701</b>	<b>9.1</b>	<b>49</b>	<b>1.49 (1.45-1.52)</b>
Pituitary	6,175	8.4	49	1.37 (1.34-1.41)
Craniopharyngioma	526	0.7	35	0.12 (0.11-0.13)
<b><u>LOCAL EXTENSIONS FROM REGIONAL TUMOR</u></b>	<b>95</b>	<b>0.1</b>	<b>50</b>	<b>0.02 (0.02-0.03)</b>
Chordoma/chondrosarcoma	95	0.1	50	0.02 (0.02-0.03)
<b><u>UNCLASSIFIED TUMORS</u></b>	<b>4,439</b>	<b>6.0</b>	<b>67</b>	<b>1.01 (0.98-1.04)</b>
Hemangioma	488	0.7	44	0.11 (0.10-0.12)
Neoplasm, unspecified	3,894	5.3	70	0.88 (0.86-0.91)
All other	57	0.1	50	0.01 (0.01-0.02)
<b>TOTAL<sup>c</sup></b>	<b>73,583</b>	<b>100.0</b>	<b>57</b>	<b>16.52 (16.40-16.64)</b>

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

<sup>b</sup>Includes data from 16 of the 19 registries listed in Table 5; North Dakota, South 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; CI, confidence interval; NOS, not otherwise specified.