

Table 3.1
Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2008 With up to Five Joinpoints, 1992-2008 With up to Three Joinpoints,
Both Sexes by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1999-08	2004-08
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2008</u>														
All Races	1975-87	1.5*	1987-08	-0.2									-0.2	-0.2
White	1975-87	1.6*	1987-08	0.0									0.0	0.0
Black	1975-08	0.2											0.2	0.2
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2008</u>														
All Races	1992-08	-0.1											-0.1	-0.1
White	1992-08	0.0											0.0	0.0
Black	1992-08	-0.1											-0.1	-0.1
<u>SEER 9 Observed Incidence^a, 1975-2008</u>														
All Races	1975-87	1.5*	1987-08	-0.3*									-0.3*	-0.3*
White	1975-87	1.6*	1987-08	-0.1									-0.1	-0.1
Black	1975-08	0.1											0.1	0.1
<u>SEER 13 Observed Incidence^b, 1992-2008</u>														
All Races	1992-08	-0.3*											-0.3*	-0.3*
White	1992-08	-0.1											-0.1	-0.1
White NH ^{ef}	1992-08	0.0											0.0	0.0
Black	1992-08	-0.3											-0.3	-0.3
Black NH ^{ef}	1992-08	-0.4											-0.4	-0.4
API ^e	1992-08	-0.4											-0.4	-0.4
AI/AN ^{eg}	1992-08	4.9*											4.9*	4.9*
Hispanic ^f	1992-08	-0.1											-0.1	-0.1
<u>U.S. Cancer Mortality^c, 1975-2008</u>														
All Races	1975-83	0.5	1983-91	1.3*	1991-08	-0.9*							-0.9*	-0.9*
White	1975-92	1.0*	1992-08	-0.8*									-0.8*	-0.8*
Black	1975-91	0.9*	1991-08	-0.9*									-0.9*	-0.9*
<u>U.S. Cancer Mortality^c, 1992-2008</u>														
All Races	1992-08	-0.9*											-0.9*	-0.9*
White	1992-08	-0.8*											-0.8*	-0.8*
White NH ^{ef}	1992-08	-0.7*											-0.7*	-0.7*
Black	1992-08	-1.0*											-1.0*	-1.0*
Black NH ^{ef}	1992-08	-0.9*											-0.9*	-0.9*
API ^e	1992-08	-0.2											-0.2	-0.2
AI/AN ^{eg}	1992-06	-0.3	2006-08	31.0									6.0	14.3
Hispanic ^f	1992-08	-0.2											-0.2	-0.2

Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute. (<http://surveillance.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f 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 Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

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

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

- Joinpoint regression line analysis could not be performed on data series.