SEER Incidence and Delay Adjusted Incidence Rates+ All Cancer Sites, By Sex

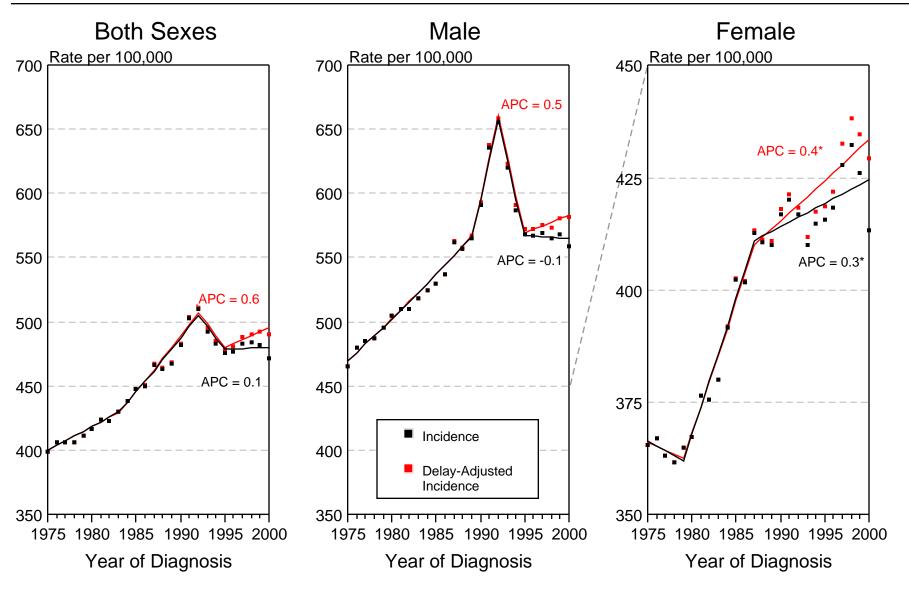


Figure I-21

- + Source: SEER 9 areas. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines and the APCs are calculated using the Joinpoint Regression Program. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.
- * The APC is significantly different from zero (p < 0.05).

SEER Incidence and Delay Adjusted Incidence Rates+ Both Sexes

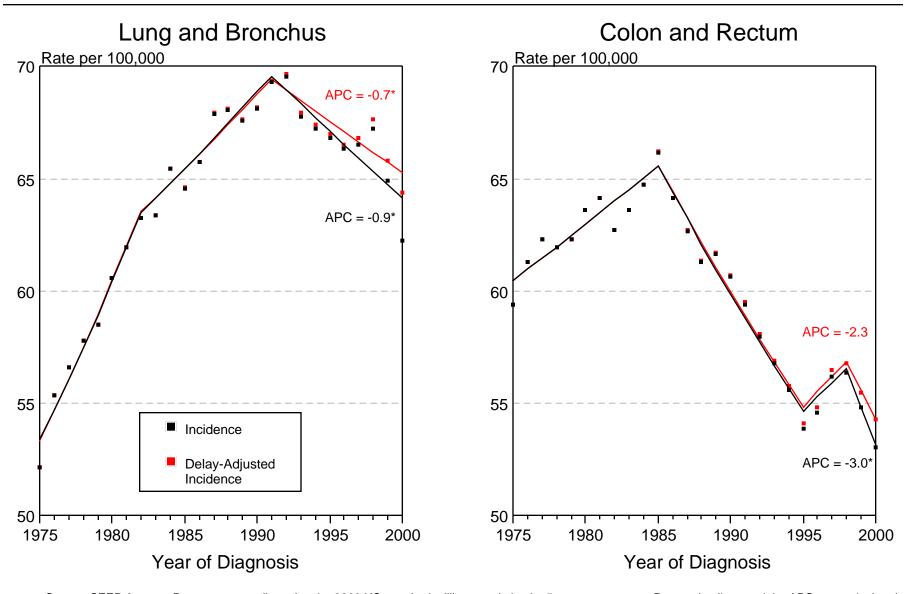


Figure I-22

- + Source: SEER 9 areas. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines and the APCs are calculated using the Joinpoint Regression Program. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.
- * The APC is significantly different from zero (p < 0.05).

Table II-1 ALL SITES (Invasive)

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	Male and Female	1975-1983	0.9°	1983-1992	1.8°	1992-1995	-1.8	1995-2000	0.1
All Races	Male	1975-1989	1.3°	1989-1992	5.1 ^c	1992-1995	-4.8°	1995-2000	-0.1
All Races	Female	1975-1979	-0.3	1979-1987	1.6°	1987-2000	0.3 ^c		
White	Male and Female	1975-1982	0.8°	1982-1992	1.8°	1992-1995	-1.9	1995-2000	0.2
White	Male	1975-1989	1.4°	1989-1992	4.9°	1992-1995	-5.1°	1995-2000	0.0
White	Female	1975-1979	-0.2	1979-1987	1.7°	1987-2000	0.3°	1993 2000	0.0
WIIICC	remare	13/3 13/3	0.2	1010 1001	1.7	1907 2000	0.5		
Black	Male and Female	1975-1983	1.7°	1983-1989	0.6	1989-1992	4.3°	1992-2000	-1.3°
Black	Male	1975-1981	2.8°	1981-1989	0.6	1989-1992	6.9°	1992-2000	-2.2°
Black	Female	1975-1991	1.1°	1991-2000	-0.2				
CEED Dolor	y-Adjusted Incidence ^a								
SEER Delay	y-Adjusted incluence								
All Races	Male and Female	1975-1983	0.9°	1983-1992	1.9°	1992-1995	-1.8	1995-2000	0.6
All Races	Male	1975-1989	1.4°	1989-1992	5.2°	1992-1995	-4.8°	1995-2000	0.5
All Races	Female	1975-1979	-0.3	1979-1987	1.5°	1987-2000	0.4°		
White	Male	1975-1989	1.4°	1989-1992	5.1°	1992-1995	-5.1°	1995-2000	0.7°
White	Female	1975-1989	-0.2	1979-1987	1.6°	1987-2000	0.6°	1993-2000	0.7
WIIICE	remaie	1973-1979	-0.2	19/9-190/	1.0	1907-2000	0.0		
Black	Male	1975-1981	2.8°	1981-1989	0.7	1989-1992	6.8°	1992-2000	-1.7°
Black	Female	1975-1991	1.2°	1991-2000	0.2				
U.S. Cance	er Mortality ^b								
All Races	Male and Female	1975-1990	0.5°	1990-1994	-0.4	1994-1998	-1.4°	1998-2000	-0.3
All Races	Male	1975-1980	0.9°	1980-1992	0.2°	1992-2000	-1.5°		
All Races	Female	1975-1990	0.6°	1990-1995	-0.2	1995-1998	-1.3°	1998-2000	0.1
White	Male and Female	1975-1990	0.4°	1990-1994	-0.3	1994-1998	-1.3°	1998-2000	-0.1
White	Male	1975-1980	0.8°	1980-1992	0.2°	1992-2000	-1.4°		
White	Female	1975-1990	0.6°	1990-1995	-0.2	1995-1998	-1.3°	1998-2000	0.3
Black	Male and Female	1975-1984	1.3°	1984-1992	0.6°	1992-2000	-1.4°		
Black	Male	1975-1982	1.8°	1982-1990	1.0°	1990-1993	-0.3	1993-2000	-1.9°
Black	Female	1975-1991	1.0°	1991-2000	-0.6°				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

b

Table III-1 BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)

		Joinpoint S	egment 1	Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	Male and Female	1975-1988	1.4°	1988-2000	-0.5°				
All Races	Male	1975-1989	1.2°	1989-2000	-0.5				
All Races	Female	1975-1987	1.7°	1987-2000	-0.6°				
White	Male and Female	1975-1988	1.5°	1988-2000	-0.3				
White	Male	1975-1989	1.3°	1989-2000	-0.3				
White	Female	1975-1987	1.9°	1987-2000	-0.5				
Black	Male and Female	1975-2000	0.1						
Black	Male	1975-2000	0.0						
Black	Female	1975-2000	0.3						
SEER Delay	-Adjusted Incidencea								
White	Male	1975-2000	0.7°						
White	Female	1975-1987	1.8°	1987-2000	-0.2				
Black	Male	1975-2000	0.1						
Black	Female	1975-2000	0.4						
U.S. Cance	er Mortality ^b								
All Races	Male and Female	1975-1977	3.9°	1977-1980	-1.2	1980-1991	1.2°	1991-2000	-0.7°
All Races	Male	1975-1977	4.4	1977-1982	-0.4	1982-1990	1.4°	1990-2000	-0.7°
All Races	Female	1975-1992	0.9°	1992-2000	-0.9°				
White	Male and Female	1975-1992	0.9°	1992-2000	-0.7°				
White	Male	1975-1977	5.0	1977-1981	-0.6	1981-1991	1.2°	1991-2000	-0.7°
White	Female	1975-1992	1.0°	1992-2000	-0.8°				
Black	Male and Female	1975-1984	-0.2	1984-1987	4.3	1987-2000	-0.5		
Black	Male	1975-2000	0.1						
Black	Female	1975-1991	1.3°	1991-2000	-0.4				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

b

Table IV-1 FEMALE BREAST CANCER (Invasive)

		Joinpoint S	Segment 1	Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	All Ages	1975-1980	-0.4	1980-1987	3.7°	1987-2000	0.4°		
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9°	1986-2000	-0.3		
All Races	50 and Over	1975-1982	0.8	1982-1986	5.8°	1986-2000	0.7°		
White	All Ages	1975-1980	-0.3	1980-1987	3.8°	1987-2000	0.4°		
White	Under 50	1975-1980	-1.2	1980-1986	2.8°	1986-2000	-0.3°		
White	50 and Over	1975-1980	-0.1	1980-1987	4.3°	1987-2000	0.7°		
Black	All Ages	1975-1992	2.2°	1992-2000	-0.2				
Black	Under 50	1975-1991	1.5°	1991-2000	-0.9				
Black	50 and Over	1975-1995	2.3°	1995-2000	-1.3				
SEER Delay	-Adjusted Incidencea								
All Races	All Ages	1975-1980	-0.6	1980-1986	4.1°	1986-2000	0.6°		
White	All Ages	1975-1980	-0.5	1980-1987	4.1°	1987-1993	-0.2	1993-2000	1.4°
Black	All Ages	1975-1992	2.3°	1992-2000	0.2				
U.S. Cance	er Mortality ^b								
All Races	All Ages	1975-1990	0.4°	1990-2000	-2.3°				
All Races	Under 50	1975-1991	-0.4°	1991-2000	-3.7°				
All Races	50 and Over	1975-1990	0.6°	1990-2000	-2.0°				
White	All Ages	1975-1990	0.3°	1990-2000	-2.5°				
White	Under 50	1975-1991	-0.7°	1991-2000	-4.2°				
White	50 and Over	1975-1990	0.5°	1990-2000	-2.2°				
Black	All Ages	1975-1991	1.6°	1991-2000	-1.0°				
Black	Under 50	1975-1987	1.7°	1987-1996	-1.1°	1996-2000	-3.6°		
Black	50 and Over	1975-1993	1.6°	1993-2000	-1.2°				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

b

Table IV-2 FEMALE BREAST CANCER (In Situ)

TRENDS IN SEER INCIDENCE USING THE JOINPOINT REGRESSION PROGRAM, 1975-2000 WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	All Ages	1975-1982	-0.8	1982-1986	32.3 ^b	1986-2000	6.1 ^b		
All Races	Under 50	1975-1982	-2.3	1982-1986	27.9 ^b	1986-2000	3.8 ^b		
All Races	50 and Over	1975-1981	-1.9	1981-1987	26.0 ^b	1987-2000	6.8 ^b		
White White White	All Ages Under 50 50 and Over	1975-1982 1975-1982 1975-1981	-0.7 -3.9 -1.3	1982-1986 1982-1985 1981-1987	33.0 ^b 40.5 ^b 26.1 ^b	1986-2000 1985-2000 1987-2000	5.9 ^b 4.0 ^b 6.5 ^b		
Black Black	All Ages Under 50	1975-1981 1975-2000	2.9 6.9 ^b	1981-1988	18.9 ^b	1988-2000	7.0 ^b		
Black	50 and Over	1975-2000	-2.1	1980-1988	20.8 ^b	1988-2000	7.9 ^b		
SEER Delay	7-Adjusted Incidence ^a								
White	All Ages	1975-1982	-0.7	1982-1986	32.8°	1986-2000	6.0°		
Black	All Ages	1975-1981	2.9	1981-1988	18.8°	1988-2000	7.1°		

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

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

Table VI-1 COLON AND RECTUM CANCER (Invasive)

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	Male and Female	1975-1985	0.8°	1985-1995	-1.8°	1995-1998	1.1	1998-2000	-3.0°
All Races	Male	1975-1986	1.1°	1986-1995	-2.1°	1995-1998	1.0	1998-2000	-3.6
All Races	Female	1975-1985	0.3°	1985-1995	-1.9°	1995-1998	1.7	1998-2000	-3.0
White	Male and Female	1975-1985	0.8°	1985-1995	-2.0°	1995-1998	1.4	1998-2000	-3.6°
White	Male	1975-1986	1.1°	1986-1995	-2.3°	1995-1998	1.2	1998-2000	-4.3°
White	Female	1975-1985	0.3	1985-1993	-2.2°	1993-2000	-0.2		
Black	Male and Female	1975-1980	3.3°	1980-2000	-0.2				
Black	Male	1975-1980	4.6	1980-2000	-0.1				
Black	Female	1975-2000	-0.1						
SEER Delay	r-Adjusted Incidence ^a								
All Races	Male and Female	1975-1985	0.8°	1985-1995	-1.8°	1995-1998	1.2	1998-2000	-2.3
All Races	Male	1975-1986	1.1 ^c	1986-1995	-2.0°	1995-2000	-0.2		
All Races	Female	1975-1985	0.3	1985-1994	-1.8°	1994-2000	0.2		
White	Male	1975-1986	1.1°	1986-1995	-2.3°	1995-1998	1.4	1998-2000	-3.5
White	Female	1975-1985	0.3	1985-1993	-2.2°	1993-2000	0.0		
Black	Male	1975-1980	4.5	1980-2000	-0.0				
Black	Female	1975-2000	-0.0						
U.S. Cance	er Mortality ^b								
All Races	Male and Female	1975-1984	-0.5°	1984-2000	-1.7°				
All Races	Male	1975-1979	0.6	1979-1987	-0.6°	1987-2000	-1.9°		
All Races	Female	1975-1984	-1.0°	1984-2000	-1.8°				
White	Male and Female	1975-1984	-0.7°	1984-2000	-1.9°				
White	Male	1975-1985	-0.2	1985-2000	-2.0°				
White	Female	1975-1984	-1.2°	1984-2000	-2.0°				
Black	Male and Female	1975-1990	0.6°	1990-2000	-0.8°				
Black	Male	1975-1990	1.2°	1990-2000	-0.6°				
Black	Female	1975-1985	0.7°	1985-2000	-0.7°				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

b

Table VI-2 COLON CANCER (Invasive) AND RECTUM CANCER (Invasive)

TRENDS IN SEER INCIDENCE THE JOINPOINT REGRESSION PROGRAM, 1975-2000 WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint S	Segment 1	Joinpoint Segment 2		Joinpoint S	egment 3	Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence for Colon								
All Races	Male and Female	1975-1985	1.1 ^c	1985-1995	-1.6°	1995-2000	-0.5		
All Races	Male	1975-1985	1.7°	1985-2000	-1.5°				
All Races	Female	1975-1983	0.7	1983-2000	-1.1°				
White	Male and Female	1975-1985	1.1°	1985-1995	-1.9°	1995-1998	1.0	1998-2000	-3.6°
White	Male	1975-1985	1.7°	1985-2000	-1.6°				
White	Female	1975-1985	0.6°	1985-1993	-2.0°	1993-2000	-0.3		
Black	Male and Female	1975-1980	3.7°	1980-2000	-0.2				
Black	Male	1975-1989	1.6°	1989-2000	-1.0				
Black	Female	1975-2000	0.0						
SEER Cance	er Incidence for Rectum								
All Races	Male and Female	1975-1987	-0.3	1987-1994	-2.4°	1994-2000	0.4		
All Races	Male	1975-1990	-0.3	1990-1993	-4.9	1993-2000	0.1		
All Races	Female	1975-1984	-0.2	1984-1995	-2.2°	1995-1998	3.3	1998-2000	-4.7
White	Male and Female	1975-1987	-0.3	1987-1994	-2.6°	1994-2000	0.4		
White	Male	1975-1990	-0.3	1990-1993	-5.5	1993-2000	0.1		
White	Female	1975-1984	-0.1	1984-1995	-2.4°	1995-1998	3.5	1998-2000	-5.2
Black	Male and Female	1975-2000	-0.1						
Black	Male	1975-2000	0.1						
Black	Female	1975-2000	-0.3						

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

^{\$} *f

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

Table VIII-1 ESOPHAGUS CANCER (Invasive)

		Joinpoint S	Segment 1	Joinpoint S	egment 2	Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	Male and Female	1975-2000	0.6°						
All Races	Male	1975-2000	0.8°						
All Races	Female	1975-2000	-0.2						
White	Male and Female	1975-1981	-0.6	1981-2000	1.6°				
White	Male	1975-2000	1.7°						
White	Female	1975-2000	0.1						
Black	Male and Female	1975-1986	1.0	1986-2000	-4.3°				
Black	Male	1975-1986	1.2	1986-2000	-4.8°				
Black	Female	1975-1980	9.4	1980-2000	-2.3°				
SEER Delay	v-Adjusted Incidence ^a								
White	Male	1975-2000	1.7°						
White	Female	1975-2000	0.2						
Black	Male	1975-1986	1.1	1986-2000	-4.8°				
Black	Female	1975-1980	9.3	1980-2000	-2.2°				
U.S. Cance	er Mortality ^b								
All Races	Male and Female	1975-2000	0.7°						
All Races	Male	1975-1985	0.7°	1985-1994	1.2°	1994-2000	0.5°		
All Races	Female	1975-2000	0.1						
White	Male and Female	1975-1983	0.4°	1983-2000	1.7°				
White	Male	1975-1982	0.4	1982-2000	1.9°				
White	Female	1975-2000	0.4°						
Black	Male and Female	1975-1982	1.1°	1982-1993	-1.6°	1993-2000	-4.7°		
Black	Male	1975-1984	0.8°	1984-1994	-2.0°	1994-2000	-5.5°		
Black	Female	1975-1990	-0.1	1990-2000	-3.1°				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

Table XV-2 SMALL CELL LUNG AND BRONCHUS CANCER (Invasive) AND NON-SMALL CELL LUNG AND BRONCHUS CANCER (Invasive)

TRENDS IN SEER INCIDENCE USING THE JOINPOINT REGRESSION PROGRAM, 1975-2000 WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint S	egment 1	Joinpoint S	legment 2	Joinpoint S	Segment 3	Joinpoint S	Segment 4
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence for Smal	l Cell Lung and	Bronchus ^a						
All Races	Male and Female	1975-1982	6.2°	1982-1989	1.2	1989-2000	-2.4°		
All Races	Male	1975-1980	6.4°	1980-1988	0.5	1988-2000	-3.5°		
All Races	Female	1975-1982	9.6°	1982-1991	3.0°	1991-2000	-1.7°		
White	Male and Female	1975-1982	6.3°	1982-1989	1.4°	1989-2000	-2.2°		
White	Male	1975-1980	6.2°	1980-1988	0.6	1988-2000	-3.4°		
White	Female	1975-1982	9.8°	1982-1989	3.9°	1989-2000	-0.9°		
Black	Male and Female	1975-1986	4.6°	1986-2000	-2.1°				
Black	Male	1975-1985	4.8°	1985-2000	-3.2°				
Black	Female	1975-2000	2.1°						
SEER Cance	er Incidence for Non-	-Small Cell Lung	and Bronch	us ^a					
All Races	Male and Female	1975-1988	1.5°	1988-1998	0.0	1998-2000	-3.2		
All Races	Male	1975-1981	1.1°	1981-1992	-0.3	1992-2000	-1.9°		
All Races	Female	1975-1988	4.3°	1988-1998	1.7°	1998-2000	-2.6		
White	Male and Female	1975-1988	1.6°	1988-1998	0.1	1998-2000	-3.3		
White	Male	1975-1990	0.2	1990-2000	-1.8°				
White	Female	1975-1988	4.4°	1988-1998	1.9°	1998-2000	-2.7		
Black	Male and Female	1975-1984	3.2°	1984-2000	-0.5°				
Black	Male	1975-1984	2.8°	1984-2000	-1.4°				
Black	Female	1975-1990	4.2°	1990-2000	0.6				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

b

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

Table XVIII-1 NON-HODGKIN LYMPHOMA (Invasive)

		Joinpoint S	egment 1	Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cance	er Incidence ^a								
All Races	Male and Female	1975-1990	3.6°	1990-1995	1.5	1995-2000	-0.7		
All Races	Male	1975-1991	4.3°	1991-2000	-0.1				
All Races	Female	1975-1988	3.0°	1988-1998	1.5°	1998-2000	-2.8		
White	Male and Female	1975-1991	3.7°	1991-2000	0.2				
White	Male	1975-1991	4.3°	1991-2000	-0.2				
White	Female	1975-1990	2.9°	1990-2000	0.9°				
Black	Male and Female	1975-1995	4.6°	1995-2000	-3.8°				
Black	Male	1975-1995	5.6°	1995-2000	-5.3				
Black	Female	1975-2000	2.6°						
SEER Delay	y-Adjusted Incidence ^a								
White	Male	1975-1990	4.5°	1990-2000	0.6°				
White	Female	1975-1988	3.1°	1988-2000	1.6°				
Black	Male	1975-1995	5.7°	1995-2000	-4.5				
Black	Female	1975-2000	2.8°						
U.S. Cance	er Mortality ^b								
All Races	Male and Female	1975-1991	2.5°	1991-1997	1.6°	1997-2000	-2.9°		
All Races	Male	1975-1996	2.5°	1996-2000	-2.2°				
All Races	Female	1975-1996	2.2°	1996-2000	-2.1°				
White	Male and Female	1975-1996	2.3°	1996-2000	-2.2°				
White	Male	1975-1995	2.5°	1995-2000	-1.2°				
White	Female	1975-1996	2.2°	1996-2000	-2.1°				
Black	Male and Female	1975-1997	2.7°	1997-2000	-6.0°				
Black	Male	1975-1997	2.8°	1997-2000	-6.7				
Black	Female	1975-1997	2.7°	1997-2000	-5.1°				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

SEER Incidence, Delay Adjusted Incidence and US Death Rates+ Non-Hodgkin Lymphoma, by Race and Sex

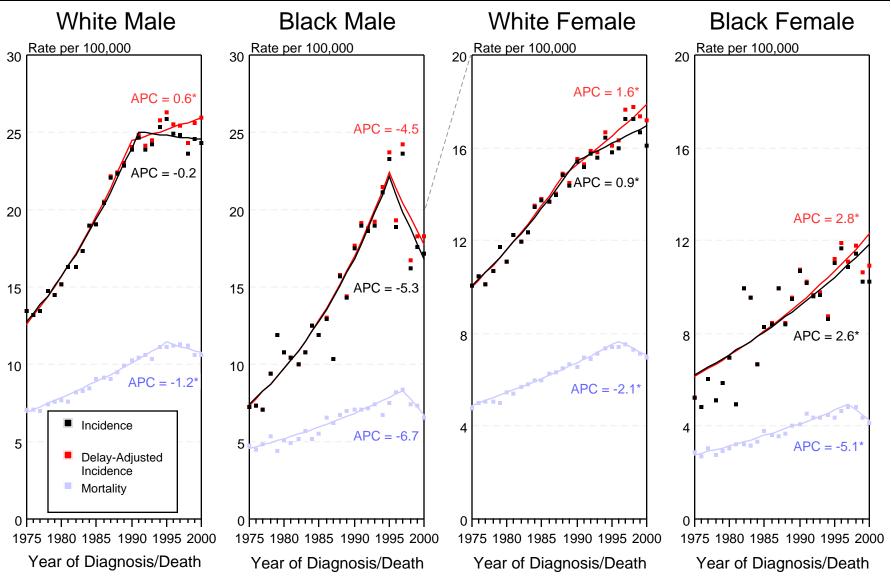


Figure XVIII-1

- + Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines and APCs are calculated using the Joinpoint Regression Program. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.
- The APC is significantly different from zero (p < 0.05).