

Table 17:
Selected Childhood (Ages 0-19) Primary (Malignant and Non-Malignant) Brain and CNS Tumor
Incidence Rates^{a,b} by Major Histology Groupings, Histology and Gender, Age-Adjusted to the
2000 U.S. Standard Population
CBTRUS 2002-2006^c

Histology	Male		Female		TOTAL	
	Adjusted Rate	95% C.I.	Adjusted Rate	95% C.I.	Adjusted Rate	95% C.I.
<u>Tumors of Neuroepithelial Tissue</u>	3.60	(3.46-3.74)	3.16	(3.02-3.30)	3.38	(3.29-3.48)
Pilocytic astrocytoma	0.89	(0.82-0.97)	0.82	(0.75-0.89)	0.86	(0.81-0.91)
Anaplastic astrocytoma	0.07	(0.06-0.10)	0.05	(0.04-0.08)	0.06	(0.05-0.08)
Astrocytoma, NOS	0.26	(0.22-0.30)	0.20	(0.16-0.23)	0.23	(0.20-0.25)
Glioblastoma	0.17	(0.14-0.20)	0.12	(0.10-0.15)	0.15	(0.13-0.17)
Ependymoma/anaplastic ependymoma	0.28	(0.24-0.33)	0.25	(0.21-0.29)	0.27	(0.24-0.30)
Glioma malignant, NOS	0.51	(0.46-0.57)	0.56	(0.50-0.62)	0.54	(0.50-0.58)
Non-malignant and malignant neuronal/glia	0.40	(0.35-0.45)	0.34	(0.30-0.39)	0.37	(0.34-0.41)
Embryonal/primitive/medulloblastoma	0.57	(0.51-0.63)	0.40	(0.35-0.45)	0.48	(0.45-0.52)
<u>Tumors of Cranial and Spinal Nerves</u>	0.28	(0.24-0.32)	0.25	(0.21-0.29)	0.26	(0.24-0.29)
<u>Tumors of Meninges</u>	0.18	(0.15-0.22)	0.18	(0.15-0.22)	0.18	(0.16-0.21)
<u>Lymphomas and Hematopoietic Neoplasms</u>	-	-	-	-	0.02	(0.01-0.02)
<u>Germ Cell Tumors and Cysts</u>	0.24	(0.20-0.28)	0.11	(0.09-0.14)	0.18	(0.16-0.20)
<u>Tumors of Sellar Region</u>	0.31	(0.27-0.35)	0.62	(0.56-0.68)	0.46	(0.42-0.50)
Pituitary	0.17	(0.14-0.20)	0.47	(0.42-0.53)	0.32	(0.29-0.35)
Craniopharyngioma	0.14	(0.12-0.17)	0.15	(0.12-0.18)	0.14	(0.12-0.17)
<u>Local Extensions from Regional Tumors</u>	-	-	-	-	-	-
<u>Unclassified Tumors</u>	0.25	(0.21-0.29)	0.26	(0.22-0.30)	0.25	(0.23-0.28)
TOTAL^d	4.87	(4.71-5.04)	4.60	(4.44-4.77)	4.74	(4.62-4.86)

^aRates are per 100,000 person years.

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

^cData 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.

^dRefers 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.