Table 25.1 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2013 With up to Five Joinpoints, 1992-2013 With up to Four Joinpoints, All Ages by Race/Ethnicity

		JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
Name		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2004-13	2009-13
Mile 1975-89 2.6* 1989-13 1.1* 2.0* 2	SEER 9 Delay-Adjusted Incidence ^a , 1975-2013														
Black 1975-13 2.0* 2.0	All Races	1975-89	2.3*	1989-13	0.8*									0.8*	0.8*
SEER 13 Delay-Adjusted Incidence 1992-13 1.1 1	White	1975-89	2.6*	1989-13	1.1*									1.1*	1.1*
Races	Black	1975-13	2.0*											2.0*	2.0*
Name	SEER 13 Delay-Adju	992-2013													
Black 1992-94 47.7 1994-13 0.8	All Races	1992-13	1.1*											1.1*	1.1*
SEER 9 Observed Incidence*, 1975-89 2.3* 1989-13 0.8* 0	White	1992-13	1.2*											1.2*	1.2*
Rall Races 1975-89 2.3* 1989-13 0.8* 0.8* White 1975-89 2.6* 1989-13 1.0* 1.	Black	1992-94	47.7	1994-13	0.8									0.8	0.8
White	SEER 9 Observed In	cidenceª, 1	L975-2013	<u> </u>											
Black 1975-13 2.0* 2.0	All Races	1975-89	2.3*	1989-13	0.8*									0.8*	0.8*
All Races 1992-13 1.0*	White	1975-89	2.6*	1989-13	1.0*									1.0*	
All Races 1992-13 1.0* 1.0* 1.0* 1.0* 1.0* 1.0* 1.0* 1.0* 1.0* 1.2*	Black	1975-13	2.0*											2.0*	2.0*
White NHef 1992-13 1.2* White NHef 1992-05 1.8* 2005-13 -0.2 Black 1992-94 48.1 1994-13 0.7 Black 1992-94 45.0 1994-13 0.8 APIe 1992-13 1.2* Al/ANeg 1992-13 2.7* Hispanicf 1992-13 2.7* U.S. Cancer Mortalityc, 1975-2013 All Races 1975-81 -10.8* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* U.S. Cancer Mortalityc, 1975-2013 All Races 1975-81 -0.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* U.S. Cancer Mortalityc, 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.3* White 1992-13 -0.3* White 1992-13 -0.3*	SEER 13 Observed In	ncidence ^b ,	1992-201	_3											
White NHef 1992-05 1.8* 2005-13 -0.2 Black 1992-94 48.1 1994-13 0.7 Black NHef 1992-94 45.0 1994-13 0.8 API	All Races	1992-13	1.0*											1.0*	1.0*
Black 1992-94 48.1 1994-13 0.7 Black NHef 1992-94 45.0 1994-13 0.8 APIe 1992-13 1.2* AI/ANeg 1992-13 2.7* Hispanicf 1992-13 2.7* U.S. Cancer Mortalityc, 1975-2013 All Races 1975-81 -10.5* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* U.S. Cancer Mortalityc, 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.3 White 1992-13 -0.3 White 1992-13 -0.7*		1992-13	1.2*											1.2*	1.2*
Black NHef 1992-94 45.0 1994-13 0.8 APIe 1992-13 1.2* 1.2* 1.2* AI/ANeg 1992-13 2.7 2.7 Hispanicf 1992-13 2.7* 2.7* U.S. Cancer Mortalityc, 1975-2013 All Races 1975-81 -10.8* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -0.8* 1981-95 -3.0* 1995-13 0.0 U.S. Cancer Mortalityc, 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.7* -0.7*	White NH ^{ef}	1992-05	1.8*		-0.2										
API ^e 1992-13 1.2* 1.2* AI/AN ^{eg} 1992-13 2.7 2.7 Hispanic ^f 1992-13 2.7* 2.7* 2.7* \[\begin{array}{c c c c c c c c c c c c c c c c c c c		1992-94	48.1	1994-13	0.7									0.7	0.7
AI/AN ^{eg} 1992-13 2.7 Hispanic ^f 1992-13 2.7* U.S. Cancer Mortality ^c , 1975-2013 All Races 1975-81 -10.5* 1981-95 -3.1* 1995-13 -0.2 White 1975-13 -2.0* U.S. Cancer Mortality ^c , 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.5* White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7*	Black NH ^{ef}	1992-94	45.0	1994-13	0.8									0.8	0.8
Hispanic ^f 1992-13 2.7* <u>U.S. Cancer Mortality^c, 1975-2013</u> All Races 1975-81 -10.5* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* <u>U.S. Cancer Mortality^c, 1992-2013</u> All Races 1992-13 -0.5* White 1992-13 -0.3 White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7*	API ^e	1992-13	1.2*											1.2*	1.2*
U.S. Cancer Mortality ^c , 1975-2013 All Races 1975-81 -10.5* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* U.S. Cancer Mortality ^c , 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.3 White NHef 1992-13 -0.7*	AI/AN ^{eg}	1992-13	2.7											2.7	2.7
All Races 1975-81 -10.5* 1981-95 -3.1* 1995-13 -0.2 White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* U.S. Cancer Mortality ^c , 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7*	Hispanic ^f	1992-13	2.7*											2.7*	2.7*
White 1975-81 -10.8* 1981-95 -3.0* 1995-13 0.0 Black 1975-13 -2.0* -2.0* U.S. Cancer Mortality*, 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.3 White NHef 1992-13 -0.7* 1981-95 -3.0* 1995-13 0.0 -2.0* -2.0	U.S. Cancer Mortality ^c , 1975-2013														
Black 1975-13 -2.0* <u>U.S. Cancer Mortality^c, 1992-2013</u> All Races 1992-13 -0.5* White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7*	All Races	1975-81	-10.5*	1981-95	-3.1*	1995-13	-0.2							-0.2	-0.2
U.S. Cancer Mortality ^c , 1992-2013 All Races 1992-13 -0.5* White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7*	White	1975-81	-10.8*	1981-95	-3.0*	1995-13	0.0							0.0	0.0
All Races 1992-13 -0.5* White 1992-13 -0.3 White NH ^{ef} 1992-13 -0.7* -0.7*	Black	1975-13	-2.0*											-2.0*	-2.0*
White 1992-13 -0.3 -0.3 White NH ^{ef} 1992-13 -0.7* -0.7*															
White NH $^{\rm ef}$ 1992-13 -0.7* -0.7*	All Races	1992-13	-0.5*											-0.5*	-0.5*
	White	1992-13	-0.3											-0.3	-0.3
Rlack 1992-13 -1 0 -1 0	White NH ^{ef}	1992-13	-0.7*											-0.7*	-0.7*
DT(C) T) 7 T) T.0 -1.0 -1.0	Black	1992-13	-1.0											-1.0	-1.0
Black NH ^{ef} 1992-13 -1.1 -1.1 -1.1	Black NH ^{ef}	1992-13	-1.1											-1.1	-1.1
API^{e} 1992-13 0.2 0.2	API ^e	1992-13	0.2											0.2	0.2
AI/AN ^{eg}	AI/AN ^{eg}	-	-											-	-
Hispanic ^f 1992-13 0.9 0.9	Hispanic ^f	1992-13	0.9											0.9	0.9

Joinpoint Regression Program Version 4.3.0.0, April 2016, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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 New Hampshire and Oklahoma.

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.