

S2 Table. Age-specific incidence rate of primary brain and other CNS tumors by histology

| Histological group | 10-Year total | Children (0-14 yr) ^{a)} | AYA (15-39 yr) ^{a)} | Adults (40-64 yr) ^{a)} | Seniors (≥ 65 yr) ^{a)} |
|--|---------------|----------------------------------|------------------------------|---------------------------------|---------------------------------|
| Tumors of neuroepithelial tissue | 16,012 | 2.45 (2.34-2.56) | 2.05 (1.98-2.11) | 3.68 (3.59-3.77) | 6.33 (6.12-6.53) |
| Pilocytic astrocytoma | 702 | 0.40 (0.35-0.44) | 0.16 (0.14-0.18) | 0.05 (0.04-0.05) | 0.03 (0.01-0.04) |
| Diffuse astrocytoma | 1,193 | 0.13 (0.10-0.15) | 0.21 (0.19-0.23) | 0.28 (0.26-0.30) | 0.34 (0.29-0.39) |
| Anaplastic astrocytoma | 979 | 0.07 (0.05-0.09) | 0.13 (0.12-0.15) | 0.26 (0.23-0.28) | 0.37 (0.32-0.42) |
| Unique astrocytoma variants | 390 | 0.08 (0.06-0.10) | 0.06 (0.05-0.08) | 0.08 (0.06-0.09) | 0.13 (0.10-0.16) |
| Glioblastoma | 5,796 | 0.12 (0.10-0.15) | 0.34 (0.32-0.37) | 1.58 (1.52-1.64) | 3.82 (3.66-3.98) |
| Oligodendroglioma | 756 | 0.03 (0.01-0.04) | 0.14 (0.12-0.15) | 0.22 (0.20-0.25) | 0.13 (0.10-0.16) |
| Anaplastic oligodendroglioma | 580 | 0.01 (0.00-0.01) | 0.07 (0.06-0.09) | 0.19 (0.17-0.21) | 0.16 (0.13-0.20) |
| Oligoastrocytic tumors | 349 | 0.01 (0.00-0.01) | 0.08 (0.06-0.09) | 0.10 (0.08-0.11) | 0.04 (0.03-0.06) |
| Ependymal tumors | 1,259 | 0.19 (0.16-0.22) | 0.22 (0.19-0.24) | 0.31 (0.29-0.34) | 0.25 (0.21-0.30) |
| Glioma malignant, NOS | 1,599 | 0.32 (0.28-0.36) | 0.20 (0.18-0.22) | 0.29 (0.27-0.32) | 0.76 (0.69-0.83) |
| Choroid plexus tumors | 237 | 0.09 (0.07-0.11) | 0.03 (0.03-0.04) | 0.04 (0.03-0.05) | 0.06 (0.04-0.08) |
| Other neuroepithelial tumors | 33 | 0.01 (0.00-0.02) | 0.00 (0.00-0.00) | 0.01 (0.00-0.01) | 0.01 (0.00-0.01) |
| Neuronal and mixed neuronal-glial tumors | 1,147 | 0.28 (0.24-0.31) | 0.28 (0.25-0.30) | 0.19 (0.17-0.21) | 0.13 (0.10-0.16) |
| Tumors of the pineal region | 211 | 0.04 (0.03-0.06) | 0.03 (0.03-0.04) | 0.05 (0.04-0.06) | 0.05 (0.03-0.06) |
| Embryonal tumors | 781 | 0.69 (0.63-0.75) | 0.08 (0.06-0.09) | 0.04 (0.03-0.05) | 0.04 (0.03-0.06) |
| Tumors of cranial and spinal nerves | 13,109 | 0.25 (0.21-0.28) | 1.31 (1.25-1.36) | 4.17 (4.07-4.26) | 5.12 (4.93-5.30) |
| Nerve sheath tumors | 13,101 | 0.25 (0.21-0.28) | 1.31 (1.25-1.36) | 4.16 (4.07-4.26) | 5.12 (4.93-5.30) |
| Other tumors of cranial and spinal nerves | 8 | | | 0.00 (0.00-0.01) | 0.00 (0.00-0.01) |
| Tumors of meninges | 43,572 | 0.18 (0.15-0.21) | 1.68 (1.62-1.74) | 12.55 (12.38-12.71) | 30.60 (30.15-31.06) |
| Meningioma | 41,438 | 0.11 (0.08-0.13) | 1.33 (1.28-1.38) | 11.95 (11.79-12.11) | 30.00 (29.55-30.45) |
| Mesenchymal tumors | 725 | 0.05 (0.03-0.07) | 0.11 (0.10-0.13) | 0.20 (0.18-0.22) | 0.19 (0.15-0.22) |
| Primary melanocytic lesions | 58 | 0.01 (0.00-0.01) | 0.01 (0.00-0.01) | 0.02 (0.01-0.02) | 0.02 (0.01-0.03) |
| Other neoplasms related to the meninges | 1,351 | 0.02 (0.01-0.04) | 0.23 (0.21-0.25) | 0.38 (0.35-0.40) | 0.40 (0.35-0.45) |
| Lymphomas and hematopoietic neoplasms | 2,033 | 0.07 (0.05-0.09) | 0.09 (0.07-0.10) | 0.53 (0.49-0.56) | 1.50 (1.40-1.60) |
| Lymphoma | 1,942 | 0.02 (0.01-0.03) | 0.07 (0.06-0.08) | 0.52 (0.49-0.55) | 1.49 (1.39-1.59) |
| Other hematopoietic neoplasms | 91 | 0.05 (0.04-0.07) | 0.02 (0.01-0.02) | 0.01 (0.00-0.01) | 0.01 (0.00-0.01) |
| Germ cell tumors and cysts | 1,083 | 0.50 (0.45-0.55) | 0.30 (0.28-0.33) | 0.06 (0.05-0.07) | 0.04 (0.02-0.05) |
| germ cell tumors, cysts and heterotopias | 1,083 | 0.50 (0.45-0.55) | 0.30 (0.28-0.33) | 0.06 (0.05-0.07) | 0.04 (0.02-0.05) |
| Tumors of sellar region | 24,250 | 0.57 (0.52-0.63) | 4.09 (4.00-4.19) | 6.51 (6.39-6.63) | 7.71 (7.49-7.94) |
| Tumors of the pituitary | 22,751 | 0.31 (0.27-0.35) | 3.87 (3.78-3.96) | 6.15 (6.03-6.26) | 7.33 (7.11-7.55) |
| Craniopharyngioma | 1,499 | 0.27 (0.23-0.30) | 0.22 (0.20-0.24) | 0.36 (0.34-0.39) | 0.39 (0.33-0.44) |

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| Unclassified tumors | 14,991 | 1.01 (0.94-1.08) | 1.55 (1.50-1.61) | 3.52 (3.44-3.61) | 8.61 (8.37-8.85) |
| Hemangioma | 3,418 | 0.26 (0.23-0.30) | 0.52 (0.49-0.55) | 0.98 (0.93-1.02) | 0.83 (0.75-0.90) |
| Neoplasm, unspecified | 11,458 | 0.74 (0.68-0.80) | 1.03 (0.98-1.08) | 2.53 (2.45-2.60) | 7.67 (7.45-7.90) |
| All other | 115 | 0.01 (0.00-0.02) | 0.00 (0.00-0.01) | 0.02 (0.01-0.03) | 0.11 (0.08-0.14) |
| Total | 115,050 | 5.04 (4.88-5.20) | 11.07 (10.92-11.22) | 31.02 (30.76-31.27) | 59.91 (59.28-60.55) |
| Malignant | 21,411 | 2.76 (2.64-2.87) | 2.29 (2.22-2.36) | 4.68 (4.58-4.78) | 11.40 (11.12-11.67) |
| Non-malignant | 93,639 | 2.29 (2.18-2.39) | 8.78 (8.64-8.91) | 26.34 (26.10-26.57) | 48.51 (47.94-49.09) |

AYA, adolescences and young adults; CNS, central nervous system; NOS, not otherwise specified. ^{a)}Age-specific incidence rate with 95% confidence interval.