

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

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

SEER Incidence	SEER 18 Areas <sup>b</sup>			SEER 13 Areas <sup>b</sup>			SEER 9 Areas <sup>b</sup>		
	Rate 2010-2014			Trend 2005-2014 <sup>c</sup>			Trend 2005-2014 <sup>d</sup>		
	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 <sup>e</sup>	5.2	6.0	4.5	-1.4*	-0.3	-0.8*	-	-	-
White Non-Hispanic <sup>e</sup>	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 <sup>f</sup>	3.1	4.1	2.3	-6.7	-0.5	-	-	-	-
Hispanic <sup>e</sup>	4.9	5.7	4.3	-1.6*	-0.3	-0.8*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
RACE/ETHNICITY	Rate 2010-2014			Trend 2005-2014 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
	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 <sup>e</sup>	3.1	3.6	2.6	0.2	0.2	0.2			
White Non-Hispanic <sup>e</sup>	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 <sup>e</sup>	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.

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

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).

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

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

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

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

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

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.

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

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

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).