

TABLE 19: SELECTED CHILDHOOD PRIMARY (MALIGNANT AND NON-MALIGNANT) BRAIN AND CENTRAL NERVOUS SYSTEM TUMOR AGE-SPECIFIC INCIDENCE RATES^a (AGES 0-19), BY AGE AT DIAGNOSIS, CBTRUS 2000-2004^b

HISTOLOGY	AGE AT DIAGNOSIS								AGE AT DIAGNOSIS			
	0-4		5-9		10-14		15-19		0-19		0-14	
	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.	ADJUSTED RATE	95% C.I.
TUMORS OF NEUROEPITHELIAL TISSUE	4.43	(4.20-4.66)	3.71	(3.50-3.93)	2.99	(2.81-3.18)	2.50	(2.33-2.68)	3.40	(3.30-3.50)	3.70	(3.58-3.82)
Pilocytic astrocytoma	0.99	(0.89-1.11)	1.01	(0.91-1.13)	0.83	(0.74-0.94)	0.63	(0.55-0.72)	0.87	(0.82-0.92)	0.94	(0.88-1.01)
Anaplastic astrocytoma	0.06	(0.03-0.09)	0.08	(0.06-0.12)	0.07	(0.04-0.10)	0.07	(0.05-0.11)	0.07	(0.06-0.09)	0.07	(0.05-0.09)
Astrocytoma, NOS	0.26	(0.21-0.33)	0.24	(0.19-0.30)	0.20	(0.15-0.25)	0.22	(0.17-0.27)	0.23	(0.20-0.26)	0.23	(0.20-0.27)
Glioblastoma	0.10	(0.07-0.14)	0.15	(0.11-0.20)	0.14	(0.10-0.19)	0.16	(0.12-0.21)	0.14	(0.12-0.16)	0.13	(0.11-0.16)
Ependymoma/anaplastic ependymoma	0.44	(0.37-0.52)	0.20	(0.15-0.26)	0.16	(0.12-0.21)	0.15	(0.11-0.19)	0.23	(0.21-0.26)	0.27	(0.23-0.30)
Glioma malignant, NOS	0.67	(0.59-0.77)	0.68	(0.59-0.77)	0.44	(0.37-0.52)	0.19	(0.14-0.24)	0.49	(0.45-0.53)	0.59	(0.55-0.65)
Benign and malignant neuronal/glial, neuronal and mixed	0.42	(0.35-0.49)	0.26	(0.20-0.32)	0.30	(0.25-0.37)	0.36	(0.29-0.43)	0.33	(0.30-0.36)	0.32	(0.29-0.36)
Embryonal/primitive/medulloblastoma	1.06	(0.95-1.17)	0.73	(0.64-0.83)	0.39	(0.32-0.46)	0.24	(0.19-0.30)	0.60	(0.56-0.64)	0.72	(0.67-0.77)
TUMORS OF CRANIAL AND SPINAL NERVES	0.17	(0.13-0.22)	0.14	(0.11-0.19)	0.17	(0.13-0.22)	0.28	(0.23-0.35)	0.19	(0.17-0.22)	0.16	(0.14-0.19)
TUMORS OF MENINGES	0.13	(0.10-0.18)	0.10	(0.07-0.15)	0.13	(0.09-0.17)	0.30	(0.24-0.37)	0.17	(0.15-0.19)	0.12	(0.10-0.15)
LYMPHOMAS AND HEMOPOIETIC NEOPLASMS	-	-	-	-	-	-	-	-	0.02	(0.01-0.03)	-	-
GERM CELL TUMORS	0.10	(0.07-0.14)	0.13	(0.09-0.17)	0.27	(0.22-0.33)	0.21	(0.17-0.27)	0.18	(0.16-0.20)	0.17	(0.14-0.19)
TUMORS OF SELLAR REGION	0.12	(0.08-0.16)	0.24	(0.19-0.30)	0.28	(0.22-0.34)	0.70	(0.61-0.80)	0.34	(0.31-0.37)	0.21	(0.19-0.25)
Pituitary	-	-	0.05	(0.03-0.08)	0.13	(0.10-0.18)	0.60	(0.52-0.69)	0.20	(0.18-0.23)	0.07	(0.05-0.09)
Craniopharyngioma	0.09	(0.06-0.13)	0.19	(0.15-0.25)	0.14	(0.11-0.19)	0.10	(0.07-0.14)	0.13	(0.12-0.16)	0.15	(0.12-0.17)
LOCAL EXTENSIONS FROM REGIONAL TUMORS	-	-	-	-	-	-	-	-	-	-	-	-
UNCLASSIFIED TUMORS	0.26	(0.20-0.32)	0.19	(0.14-0.24)	0.23	(0.18-0.29)	0.28	(0.23-0.35)	0.24	(0.21-0.27)	0.22	(0.20-0.26)
TOTAL^c	5.23	(4.98-5.48)	4.53	(4.30-4.77)	4.09	(3.88-4.32)	4.31	(4.09-4.54)	4.53	(4.42-4.65)	4.61	(4.47-4.74)

^aRates are per 100,000 person-years.

^bIncludes data from 16 of the 19 registries listed in Table 5; North Dakota, South Dakota, and West Virginia are excluded.

^cRefers to all childhood 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.