

Table 3.7
Cancer of the Brain and Other Nervous System (Invasive)
SEER Incidence^a and U.S. Death^b Rates, Age-Adjusted and Age-Specific Rates, by Race and Sex

| | All Races | | | Whites | | | Blacks | | |
|--|-----------|-------|---------|--------|-------|---------|--------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>SEER Incidence</u> | | | | | | | | | |
| <u>Age at Diagnosis</u> | | | | | | | | | |
| Age-Adjusted Rates, 2009-2013 | | | | | | | | | |
| All ages | 6.4 | 7.6 | 5.4 | 7.1 | 8.3 | 6.0 | 4.1 | 4.9 | 3.6 |
| Under 65 | 4.5 | 5.2 | 3.9 | 5.0 | 5.7 | 4.3 | 3.1 | 3.4 | 2.7 |
| 65 and over | 19.4 | 24.1 | 15.9 | 21.3 | 26.4 | 17.5 | 11.7 | 15.0 | 9.6 |
| All ages (IARC world std) ^c | 5.3 | 6.1 | 4.5 | 5.8 | 6.7 | 5.0 | 3.5 | 4.0 | 3.2 |
| Age-Specific Rates, 2009-2013 | | | | | | | | | |
| <1 | 3.7 | 3.9 | 3.6 | 3.8 | 4.3 | 3.3 | 3.7 | - | 5.0 |
| 1-4 | 4.2 | 4.4 | 3.9 | 4.5 | 4.7 | 4.3 | 3.3 | 3.1 | 3.5 |
| 5-9 | 3.5 | 3.5 | 3.5 | 3.7 | 3.8 | 3.6 | 3.0 | 2.7 | 3.4 |
| 10-14 | 2.7 | 2.8 | 2.5 | 2.9 | 3.1 | 2.7 | 2.2 | 2.3 | 2.1 |
| 15-19 | 2.2 | 2.4 | 2.1 | 2.4 | 2.6 | 2.1 | 1.8 | 2.0 | 1.6 |
| 20-24 | 2.2 | 2.3 | 2.1 | 2.4 | 2.6 | 2.3 | 1.4 | 1.4 | 1.3 |
| 25-29 | 2.8 | 3.1 | 2.5 | 3.2 | 3.5 | 2.9 | 1.4 | 1.5 | 1.3 |
| 30-34 | 3.4 | 4.0 | 2.9 | 3.9 | 4.4 | 3.3 | 2.2 | 2.5 | 2.0 |
| 35-39 | 3.7 | 4.5 | 2.9 | 4.0 | 5.0 | 3.1 | 2.4 | 2.6 | 2.1 |
| 40-44 | 4.0 | 4.8 | 3.2 | 4.4 | 5.1 | 3.6 | 2.8 | 3.8 | 2.0 |
| 45-49 | 5.8 | 6.9 | 4.8 | 6.5 | 7.7 | 5.3 | 3.7 | 4.0 | 3.4 |
| 50-54 | 7.2 | 8.6 | 6.0 | 8.2 | 9.5 | 6.8 | 4.6 | 5.5 | 3.8 |
| 55-59 | 10.1 | 12.1 | 8.2 | 11.2 | 13.4 | 9.1 | 6.8 | 8.2 | 5.6 |
| 60-64 | 13.2 | 15.7 | 10.8 | 14.9 | 17.7 | 12.4 | 7.1 | 8.8 | 5.7 |
| 65-69 | 16.5 | 19.7 | 13.6 | 18.2 | 21.6 | 15.1 | 10.8 | 13.9 | 8.5 |
| 70-74 | 18.6 | 23.1 | 14.8 | 20.7 | 25.6 | 16.5 | 10.4 | 12.9 | 8.6 |
| 75-79 | 22.2 | 27.0 | 18.5 | 24.5 | 29.7 | 20.4 | 12.8 | 15.2 | 11.2 |
| 80-84 | 22.5 | 29.3 | 18.0 | 24.4 | 31.6 | 19.4 | 14.4 | 20.1 | 11.3 |
| 85+ | 19.2 | 24.6 | 16.5 | 20.6 | 26.5 | 17.6 | 11.1 | 15.4 | 9.4 |
| <u>U.S. Mortality</u> | | | | | | | | | |
| <u>Age at Death</u> | | | | | | | | | |
| Age-Adjusted Rates, 2009-2013 | | | | | | | | | |
| All ages | 4.3 | 5.3 | 3.5 | 4.7 | 5.7 | 3.8 | 2.5 | 3.1 | 2.1 |
| Under 65 | 2.4 | 2.9 | 1.9 | 2.6 | 3.2 | 2.1 | 1.5 | 1.8 | 1.2 |
| 65 and over | 17.7 | 21.8 | 14.7 | 19.1 | 23.3 | 15.9 | 9.8 | 12.4 | 8.1 |
| All ages (IARC world std) ^c | 3.1 | 3.7 | 2.5 | 3.4 | 4.0 | 2.7 | 1.8 | 2.2 | 1.5 |
| Age-Specific Rates, 2009-2013 | | | | | | | | | |
| <1 | 0.4 | 0.4 | 0.3 | 0.4 | 0.5 | 0.3 | - | - | - |
| 1-4 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 |
| 5-9 | 0.9 | 1.0 | 0.9 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.9 |
| 10-14 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 |
| 15-19 | 0.5 | 0.6 | 0.4 | 0.5 | 0.6 | 0.4 | 0.6 | 0.6 | 0.5 |
| 20-24 | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.5 | 0.5 | 0.5 | 0.4 |
| 25-29 | 0.8 | 1.0 | 0.6 | 0.9 | 1.1 | 0.6 | 0.5 | 0.6 | 0.5 |
| 30-34 | 1.1 | 1.4 | 0.9 | 1.3 | 1.6 | 1.0 | 0.6 | 0.7 | 0.5 |
| 35-39 | 1.6 | 2.0 | 1.2 | 1.8 | 2.3 | 1.4 | 1.0 | 1.2 | 0.8 |
| 40-44 | 2.3 | 2.9 | 1.7 | 2.6 | 3.2 | 1.9 | 1.3 | 1.6 | 1.0 |
| 45-49 | 3.5 | 4.4 | 2.7 | 4.0 | 4.9 | 3.1 | 2.0 | 2.4 | 1.6 |
| 50-54 | 5.3 | 6.6 | 4.1 | 5.9 | 7.3 | 4.6 | 3.1 | 3.9 | 2.4 |
| 55-59 | 7.8 | 9.7 | 6.1 | 8.7 | 10.6 | 6.8 | 4.4 | 5.7 | 3.3 |
| 60-64 | 11.0 | 13.2 | 9.1 | 12.1 | 14.2 | 10.1 | 6.3 | 8.0 | 4.9 |
| 65-69 | 14.0 | 16.9 | 11.5 | 15.3 | 18.3 | 12.6 | 7.1 | 9.1 | 5.5 |
| 70-74 | 17.0 | 20.6 | 13.9 | 18.5 | 22.1 | 15.3 | 9.1 | 11.6 | 7.2 |
| 75-79 | 19.8 | 24.3 | 16.4 | 21.5 | 26.2 | 17.7 | 10.1 | 13.0 | 8.3 |
| 80-84 | 21.5 | 26.3 | 18.3 | 22.7 | 27.5 | 19.3 | 13.8 | 17.9 | 11.5 |
| 85+ | 19.4 | 25.3 | 16.5 | 20.2 | 26.5 | 17.1 | 12.2 | 13.8 | 11.6 |

^a SEER 18 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

^b US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

^c Rates are per 100,000 and are age-adjusted to the IARC world standard population.

- Statistic not shown. Rate based on less than 16 cases for the time interval.