

**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, CBTRUS 2000-2004<sup>b</sup>**

| HISTOLOGY  | MALES         |                      | FEMALES       |                      |
|--|---------------|----------------------|---------------|----------------------|
|  | ADJUSTED RATE | 95% C.I.             | ADJUSTED RATE | 95% C.I.             |
| <b><u>TUMORS OF NEUROEPITHELIAL TISSUE</u></b>                 | <b>7.70</b>   | <b>(7.58-7.82)</b>   | <b>5.39</b>   | <b>(5.29-5.48)</b>   |
| Pilocytic astrocytoma  | 0.34          | (0.32-0.37)          | 0.34          | (0.32-0.36)          |
| Protoplasmic & fibrillary astrocytoma                          | 0.10          | (0.09-0.11)          | 0.08          | (0.07-0.09)          |
| Anaplastic astrocytoma   | 0.53          | (0.50-0.56)          | 0.37          | (0.35-0.40)          |
| Unique astrocytoma variants                                    | 0.10          | (0.09-0.11)          | 0.08          | (0.07-0.09)          |
| Astrocytoma, NOS   | 0.49          | (0.46-0.52)          | 0.38          | (0.35-0.40)          |
| Glioblastoma   | 3.94          | (3.85-4.03)          | 2.38          | (2.32-2.45)          |
| Oligodendroglioma  | 0.35          | (0.33-0.38)          | 0.30          | (0.27-0.32)          |
| Anaplastic oligodendroglioma                                   | 0.19          | (0.17-0.21)          | 0.15          | (0.14-0.17)          |
| Ependymoma/anaplastic ependymoma                               | 0.29          | (0.26-0.31)          | 0.24          | (0.22-0.26)          |
| Ependymoma variants  | 0.09          | (0.08-0.11)          | 0.06          | (0.05-0.07)          |
| Mixed glioma   | 0.21          | (0.19-0.23)          | 0.15          | (0.14-0.17)          |
| Glioma malignant, NOS  | 0.44          | (0.41-0.47)          | 0.39          | (0.36-0.41)          |
| Choroid plexus   | 0.04          | (0.03-0.05)          | 0.05          | (0.04-0.06)          |
| Neuroepithelial  | 0.02          | (0.02-0.03)          | 0.01          | (0.01-0.02)          |
| Non-malignant and malignant neuronal/glial, neuronal and mixed | 0.25          | (0.23-0.27)          | 0.20          | (0.18-0.22)          |
| Pineal parenchymal   | 0.02          | (0.02-0.03)          | 0.03          | (0.02-0.04)          |
| Embryonal/primitive/medulloblastoma                            | 0.29          | (0.27-0.31)          | 0.18          | (0.16-0.20)          |
| <b><u>TUMORS OF CRANIAL AND SPINAL NERVES</u></b>              | <b>1.48</b>   | <b>(1.43-1.54)</b>   | <b>1.45</b>   | <b>(1.40-1.50)</b>   |
| Nerve sheath, non-malignant and malignant                      | 1.48          | (1.43-1.54)          | 1.45          | (1.40-1.50)          |
| <b><u>TUMORS OF MENINGES</u></b>                               | <b>3.38</b>   | <b>(3.30-3.47)</b>   | <b>7.38</b>   | <b>(7.27-7.49)</b>   |
| Meningioma   | 3.17          | (3.09-3.25)          | 7.19          | (7.09-7.30)          |
| Other mesenchymal, non-malignant and malignant                 | 0.06          | (0.05-0.07)          | 0.06          | (0.05-0.07)          |
| Hemangioblastoma   | 0.15          | (0.14-0.17)          | 0.13          | (0.11-0.14)          |
| <b><u>LYMPHOMAS AND HEMOPOIETIC NEOPLASMS</u></b>              | <b>0.55</b>   | <b>(0.52-0.58)</b>   | <b>0.39</b>   | <b>(0.37-0.42)</b>   |
| Lymphoma   | 0.55          | (0.52-0.58)          | 0.39          | (0.37-0.42)          |
| <b><u>GERM CELL TUMORS AND CYSTS</u></b>                       | <b>0.11</b>   | <b>(0.10-0.12)</b>   | <b>0.05</b>   | <b>(0.04-0.06)</b>   |
| Germ cell tumors, cysts and heterotopias                       | 0.11          | (0.10-0.12)          | 0.05          | (0.04-0.06)          |
| <b><u>TUMORS OF SELLAR REGION</u></b>                          | <b>1.49</b>   | <b>(1.43-1.54)</b>   | <b>1.53</b>   | <b>(1.48-1.58)</b>   |
| Pituitary  | 1.37          | (1.32-1.42)          | 1.42          | (1.37-1.47)          |
| Craniopharyngioma  | 0.12          | (0.11-0.14)          | 0.11          | (0.10-0.13)          |
| <b><u>LOCAL EXTENSIONS FROM REGIONAL TUMORS</u></b>            | <b>0.03</b>   | <b>(0.02-0.04)</b>   | <b>0.02</b>   | <b>(0.01-0.02)</b>   |
| Chordoma/chondrosarcoma  | 0.03          | (0.02-0.04)          | 0.02          | (0.01-0.02)          |
| <b><u>UNCLASSIFIED TUMORS</u></b>                              | <b>1.04</b>   | <b>(0.99-1.09)</b>   | <b>0.98</b>   | <b>(0.94-1.02)</b>   |
| Hemangioma   | 0.10          | (0.09-0.11)          | 0.12          | (0.10-0.13)          |
| Neoplasm, unspecified  | 0.92          | (0.88-0.97)          | 0.86          | (0.82-0.89)          |
| All other  | 0.02          | (0.01-0.02)          | 0.01          | (0.01-0.02)          |
| <b>TOTAL<sup>c</sup></b>                                       | <b>15.77</b>  | <b>(15.60-15.95)</b> | <b>17.19</b>  | <b>(17.02-17.36)</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.

- 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.