

**Table 18:  
Childhood (Ages 0-19) Primary (Malignant and Non-Malignant) Brain and CNS Tumor Incidence Rates<sup>a,b</sup> by Major Histology Groupings and Race, Age-Adjusted to the 2000 U.S. Standard Population CBTRUS 2002-2006<sup>c</sup>**

Histology Grouping	Whites		Blacks	
	Adjusted Rate	95% C.I.	Adjusted Rate	95% C.I.
<b><u>Tumors of Neuroepithelial Tissue</u></b>	<b>3.57</b>	<b>(3.46-3.69)</b>	<b>2.47</b>	<b>(2.25-2.70)</b>
Pilocytic astrocytoma	0.92	(0.87-0.98)	0.53	(0.43-0.64)
Anaplastic astrocytoma	0.07	(0.05-0.08)	-	-
Astrocytoma, NOS	0.24	(0.21-0.27)	0.18	(0.12-0.25)
Glioblastoma	0.15	(0.13-0.18)	0.13	(0.08-0.19)
Ependymoma/anaplastic ependymoma	0.29	(0.26-0.32)	0.15	(0.10-0.22)
Glioma malignant, NOS	0.56	(0.52-0.61)	0.40	(0.32-0.50)
Non-malignant and malignant neuronal/glial	0.39	(0.36-0.43)	0.28	(0.21-0.36)
Embryonal/primitive/medulloblastoma	0.52	(0.47-0.56)	0.31	(0.24-0.40)
<b><u>Tumors of Cranial and Spinal Nerves</u></b>	<b>0.28</b>	<b>(0.25-0.31)</b>	<b>0.14</b>	<b>(0.09-0.21)</b>
<b><u>Tumors of Meninges</u></b>	<b>0.19</b>	<b>(0.17-0.22)</b>	<b>0.12</b>	<b>(0.08-0.18)</b>
<b><u>Lymphomas and Hematopoietic Neoplasms</u></b>	-	-	-	-
<b><u>Germ Cell Tumors and Cysts</u></b>	<b>0.18</b>	<b>(0.16-0.21)</b>	<b>0.10</b>	<b>(0.06-0.15)</b>
<b><u>Tumors of Sellar Region</u></b>	<b>0.45</b>	<b>(0.41-0.50)</b>	<b>0.39</b>	<b>(0.31-0.49)</b>
Pituitary	0.31	(0.28-0.34)	0.27	(0.20-0.35)
Craniopharyngioma	0.14	(0.12-0.17)	0.12	(0.08-0.18)
<b><u>Local Extensions from Regional Tumors</u></b>	-	-	-	-
<b><u>Unclassified Tumors</u></b>	<b>0.27</b>	<b>(0.24-0.30)</b>	<b>0.17</b>	<b>(0.12-0.24)</b>
<b>TOTAL<sup>d</sup></b>	<b>4.97</b>	<b>(4.84-5.10)</b>	<b>3.41</b>	<b>(3.16-3.69)</b>
<b>Male</b>	<b>5.14</b>	<b>(4.95-5.33)</b>	<b>3.45</b>	<b>(3.09-3.84)</b>
<b>Female</b>	<b>4.79</b>	<b>(4.60-4.98)</b>	<b>3.37</b>	<b>(3.01-3.76)</b>

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

<sup>b</sup>Population data source: Estimates from the U.S. Bureau of the Census, <http://seer.cancer.gov/popdata/index.html>

<sup>c</sup>Data compiled from Arizona, Colorado, Connecticut, Delaware, Idaho, Maine, Massachusetts, Minnesota, Montana, New Mexico, New York, North Carolina, North Dakota, Rhode Island, South Dakota, Texas, Utah, and Virginia.

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

-Counts are not presented when fewer than 16 cases were reported for the specific histology category. The suppressed cases are included in the counts for totals

Abbreviations: CBTRUS, Central Brain Tumor Registry of the United States; SEER, Surveillance, Epidemiology and End Results Program; CI, confidence interval; NOS, not otherwise specified; CNS, central nervous system.