

Table 3.15
Cancer of the Brain And Other Nervous System (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.5	5.3	-0.3*	-0.4*	-0.2*	-0.2*	-0.4*	-0.2
White	7.0	8.3	5.9	-0.1	-0.2*	-0.1	-0.1	-0.3*	0.0
White Hispanic ^e	5.2	6.0	4.5	-1.4*	-0.3	-0.8*	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.4	0.1	-0.1	0.2	-	-	-
Black	4.0	4.8	3.5	-0.1	0.1	-0.3	0.1	-0.1	0.4
Asian/Pacific Islander	3.7	4.4	3.1	-0.2	-0.1	-0.3	-	-	-
Amer Ind/Alaska Nat ^f	3.1	4.1	2.3	-6.7	-0.5	-	-	-	-
Hispanic ^e	4.9	5.7	4.3	-1.6*	-0.3	-0.8*	-	-	-
U.S. Mortality ^g	Rate 2010-2014			Trend 2005-2014 ^h			AAPC (%)		
RACE/ETHNICITY	Rate per 100,000 persons			Total	Males	Females	Total	Males	Females
All Races	4.3	5.3	3.5	0.2	0.2	0.2	-	-	-
White	4.7	5.7	3.8	0.3	0.3	0.3	-	-	-
White Hispanic ^e	3.1	3.6	2.6	0.2	0.2	0.2	-	-	-
White Non-Hispanic ^e	4.9	6.0	4.0	0.5*	0.5*	0.4	-	-	-
Black	2.6	3.2	2.1	0.9	-0.4*	-0.5*	-	-	-
Asian/Pacific Islander	2.1	2.4	1.8	0.3	0.4	0.2	-	-	-
Amer Ind/Alaska Nat									
Total U.S.	2.1	2.4	1.8	0.2	-0.2	0.7	-	-	-
CHSDA Counties	2.5	3.0	2.0	1.2*	1.2	1.4	-	-	-
Non-CHSDA Counties	1.6	1.7	1.5	-1.3	-2.3	-0.5	-	-	-
Hispanic ^e	2.9	3.4	2.4	0.1	0.0	0.1	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

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

a Trend based on less than 10 cases for at least one year within the time interval.

b Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

c The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

d The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

e The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

f The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

g The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

h Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

i Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

j US Mortality Files, National Center for Health Statistics, CDC.

k The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).