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

Both Sexes

Rate per 100,000

APC = 0.1

APC = -0.4*

700					
650					
600					
550					
500					
450					
400					
350					

1975   1982   1989   1996   2003

Year of Diagnosis

Male

Rate per 100,000

APC = 0.0

APC = -0.3

- ■ Incidence
- ■ Delay-Adjusted Incidence

700
650
600
550
500
450
400
350

1975   1982   1989   1996   2003

Year of Diagnosis

Female

Rate per 100,000

APC = 0.3*

APC = -2.3

450
425
400
375
350

1975   1982   1989   1996   2003
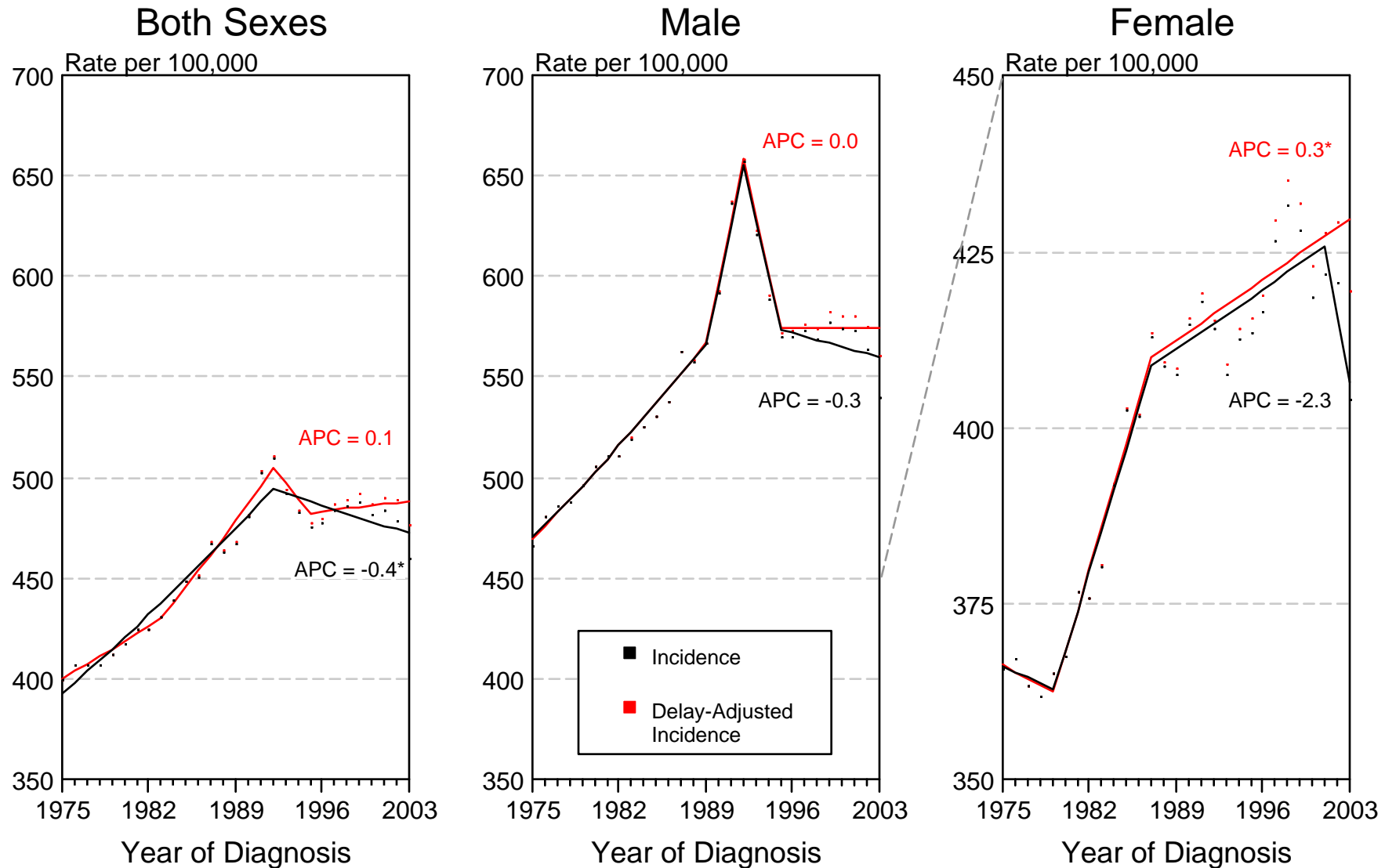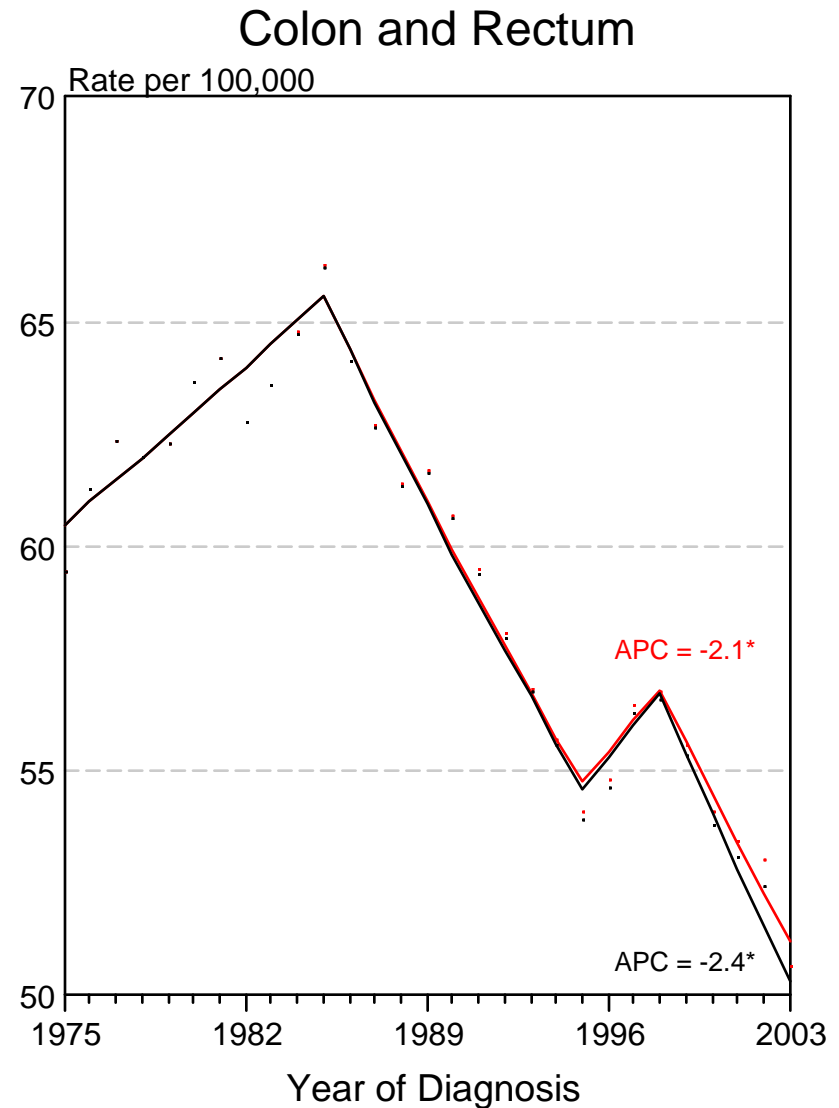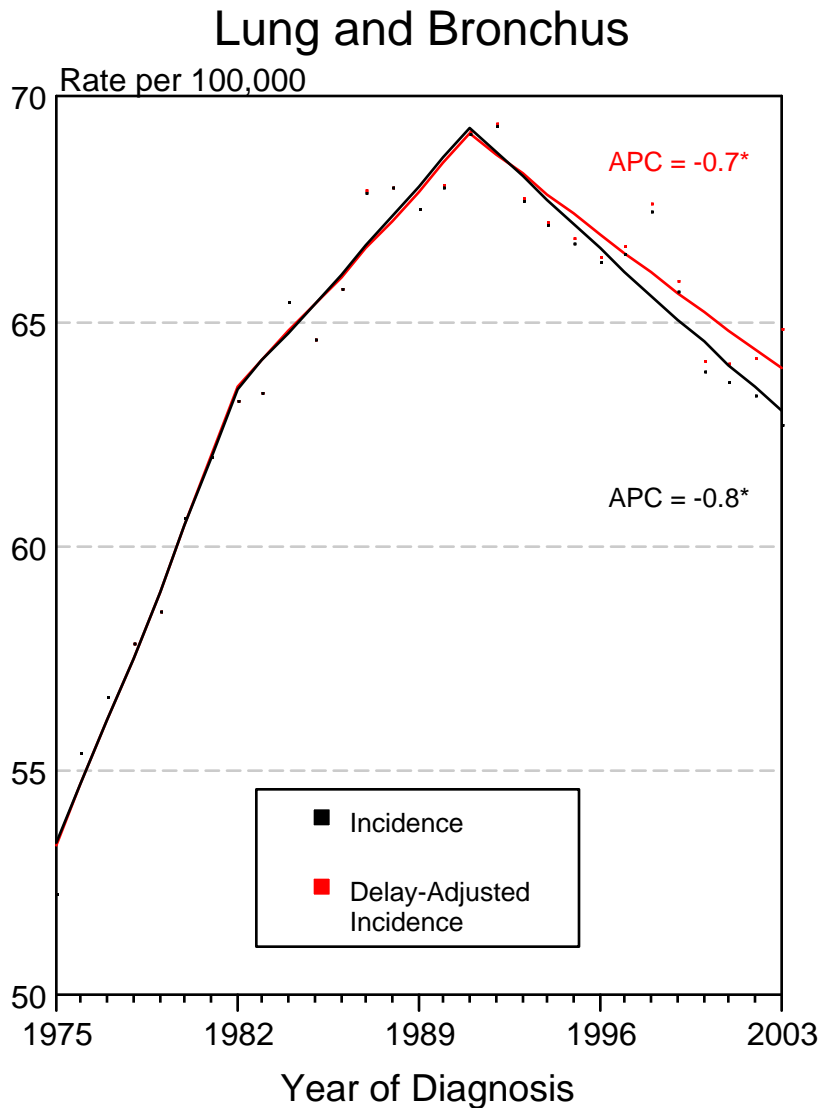
Year of Diagnosis

Figure I-21

+ Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
   Regression lines and the APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
   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

Lung and Bronchus

Rate per 100,000

APC = -0.7*

APC = -0.8*

- ■ Incidence
- ■ Delay-Adjusted Incidence

1975   1982   1989   1996   2003

Year of Diagnosis

Colon and Rectum

Rate per 100,000

APC = -2.1*

APC = -2.4*

1975   1982   1989   1996   2003

Year of Diagnosis

Figure I-22

SEER Incidence and Delay Adjusted Incidence Rates[+]
Males

Prostate

Rate per 100,000

APC = 1.1*

APC = 0.7

Year of Diagnosis

Lung and Bronchus

Rate per 100,000

APC = -1.7*

APC = -1.8*

■ Incidence

■ Delay-Adjusted Incidence

Year of Diagnosis

Colon and Rectum

Rate per 100,000

APC = -2.5*

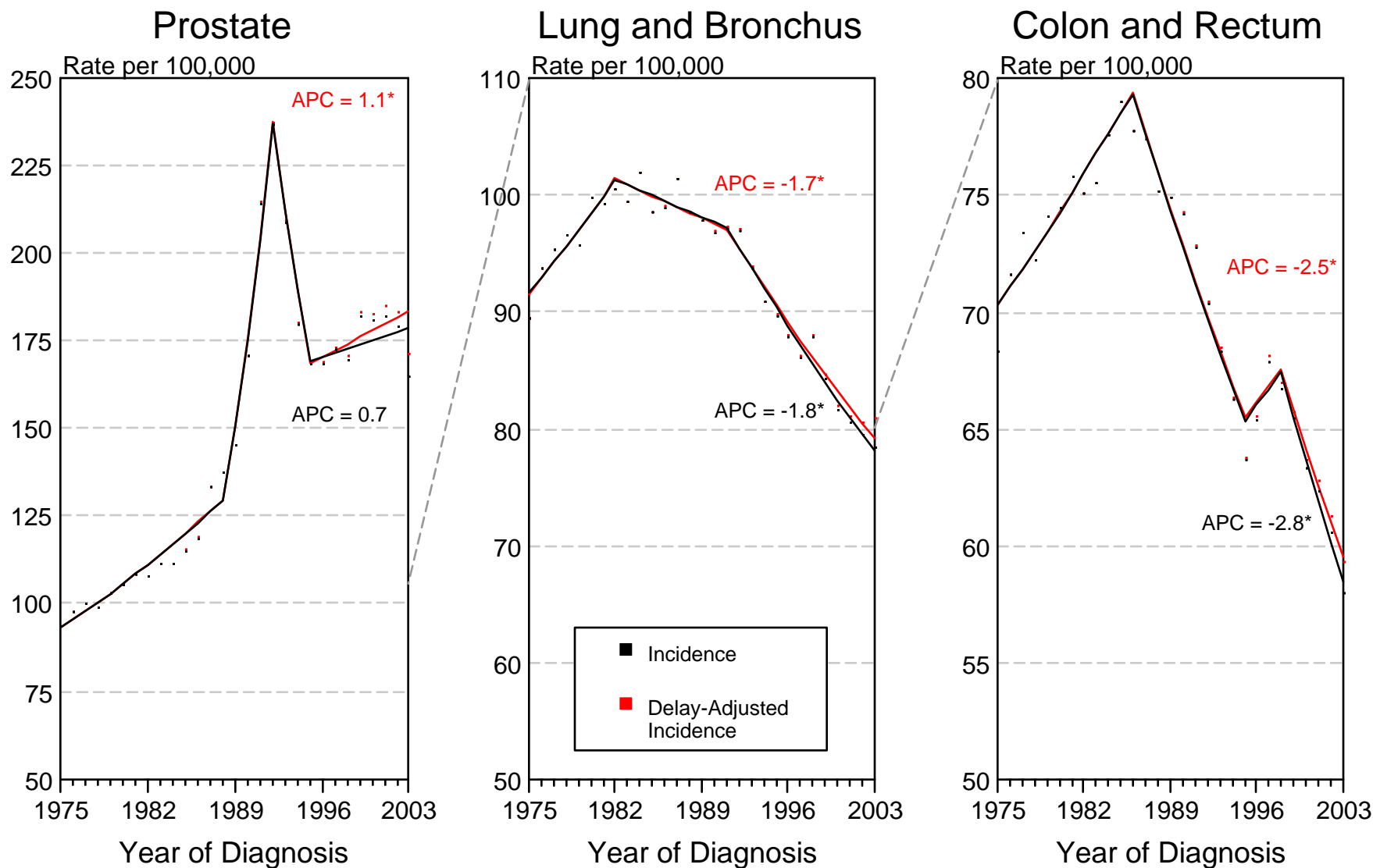APC = -2.8*

Year of Diagnosis

Figure I-23

+ Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
   Regression lines and the APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
   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[+]
Females

Breast

Rate per 100,000

APC = -4.1

APC = -4.8

- ■ Incidence
- ■ Delay-Adjusted Incidence

Year of Diagnosis

Lung and Bronchus

Rate per 100,000

APC = 0.5*

APC = -0.5

Year of Diagnosis

Colon and Rectum

Rate per 100,000

APC = -1.9*

APC = -2.2*

Year of Diagnosis

SEER Cancer Statistics Review 1975-2003

National Cancer Institute

Figure I-24

Table II-1
ALL SITES (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1992	1.4*	1992-2003	-0.4*				
All Races	Male	1975-1989	1.3*	1989-1992	5.0*	1992-1995	-4.4*	1995-2003	-0.3
All Races	Female	1975-1979	-0.2	1979-1987	1.5*	1987-2001	0.3*	2001-2003	-2.3
White	Male and Female	1975-1992	1.5*	1992-1995	-1.5	1995-2001	0.6	2001-2003	-2.9
White	Male	1975-1989	1.4*	1989-1992	4.8*	1992-1995	-4.6*	1995-2003	-0.2
White	Female	1975-1979	-0.1	1979-1987	1.6*	1987-2001	0.4*	2001-2003	-2.4
Black	Male and Female	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.2*	1992-2003	-1.0*
Black	Male	1975-1981	2.8*	1981-1989	0.6	1989-1992	6.7*	1992-2003	-1.8*
Black	Female	1975-1991	1.1*	1991-2003	-0.2				
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1983	0.9*	1983-1992	1.8*	1992-1995	-1.5	1995-2003	0.1
All Races	Male	1975-1989	1.3*	1989-1992	5.1*	1992-1995	-4.5*	1995-2003	0.0
All Races	Female	1975-1979	-0.3	1979-1987	1.6*	1987-2003	0.3*		
White	Male and Female	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-1.6	1995-2003	0.4*
White	Male	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-4.7*	1995-2003	0.2
White	Female	1975-1979	-0.2	1979-1987	1.6*	1987-2003	0.4*		
Black	Male and Female	1975-1983	1.7*	1983-1989	0.6	1989-1992	4.0	1992-2003	-0.7*
Black	Male	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.6*	1992-2003	-1.6*
Black	Female	1975-1991	1.1*	1991-2003	0.1				
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1990	0.5*	1990-1994	-0.4	1994-2003	-1.1*		
All Races	Male	1975-1979	1.0*	1979-1990	0.3*	1990-1993	-0.4	1993-2003	-1.6*
All Races	Female	1975-1992	0.5*	1992-2003	-0.8*				
White	Male and Female	1975-1992	0.4*	1992-2003	-1.0*				
White	Male	1975-1980	0.8*	1980-1992	0.2*	1992-2003	-1.4*		
White	Female	1975-1992	0.5*	1992-2003	-0.8*				
Black	Male and Female	1975-1983	1.3*	1983-1991	0.7*	1991-1995	-0.8	1995-2003	-1.7*
Black	Male	1975-1982	1.8*	1982-1990	1.0*	1990-1994	-0.5	1994-2003	-2.3*
Black	Female	1975-1991	1.0*	1991-1997	-0.5*	1997-2003	-1.1*		

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
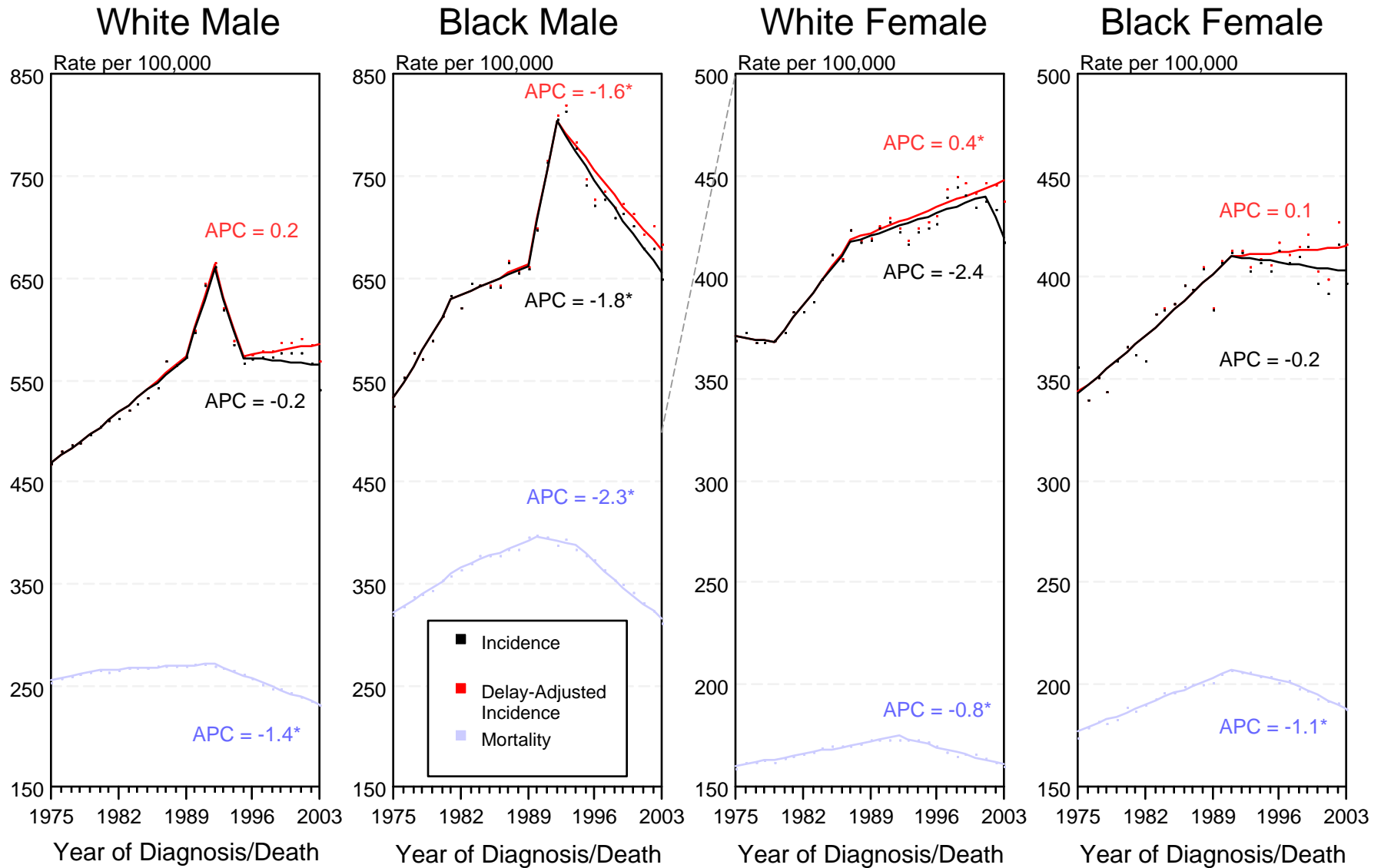## All Cancer Sites, by Race and Sex

Figure II-1

White Male
Rate per 100,000

APC = 0.2

APC = -0.2

APC = -1.4*

Year of Diagnosis/Death

Black Male
Rate per 100,000

APC = -1.6*

APC = -1.8*

APC = -2.3*

Incidence

Delay-Adjusted Incidence

Mortality

Year of Diagnosis/Death

White Female
Rate per 100,000

APC = 0.4*

APC = -2.4

APC = -0.8*

Year of Diagnosis/Death

Black Female
Rate per 100,000

APC = 0.1

APC = -0.2

APC = -1.1*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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 III-1
BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1987	1.5*	1987-2003	-0.3*				
All Races	Male	1975-1991	1.0*	1991-2003	-0.7*				
All Races	Female	1975-1987	1.6*	1987-2003	-0.3				
White	Male and Female	1975-1988	1.5*	1988-2003	-0.3				
White	Male	1975-1991	1.2*	1991-2003	-0.6				
White	Female	1975-1987	1.8*	1987-2003	-0.2				
Black	Male and Female	1975-2003	0.3						
Black	Male	1975-2003	0.1						
Black	Female	1975-2003	0.6						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1987	1.5*	1987-2003	-0.2				
All Races	Male	1975-1989	1.2*	1989-2003	-0.4				
All Races	Female	1975-1990	1.5*	1990-1995	-2.0	1995-2003	1.0*		
White	Male and Female	1975-1987	1.6*	1987-2003	-0.1				
White	Male	1975-1991	1.2*	1991-2003	-0.4				
White	Female	1975-1988	1.9*	1988-1995	-1.0	1995-2003	0.9		
Black	Male and Female	1975-2003	0.4						
Black	Male	1975-2003	0.2						
Black	Female	1975-2003	0.7						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1977	4.0*	1977-1980	-1.3	1980-1991	1.2*	1991-2003	-0.9*
All Races	Male	1975-1977	4.4	1977-1982	-0.5	1982-1990	1.5*	1990-2003	-0.8*
All Races	Female	1975-1992	0.9*	1992-2003	-1.0*				
White	Male and Female	1975-1977	3.7	1977-1981	-0.5	1981-1991	1.3*	1991-2003	-0.8*
White	Male	1975-1977	5.0*	1977-1981	-0.7	1981-1991	1.3*	1991-2003	-0.8*
White	Female	1975-1992	1.0*	1992-2003	-0.9*				
Black	Male and Female	1975-1984	-0.2	1984-1987	4.4	1987-2003	-0.6*		
Black	Male	1975-1990	0.6*	1990-2003	-0.6				
Black	Female	1975-1991	1.3*	1991-2003	-0.7				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
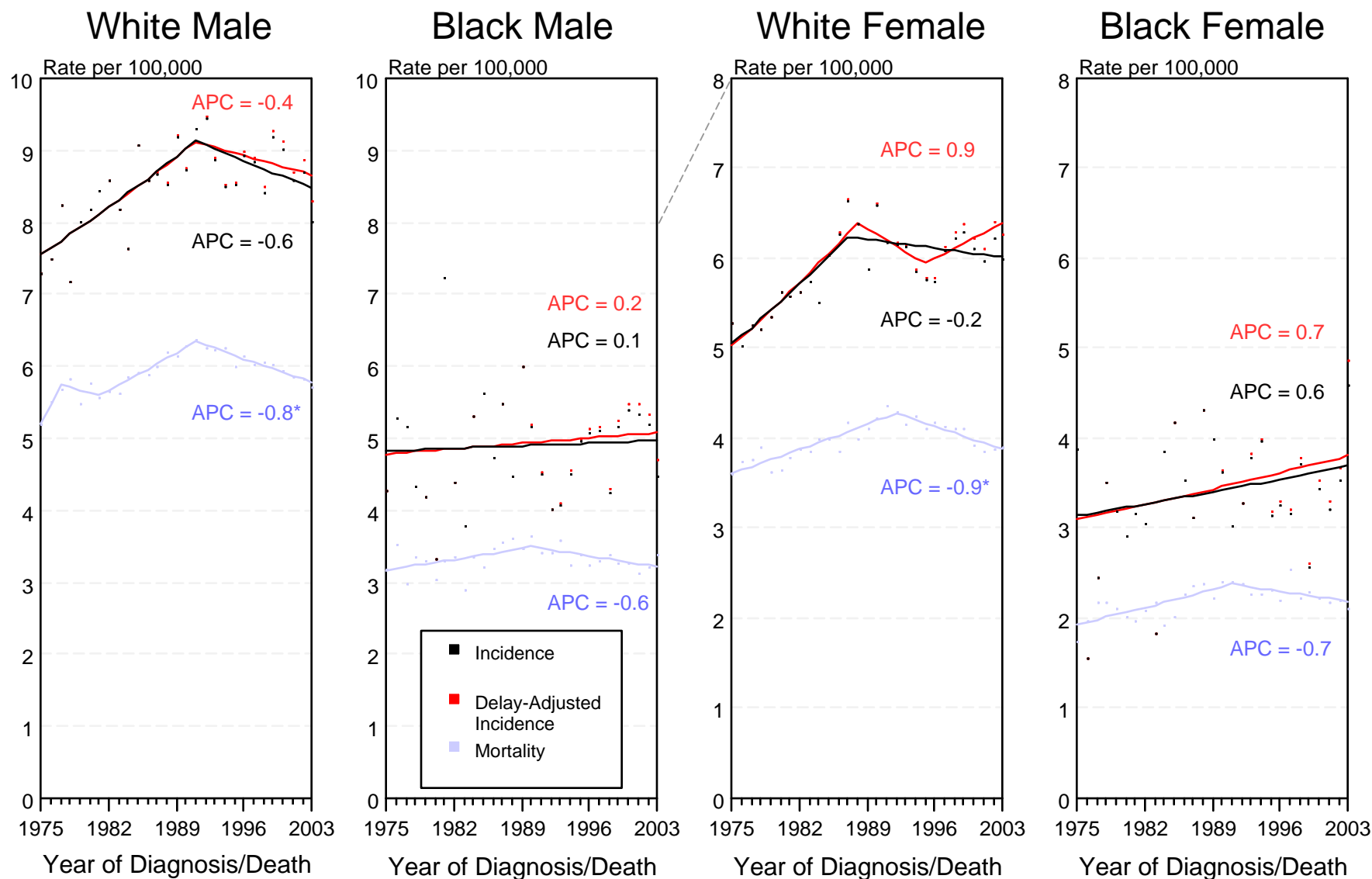Brain and Other Nervous System Cancer, by Race and Sex

White Male

Rate per 100,000

APC = -0.4
APC = -0.6
APC = -0.8*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = 0.2
APC = 0.1
APC = -0.6

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 0.9
APC = -0.2
APC = -0.9*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 0.7
APC = 0.6
APC = -0.7

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 IV-1
FEMALE BREAST CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1980	-0.4	1980-1987	3.7*	1987-2001	0.4*	2001-2003	-4.8
All Races	Under 50	1975-1980	-1.4	1980-1986	3.0*	1986-2003	-0.3*		
All Races	50 and Over	1975-1982	0.8	1982-1986	5.8*	1986-2001	0.7*	2001-2003	-6.1
White	All Ages	1975-1980	-0.3	1980-1987	3.7*	1987-2001	0.5*	2001-2003	-5.1
White	Under 50	1975-1980	-1.2	1980-1986	2.8*	1986-2003	-0.3*		
White	50 and Over	1975-1980	0.0	1980-1987	4.2*	1987-2001	0.7*	2001-2003	-6.3*
Black	All Ages	1975-1992	2.2*	1992-2003	-0.3				
Black	Under 50	1975-1991	1.6*	1991-2003	-1.2*				
Black	50 and Over	1975-1993	2.5*	1993-2003	-0.1				
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1980	-0.4	1980-1987	3.7*	1987-2001	0.5*	2001-2003	-4.1
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9*	1986-2003	-0.2		
All Races	50 and Over	1975-1982	0.8	1982-1986	5.8*	1986-2001	0.8*	2001-2003	-5.3
White	All Ages	1975-1980	-0.3	1980-1987	3.7*	1987-2001	0.6*	2001-2003	-4.3
White	Under 50	1975-1980	-1.2	1980-1986	2.8*	1986-2003	-0.2		
White	50 and Over	1975-1980	0.0	1980-1987	4.2*	1987-2001	0.8*	2001-2003	-5.5
Black	All Ages	1975-1992	2.3*	1992-2003	0.0				
Black	Under 50	1975-1991	1.6*	1991-2003	-1.0*				
Black	50 and Over	1975-1992	2.6*	1992-2003	0.4				
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1990	0.4*	1990-1995	-1.8*	1995-1999	-3.1*	1999-2003	-1.4*
All Races	Under 50	1975-1990	-0.4*	1990-2003	-3.3*				
All Races	50 and Over	1975-1990	0.6*	1990-2003	-2.0*				
White	All Ages	1975-1990	0.3*	1990-1995	-2.0*	1995-1998	-3.6*	1998-2003	-1.7*
White	Under 50	1975-1990	-0.6*	1990-2003	-3.7*				
White	50 and Over	1975-1990	0.5*	1990-2003	-2.1*				
Black	All Ages	1975-1991	1.6*	1991-2003	-1.1*				
Black	Under 50	1975-1988	1.7*	1988-2003	-1.9*				
Black	50 and Over	1975-1993	1.6*	1993-2003	-1.1*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

Table IV-2
FEMALE BREAST CANCER (*In Situ*)

TRENDS IN SEER INCIDENCE[a] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1982	-0.8	1982-1986	32.2*	1986-2000	6.2*	2000-2003	-1.4
All Races	Under 50	1975-1982	-2.5	1982-1986	29.3*	1986-2003	3.3*		
All Races	50 and Over	1975-1981	-1.9	1981-1987	25.8*	1987-2000	6.9*	2000-2003	-1.4
White	All Ages	1975-1982	-0.7	1982-1986	32.8*	1986-2000	6.0*	2000-2003	-1.4
White	Under 50	1975-1982	-4.0	1982-1985	42.2	1985-2003	3.5*		
White	50 and Over	1975-1981	-1.3	1981-1987	26.0*	1987-2000	6.6*	2000-2003	-1.5
Black	All Ages	1975-1981	3.1	1981-1988	18.5*	1988-1999	7.6*	1999-2003	-0.7
Black	Under 50	1975-1998	7.7*	1998-2003	-3.8				
Black	50 and Over	1975-1980	-1.9	1980-1988	20.8*	1988-2000	8.1*	2000-2003	-2.5
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1982	-0.8	1982-1986	32.2*	1986-2000	6.1*	2000-2003	-1.0
All Races	Under 50	1975-1982	-2.5	1982-1986	29.2*	1986-2003	3.3*		
All Races	50 and Over	1975-1981	-1.9	1981-1987	25.8*	1987-2000	6.8*	2000-2003	-1.1
White	All Ages	1975-1982	-0.7	1982-1986	32.8*	1986-2000	6.0*	2000-2003	-0.7
White	Under 50	1975-1982	-4.0	1982-1985	42.0	1985-2003	3.6*		
White	50 and Over	1975-1981	-1.3	1981-1987	26.0*	1987-2000	6.7*	2000-2003	-0.8
Black	All Ages	1975-1981	3.1	1981-1988	18.5*	1988-1999	7.6*	1999-2003	-0.2
Black	Under 50	1975-1998	7.7*	1998-2003	-3.5				
Black	50 and Over	1975-1980	-1.9	1980-1988	20.8*	1988-2000	8.1*	2000-2003	-1.8

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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).

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

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Female Breast Cancer, by Race

Figure IV-1

White

Rate per 100,000

APC = -4.3

APC = -5.1

APC = -1.7*

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

Year of Diagnosis/Death

Black

Rate per 100,000

APC = 0.0

APC = -0.3

APC = -1.1*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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, Delay Adjusted Incidence and US Death Rates+
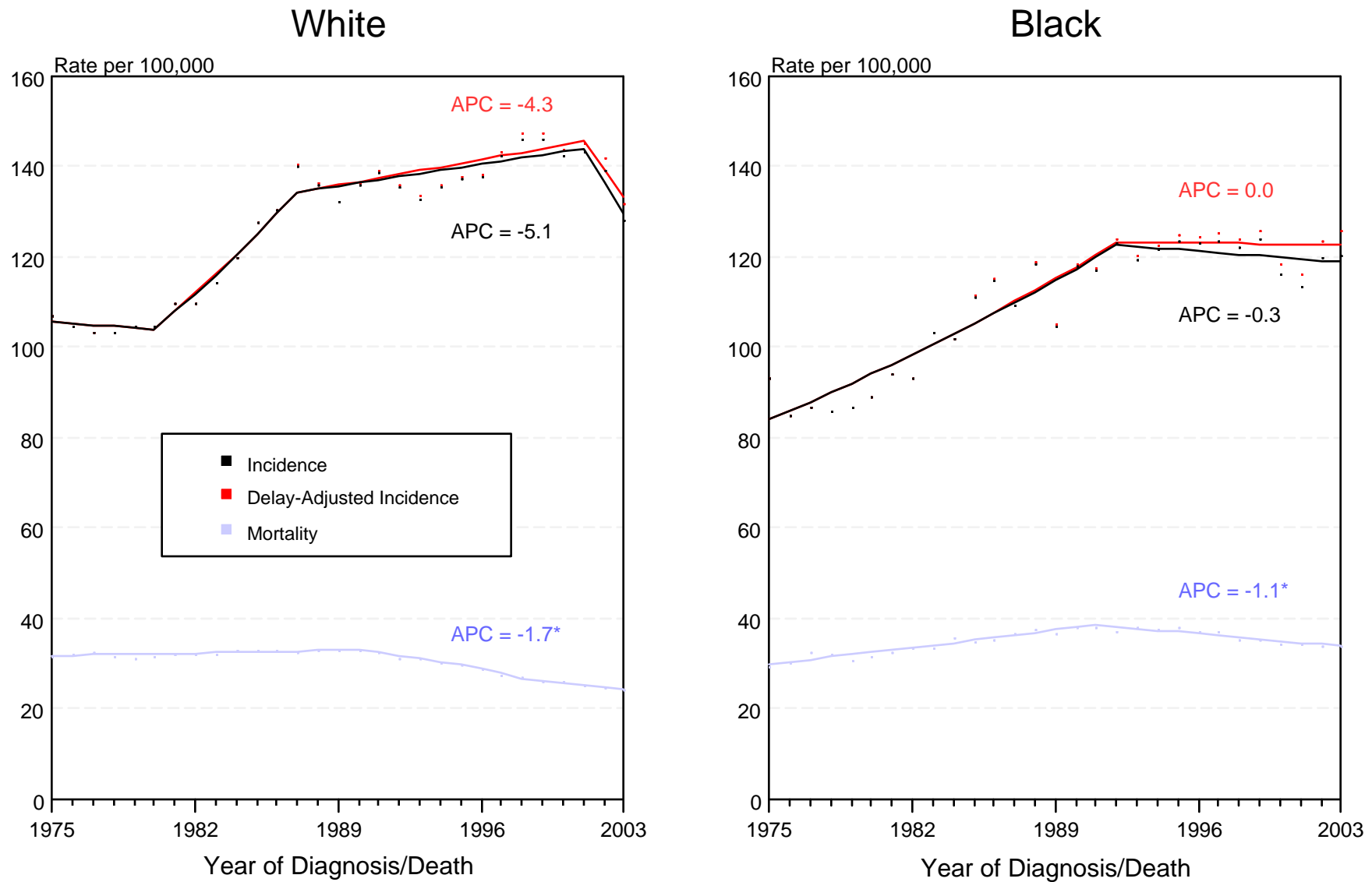## Female Breast Cancer, by Age and Race

White Ages <50

Rate per 100,000

APC = -0.2

APC = -0.3*

APC = -3.7*

Year of Diagnosis/Death

Black Ages <50

Rate per 100,000

APC = -1.0*

APC = -1.2*

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

APC = -1.9*

Year of Diagnosis/Death

White Ages 50+

Rate per 100,000

APC = -5.5

APC = -6.3*

APC = -2.1*

Year of Diagnosis/Death

Black Ages 50+

Rate per 100,000

APC = 0.4

APC = -0.1

APC = -1.1*
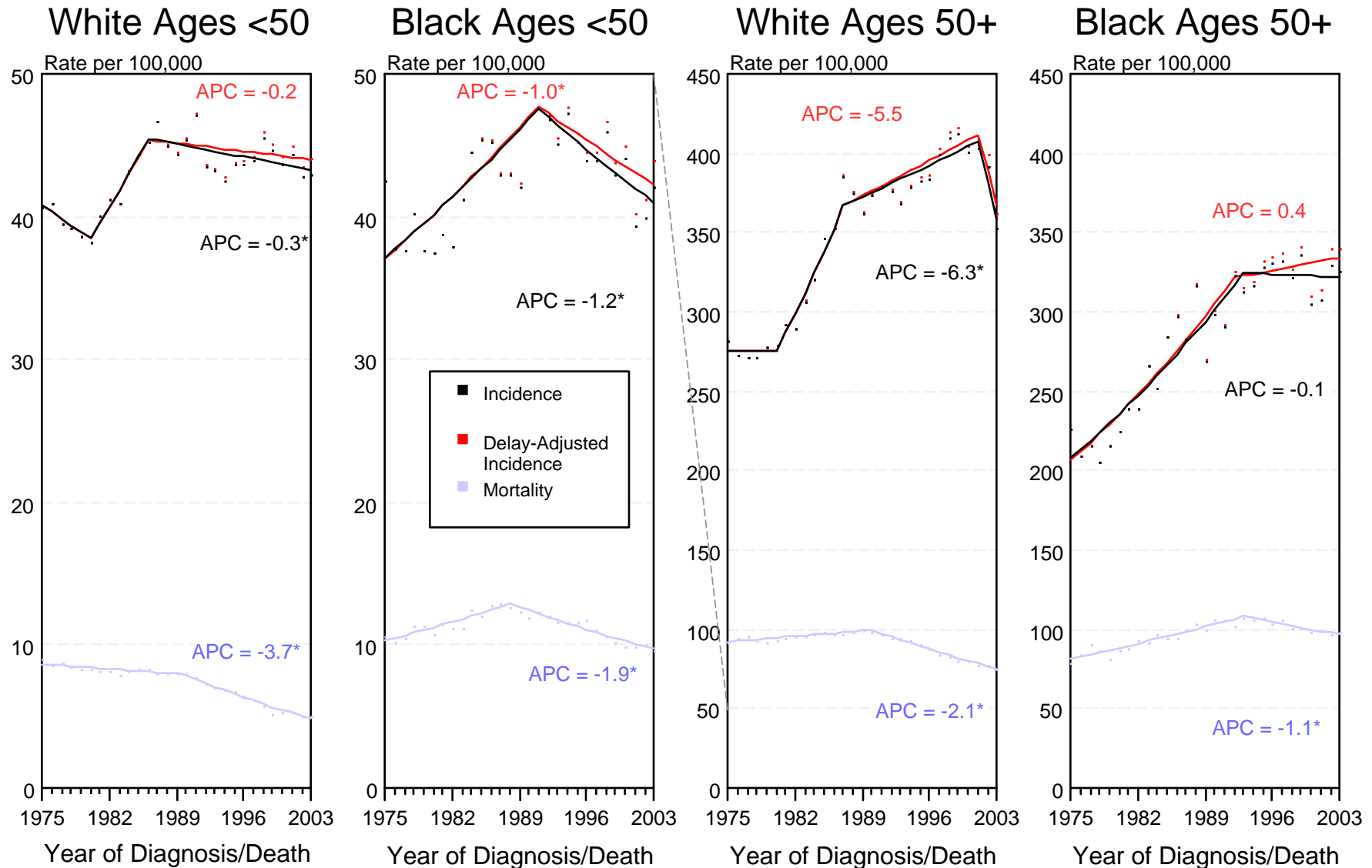
Year of Diagnosis/Death

Figure IV-2

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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+
Female Breast Cancer *(In Situ)*, by Race

White

Rate per 100,000

APC = -0.7

APC = -1.4

■ Incidence

■ Delay-Adjusted Incidence

Year of Diagnosis

Black

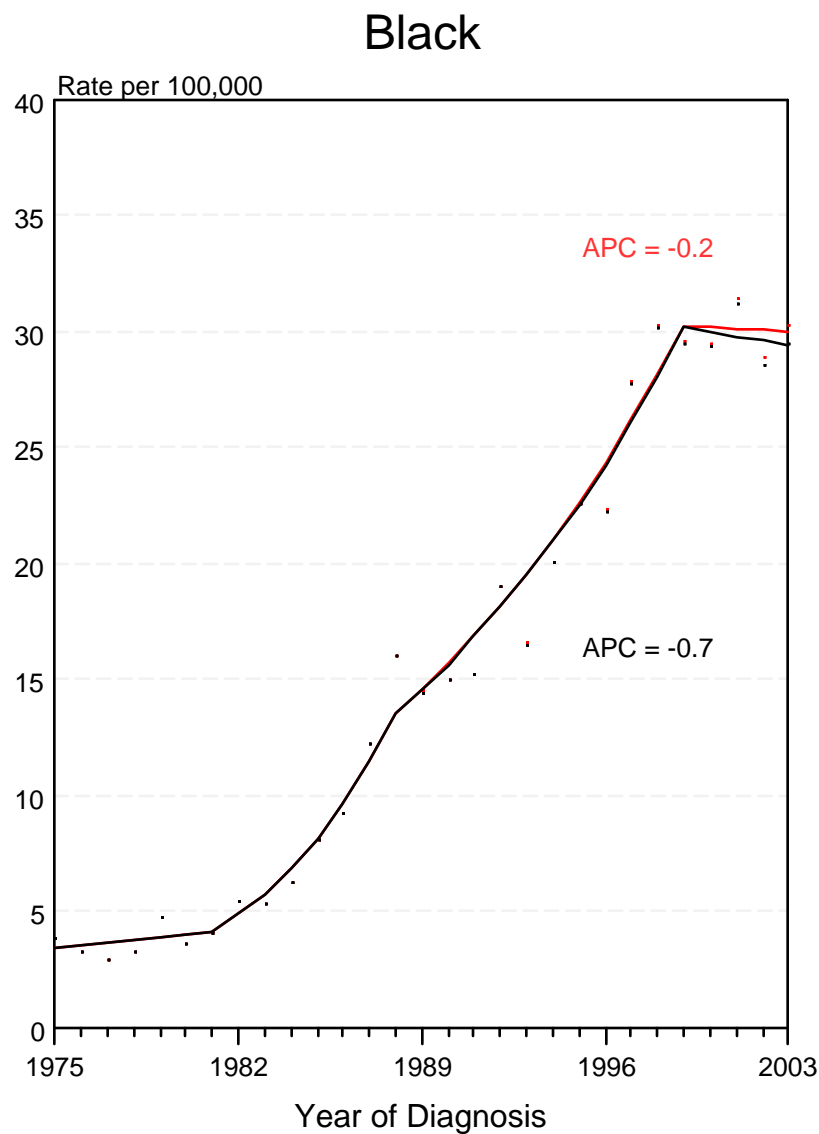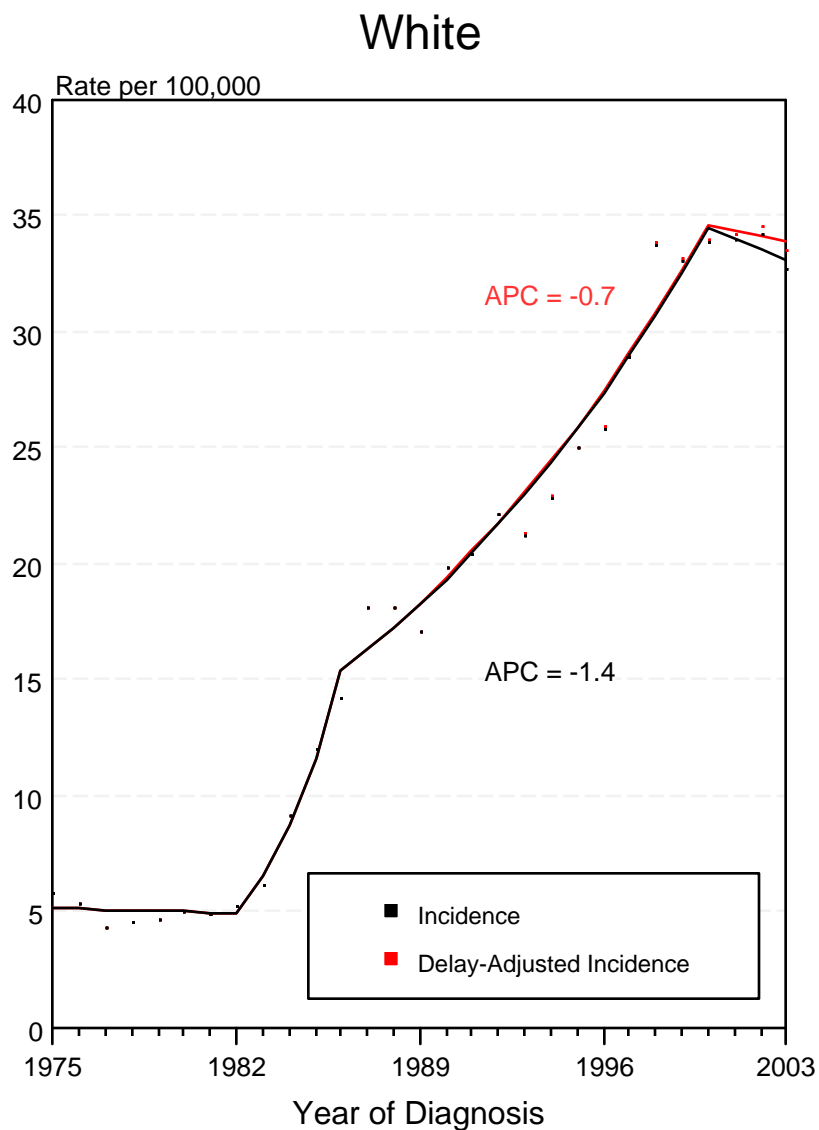Rate per 100,000

APC = -0.2

APC = -0.7

Year of Diagnosis

Figure IV-3

+ Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
   Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
   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 V-1
CERVIX UTERI CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1981	-4.5*	1981-1997	-1.2*	1997-2003	-4.5*		
All Races	Under 50	1975-1981	-3.7*	1981-1997	-0.5	1997-2003	-4.6*		
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.9	1991-2003	-3.4*		
White	All Ages	1975-1982	-4.8*	1982-1990	0.5	1990-2003	-2.6*		
White	Under 50	1975-1981	-4.6*	1981-1989	1.3	1989-1998	-1.3	1998-2003	-4.2*
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2003	-3.6*		
Black	All Ages	1975-2003	-3.8*						
Black	Under 50	1975-2003	-3.4*						
Black	50 and Over	1975-2003	-4.0*						
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1981	-4.6*	1981-1997	-1.1*	1997-2003	-4.3*		
All Races	Under 50	1975-1981	-3.7*	1981-1997	-0.4	1997-2003	-4.3*		
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.9	1991-2003	-3.2*		
White	All Ages	1975-1982	-4.8*	1982-1990	0.5	1990-2003	-2.5*		
White	Under 50	1975-1982	-4.0*	1982-1989	2.1	1989-2003	-1.9*		
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2003	-3.4*		
Black	All Ages	1975-2003	-3.7*						
Black	Under 50	1975-2003	-3.3*						
Black	50 and Over	1975-2003	-3.9*						
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1982	-4.3*	1982-1996	-1.6*	1996-2003	-3.8*		
All Races	Under 50	1975-1981	-3.8*	1981-1996	-0.7*	1996-2003	-4.0*		
All Races	50 and Over	1975-1984	-4.3*	1984-1994	-1.8*	1994-2003	-3.4*		
White	All Ages	1975-1983	-4.2*	1983-1996	-1.3*	1996-2003	-3.5*		
White	Under 50	1975-1979	-5.0*	1979-1997	-0.4*	1997-2003	-3.8*		
White	50 and Over	1975-1984	-4.6*	1984-1996	-1.8*	1996-2003	-3.5*		
Black	All Ages	1975-1981	-4.8*	1981-1993	-2.4*	1993-2003	-4.7*		
Black	Under 50	1975-2003	-3.3*						
Black	50 and Over	1975-1993	-3.0*	1993-2003	-4.3*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Cervix Uteri Cancer, by Race

White

Rate per 100,000

APC = -2.5*

APC = -2.6*

APC = -3.5*

Year of Diagnosis/Death

Black

Rate per 100,000

APC = -3.7*

APC = -3.8*

APC = -4.7*

Year of Diagnosis/Death

Legend:
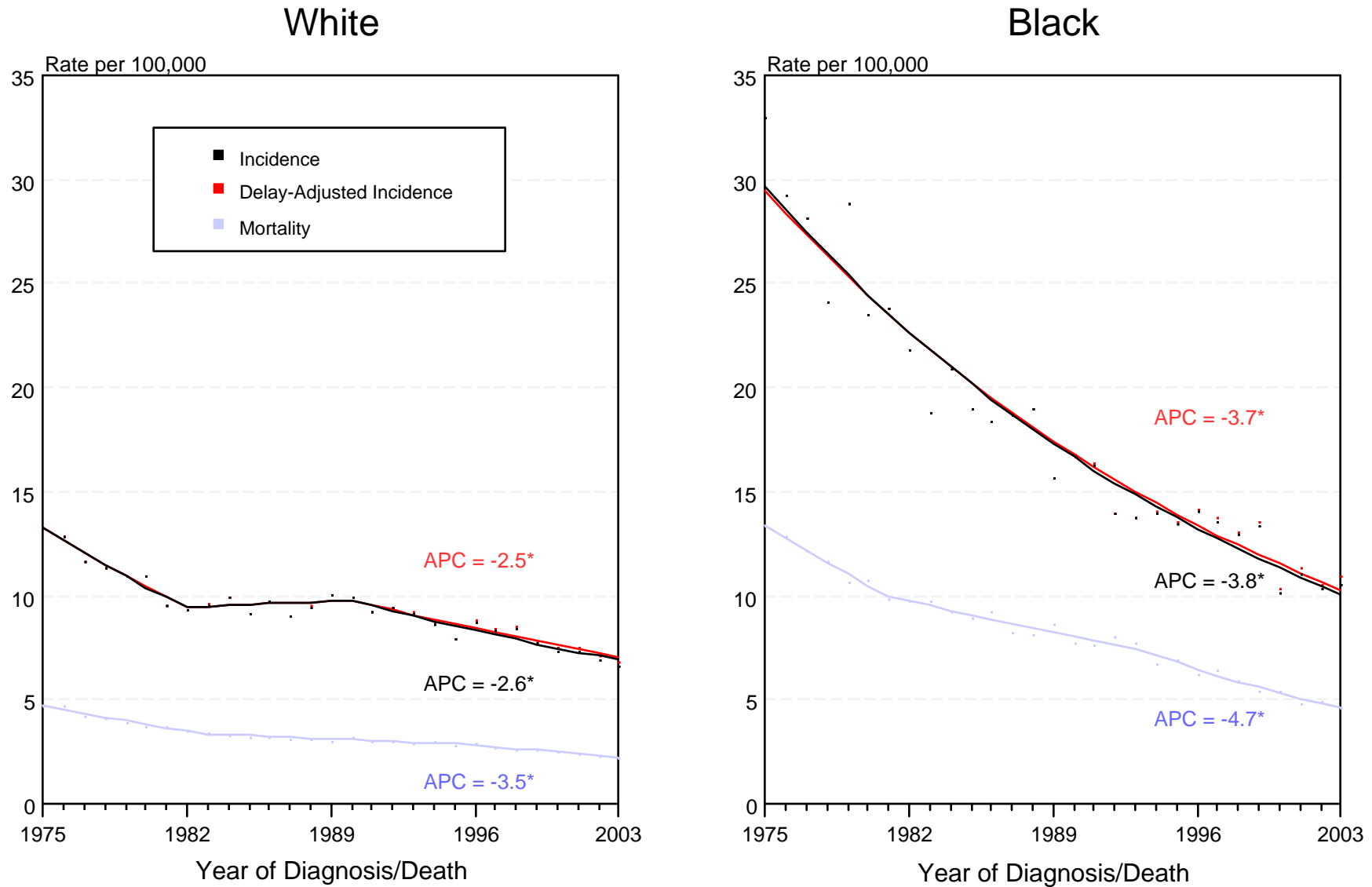- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

Figure V-1

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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, Delay Adjusted Incidence and US Death Rates+
Cervix Uteri Cancer, by Age and Race

White Ages <50

Rate per 100,000

APC = -1.9*

APC = -4.2*

APC = -3.8*

1975 1982 1989 1996 2003
Year of Diagnosis/Death

Black Ages <50

Rate per 100,000

APC = -3.3*

APC = -3.4*

APC = -3.3*

1975 1982 1989 1996 2003
Year of Diagnosis/Death

White Ages 50+

Rate per 100,000

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

APC = -3.4*

APC = -3.6*

APC = -3.5*

1975 1982 1989 1996 2003
Year of Diagnosis/Death

Black Ages 50+

Rate per 100,000

APC = -3.9*

APC = -4.0*

APC = -4.3*

1975 1982 1989 1996 2003
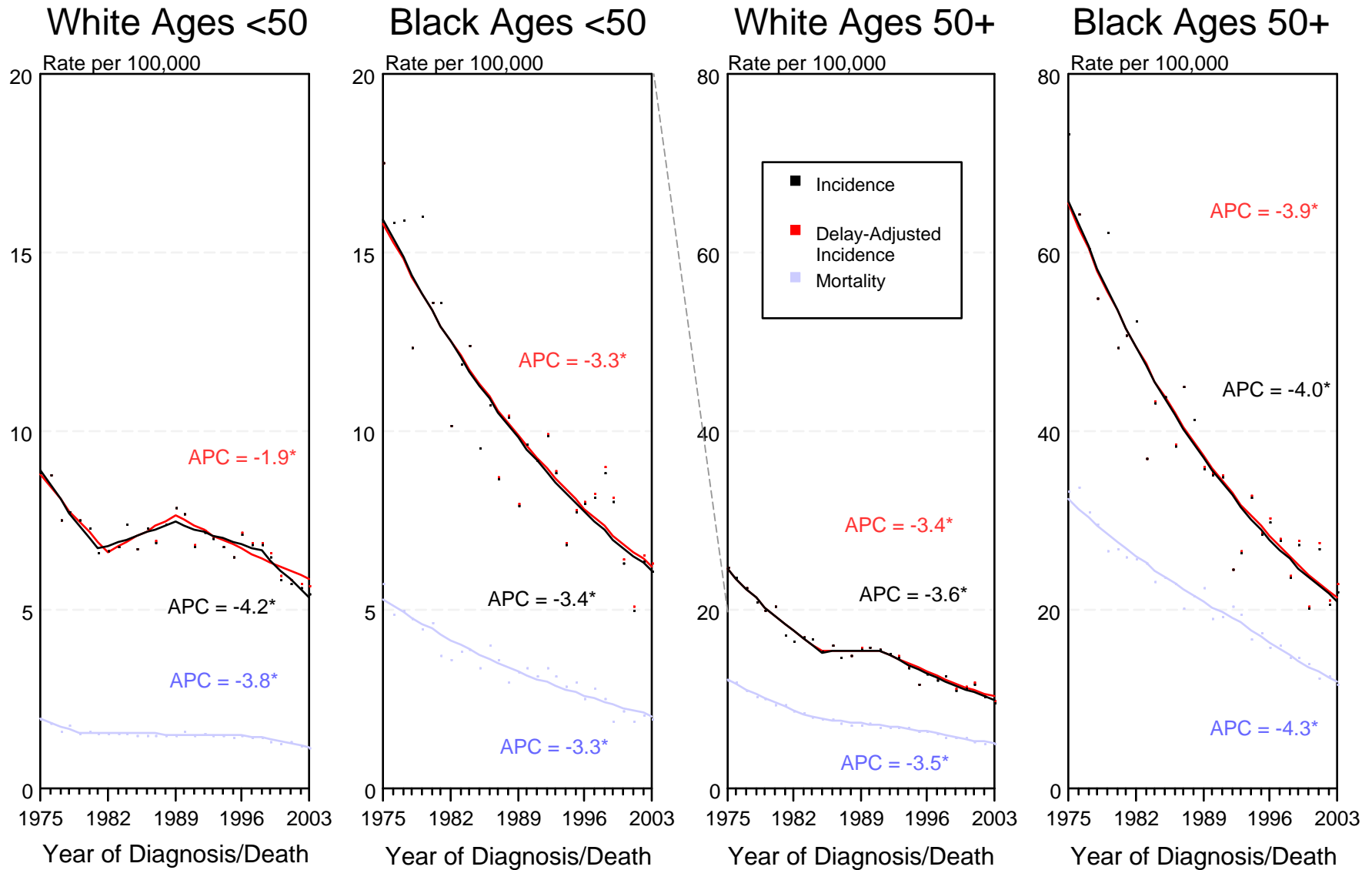Year of Diagnosis/Death

Figure V-2

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
   Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
   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 VI-1
COLON AND RECTUM CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.3	1998-2003	-2.4*
All Races	Male	1975-1986	1.1*	1986-1995	-2.1*	1995-1998	1.1	1998-2003	-2.8*
All Races	Female	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.7	1998-2003	-2.2*
White	Male and Female	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.5	1998-2003	-2.7*
White	Male	1975-1986	1.1*	1986-1995	-2.3*	1995-1998	1.3	1998-2003	-3.3*
White	Female	1975-1985	0.3	1985-1995	-2.1*	1995-1998	2.0	1998-2003	-2.4*
Black	Male and Female	1975-1980	3.4*	1980-2003	-0.2*				
Black	Male	1975-1980	4.6	1980-2003	-0.1				
Black	Female	1975-2003	-0.1						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.2	1998-2003	-2.1*
All Races	Male	1975-1986	1.1*	1986-1995	-2.1*	1995-1998	1.0	1998-2003	-2.5*
All Races	Female	1975-1985	0.3	1985-1995	-1.8*	1995-1998	1.7	1998-2003	-1.9*
White	Male and Female	1975-1985	0.8*	1985-1995	-1.9*	1995-1998	1.5	1998-2003	-2.3*
White	Male	1975-1986	1.1*	1986-1995	-2.3*	1995-1998	1.3	1998-2003	-2.8*
White	Female	1975-1985	0.3	1985-1995	-2.0*	1995-1998	2.0	1998-2003	-2.0*
Black	Male and Female	1975-1980	3.2*	1980-2003	-0.1				
Black	Male	1975-1980	4.4	1980-2003	0.0				
Black	Female	1975-2003	-0.1						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1978	0.2	1978-1985	-0.8*	1985-2001	-1.8*	2001-2003	-2.8*
All Races	Male	1975-1978	0.8	1978-1984	-0.4	1984-1990	-1.3*	1990-2003	-2.1*
All Races	Female	1975-1984	-1.0*	1984-2003	-1.9*				
White	Male and Female	1975-1984	-0.6*	1984-2003	-1.9*				
White	Male	1975-1978	0.7	1978-1984	-0.5	1984-1990	-1.5*	1990-2003	-2.2*
White	Female	1975-1984	-1.2*	1984-2003	-2.0*				
Black	Male and Female	1975-1990	0.7*	1990-2003	-0.9*				
Black	Male	1975-1990	1.3*	1990-2003	-0.8*				
Black	Female	1975-1986	0.7*	1986-2003	-0.9*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
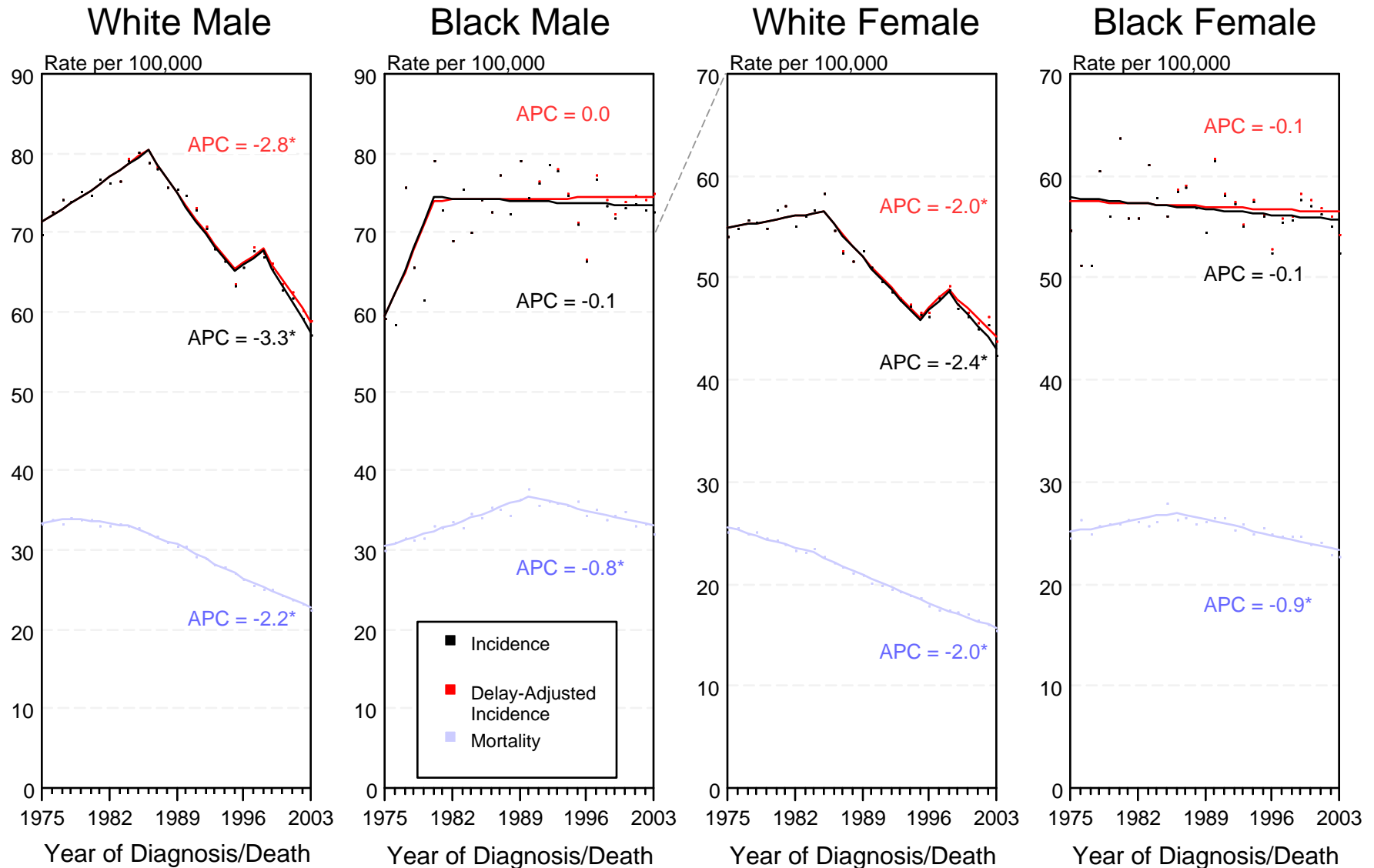## Colon and Rectum Cancer, by Race and Sex

Figure VI-1

White Male

Rate per 100,000

APC = -2.8*

APC = -3.3*

APC = -2.2*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = 0.0

APC = -0.1

APC = -0.8*

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = -2.0*

APC = -2.4*

APC = -2.0*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = -0.1

APC = -0.1

APC = -0.9*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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 VII-1
CORPUS AND UTERUS, NOS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1998	0.6*	1998-2003	-1.2*
All Races	Under 50	1975-1984	-3.7*	1984-2003	0.5*				
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.6*	1998-2003	-1.5*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.7*	1988-1998	0.7*	1998-2003	-1.5*
White	Under 50	1975-1983	-3.9*	1983-2003	0.1				
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.7*	1998-2003	-1.8*
Black	All Ages	1975-2003	0.4						
Black	Under 50	1975-1986	-4.9*	1986-2003	3.1*				
Black	50 and Over	1975-2003	0.3						
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1998	0.7*	1998-2003	-1.0*
All Races	Under 50	1975-1985	-3.3*	1985-2003	0.7*				
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.6*	1998-2003	-1.4*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.7*	1998-2003	-1.2*
White	Under 50	1975-1983	-4.0*	1983-2003	0.2				
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.8*	1998-2003	-1.5*
Black	All Ages	1975-2003	0.4*						
Black	Under 50	1975-1987	-4.3*	1987-2003	3.5*				
Black	50 and Over	1975-2003	0.4*						
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1991	-1.6*	1991-2003	-0.1				
All Races	Under 50	1975-1988	-4.0*	1988-2003	0.5				
All Races	50 and Over	1975-1983	-1.1*	1983-1987	-2.3*	1987-1997	-0.8*	1997-2003	0.3
White	All Ages	1975-1991	-1.7*	1991-2003	-0.2				
White	Under 50	1975-1987	-4.0*	1987-2003	0.4				
White	50 and Over	1975-1991	-1.6*	1991-2003	-0.3				
Black	All Ages	1975-1997	-0.8*	1997-2003	0.9				
Black	Under 50	1975-1996	-4.4*	1996-2003	4.6				
Black	50 and Over	1975-2003	-0.4*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.

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

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Corpus and Uterus, NOS Cancer, by Race

White

Rate per 100,000

APC = -1.2*

APC = -1.5*

APC = -0.2

Year of Diagnosis/Death

Black

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = 0.4*
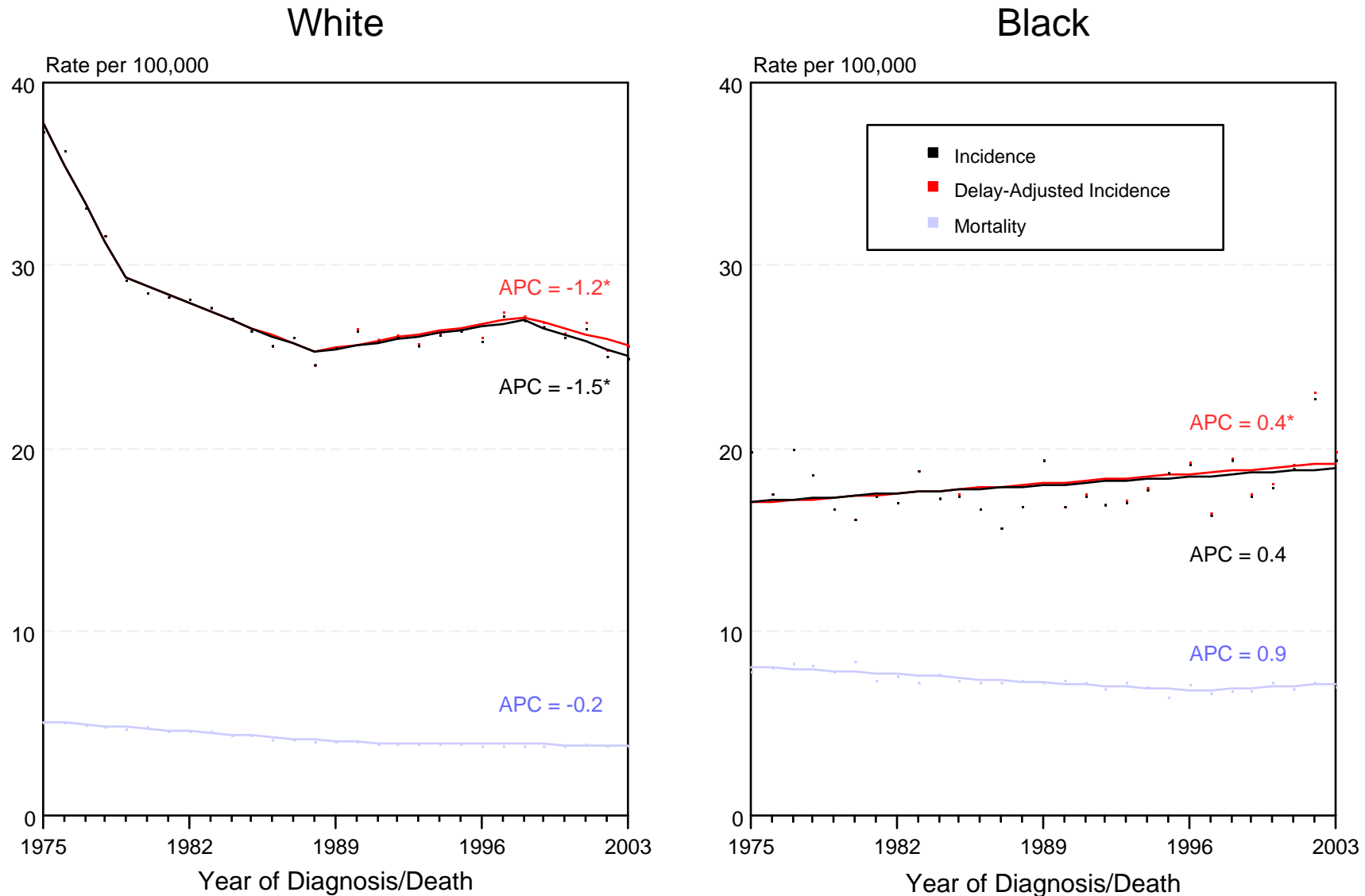
APC = 0.4

APC = 0.9

Year of Diagnosis/Death

Figure VII-1

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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, Delay Adjusted Incidence and US Death Rates+
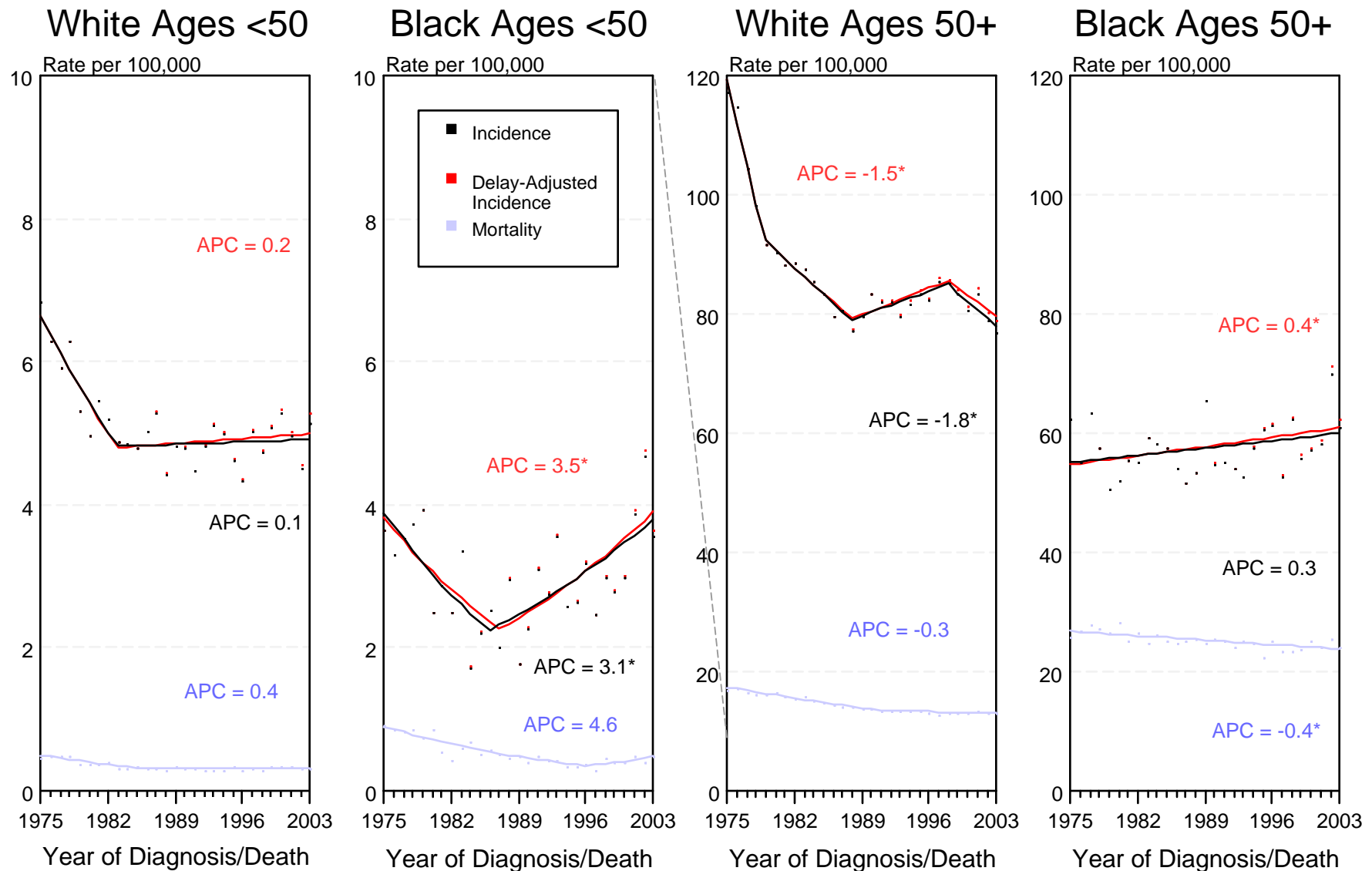Corpus and Uterus Cancer, by Age and Race

Figure VII-2

White Ages <50

Rate per 100,000

APC = 0.2

APC = 0.1

APC = 0.4

Year of Diagnosis/Death

Black Ages <50

Rate per 100,000

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

APC = 3.5*

APC = 3.1*

APC = 4.6

Year of Diagnosis/Death

White Ages 50+

Rate per 100,000

APC = -1.5*

APC = -1.8*

APC = -0.3

Year of Diagnosis/Death

Black Ages 50+

Rate per 100,000

APC = 0.4*

APC = 0.3

APC = -0.4*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 VIII-1
ESOPHAGUS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-2003	0.5*						
All Races	Male	1975-2003	0.7*						
All Races	Female	1975-2003	-0.4*						
White	Male and Female	1975-2003	1.3*						
White	Male	1975-2003	1.6*						
White	Female	1975-2003	0.0						
Black	Male and Female	1975-1986	1.0	1986-2003	-4.4*				
Black	Male	1975-1986	1.1	1986-2003	-4.8*				
Black	Female	1975-1980	9.9	1980-2003	-2.6*				
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	0.5*						
All Races	Male	1975-2003	0.7*						
All Races	Female	1975-2003	-0.3*						
White	Male and Female	1975-1981	-0.4	1981-2003	1.6*				
White	Male	1975-2003	1.7*						
White	Female	1975-2003	0.0						
Black	Male and Female	1975-1986	1.0	1986-2003	-4.4*				
Black	Male	1975-1986	1.1	1986-2003	-4.8*				
Black	Female	1975-1980	9.8	1980-2003	-2.5*				
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-2001	0.7*	2001-2003	-0.6				
All Races	Male	1975-1985	0.7*	1985-1994	1.2*	1994-2003	0.5*		
All Races	Female	1975-2003	0.0						
White	Male and Female	1975-1983	0.4*	1983-2001	1.7*	2001-2003	0.1		
White	Male	1975-1982	0.4	1982-2000	1.9*	2000-2003	0.6		
White	Female	1975-2003	0.4*						
Black	Male and Female	1975-1984	0.6	1984-1993	-1.9*	1993-2003	-4.3*		
Black	Male	1975-1984	0.8	1984-1993	-1.9*	1993-2003	-4.7*		
Black	Female	1975-1990	0.0	1990-2003	-3.2*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+ Esophagus Cancer, by Race and Sex

White Male
Rate per 100,000

APC = 1.7*
APC = 1.6*
APC = 0.6

Year of Diagnosis/Death

Black Male
Rate per 100,000

APC = -4.8*
APC = -4.8*
APC = -4.7*

- Incidence
- Delay-Adjusted Incidence
- Mortality

Year of Diagnosis/Death

White Female
Rate per 100,000

APC = 0.0
APC = 0.0
APC = 0.4*

Year of Diagnosis/Death

Black Female
Rate per 100,000

APC = -2.5*
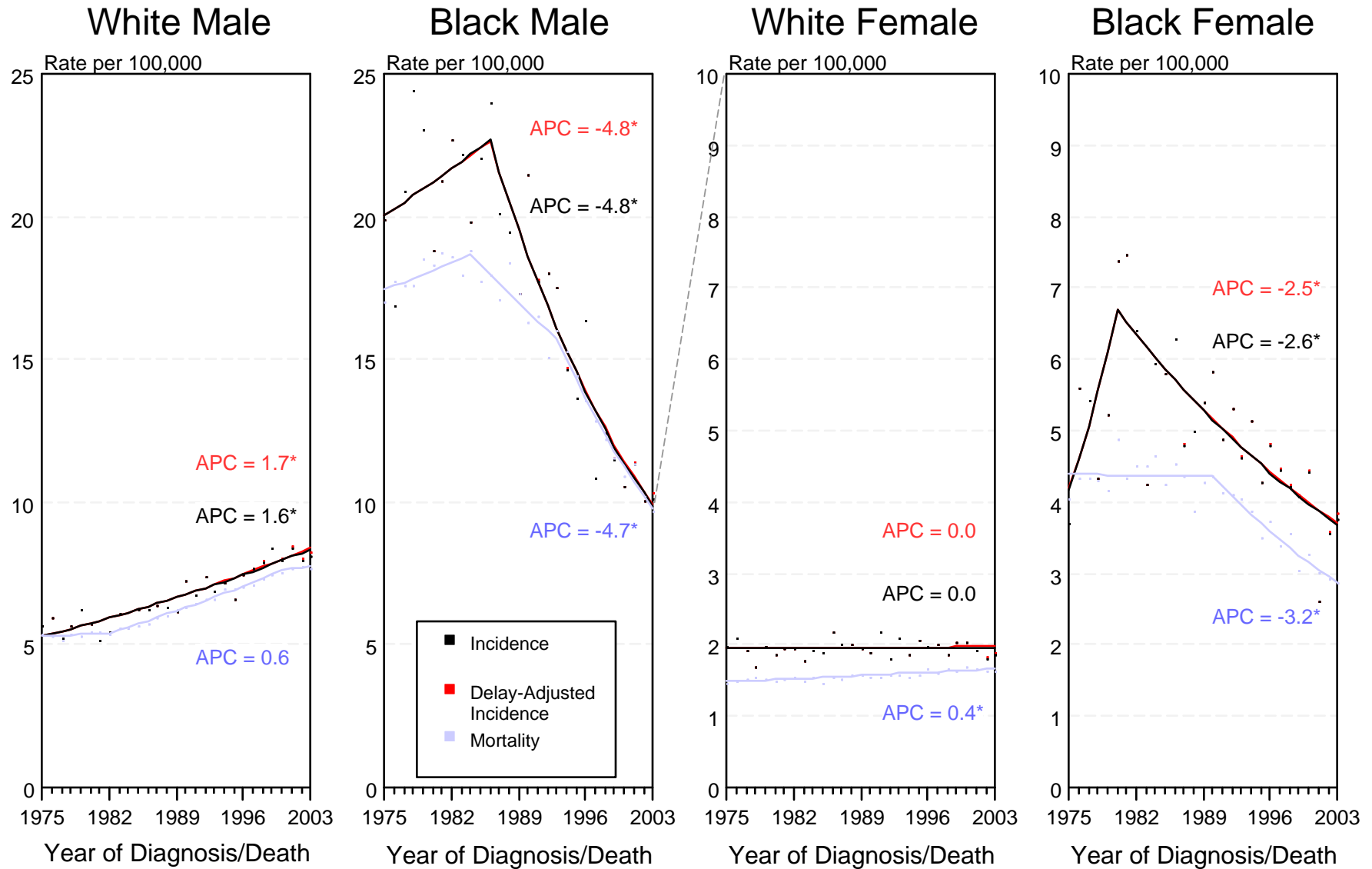APC = -2.6*
APC = -3.2*

Year of Diagnosis/Death

Figure VIII-1

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 IX-1
HODGKIN LYMPHOMA (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-2003	-0.3*						
All Races	Male	1975-2003	-0.7*						
All Races	Female	1975-2003	0.3						
White	Male and Female	1975-1988	0.6	1988-2003	-0.9*				
White	Male	1975-2003	-0.6*						
White	Female	1975-2003	0.2						
Black	Male and Female	1975-2003	0.7						
Black	Male	1975-2003	-0.2						
Black	Female	1975-2003	2.3*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	-0.2*						
All Races	Male	1975-2003	-0.7*						
All Races	Female	1975-2003	0.3*						
White	Male and Female	1975-1988	0.6	1988-2003	-0.8*				
White	Male	1975-2003	-0.6*						
White	Female	1975-2003	0.3						
Black	Male and Female	1975-2003	0.8*						
Black	Male	1975-2003	-0.2						
Black	Female	1975-2003	2.4*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1979	-6.5*	1979-2000	-3.5*	2000-2003	-0.2		
All Races	Male	1975-2003	-3.8*						
All Races	Female	1975-1985	-4.9*	1985-2003	-2.5*				
White	Male and Female	1975-1979	-6.2*	1979-1998	-3.6*	1998-2003	-1.4		
White	Male	1975-1997	-4.1*	1997-2003	-2.0				
White	Female	1975-1985	-5.0*	1985-2003	-2.5*				
Black	Male and Female	1975-1978	-10.5*	1978-1992	-1.8*	1992-2003	-4.4*		
Black	Male	1975-2003	-3.3*						
Black	Female	1975-2003	-2.7*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

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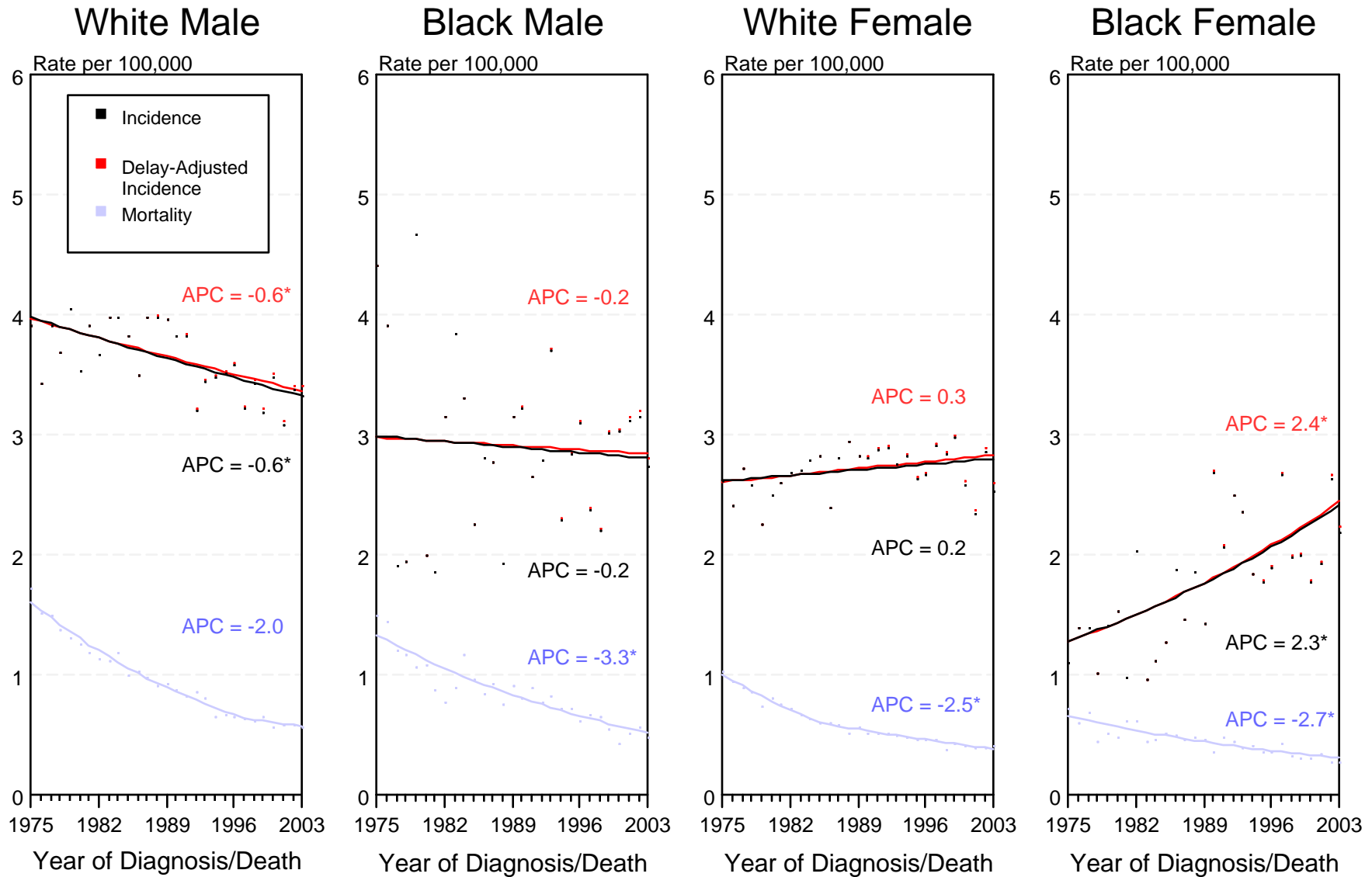## Hodgkin Lymphoma, by Race and Sex

Figure IX-1

White Male

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = -0.6*

APC = -0.6*

APC = -2.0

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -0.2

APC = -0.2

APC = -3.3*

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 0.3

APC = 0.2

APC = -2.5*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 2.4*

APC = 2.3*

APC = -2.7*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 XI-1
KIDNEY AND RENAL PELVIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-2003	1.9*						
All Races	Male	1975-2003	1.7*						
All Races	Female	1975-2003	2.2*						
White	Male and Female	1975-1989	2.3*	1989-2003	1.6*				
White	Male	1975-2003	1.6*						
White	Female	1975-1989	2.8*	1989-2003	1.7*				
Black	Male and Female	1975-2003	2.8*						
Black	Male	1975-2003	2.8*						
Black	Female	1975-2003	2.9*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	2.0*						
All Races	Male	1975-2003	1.8*						
All Races	Female	1975-2003	2.3*						
White	Male and Female	1975-1991	2.4*	1991-1997	0.7	1997-2003	3.2*		
White	Male	1975-2003	1.7*						
White	Female	1975-1992	2.8*	1992-1999	0.7	1999-2003	5.2*		
Black	Male and Female	1975-2003	3.0*						
Black	Male	1975-2003	3.0*						
Black	Female	1975-2003	3.1*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1992	1.1*	1992-2003	-0.2				
All Races	Male	1975-1991	1.1*	1991-2003	-0.1				
All Races	Female	1975-1992	1.3*	1992-2003	-0.5*				
White	Male and Female	1975-1992	1.0*	1992-2003	-0.1				
White	Male	1975-1991	1.0*	1991-2003	-0.1				
White	Female	1975-1992	1.2*	1992-2003	-0.5				
Black	Male and Female	1975-1991	2.7*	1991-2003	-0.1				
Black	Male	1975-1990	3.1*	1990-2003	0.0				
Black	Female	1975-1995	2.3*	1995-2003	-1.1				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
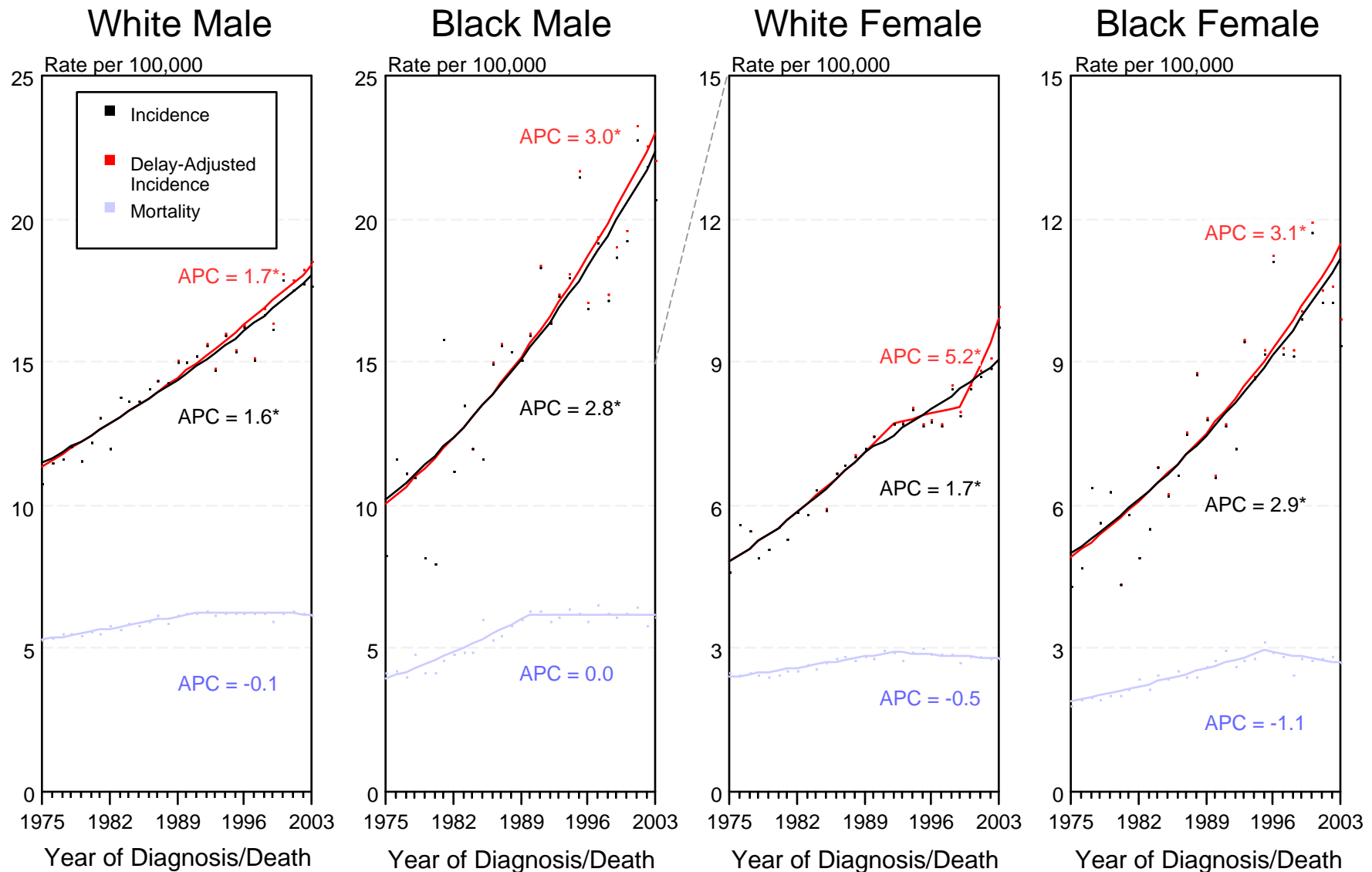## Kidney and Renal Pelvis Cancer, by Race and Sex

SEER Cancer Statistics Review 1975-2003

National Cancer Institute

Figure XI-1

Table XII-1
LARYNX CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975–1989	0.0	1989–2003	-2.8*				
All Races	Male	1975–1988	-0.2	1988–2003	-2.9*				
All Races	Female	1975–1989	1.8*	1989–2003	-2.6*				
White	Male and Female	1975–1988	0.1	1988–2003	-2.7*				
White	Male	1975–1988	-0.3	1988–2003	-3.0*				
White	Female	1975–1989	1.7*	1989–2003	-2.5*				
Black	Male and Female	1975–1990	1.2	1990–2003	-3.0*				
Black	Male	1975–1990	0.9	1990–2003	-3.0*				
Black	Female	1975–2003	0.2						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975–1989	-0.1	1989–2003	-2.7*				
All Races	Male	1975–1988	-0.2	1988–2003	-2.8*				
All Races	Female	1975–1989	1.8*	1989–2003	-2.6*				
White	Male and Female	1975–1988	0.1	1988–2003	-2.6*				
White	Male	1975–1988	-0.3	1988–2003	-2.9*				
White	Female	1975–1989	1.7*	1989–2003	-2.3*				
Black	Male and Female	1975–1990	1.2*	1990–2003	-2.9*				
Black	Male	1975–1990	0.9	1990–2003	-2.9*				
Black	Female	1975–2003	0.2						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975–1988	-0.7*	1988–1992	0.8	1992–2003	-2.1*		
All Races	Male	1975–1993	-0.8*	1993–2003	-2.3*				
All Races	Female	1975–1992	1.5*	1992–2003	-1.8*				
White	Male and Female	1975–1988	-1.0*	1988–1991	1.2	1991–2003	-1.8*		
White	Male	1975–1993	-1.1*	1993–2003	-2.1*				
White	Female	1975–1992	1.4*	1992–2003	-1.6*				
Black	Male and Female	1975–1993	1.2*	1993–2003	-2.9*				
Black	Male	1975–1993	1.3*	1993–2003	-2.9*				
Black	Female	1975–1993	2.2*	1993–2003	-2.9*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
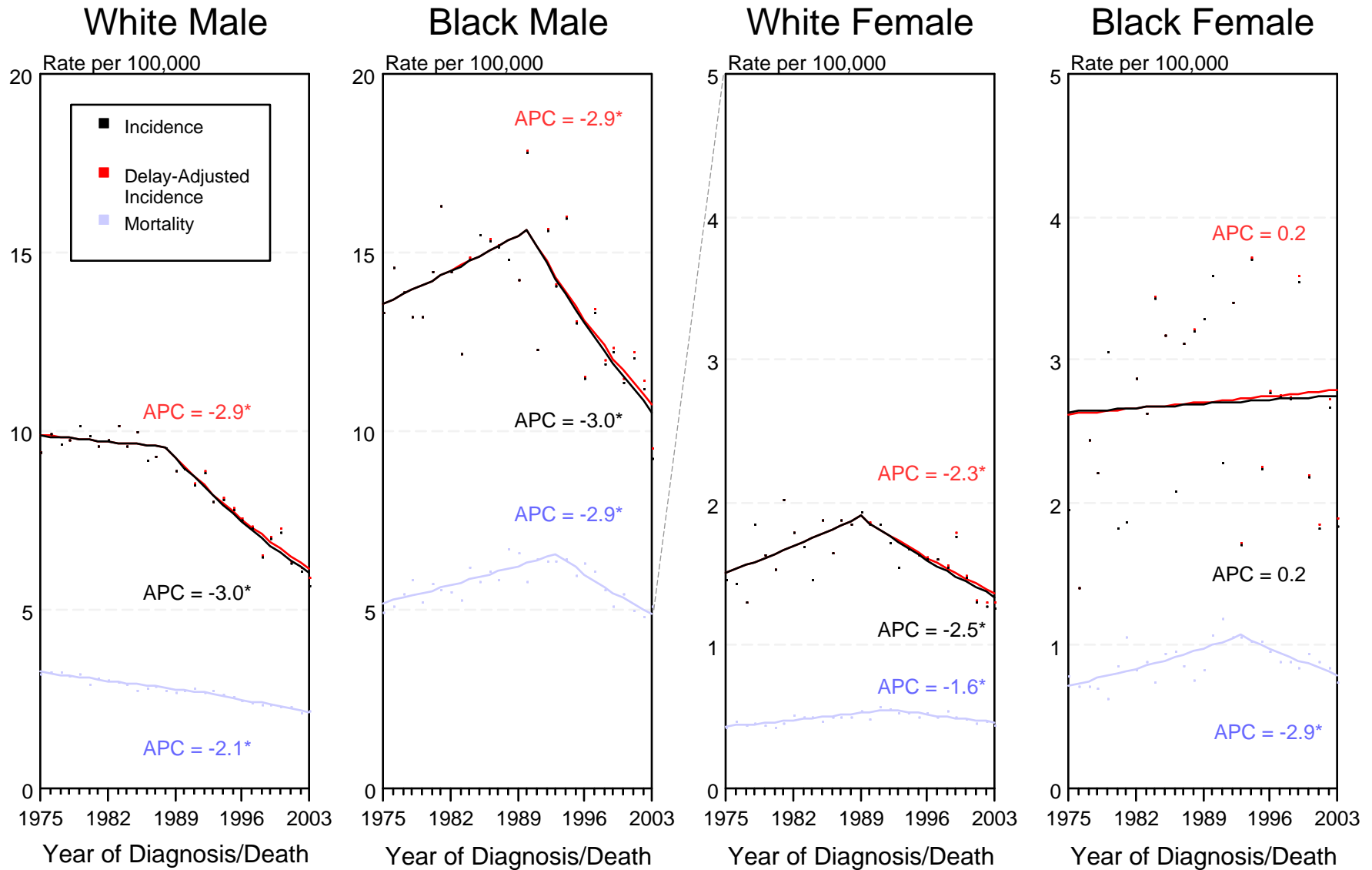## Larynx Cancer, by Race and Sex

Figure XII-1

White Male

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = -2.9*

APC = -3.0*

APC = -2.1*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -2.9*

APC = -3.0*

APC = -2.9*

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = -2.3*

APC = -2.5*

APC = -1.6*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 0.2

APC = 0.2

APC = -2.9*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. 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 XIII-1
LEUKEMIA (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-2001	0.0	2001-2003	-4.6				
All Races	Male	1975-2001	-0.1	2001-2003	-4.4				
All Races	Female	1975-2001	0.0	2001-2003	-5.0				
White	Male and Female	1975-2001	0.1	2001-2003	-4.7				
White	Male	1975-2003	-0.1						
White	Female	1975-2001	0.2	2001-2003	-5.6				
Black	Male and Female	1975-2003	-0.6*						
Black	Male	1975-2003	-0.7*						
Black	Female	1975-2003	-0.6*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	0.2*						
All Races	Male	1975-2003	0.2*						
All Races	Female	1975-2003	0.2*						
White	Male and Female	1975-2003	0.5*						
White	Male	1975-2003	0.3*						
White	Female	1975-2003	0.5*						
Black	Male and Female	1975-2003	-0.2						
Black	Male	1975-2003	-0.2						
Black	Female	1975-2003	-0.1						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1980	0.6	1980-1988	-0.6*	1988-1991	0.8	1991-2003	-0.6*
All Races	Male	1975-1995	-0.2*	1995-2003	-0.7*				
All Races	Female	1975-1980	0.9	1980-2003	-0.5*				
White	Male and Female	1975-1980	0.5	1980-1988	-0.7*	1988-1991	0.7	1991-2003	-0.5*
White	Male	1975-2003	-0.3*						
White	Female	1975-1980	0.7	1980-2003	-0.4*				
Black	Male and Female	1975-1991	0.6*	1991-2003	-1.1*				
Black	Male	1975-1991	1.0*	1991-2003	-1.3*				
Black	Female	1975-1983	1.4*	1983-2003	-0.4*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
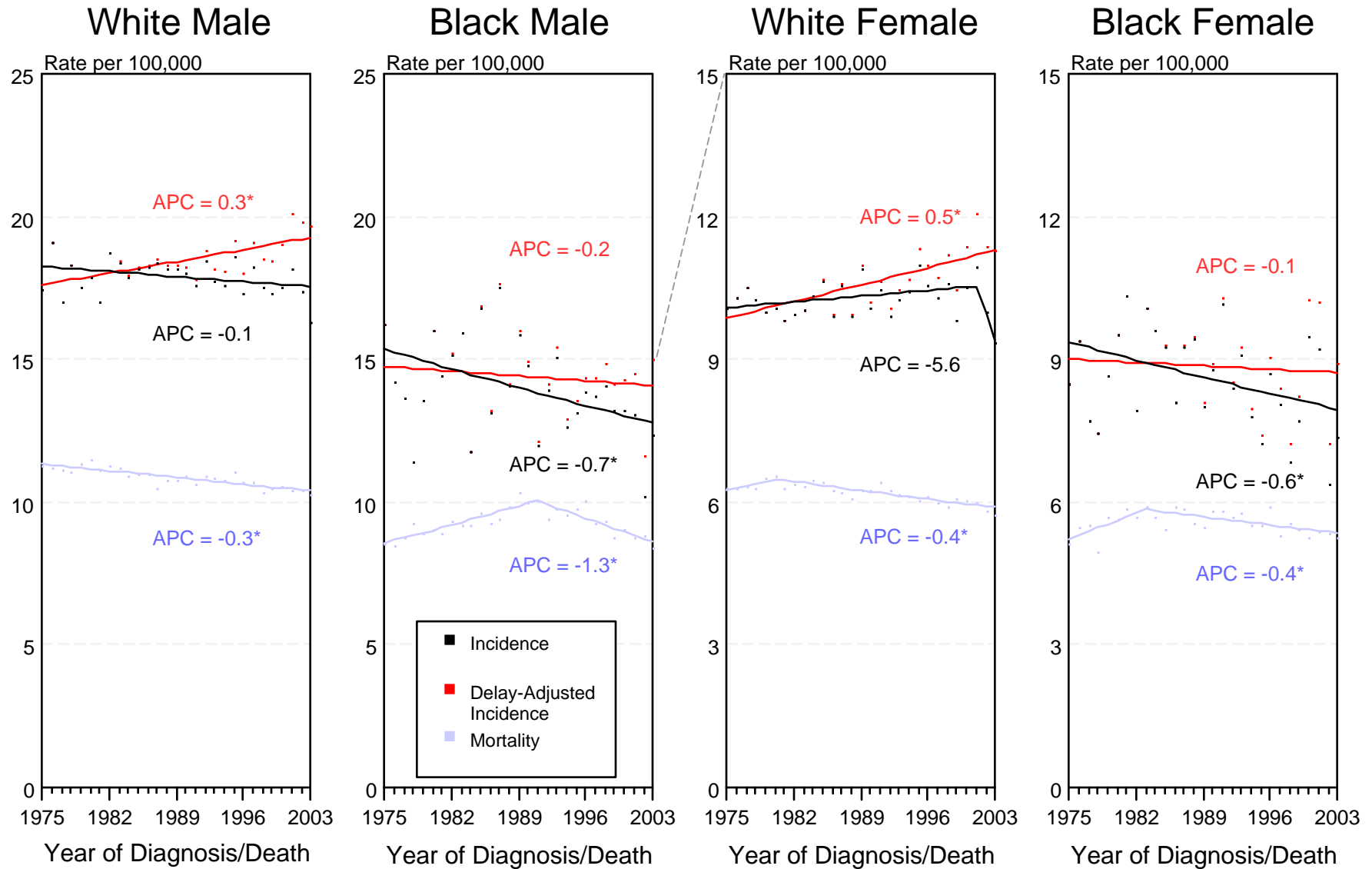## Leukemia, by Race and Sex

Figure XIII-1

White Male

Rate per 100,000

APC = 0.3*

APC = -0.1

APC = -0.3*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -0.2

APC = -0.7*

APC = -1.3*

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 0.5*

APC = -5.6

APC = -0.4*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = -0.1

APC = -0.6*

APC = -0.4*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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 XIV-1
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1984	1.3	1984-1998	4.7*	1998-2003	0.7		
All Races	Male	1975-1984	1.7	1984-1998	4.5*	1998-2003	0.9		
All Races	Female	1975-1983	0.6	1983-1999	4.2*	1999-2003	-1.5		
White	Male and Female	1975-1986	1.3*	1986-1998	5.1*	1998-2003	0.1		
White	Male	1975-1987	1.9*	1987-1998	5.3*	1998-2003	0.0		
White	Female	1975-1985	0.8	1985-1999	4.1*	1999-2003	-2.1		
Black	Male and Female	1975-2003	2.8*						
Black	Male	1975-2003	3.1*						
Black	Female	1975-2003	2.3*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1984	1.3	1984-1998	4.7*	1998-2003	1.6		
All Races	Male	1975-1986	2.1*	1986-1996	5.1*	1996-2003	2.4*		
All Races	Female	1975-1983	0.4	1983-1998	4.4*	1998-2003	0.6		
White	Male and Female	1975-1986	1.4	1986-1998	5.1*	1998-2003	1.1		
White	Male	1975-1987	1.8*	1987-1997	5.5*	1997-2003	1.6		
White	Female	1975-1985	0.8	1985-1999	4.1*	1999-2003	-0.8		
Black	Male and Female	1975-2003	2.9*						
Black	Male	1975-2003	3.2*						
Black	Female	1975-2003	2.4*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1978	-0.8	1978-1987	1.8*	1987-1995	3.9*	1995-2003	1.6*
All Races	Male	1975-1985	1.5*	1985-1995	3.8*	1995-2003	1.8*		
All Races	Female	1975-1981	-0.1	1981-1988	1.7*	1988-1995	3.7*	1995-2003	0.7*
White	Male and Female	1975-1978	-1.2	1978-1987	1.6*	1987-1995	3.9*	1995-2003	1.6*
White	Male	1975-1985	1.4*	1985-1996	3.9*	1996-1999	0.5	1999-2003	2.8*
White	Female	1975-1978	-1.9	1978-1988	1.2*	1988-1995	3.8*	1995-2003	0.5
Black	Male and Female	1975-1987	0.7*	1987-1995	2.8*	1995-2003	1.0*		
Black	Male	1975-2003	1.6*						
Black	Female	1975-2003	1.7*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence and Delay Adjusted Incidence Rates+
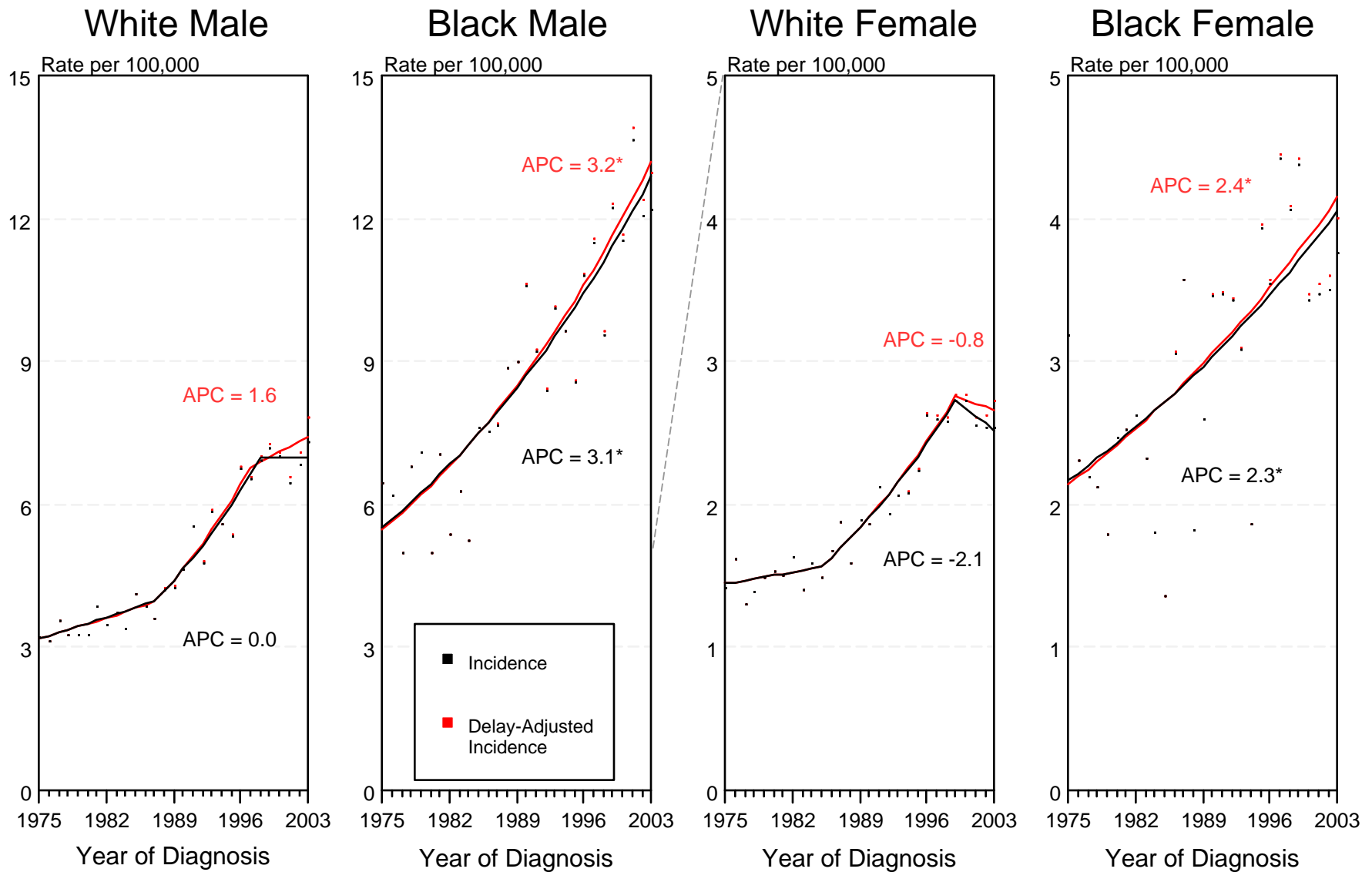## Liver and Intrahepatic Bile Duct Cancer, by Race and Sex

Figure XIV-1

White Male
Rate per 100,000

APC = 1.6

APC = 0.0

Year of Diagnosis

Black Male
Rate per 100,000

APC = 3.2*

APC = 3.1*

Incidence

Delay-Adjusted Incidence

Year of Diagnosis

White Female
Rate per 100,000

APC = -0.8

APC = -2.1

Year of Diagnosis

Black Female
Rate per 100,000

APC = 2.4*

APC = 2.3*

Year of Diagnosis

+ Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 XV-1
LUNG AND BRONCHUS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1982	2.5*	1982-1991	1.0*	1991-2003	-0.8*		
All Races	Male	1975-1982	1.5*	1982-1991	-0.5*	1991-2003	-1.8*		
All Races	Female	1975-1982	5.5*	1982-1990	3.5*	1990-1998	1.0*	1998-2003	-0.5
White	Male and Female	1975-1982	2.5*	1982-1991	1.1*	1991-2003	-0.7*		
White	Male	1975-1981	1.5*	1981-1990	-0.2	1990-2003	-1.8*		
White	Female	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2003	-0.3
Black	Male and Female	1975-1984	3.5*	1984-2003	-0.7*				
Black	Male	1975-1984	3.1*	1984-2003	-1.7*				
Black	Female	1975-1990	4.2*	1990-2003	0.5				
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1982	2.5*	1982-1991	0.9*	1991-2003	-0.7*		
All Races	Male	1975-1982	1.5*	1982-1991	-0.5*	1991-2003	-1.7*		
All Races	Female	1975-1982	5.6*	1982-1991	3.4*	1991-2003	0.5*		
White	Male and Female	1975-1988	1.9*	1988-2003	-0.3*				
White	Male	1975-1981	1.5*	1981-1989	-0.1	1989-2003	-1.6*		
White	Female	1975-1982	5.9*	1982-1991	3.5*	1991-2003	0.7*		
Black	Male and Female	1975-1984	3.5*	1984-2003	-0.6*				
Black	Male	1975-1984	3.1*	1984-2003	-1.6*				
Black	Female	1975-1989	4.4*	1989-2003	0.8*				
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1980	3.0*	1980-1990	1.8*	1990-1994	-0.1	1994-2003	-0.9*
All Races	Male	1975-1978	2.4*	1978-1984	1.2*	1984-1991	0.3*	1991-2003	-1.9*
All Races	Female	1975-1982	6.0*	1982-1990	4.2*	1990-1995	1.7*	1995-2003	0.3*
White	Male and Female	1975-1982	2.6*	1982-1990	1.7*	1990-1993	0.3	1993-2003	-0.7*
White	Male	1975-1980	1.9*	1980-1987	0.7*	1987-1991	0.1	1991-2003	-1.7*
White	Female	1975-1983	5.8*	1983-1990	4.1*	1990-1994	2.1*	1994-2003	0.5*
Black	Male and Female	1975-1981	3.5*	1981-1990	1.9*	1990-1995	-0.7*	1995-2003	-1.6*
Black	Male	1975-1982	2.9*	1982-1989	1.4*	1989-1993	-0.6	1993-2003	-2.6*
Black	Female	1975-1982	6.4*	1982-1992	3.7*	1992-2003	0.4*		

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
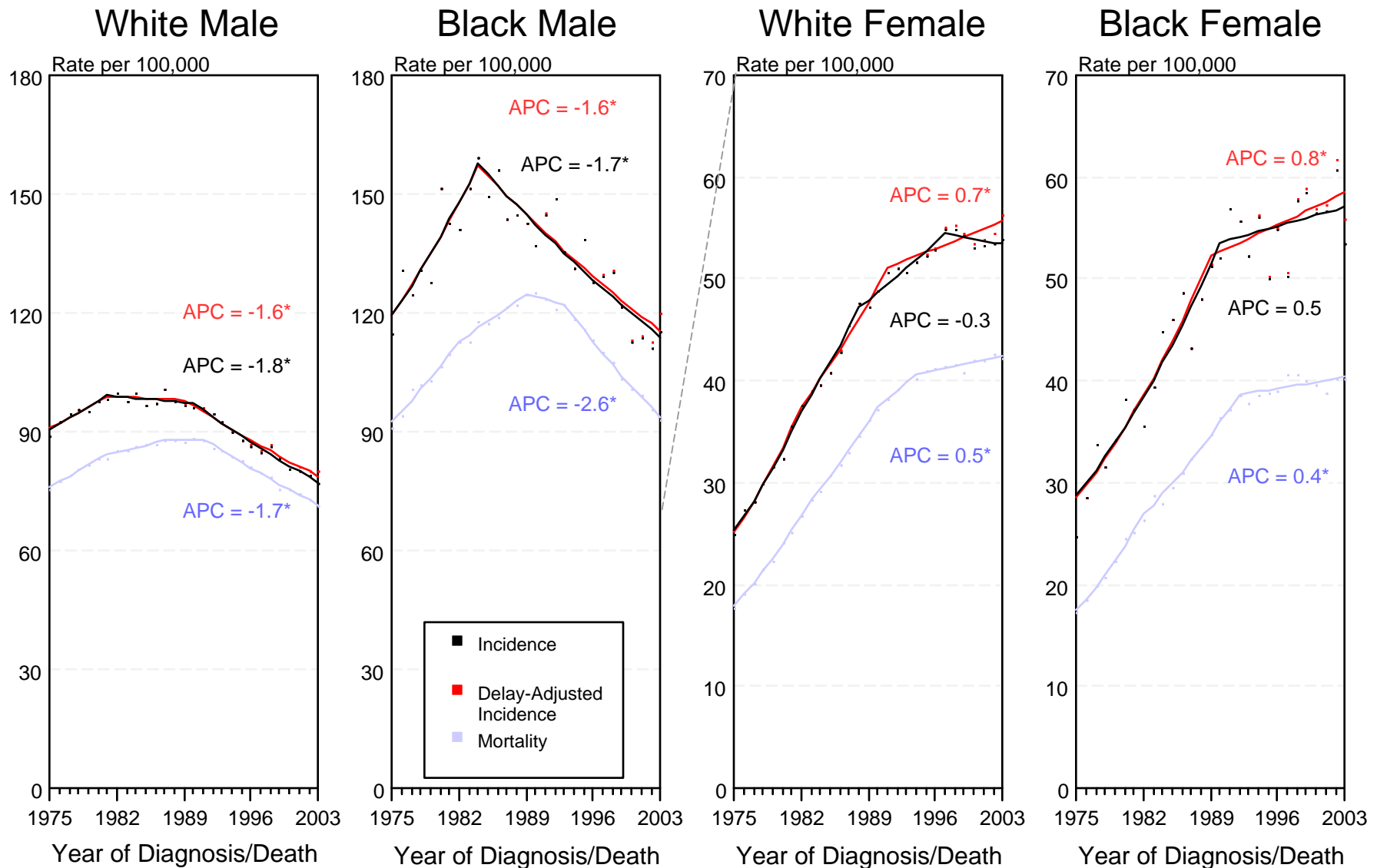## Lung and Bronchus Cancer, by Race and Sex

Figure XV-1

White Male

Rate per 100,000

APC = -1.6*
APC = -1.8*
APC = -1.7*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -1.6*
APC = -1.7*
APC = -2.6*

Incidence

Delay-Adjusted Incidence

Mortality

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 0.7*
APC = -0.3
APC = 0.5*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 0.8*
APC = 0.5
APC = 0.4*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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, Delay Adjusted Incidence and US Death Rates+
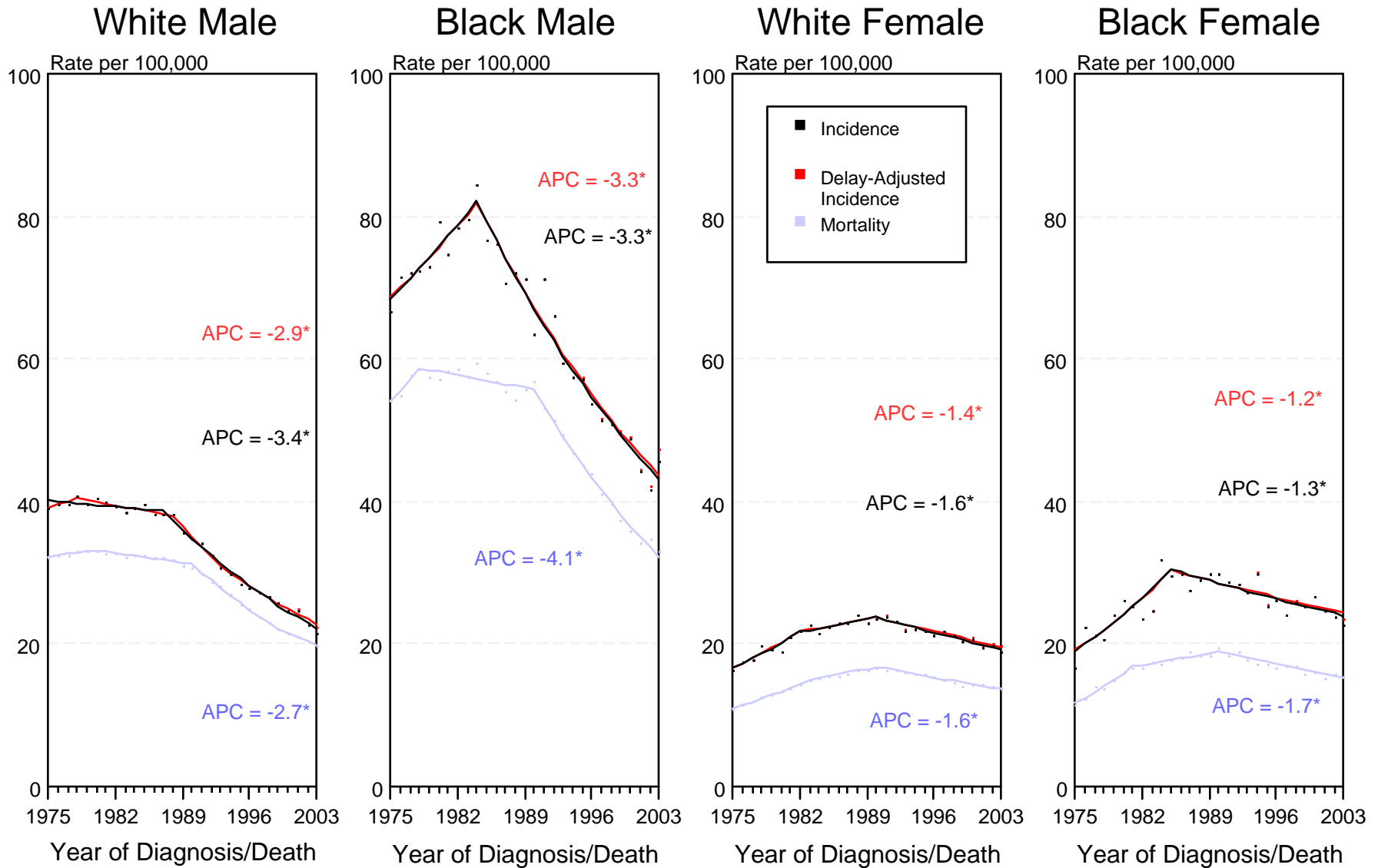Lung and Bronchus Cancer, Under 65 Years of Age, by Race and Sex

Figure XV-2

White Male

Rate per 100,000

APC = -2.9*
APC = -3.4*
APC = -2.7*

Black Male

Rate per 100,000

APC = -3.3*
APC = -3.3*
APC = -4.1*

White Female

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = -1.4*
APC = -1.6*
APC = -1.6*

Black Female

Rate per 100,000

APC = -1.2*
APC = -1.3*
APC = -1.7*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
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 XVI-1
MELANOMA OF THE SKIN (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1981	5.8*	1981-2001	2.9*	2001-2003	-1.9		
All Races	Male	1975-1985	5.5*	1985-2001	3.3*	2001-2003	-3.3		
All Races	Female	1975-1981	5.2*	1981-2003	2.2*				
White	Male and Female	1975-1980	6.8*	1980-2001	3.3*	2001-2003	-2.3		
White	Male	1975-1985	5.7*	1985-2001	3.5*	2001-2003	-3.7		
White	Female	1975-1981	6.2*	1981-1993	2.0*	1993-2001	3.7*	2001-2003	-1.9
Black	Male and Female	1975-2003	-0.3						
Black	Male	1975-2003	1.2						
Black	Female	1975-2003	-1.6*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1981	5.9*	1981-2003	2.9*				
All Races	Male	1975-1985	5.5*	1985-2001	3.4*	2001-2003	-0.9		
All Races	Female	1975-1981	4.9*	1981-2003	2.4*				
White	Male and Female	1975-1981	6.3*	1981-2003	3.3*				
White	Male	1975-1985	5.8*	1985-2001	3.7*	2001-2003	-1.7		
White	Female	1975-1981	6.2*	1981-1994	2.1*	1994-1997	5.8	1997-2003	2.4*
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1990	1.5*	1990-2003	-0.3*				
All Races	Male	1975-1991	2.1*	1991-2003	-0.1				
All Races	Female	1975-1989	0.8*	1989-2003	-0.7*				
White	Male and Female	1975-1989	1.7*	1989-2003	-0.1				
White	Male	1975-1990	2.4*	1990-2003	0.1				
White	Female	1975-1988	1.0*	1988-2003	-0.5*				
Black	Male and Female	1975-2003	-0.7*						
Black	Male	1975-2003	-1.2*						
Black	Female	1975-2003	-0.3						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.

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

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
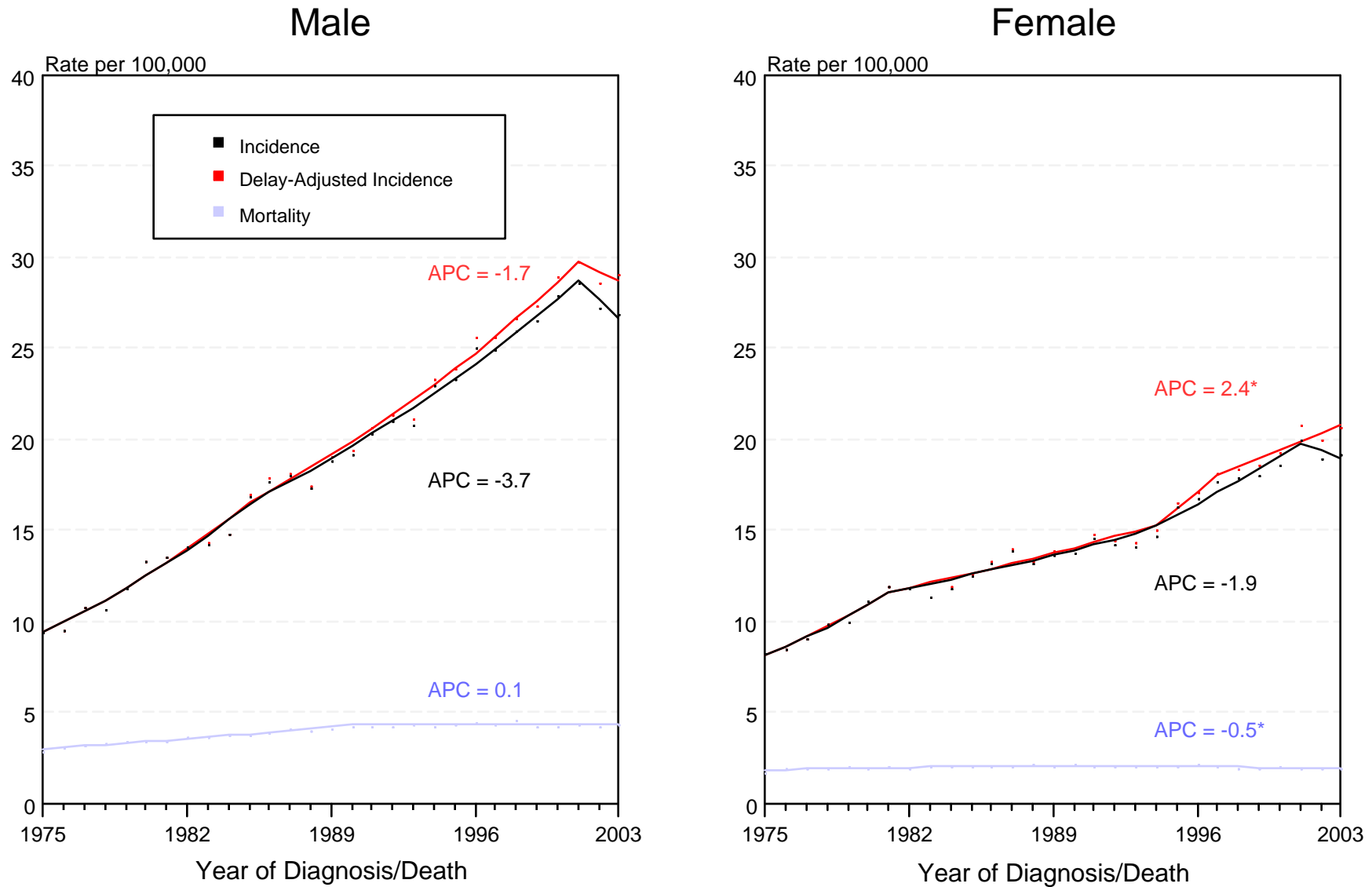## Melanoma of the Skin, White, by Sex

Figure XVI-1

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 XVIII-1
MYELOMA (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1997	0.9*	1997-2003	-1.4				
All Races	Male	1975-2003	0.7*						
All Races	Female	1975-1997	0.9*	1997-2003	-2.3*				
White	Male and Female	1975-2003	0.6*						
White	Male	1975-2003	0.8*						
White	Female	1975-1997	0.7*	1997-2003	-1.9				
Black	Male and Female	1975-1996	1.2*	1996-2003	-3.1*				
Black	Male	1975-2003	0.3						
Black	Female	1975-1997	1.6*	1997-2003	-5.3*				
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	0.8*						
All Races	Male	1975-2003	0.9*						
All Races	Female	1975-2003	0.7*						
White	Male and Female	1975-2003	0.9*						
White	Male	1975-2003	1.0*						
White	Female	1975-2003	0.6*						
Black	Male and Female	1975-1994	1.4*	1994-2003	-1.1				
Black	Male	1975-2003	0.6*						
Black	Female	1975-1997	1.7*	1997-2003	-3.7				
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1994	1.4*	1994-2003	-0.8*				
All Races	Male	1975-1994	1.5*	1994-2003	-0.9*				
All Races	Female	1975-1993	1.5*	1993-2003	-0.6*				
White	Male and Female	1975-1994	1.4*	1994-2003	-0.6*				
White	Male	1975-1994	1.4*	1994-2003	-0.7*				
White	Female	1975-1993	1.4*	1993-2003	-0.6*				
Black	Male and Female	1975-1982	3.4*	1982-1995	1.3*	1995-2003	-1.4*		
Black	Male	1975-1983	3.5*	1983-1996	0.9*	1996-2003	-2.2*		
Black	Female	1975-1995	2.0*	1995-2003	-1.2*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.

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

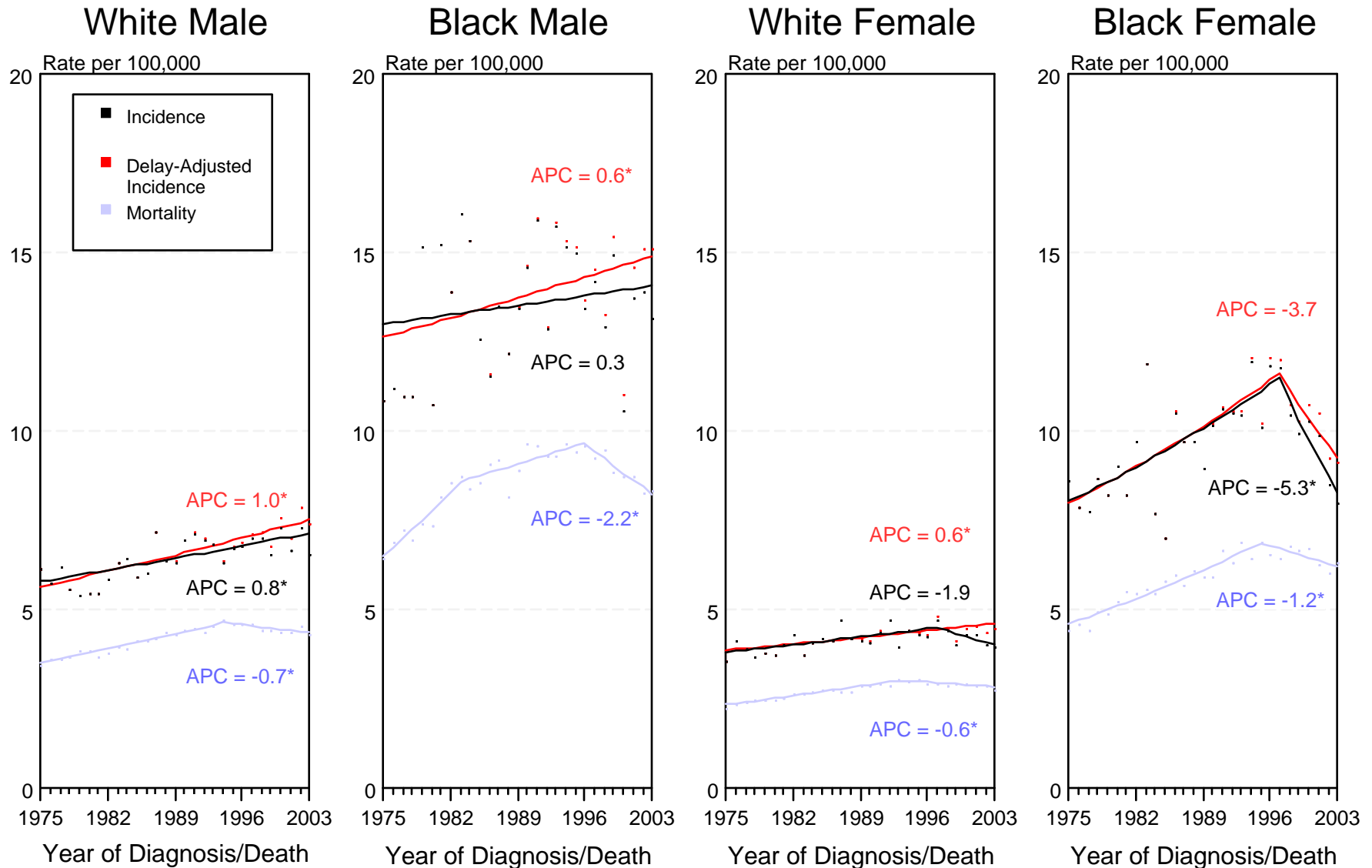# SEER Incidence, Delay Adjusted Incidence and US Death Rates+ Myeloma, by Race and Sex

Figure XVIII-1

White Male

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = 1.0*

APC = 0.8*

APC = -0.7*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = 0.6*

APC = 0.3

APC = -2.2*

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 0.6*

APC = -1.9

APC = -0.6*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = -3.7

APC = -5.3*

APC = -1.2*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
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 XIX-1
NON-HODGKIN LYMPHOMA (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975–1991	3.6*	1991–2003	0.4*				
All Races	Male	1975–1991	4.3*	1991–2003	0.0				
All Races	Female	1975–1990	2.9*	1990–2003	1.0*				
White	Male and Female	1975–1991	3.7*	1991–2003	0.4*				
White	Male	1975–1991	4.3*	1991–2003	0.0				
White	Female	1975–1990	2.9*	1990–2003	1.0*				
Black	Male and Female	1975–1995	4.4*	1995–2003	-1.1				
Black	Male	1975–1995	5.4*	1995–2003	-3.1*				
Black	Female	1975–2003	2.7*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975–1991	3.6*	1991–2003	0.6*				
All Races	Male	1975–1991	4.3*	1991–2003	0.2				
All Races	Female	1975–1990	2.8*	1990–2003	1.3*				
White	Male and Female	1975–1990	3.8*	1990–2003	0.9*				
White	Male	1975–1990	4.5*	1990–2003	0.5*				
White	Female	1975–1988	3.1*	1988–2003	1.5*				
Black	Male and Female	1975–1995	4.4*	1995–2003	-0.6				
Black	Male	1975–1995	5.5*	1995–2003	-2.6				
Black	Female	1975–2003	2.9*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975–1991	2.5*	1991–1997	1.6*	1997–2003	-3.2*		
All Races	Male	1975–1981	1.8*	1981–1990	3.0*	1990–1997	1.6*	1997–2003	-2.8*
All Races	Female	1975–1995	2.2*	1995–1998	-0.3	1998–2003	-3.7*		
White	Male and Female	1975–1991	2.5*	1991–1997	1.6*	1997–2003	-3.1*		
White	Male	1975–1996	2.5*	1996–2003	-2.4*				
White	Female	1975–1997	2.1*	1997–2003	-3.8*				
Black	Male and Female	1975–1997	2.6*	1997–2003	-3.7*				
Black	Male	1975–1997	2.7*	1997–2003	-4.7*				
Black	Female	1975–1996	2.7*	1996–2003	-1.8*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

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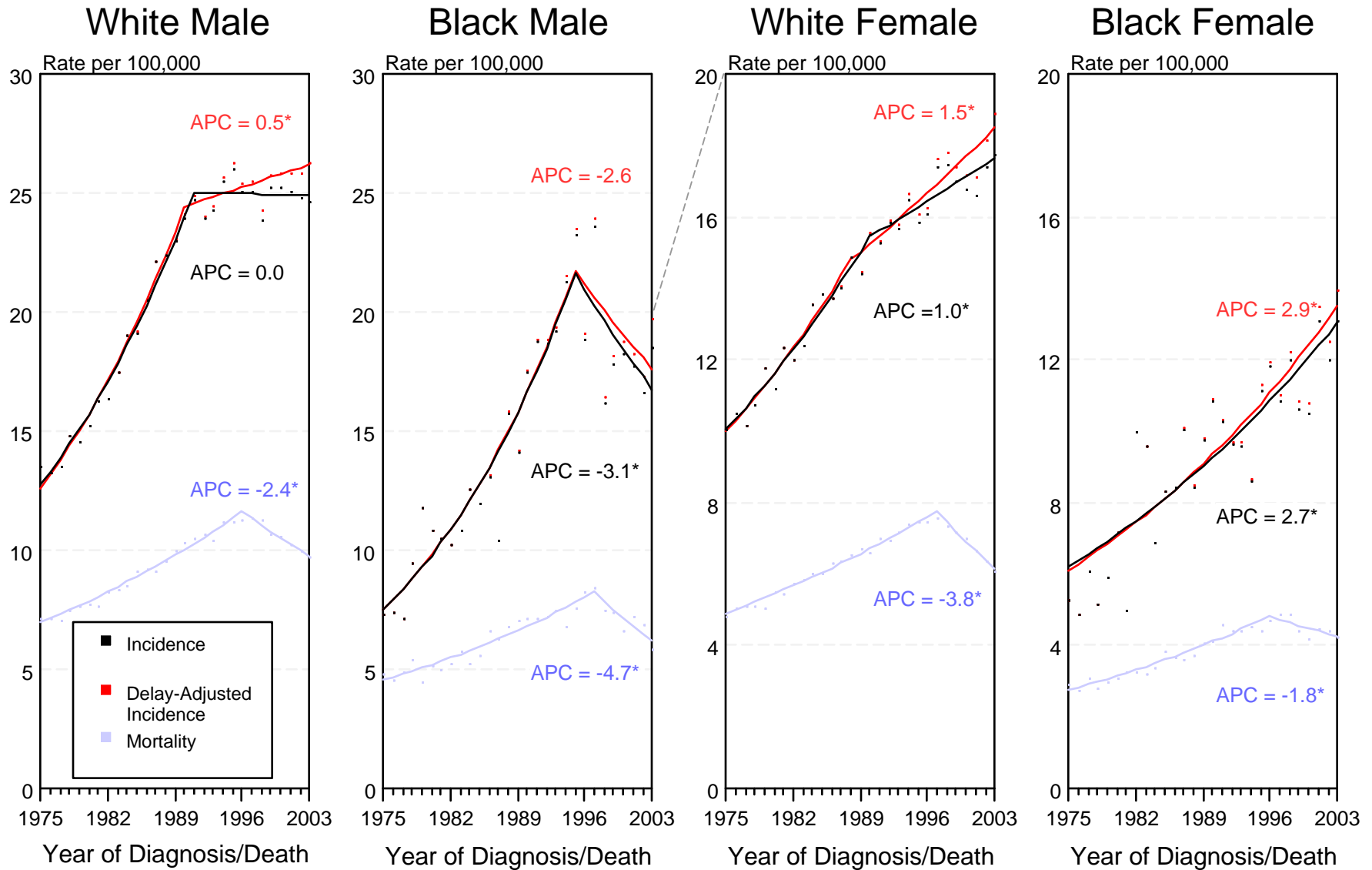## Non-Hodgkin Lymphoma, by Race and Sex

White Male

Rate per 100,000

APC = 0.5*

APC = 0.0

APC = -2.4*

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -2.6

APC = -3.1*

APC = -4.7*

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 1.5*

APC =1.0*

APC = -3.8*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 2.9*

APC = 2.7*

APC = -1.8*

Year of Diagnosis/Death

SEER Cancer Statistics Review 1975-2003

National Cancer Institute

Figure XIX-1

Table XX-1
ORAL CAVITY AND PHARYNX CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975–1981	0.8	1981–2003	-1.2*				
All Races	Male	1975–1983	-0.1	1983–2003	-1.5*				
All Races	Female	1975–1980	2.7	1980–2003	-1.0*				
White	Male and Female	1975–1983	0.0	1983–2003	-1.2*				
White	Male	1975–2003	-1.2*						
White	Female	1975–1981	2.1	1981–2003	-1.0*				
Black	Male and Female	1975–1984	2.3*	1984–2003	-2.5*				
Black	Male	1975–1987	1.9*	1987–2003	-3.2*				
Black	Female	1975–2003	-1.3*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975–1981	0.7	1981–2003	-1.1*				
All Races	Male	1975–2003	-1.2*						
All Races	Female	1975–1980	2.5	1980–2003	-0.9*				
White	Male and Female	1975–2003	-0.8*						
White	Male	1975–2003	-1.1*						
White	Female	1975–1981	2.0	1981–2003	-0.9*				
Black	Male and Female	1975–1984	2.3*	1984–2003	-2.3*				
Black	Male	1975–1987	1.8*	1987–2003	-3.1*				
Black	Female	1975–2003	-1.2*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975–1991	-1.5*	1991–2003	-2.4*				
All Races	Male	1975–1980	-0.8	1980–2003	-2.3*				
All Races	Female	1975–1991	-1.0*	1991–2003	-2.5*				
White	Male and Female	1975–2003	-1.9*						
White	Male	1975–2003	-2.2*						
White	Female	1975–1990	-1.0*	1990–2003	-2.3*				
Black	Male and Female	1975–1980	3.2*	1980–1993	-1.4*	1993–2003	-4.2*		
Black	Male	1975–1980	3.8*	1980–1993	-1.5*	1993–2003	-4.3*		
Black	Female	1975–1994	-0.6*	1994–2003	-4.5*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.

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

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
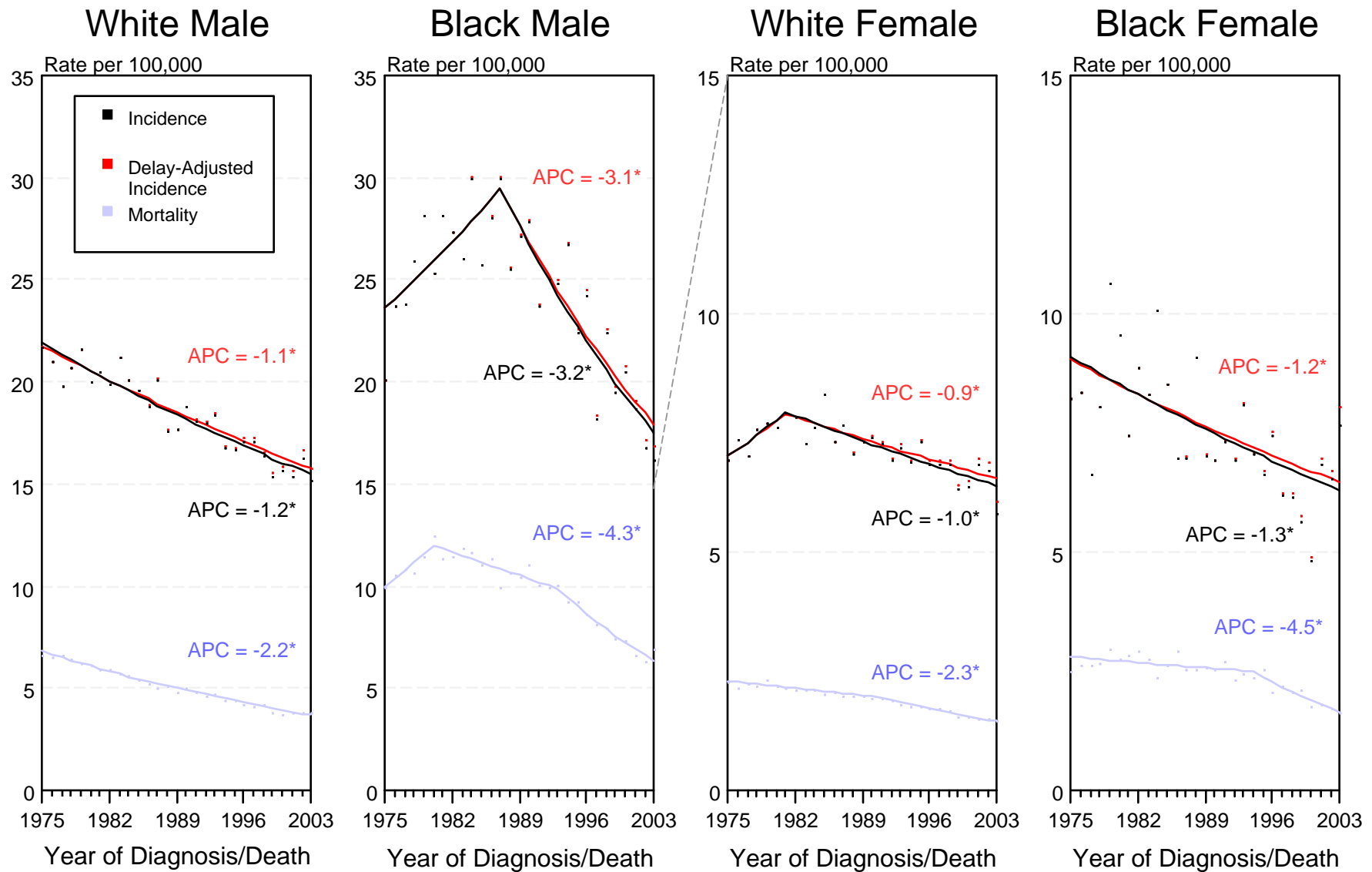## Oral Cavity and Pharynx Cancer, by Race and Sex

White Male

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = -1.1*

APC = -1.2*

APC = -2.2*

Year of Diagnosis/Death

Black Male

Rate per 100,000

APC = -3.1*

APC = -3.2*

APC = -4.3*

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = -0.9*

APC = -1.0*

APC = -2.3*

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = -1.2*

APC = -1.3*

APC = -4.5*

Year of Diagnosis/Death

Figure XX-1

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
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 XXI-1
OVARY CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1987	0.1	1987-2003	-0.9*				
All Races	Under 65	1975-2003	-1.1*						
All Races	65 and Over	1975-1989	1.5*	1989-2003	-0.9*				
White	All Ages	1975-1985	0.3	1985-2001	-0.7*	2001-2003	-4.9		
White	Under 65	1975-2003	-1.1*						
White	65 and Over	1975-1990	1.5*	1990-2003	-0.9*				
Black	All Ages	1975-2003	-0.5*						
Black	Under 65	1975-2003	-1.4*						
Black	65 and Over	1975-2003	0.5						
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1985	0.2	1985-2003	-0.7*				
All Races	Under 65	1975-2003	-1.1*						
All Races	65 and Over	1975-1989	1.5*	1989-2003	-0.7*				
White	All Ages	1975-1987	0.2	1987-2003	-0.7*				
White	Under 65	1975-2003	-1.0*						
White	65 and Over	1975-1989	1.6*	1989-2003	-0.6*				
Black	All Ages	1975-2003	-0.3						
Black	Under 65	1975-2003	-1.3*						
Black	65 and Over	1975-2003	0.6						
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1982	-1.2*	1982-1992	0.3	1992-1998	-1.1*	1998-2003	0.4
All Races	Under 65	1975-1982	-2.9*	1982-1994	-1.3*	1994-1997	-3.1	1997-2003	0.0
All Races	65 and Over	1975-1984	0.6*	1984-1991	1.7*	1991-2003	-0.1		
White	All Ages	1975-1981	-1.5*	1981-1992	0.3	1992-1998	-1.0*	1998-2003	0.5
White	Under 65	1975-1980	-3.5*	1980-1994	-1.3*	1994-1998	-2.4*	1998-2003	0.3
White	65 and Over	1975-1981	0.2	1981-1991	1.4*	1991-2003	0.1		
Black	All Ages	1975-2003	0.0						
Black	Under 65	1975-1996	-1.9*	1996-2003	0.6				
Black	65 and Over	1975-1992	2.2*	1992-2003	-0.9*				

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

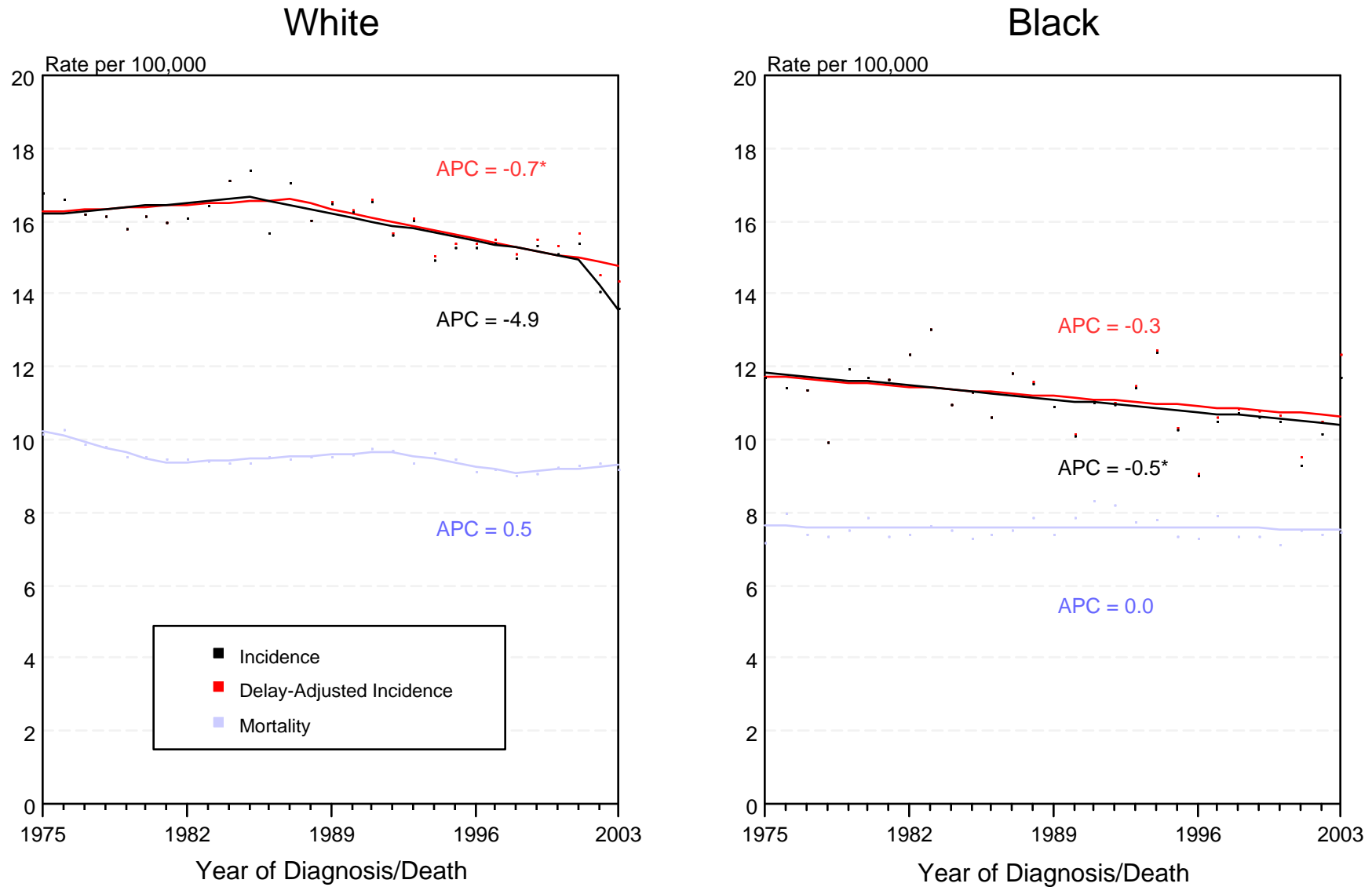# SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Ovary Cancer, by Race

White

Rate per 100,000

APC = -0.7*

APC = -4.9

APC = 0.5

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

1975   1982   1989   1996   2003

Year of Diagnosis/Death

Black

Rate per 100,000

APC = -0.3

APC = -0.5*

APC = 0.0

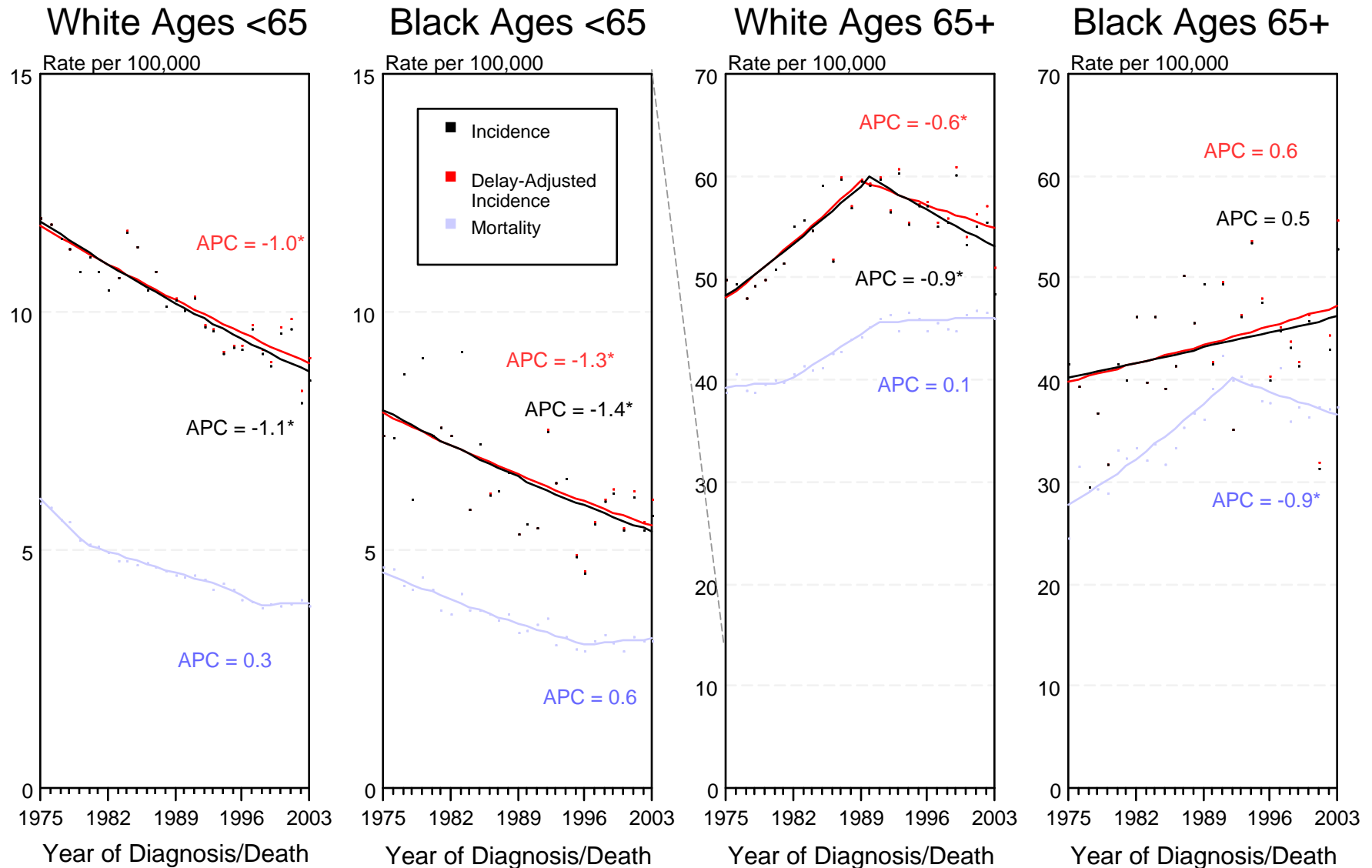1975   1982   1989   1996   2003

Year of Diagnosis/Death

Figure XXI-1

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
     Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
     Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
     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, Delay Adjusted Incidence and US Death Rates+
Ovary Cancer, by Age and Race

White Ages <65

Rate per 100,000

APC = -1.0*

APC = -1.1*

APC = 0.3

Black Ages <65

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = -1.3*

APC = -1.4*

APC = 0.6

White Ages 65+

Rate per 100,000

APC = -0.6*

APC = -0.9*

APC = 0.1

Black Ages 65+

Rate per 100,000

APC = 0.6

APC = 0.5

APC = -0.9*

Year of Diagnosis/Death

Year of Diagnosis/Death

Year of Diagnosis/Death

Year of Diagnosis/Death

Figure XXI-2

Table XXII-1
PANCREAS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1978	-2.2	1978-1984	1.3*	1984-1989	-1.5	1989-2003	0.0
All Races	Male	1975-1981	-1.8*	1981-1985	1.2	1985-1989	-2.5	1989-2003	-0.1
All Races	Female	1975-1983	1.4*	1983-2003	-0.2				
White	Male and Female	1975-1978	-2.7	1978-1984	1.2	1984-1989	-1.7	1989-2003	0.1
White	Male	1975-1993	-1.0*	1993-2003	0.4				
White	Female	1975-1984	1.6*	1984-1987	-2.3	1987-2003	0.0		
Black	Male and Female	1975-2003	-0.3						
Black	Male	1975-2003	-0.8*						
Black	Female	1975-2003	0.0						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1978	-2.0	1978-1984	1.1	1984-1993	-0.9*	1993-2003	0.4*
All Races	Male	1975-1981	-1.8*	1981-1985	1.1	1985-1990	-2.1*	1990-2003	0.1
All Races	Female	1975-1984	1.3*	1984-2000	-0.3*	2000-2003	2.7		
White	Male and Female	1975-1978	-2.5	1978-1984	1.0	1984-1993	-1.0*	1993-2003	0.7*
White	Male	1975-1981	-2.3*	1981-1984	1.7	1984-1993	-1.4*	1993-2003	0.7*
White	Female	1975-1984	1.2*	1984-2001	-0.3	2001-2003	5.0		
Black	Male and Female	1975-2003	-0.3						
Black	Male	1975-2003	-0.7*						
Black	Female	1975-2003	0.1						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-2003	-0.1*						
All Races	Male	1975-1986	-0.8*	1986-2003	-0.3*				
All Races	Female	1975-1984	0.8*	1984-2003	0.1				
White	Male and Female	1975-1988	-0.2*	1988-2003	0.0				
White	Male	1975-1986	-1.0*	1986-2003	-0.2*				
White	Female	1975-1984	0.6*	1984-2003	0.1				
Black	Male and Female	1975-1990	1.1*	1990-2003	-0.8*				
Black	Male	1975-1992	0.5*	1992-2003	-1.4*				
Black	Female	1975-1986	2.4*	1986-2003	-0.3				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
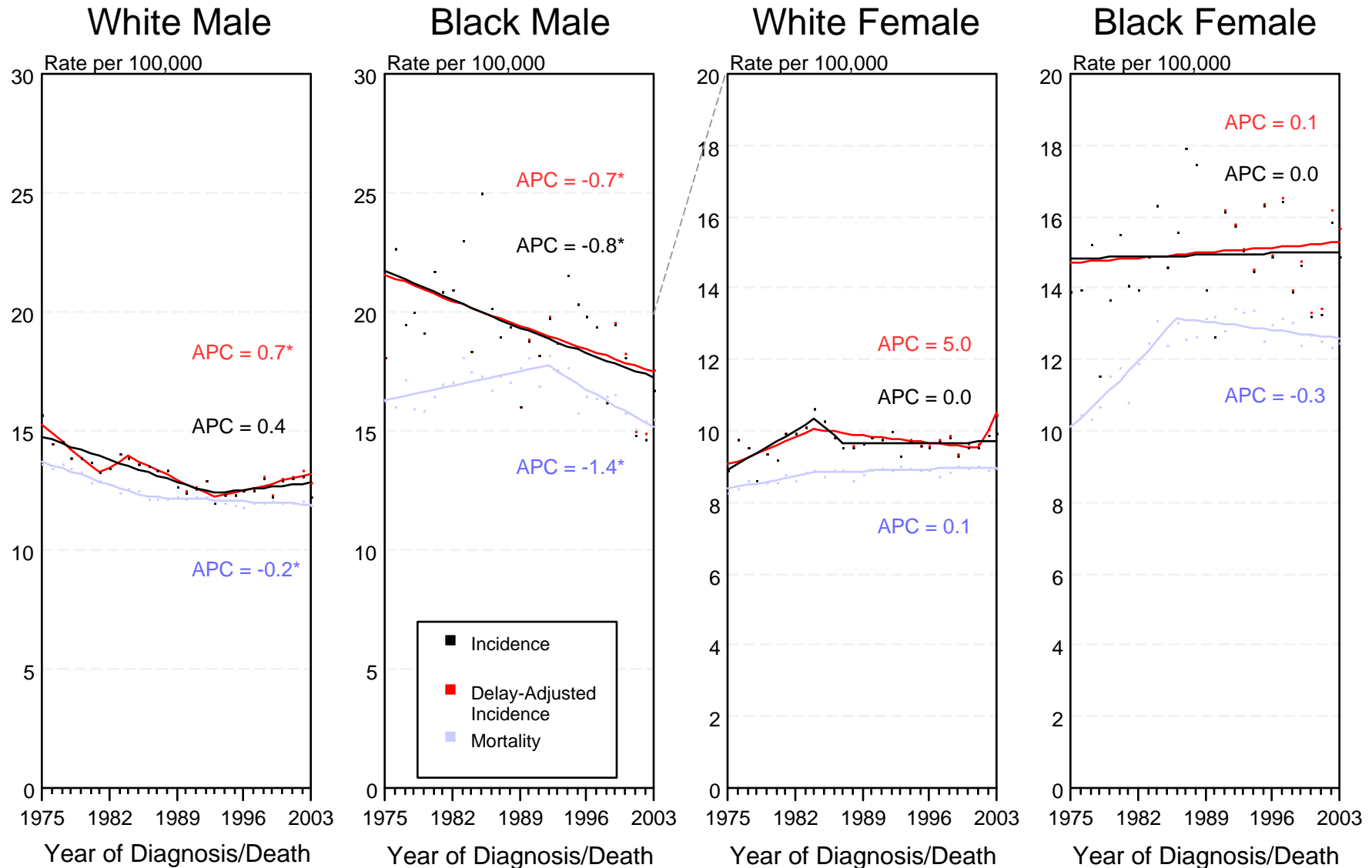## Pancreas Cancer, by Race and Sex

Figure XXII-1

White Male
Rate per 100,000

APC = 0.7*
APC = 0.4
APC = -0.2*

Black Male
Rate per 100,000

APC = -0.7*
APC = -0.8*
APC = -1.4*

Incidence
Delay-Adjusted Incidence
Mortality

White Female
Rate per 100,000

APC = 5.0
APC = 0.0
APC = 0.1

Black Female
Rate per 100,000

APC = 0.1
APC = 0.0
APC = -0.3

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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 XXIII-1
PROSTATE CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1988	2.6*	1988-1992	16.3*	1992-1995	-10.7*	1995-2003	0.7
All Races	Under 65	1975-1985	2.4*	1985-1989	7.5	1989-1992	26.4*	1992-2003	2.7*
All Races	65 and Over	1975-1988	2.5*	1988-1992	14.9*	1992-1995	-14.0*	1995-2003	-0.3
White	All Ages	1975-1988	2.8*	1988-1992	16.1*	1992-1995	-11.6*	1995-2003	0.9
White	Under 65	1975-1988	3.5*	1988-1992	23.6*	1992-2003	2.6*		
White	65 and Over	1975-1988	2.7*	1988-1992	14.7*	1992-1995	-14.9*	1995-2003	0.0
Black	All Ages	1975-1989	2.0*	1989-1992	21.8*	1992-1995	-5.5	1995-2003	-1.1*
Black	Under 65	1975-1989	2.0*	1989-1993	26.1*	1993-2003	2.2*		
Black	65 and Over	1975-1989	2.0*	1989-1992	20.0*	1992-1995	-9.2	1995-2003	-2.7*
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1988	2.6*	1988-1992	16.4*	1992-1995	-10.8*	1995-2003	1.1*
All Races	Under 65	1975-1985	2.4*	1985-1989	7.6	1989-1992	26.2*	1992-2003	3.0*
All Races	65 and Over	1975-1988	2.5*	1988-1992	15.0*	1992-1995	-14.1*	1995-2003	0.1
White	All Ages	1975-1988	2.8*	1988-1992	16.2*	1992-1995	-11.7*	1995-2003	1.5*
White	Under 65	1975-1985	2.6*	1985-1989	8.8*	1989-1992	24.9*	1992-2003	3.0*
White	65 and Over	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.0*	1995-2003	0.7
Black	All Ages	1975-1989	2.0*	1989-1992	22.1*	1992-1995	-5.5	1995-2003	-0.3
Black	Under 65	1975-1989	2.0*	1989-1993	26.0*	1993-2003	2.9*		
Black	65 and Over	1975-1989	2.0*	1989-1992	20.3*	1992-1995	-9.3	1995-2003	-1.9*
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1987	0.9*	1987-1991	3.1*	1991-1994	-0.6	1994-2003	-4.0*
All Races	Under 65	1975-1987	0.5*	1987-1990	3.5	1990-2003	-3.8*		
All Races	65 and Over	1975-1987	0.9*	1987-1991	3.1*	1991-1994	-0.4	1994-2003	-4.0*
White	All Ages	1975-1987	0.8*	1987-1991	3.1*	1991-1994	-0.9	1994-2003	-4.1*
White	Under 65	1975-1991	1.0*	1991-2003	-4.3*				
White	65 and Over	1975-1987	0.8*	1987-1991	3.2*	1991-1994	-0.7	1994-2003	-4.1*
Black	All Ages	1975-1988	1.9*	1988-1993	3.3*	1993-2001	-2.6*	2001-2003	-6.7*
Black	Under 65	1975-1992	0.5*	1992-2003	-2.9*				
Black	65 and Over	1975-1988	2.1*	1988-1993	3.5*	1993-2001	-2.5*	2001-2003	-7.3*

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Prostate Cancer, by Race

White

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = 1.5*

APC = 0.9

APC = -4.1*

Year of Diagnosis/Death

Black

Rate per 100,000

APC = -0.3

APC = -1.1*
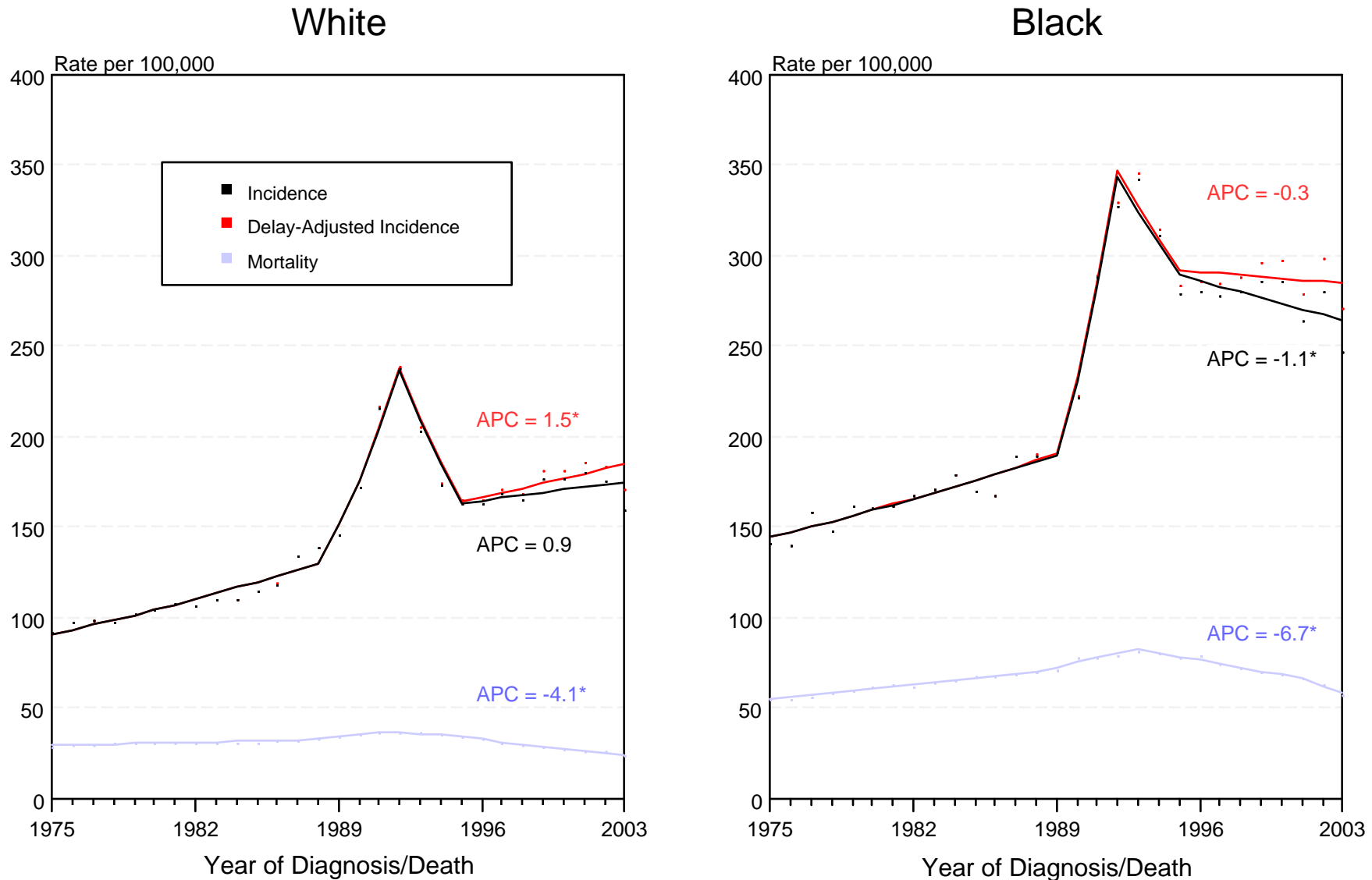
APC = -6.7*

Year of Diagnosis/Death

Figure XXIII-1

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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, Delay Adjusted Incidence and US Death Rates+
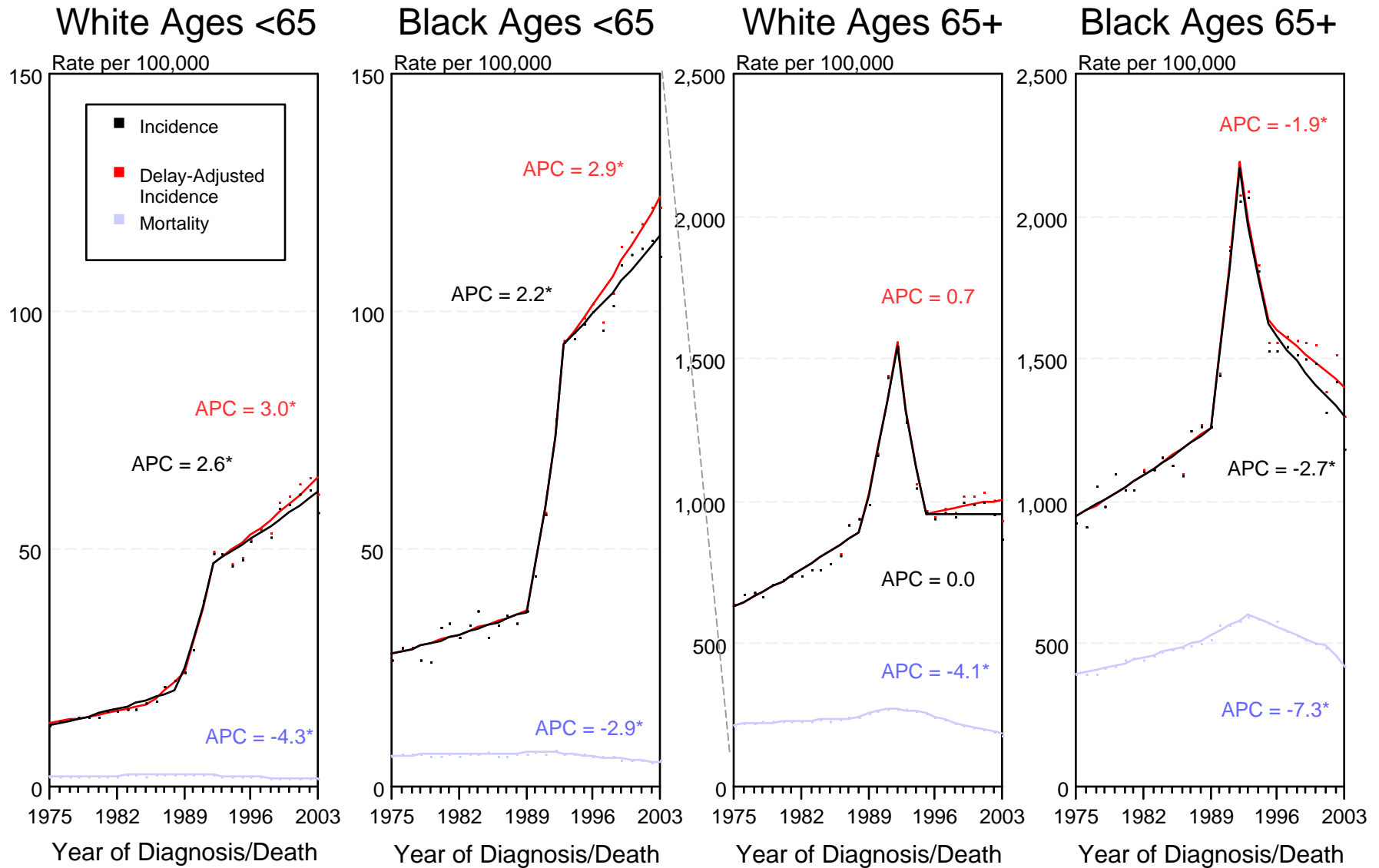## Prostate Cancer, by Age and Race

White Ages <65

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = 3.0*

APC = 2.6*

APC = -4.3*

Year of Diagnosis/Death

Black Ages <65

Rate per 100,000

APC = 2.9*

APC = 2.2*

APC = -2.9*

Year of Diagnosis/Death

White Ages 65+

Rate per 100,000

APC = 0.7

APC = 0.0

APC = -4.1*

Year of Diagnosis/Death

Black Ages 65+

Rate per 100,000

APC = -1.9*

APC = -2.7*

APC = -7.3*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 XXIV-1
STOMACH CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-2003	-1.6*						
All Races	Male	1975-1988	-1.2*	1988-2003	-2.1*				
All Races	Female	1975-2003	-1.7*						
White	Male and Female	1975-2003	-1.9*						
White	Male	1975-2003	-1.9*						
White	Female	1975-2003	-2.1*						
Black	Male and Female	1975-2003	-1.2*						
Black	Male	1975-1982	2.3	1982-2003	-2.1*				
Black	Female	1975-2003	-0.7*						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-2003	-1.6*						
All Races	Male	1975-1988	-1.2*	1988-2003	-2.1*				
All Races	Female	1975-2003	-1.6*						
White	Male and Female	1975-2003	-1.9*						
White	Male	1975-2003	-1.9*						
White	Female	1975-2003	-2.1*						
Black	Male and Female	1975-2003	-1.2*						
Black	Male	1975-1982	2.3	1982-2003	-2.1*				
Black	Female	1975-2003	-0.6*						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1987	-2.5*	1987-1990	-0.3	1990-2003	-3.0*		
All Races	Male	1975-1987	-2.3*	1987-1991	-0.9	1991-2003	-3.5*		
All Races	Female	1975-1987	-2.8*	1987-1990	-0.5	1990-2003	-2.6*		
White	Male and Female	1975-1987	-2.8*	1987-1990	-0.8	1990-2003	-3.2*		
White	Male	1975-1994	-2.4*	1994-2003	-3.9*				
White	Female	1975-1987	-3.1*	1987-1990	-1.0	1990-2003	-2.9*		
Black	Male and Female	1975-1987	-1.6*	1987-1991	0.4	1991-2003	-2.9*		
Black	Male	1975-1993	-1.1*	1993-2003	-3.3*				
Black	Female	1975-1995	-1.0*	1995-2003	-2.6*				

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
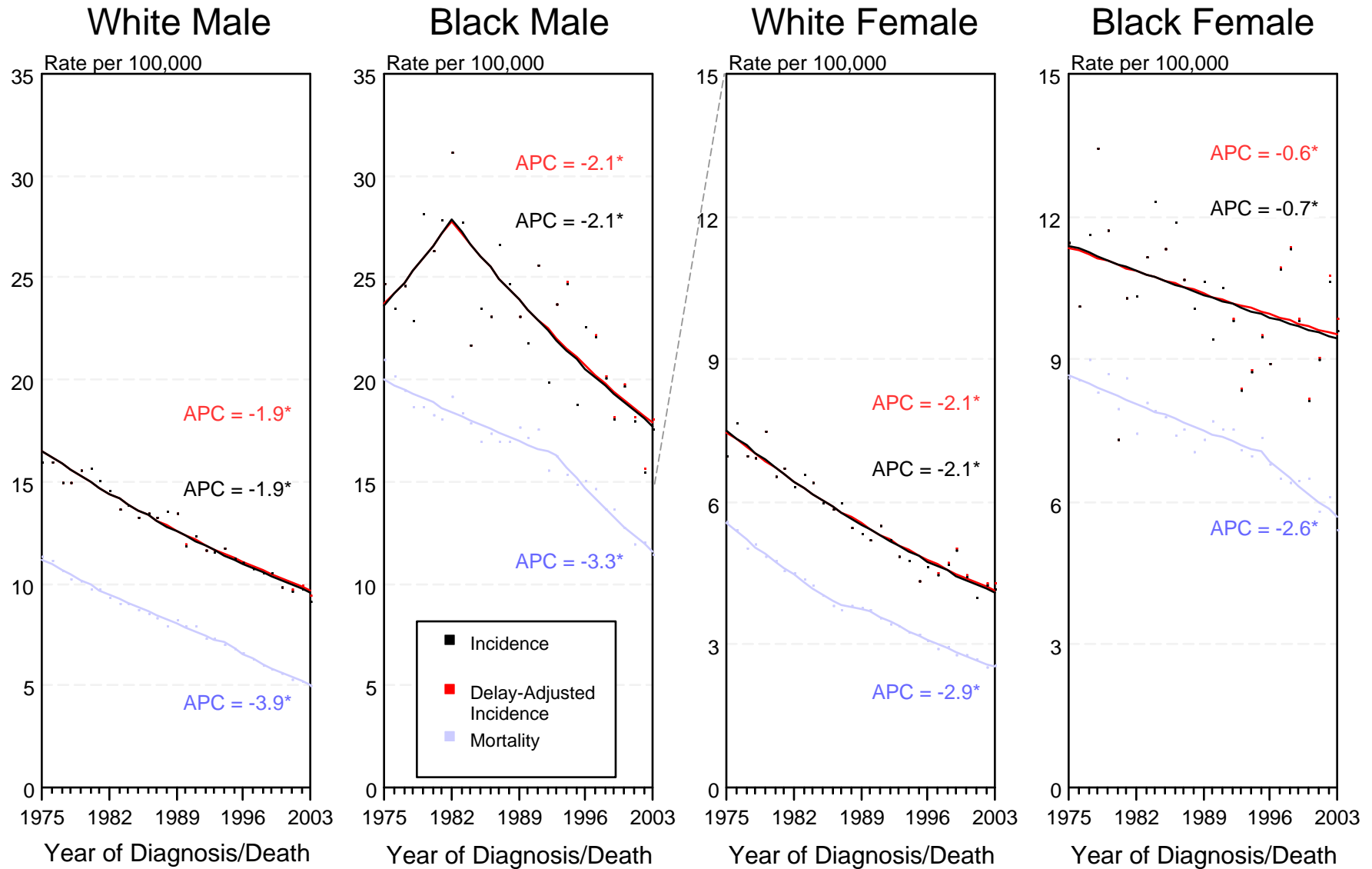## Stomach Cancer, by Race and Sex

Figure XXIV-1

White Male
Rate per 100,000

APC = -1.9*
APC = -1.9*
APC = -3.9*

Black Male
Rate per 100,000

APC = -2.1*
APC = -2.1*
APC = -3.3*

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

White Female
Rate per 100,000

APC = -2.1*
APC = -2.1*
APC = -2.9*

Black Female
Rate per 100,000

APC = -0.6*
APC = -0.7*
APC = -2.6*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
  Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
  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 XXV-1
TESTIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
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 Cancer Incidence[a]									
All Races	All Ages	1975-1989	2.4*	1989-2003	0.6				
All Races	Under 50	1975-1989	2.8*	1989-2003	0.7				
All Races	50 and Over	1975-2003	-0.3						
White	All Ages	1975-1989	2.6*	1989-2003	0.8*				
White	Under 50	1975-1987	3.4*	1987-2003	1.1*				
White	50 and Over	1975-2003	-0.2						
Black	All Ages	1975-2003	2.5*						
Black	Under 50	1975-2003	2.4*						
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-2003	1.4*						
All Races	Under 50	1975-1989	2.7*	1989-2003	0.8*				
All Races	50 and Over	1975-2003	-0.2						
White	All Ages	1975-2003	1.7*						
White	Under 50	1975-1987	3.4*	1987-2003	1.2*				
White	50 and Over	1975-2003	-0.1						
Black	All Ages	1975-2003	2.6*						
Black	Under 50	1975-2003	2.5*						
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1981	-10.5*	1981-1995	-3.1*	1995-2003	0.2		
All Races	Under 50	1975-1982	-10.7*	1982-2003	-1.9*				
All Races	50 and Over	1975-1994	-5.2*	1994-2003	2.0				
White	All Ages	1975-1981	-10.8*	1981-1995	-2.9*	1995-2003	0.1		
White	Under 50	1975-1982	-10.9*	1982-2003	-1.8*				
White	50 and Over	1975-1990	-5.9*	1990-2003	-0.1				
Black	All Ages	1975-2003	-2.1*						
Black	Under 50	1975-2003	-1.5*						
Black	50 and Over	1975-2003	-2.6*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
* The APC is significantly different from zero (p<.05).

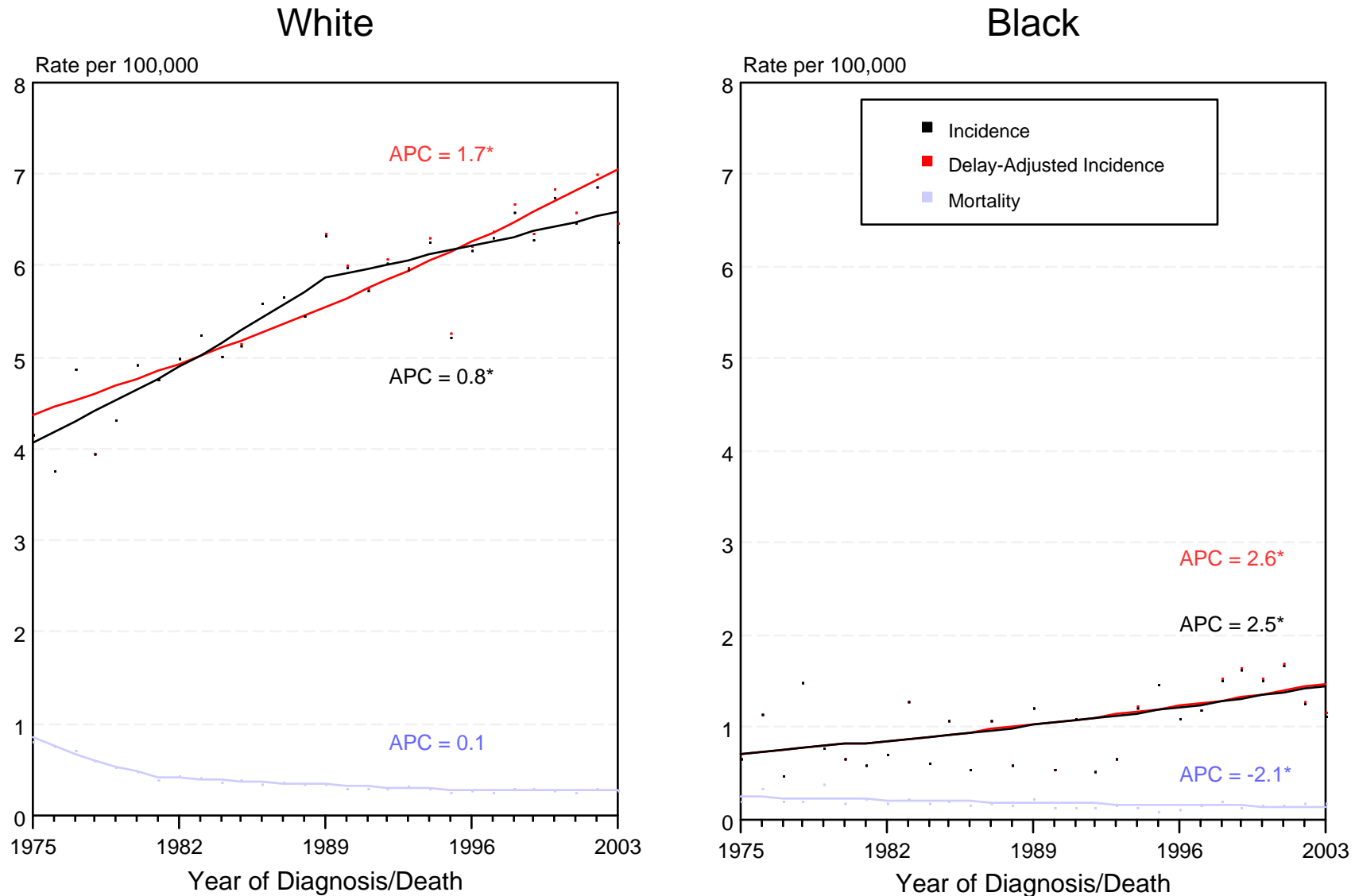# SEER Incidence, Delay Adjusted Incidence and US Death Rates+
Testis Cancer, by Race

White

Rate per 100,000

APC = 1.7*

APC = 0.8*

APC = 0.1

1975   1982   1989   1996   2003

Year of Diagnosis/Death

Black

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- ■ Mortality

APC = 2.6*

APC = 2.5*

APC = -2.1*

1975   1982   1989   1996   2003

Year of Diagnosis/Death

Figure XXV-1

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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, Delay Adjusted Incidence and US Death Rates+
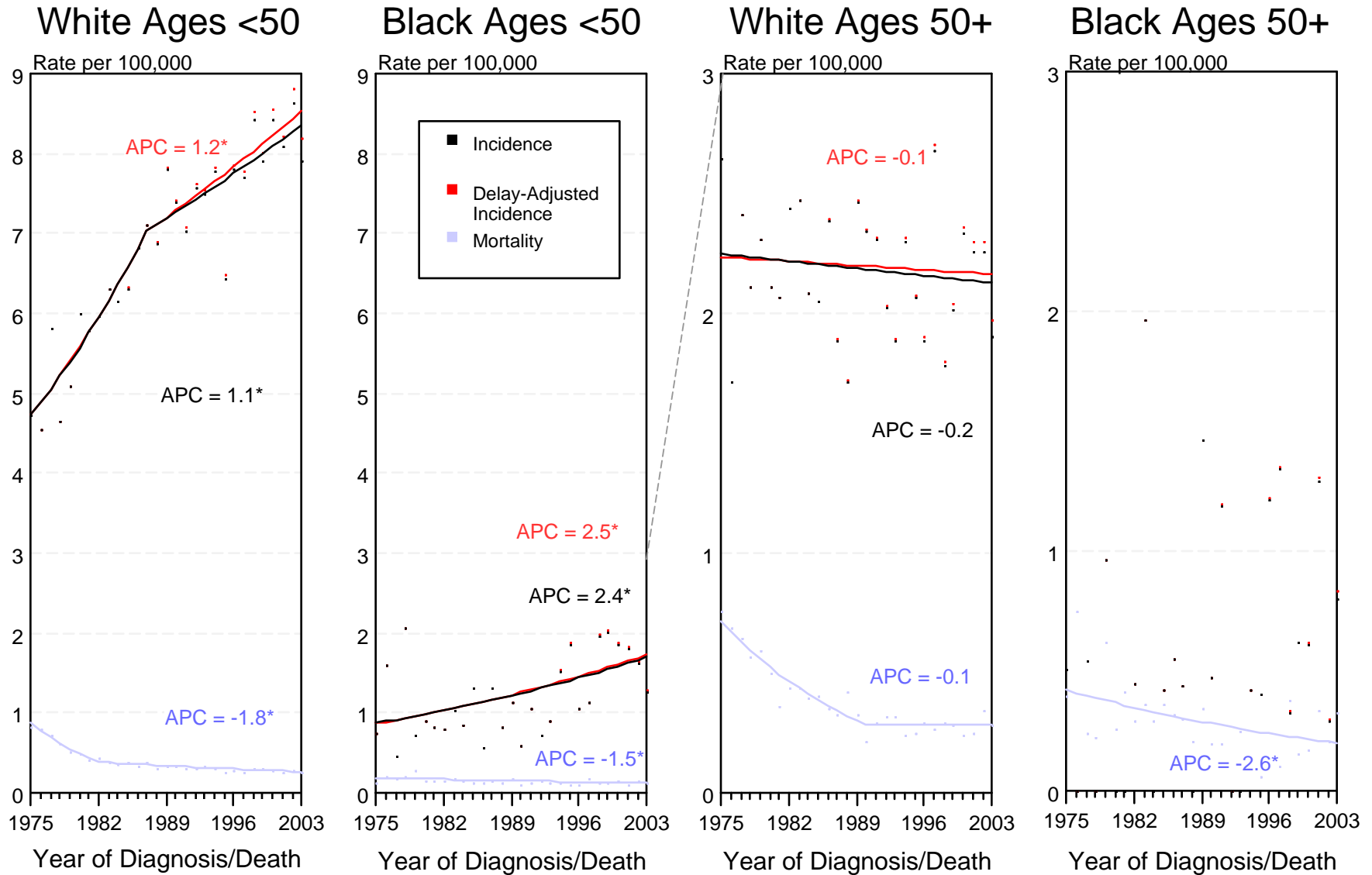Testis Cancer, by Age and Race

White Ages <50

Rate per 100,000

APC = 1.2*

APC = 1.1*

APC = -1.8*

Black Ages <50

Rate per 100,000

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

APC = 2.5*

APC = 2.4*

APC = -1.5*

White Ages 50+

Rate per 100,000

APC = -0.1

APC = -0.2

APC = -0.1

Black Ages 50+

Rate per 100,000

APC = -2.6*

Year of Diagnosis/Death

+   Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
    Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
    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 XXVI-1
THYROID CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1977	6.2	1977-1980	-6.6	1980-1997	2.4*	1997-2003	6.3*
All Races	Male	1975-1980	-4.8*	1980-1998	1.9*	1998-2003	5.6*		
All Races	Female	1975-1977	6.6	1977-1980	-5.3	1980-1995	2.3*	1995-2003	5.9*
White	Male and Female	1975-1977	7.4	1977-1980	-6.9	1980-1998	2.8*	1998-2003	7.6*
White	Male	1975-1977	9.6	1977-1980	-9.1	1980-1998	2.6*	1998-2003	5.6*
White	Female	1975-1981	-1.1	1981-1993	2.3*	1993-2000	4.9*	2000-2003	9.2*
Black	Male and Female	1975-1988	-0.8	1988-2003	4.0*				
Black	Male	1975-2003	2.0*						
Black	Female	1975-1988	-1.1	1988-2003	4.3*				
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1977	6.3	1977-1980	-6.9	1980-1998	2.5*	1998-2003	7.5*
All Races	Male	1975-1980	-4.8*	1980-1998	1.9*	1998-2003	6.1*		
All Races	Female	1975-1981	-1.3	1981-1993	2.2*	1993-2000	4.6*	2000-2003	9.1*
White	Male and Female	1975-1977	7.4	1977-1980	-7.0	1980-1998	2.9*	1998-2003	8.2*
White	Male	1975-1977	9.6	1977-1980	-9.2	1980-1998	2.7*	1998-2003	6.2*
White	Female	1975-1981	-1.1	1981-1993	2.4*	1993-2000	5.1*	2000-2003	10.0*
Black	Male and Female	1975-1988	-0.8	1988-2003	4.2*				
Black	Male	1975-2003	2.2*						
Black	Female	1975-1988	-1.1	1988-2003	4.6*				
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1985	-2.6*	1985-2003	0.3				
All Races	Male	1975-1983	-2.8*	1983-2003	1.0*				
All Races	Female	1975-1988	-2.5*	1988-2003	0.1				
White	Male and Female	1975-1987	-2.4*	1987-2003	0.5*				
White	Male	1975-1983	-2.8*	1983-2003	1.0*				
White	Female	1975-1988	-2.7*	1988-2003	0.2				
Black	Male and Female	1975-2003	-0.5						
Black	Male	1975-2003	-0.2						
Black	Female	1975-2003	-0.7*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
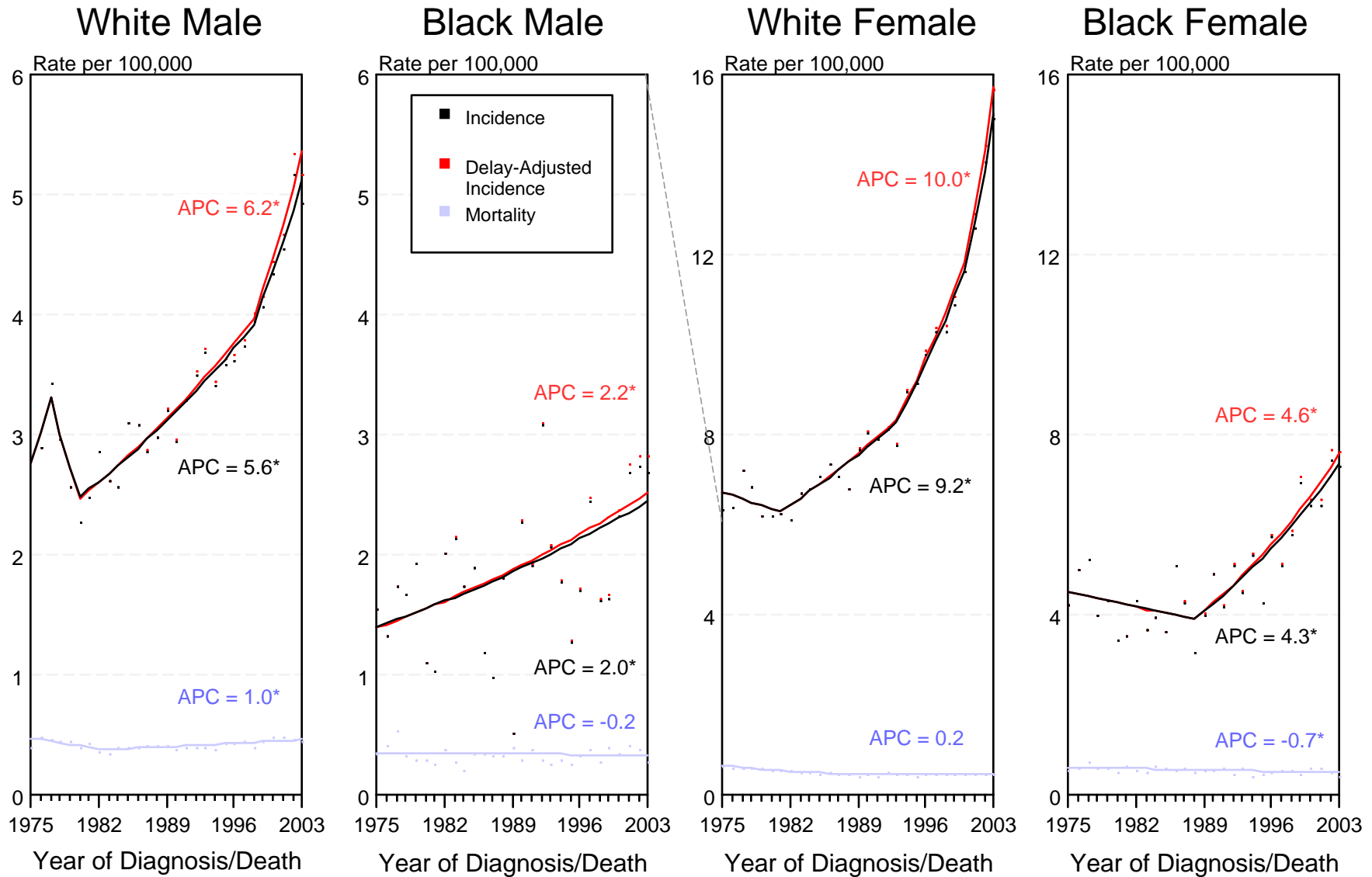## Thyroid Cancer, by Race and Sex

White Male

Rate per 100,000

APC = 6.2*

APC = 5.6*

APC = 1.0*

Year of Diagnosis/Death

Black Male

Rate per 100,000

■ Incidence

■ Delay-Adjusted Incidence

■ Mortality

APC = 2.2*

APC = 2.0*

APC = -0.2

Year of Diagnosis/Death

White Female

Rate per 100,000

APC = 10.0*

APC = 9.2*

APC = 0.2

Year of Diagnosis/Death

Black Female

Rate per 100,000

APC = 4.6*

APC = 4.3*

APC = -0.7*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
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 XXVII-1
URINARY BLADDER CANCER (Invasive and *In Situ*)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2003
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	Male and Female	1975-1987	0.8*	1987-1996	-0.2	1996-2000	1.2	2000-2003	-1.7
All Races	Male	1975-1987	1.0*	1987-1996	-0.5	1996-2000	1.5	2000-2003	-2.3*
All Races	Female	1975-2003	0.2*						
White	Male and Female	1975-1987	1.0*	1987-1996	-0.1	1996-2000	1.4	2000-2003	-1.6
White	Male	1975-1987	1.2*	1987-1995	-0.6	1995-2000	1.2	2000-2003	-2.1
White	Female	1975-2003	0.4*						
Black	Male and Female	1975-2003	0.2						
Black	Male	1975-2003	0.1						
Black	Female	1975-2003	0.4						
SEER Delay-Adjusted Incidence[a]									
All Races	Male and Female	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.8	1999-2003	-0.7
All Races	Male	1975-1987	1.0*	1987-1995	-0.6	1995-2000	1.2	2000-2003	-1.5
All Races	Female	1975-2003	0.2*						
White	Male and Female	1975-1987	1.0*	1987-1996	0.0	1996-2000	1.6	2000-2003	-0.7
White	Male	1975-1987	1.2*	1987-1995	-0.5	1995-2000	1.4	2000-2003	-1.3
White	Female	1975-2003	0.5*						
Black	Male and Female	1975-2003	0.3						
Black	Male	1975-2003	0.3						
Black	Female	1975-2003	0.6						
U.S. Cancer Mortality[b]									
All Races	Male and Female	1975-1977	0.0	1977-1987	-2.1*	1987-2003	-0.2*		
All Races	Male	1975-1983	-1.4*	1983-1987	-2.8*	1987-1993	0.1	1993-2003	-0.7*
All Races	Female	1975-1986	-1.7*	1986-2003	-0.4*				
White	Male and Female	1975-1977	0.0	1977-1987	-2.1*	1987-2003	-0.1		
White	Male	1975-1983	-1.4*	1983-1987	-2.7*	1987-1993	0.2	1993-2003	-0.5*
White	Female	1975-1987	-1.7*	1987-2003	-0.2				
Black	Male and Female	1975-2003	-1.1*						
Black	Male	1975-2003	-1.1*						
Black	Female	1975-2003	-0.8*						

Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute. (http://srab.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 NCHS public use data file for the total US.
*   The APC is significantly different from zero (p<.05).

SEER Incidence, Delay Adjusted Incidence and US Death Rates+
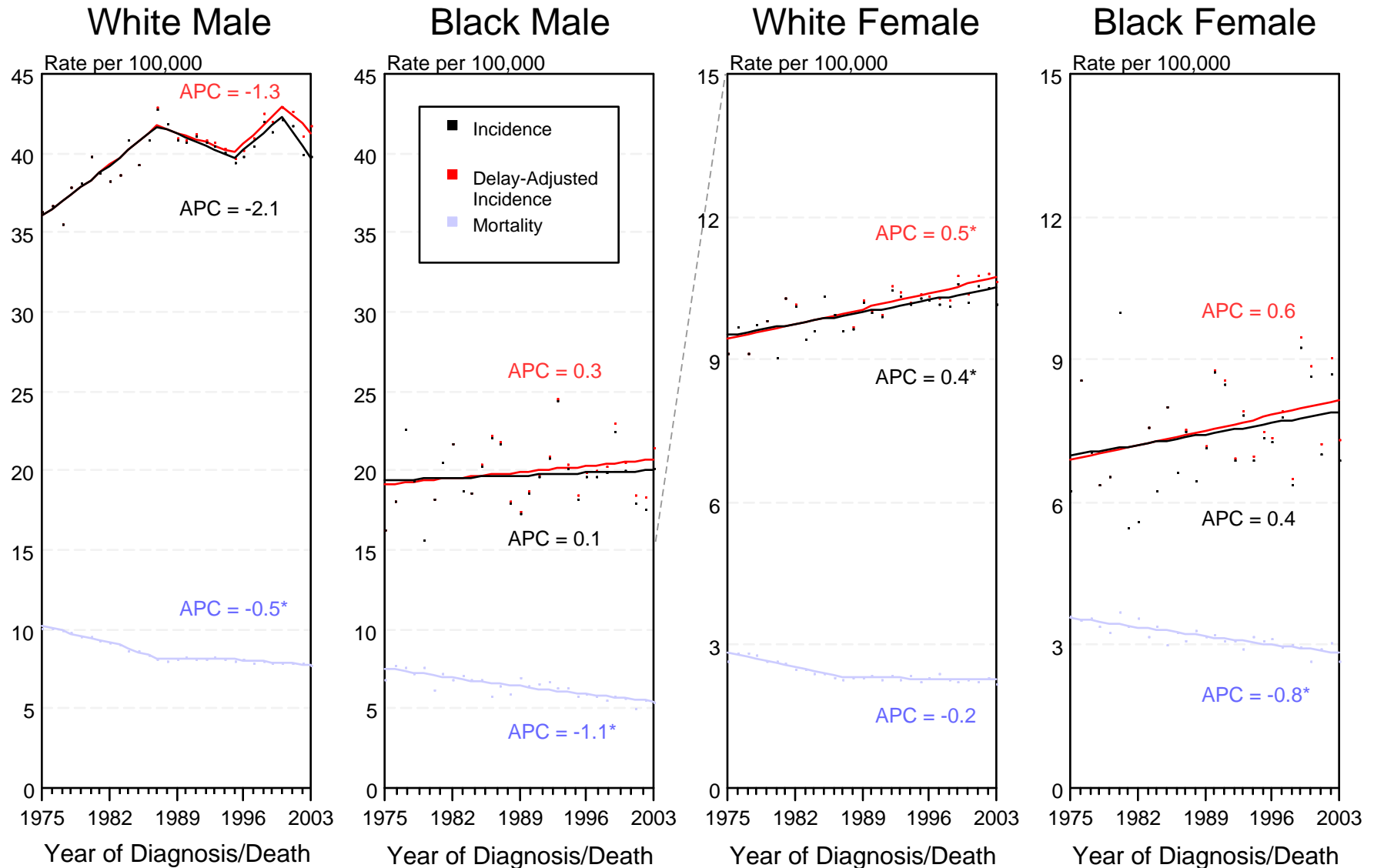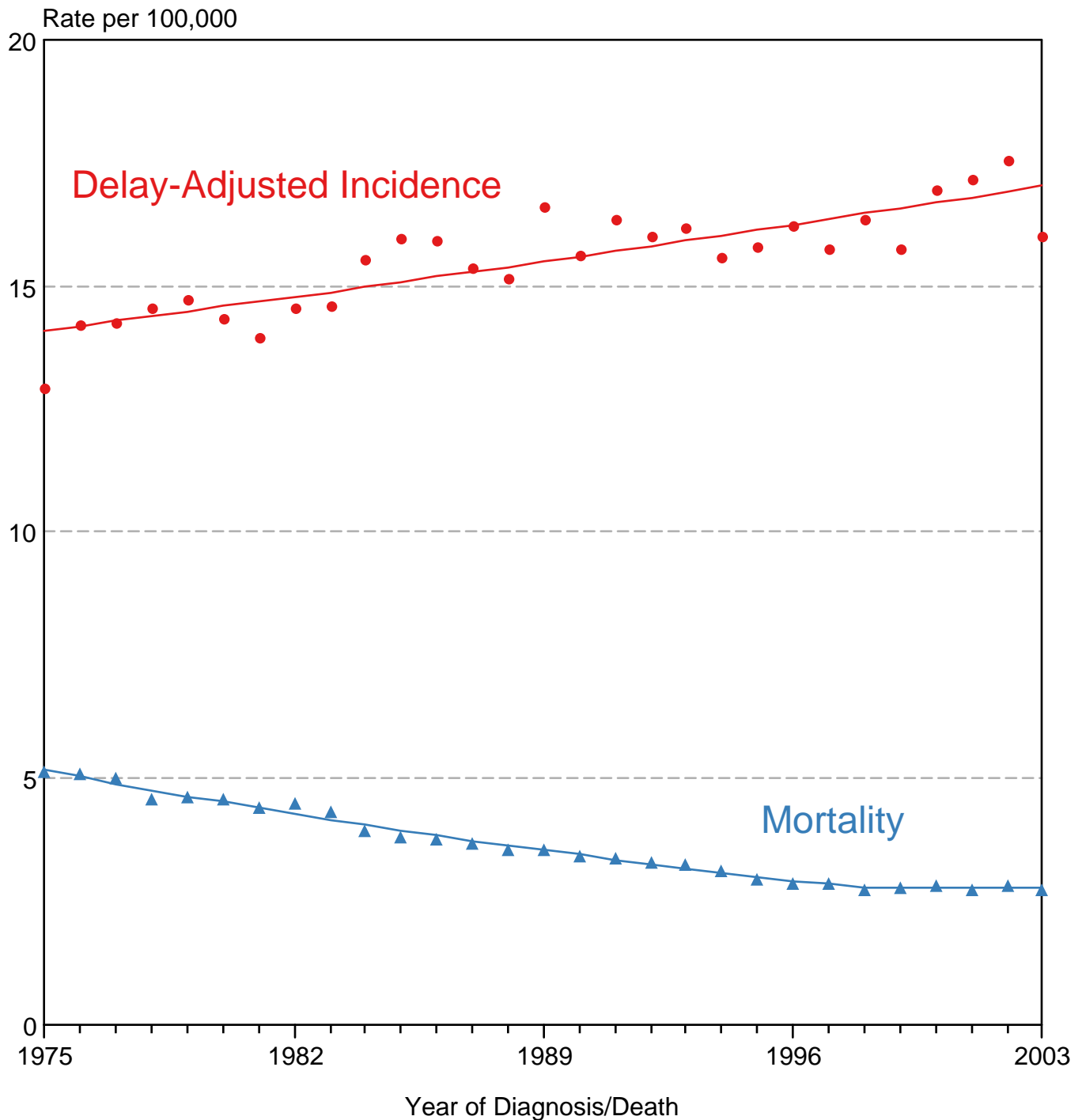Urinary Bladder Cancer, by Race and Sex

Figure XXVII-1

White Male

Rate per 100,000

APC = -1.3
APC = -2.1
APC = -0.5*

Black Male

Rate per 100,000

- ■ Incidence
- ■ Delay-Adjusted Incidence
- Mortality

APC = 0.3
APC = 0.1
APC = -1.1*

White Female

Rate per 100,000

APC = 0.5*
APC = 0.4*
APC = -0.2

Black Female

Rate per 100,000

APC = 0.6
APC = 0.4
APC = -0.8*

Year of Diagnosis/Death

+ Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
   Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.
   The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.
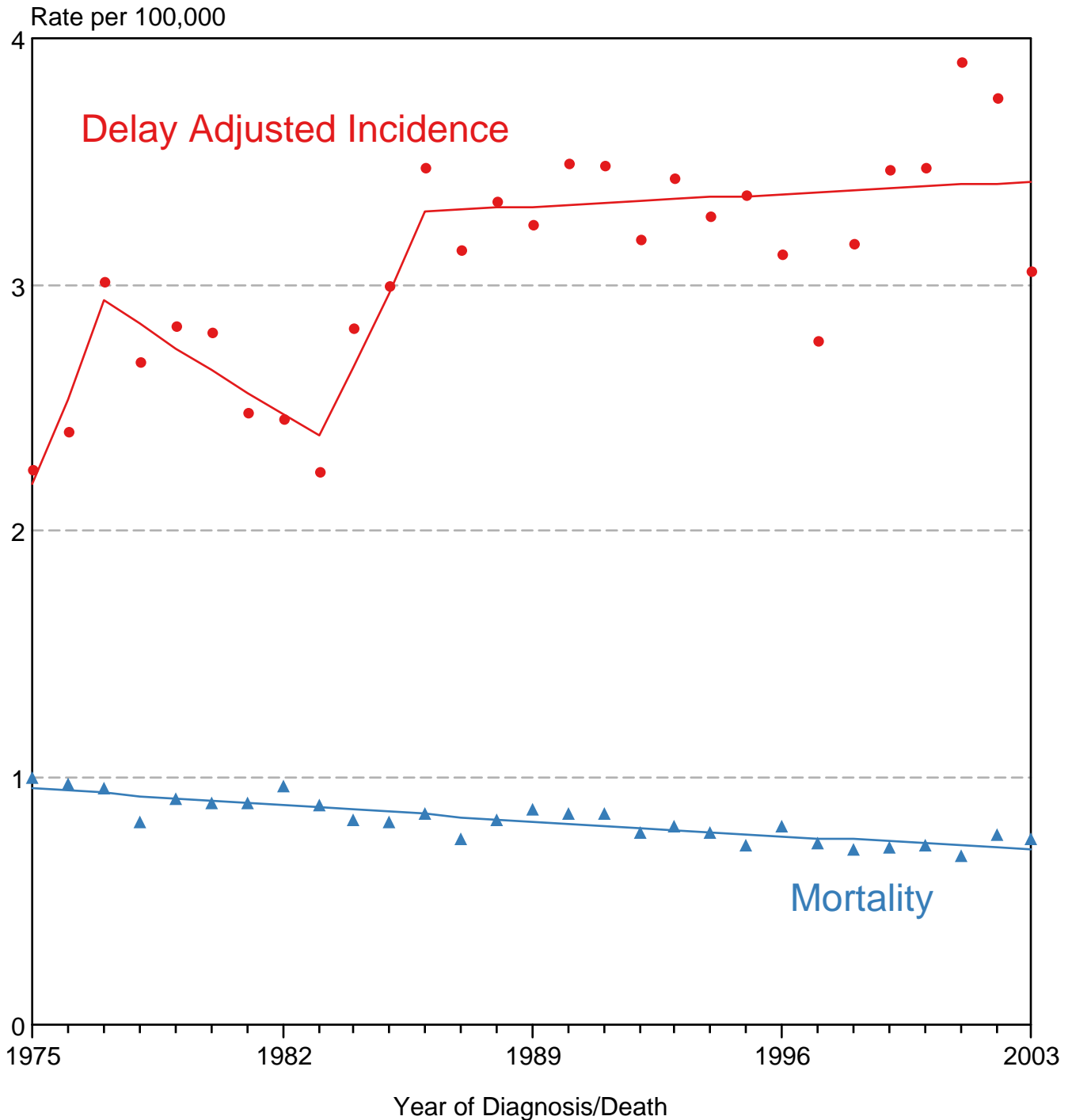* The APC is significantly different from zero (p < 0.05).

Figure XXVIII-1

SEER Delay-Adjusted Incidence and US Mortality All Childhood Cancers, Under 20 Years of Age Both Sexes, All Races, 1975-2003

Source: SEER 9 areas and NCHS public use data file for the total US.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

Figure XXVIII-2

SEER Delay-Adjusted Incidence and US Mortality
Brain and CNS, Under 15 Years of Age
Both Sexes, All Races, 1975-2003

Rate per 100,000

Delay Adjusted Incidence

Mortality

Year of Diagnosis/Death

Source: SEER 9 areas and NCHS public use data file for the total US.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.