Dataset Description

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| Variable name | Type | Indicator | Description |
| gender | Categorical | M – Male F – Female A – All (Combined) | **Sex assigned at birth** |
| count | Numeric |  | **Number of people** |
| year | Numeric |  | **Year of Census** |
| state |  |  | **Name of US State/Puerto Rico** |
| pop | Numeric |  | **Total Population of the State** |
| cr | Numeric |  | **Crude Rate** |
| crl | Numeric |  | **Crude Rate Lower 95% Confidence Interval** |
| cru | Numeric |  | **Crude Rate Upper 95% Confidence Interval** |
| cr\_se | Numeric |  | **Crude Rate Standard Error** |
| agegrp | Numeric |  | **Age Group of Patients** |
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| Dataset: United States and Puerto Rico Cancer Statistics, 1999-2021 Incidence |
| Query Parameters: |
| Title: Brain-Cancer data - 3 |
| Age Groups: 1-4 years; 5-9 years; 10-14 years; 15-19 years; 20-24 years; 25-29 years; 30-34 years; 35-39 years; 40-44 years; |
| 45-49 years; 50-54 years; 55-59 years; 60-64 years ; 65-69 years; 70-74 years; 75-79 years; 80-84 years |
| Cancer Sites: Brain and Other Nervous System |
| Year: 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008; 2009; 2010; 2011; 2012; 2013; 2014; 2015; 2016; 2017; 2018; |
| 2019; 2020; 2021 |
| Group By: States and Puerto Rico; Year; Age Groups; Sex |
| Show Totals: Disabled |
| Show Zero Values: True |
| Show Suppressed: True |
| Calculate Rates Per: 100,000 |
| Standard Population: World Std. Million |
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| Help: See http://wonder.cdc.gov/wonder/help/cancer-v2021.html for more information. |
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| Query Date: Dec 16, 2024 7:50:21 PM |
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| Suggested Citation: United States Cancer Statistics - Incidence: 1999 - 2021, WONDER Online Database. United States Department |
| of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; 2023 submission; 2024 |
| release. Accessed at http://wonder.cdc.gov/cancer-v2021.html on Dec 16, 2024 7:50:21 PM |
| Messages: |
| http://wonder.cdc.gov/wonder/help/faq.html#Privacy. |
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| Caveats: |
| 1. Statistics are suppressed to protect personal privacy, for the following conditions: <ol><li> Data are suppressed if the |
| figures represent fewer than 16 cases for the specific category in the table cell. </li><li> Counts and rates are suppressed for |
| cells at the Metropolitan Statistical Area (MSA) level for the race categories "American Indian or Alaska Native" or "Asian |
| or Pacific Islander" when the specific category's population for rate calculations is less than 50,000 persons. </li><li> Data |
| are suppressed at the state and MSA level for certain race and ethnicity groups: <ul><li> American Indian or Alaska Native data |
| are suppressed at the state and MSA level for residents of Illinois, Kansas, New Jersey, and New York; </li><li> Hispanic Asian |
| or Pacific Islander and Hispanic Black or African American data are suppressed at the state and MSA level for residents of |
| Kansas; </li><li> Race by ethnicity data are suppressed for state specific statistics for residents of North Dakota and |
| Wisconsin. Ethnicity data are also suppressed for residents of North Dakota and Wisconsin. </li></ul> </li></ol> States decide |
| whether to suppress data for specific race and ethnicity categories. The suppression criteria may vary in previous releases of |
| these data More information: http://wonder.cdc.gov/wonder/help/cancer-v2021.html#Confidentiality. |
| 2. 'Missing' is displayed for a combination of states/territories/MSAs and years that did not meet the United States Cancer |
| Statistics (USCS) publication standard or did not allow permission for their data to be used. |
| 3. Age-adjusted rates are not available when results are grouped by age. |
| 4. These states are missing data for the indicated year: Indiana 2020-2021; Mississippi 1999-2002; South Dakota 1999-2000; |
| Puerto Rico 1999-2004. |
| 5. Puerto Rico's 2017 incidence counts and rates are based on the first six months of reported data (January to June 2017) |
| coupled with half of the population estimate. Cases with unknown month of diagnosis were included. Data from July to December |
| 2017 are excluded to account for the population shift that occurred due to Hurricane Maria. |
| 6. Data are from selected statewide and metropolitan area cancer registries that meet data quality criteria. Incidence data |
| shown for the United States are diagnoses and populations from included registries only. |
| 7. Information on primary site, behavior, and histology was coded according to the International Classification of Diseases for |
| Oncology, Third Edition (ICD-O-3) and categorized according to the revised SEER recodes dated March 1, 2018, which define |
| standard groupings of primary cancer sites. |
| 8. For the 2005 year, the Census Bureau estimates that 203,937 persons were displaced from Alabama, Louisiana, Mississippi and |
| Texas due to Hurricanes Katrina and Rita. CDC WONDER does not include the displaced persons in the 2005 population counts for |
| these states, nor are these counts included in the summary populations for the affected division, regions or national |
| population. However, the USCS web site does include these displaced persons in the national population figures for 2005. |

Suggested Citation: United States Cancer Statistics - Incidence: 1999 - 2021, WONDER Online Database. United States Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; 2023 submission; 2024 release. Accessed at http://wonder.cdc.gov/cancer-v2021.html on Dec 16, 2024 8:20:01 PM

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| Factor | Data Source | Relevance |
| Radiation Exposure | EPA Radiation Data | Known carcinogen for brain cancer. |
| Air Quality (PM2.5, PM10) | EPA Air Quality System | Possible environmental stressor. |
| Age Distribution | CDC WONDER | Higher age → increased incidence. |
| Occupational Risks | NIOSH | Exposure to chemicals/metals. |
| Healthcare Access (MRI) | CDC / Hospital Datasets | Better access → higher detection rates. |