

Table 22.15
Cancer of the Pancreas (Invasive)

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

SEER Incidence	SEER 18 Areas ^b Rate 2011-2015 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2006-2015 ^c AAPC (%)			SEER 9 Areas ^b Trend 2006-2015 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	12.6	14.4	11.2	0.3	0.1	0.7*	0.4	0.1	0.9*
White	12.6	14.4	11.1	0.4*	0.8*	0.8*	0.5	0.9*	1.0*
White Hispanic ^e	11.6	12.5	10.8	0.7*	0.6*	0.8*	-	-	-
White Non-Hispanic ^e	12.8	14.8	11.2	0.5*	0.8*	0.8*	-	-	-
Black	15.5	16.9	14.3	-0.8*	-0.2	-0.3	-0.1	-0.3*	0.1
Asian/Pacific Islander	10.0	11.0	9.2	0.6*	0.1	1.0*	-	-	-
Amer Ind/Alaska Nat ^f	9.3	11.3	7.8	-1.1	1.4	-0.6	-	-	-
Hispanic ^e	11.2	12.0	10.5	0.7*	0.6*	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015 Rate per 100,000 persons			Trend 2006-2015 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	10.9	12.6	9.5	0.1	0.2*	0.0			
White	10.8	12.6	9.4	0.4*	0.4*	0.1			
White Hispanic ^e	9.0	10.1	8.2	0.4*	0.2	0.4*			
White Non-Hispanic ^e	11.0	12.8	9.5	0.4*	0.4*	0.1			
Black	13.3	14.8	12.2	-0.4*	-0.5*	-0.4*			
Asian/Pacific Islander	7.7	8.3	7.3	0.1	-0.3	0.5*			
Amer Ind/Alaska Nat									
Total U.S.	6.5	7.0	6.1	0.2	0.7	-0.2			
CHSDA Counties	8.8	9.7	8.0	1.2*	1.7*	0.8			
Non-CHSDA Counties	4.1	4.2	4.0	-1.3*	-1.1	-1.5			
Hispanic ^e	8.6	9.5	7.7	0.2*	0.1	0.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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.

a 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).

b 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.

c The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

e 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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

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