

# SEER Incidence and Delay Adjusted Incidence Rates<sup>a</sup> All Cancer Sites, By Sex

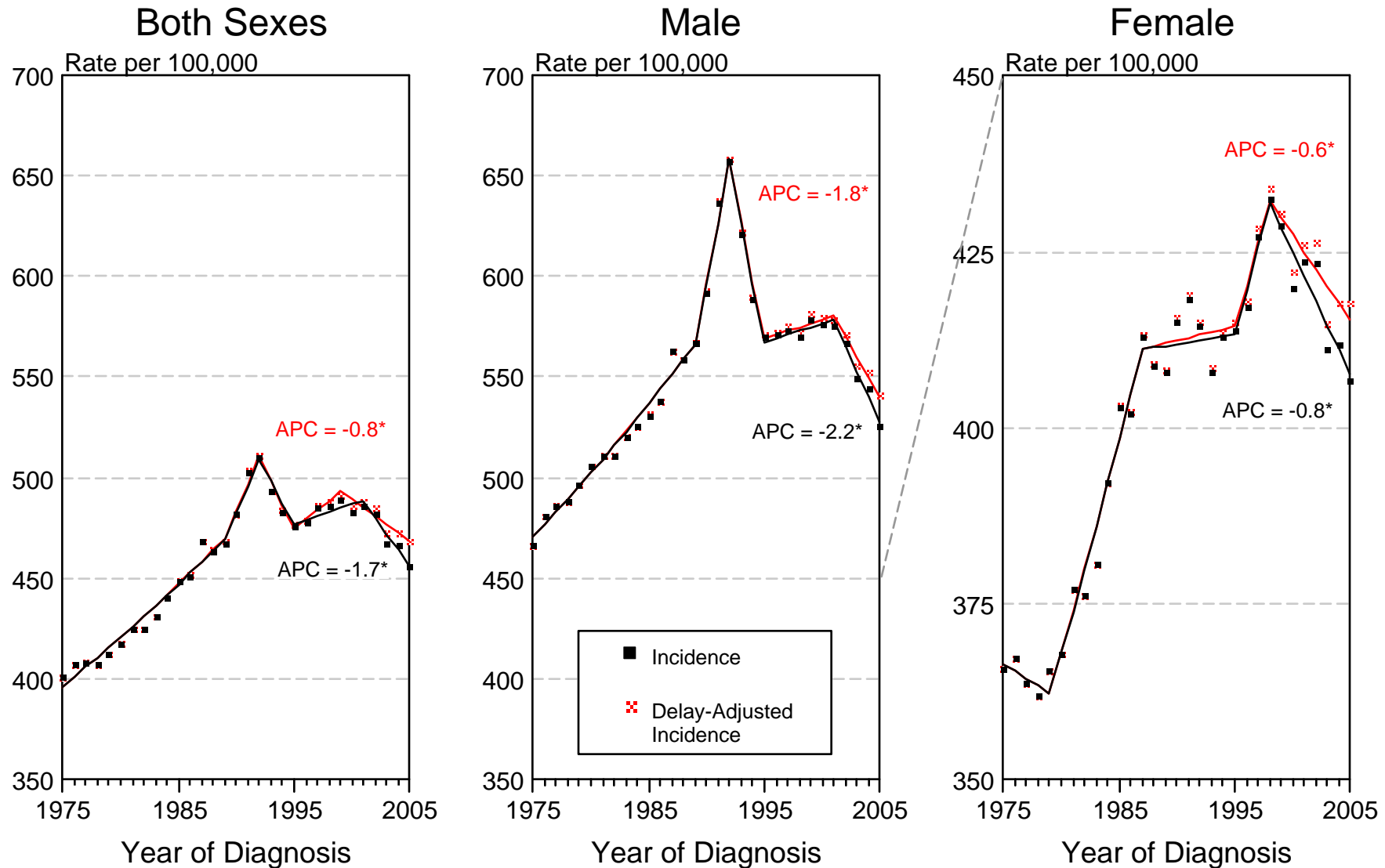


Figure I-21

<sup>a</sup> 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 3.3.1, April 2008, 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<sup>a</sup> Both Sexes

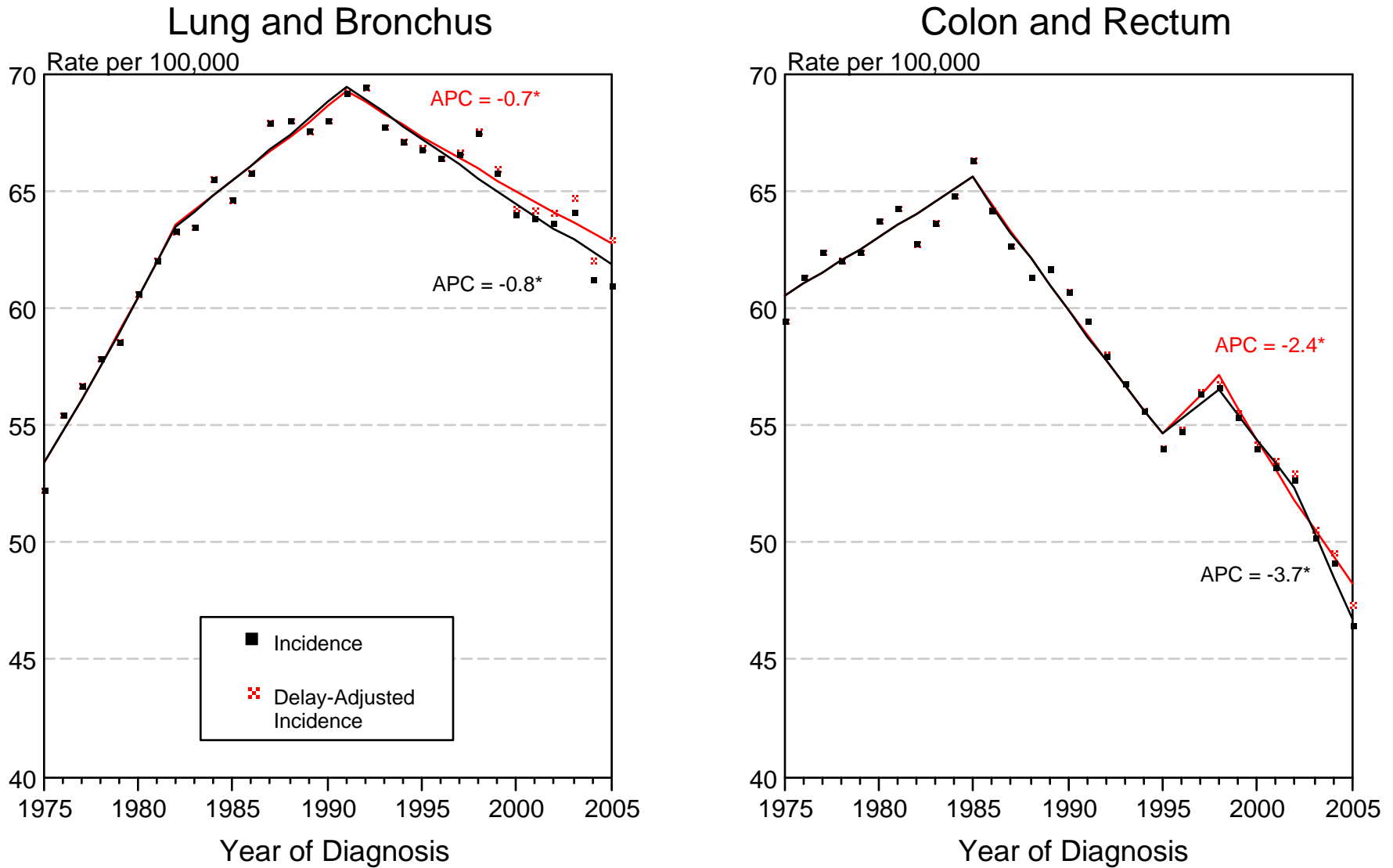


Figure I-22

<sup>a</sup> 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 3.3.1, April 2008, 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<sup>a</sup> Males

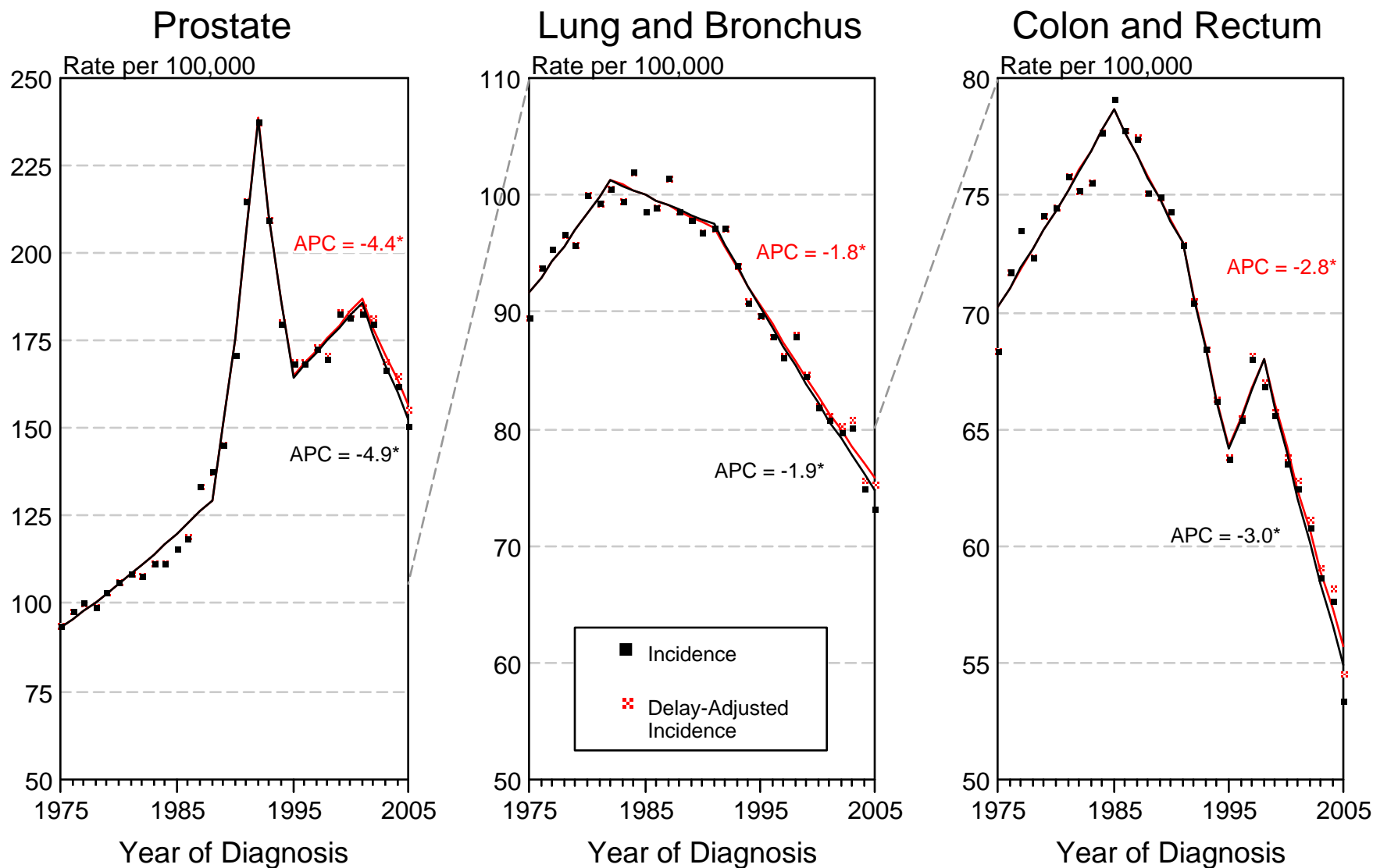


Figure 1-23

<sup>a</sup> 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 3.3.1, April 2008, 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<sup>a</sup> Females

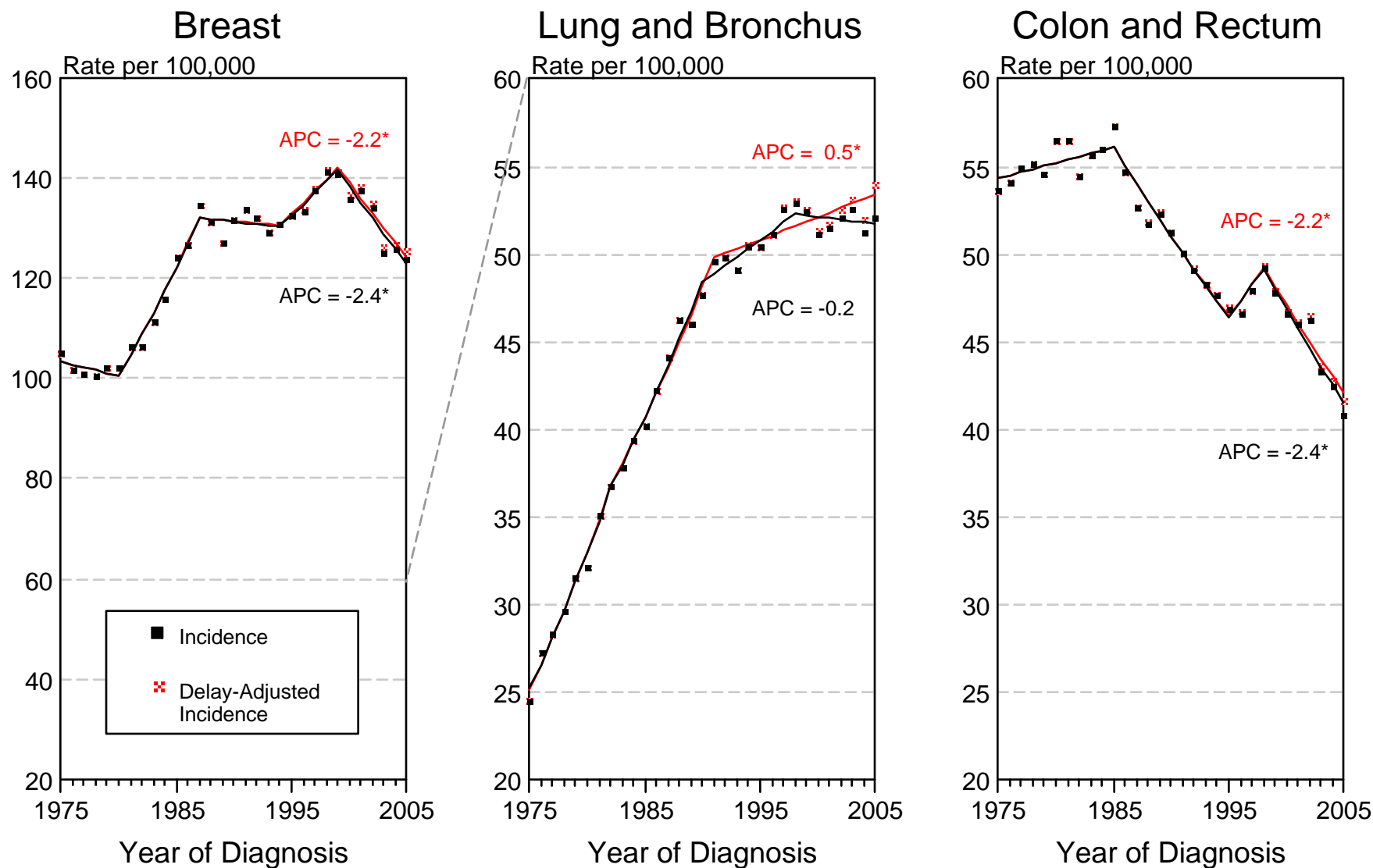


Figure I-24

<sup>a</sup> 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 3.3.1, April 2008, 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 II-1  
ALL CANCER SITES (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1992	1.4*	1992-1995	-1.3	1995-2001	0.3	2001-2005	-1.7*	-0.6	-1.7*
All Races	Male	1975-1989	1.3*	1989-1992	5.0*	1992-1995	-4.0	1995-2005	-0.6*	-0.6*	-0.6*
All Races	Female	1975-1979	-0.3	1979-1986	1.6*	1986-1999	0.4*	1999-2005	-0.7*	-0.4*	-0.7*
White	Both Sexes	1975-1992	1.5*	1992-1995	-1.5	1995-2001	0.5	2001-2005	-1.7*	-0.5	-1.7*
White	Male	1975-1989	1.4*	1989-1992	4.8*	1992-1995	-4.2	1995-2005	-0.5*	-0.5*	-0.5*
White	Female	1975-1979	-0.1	1979-1987	1.6*	1987-2001	0.4*	2001-2005	-1.2*	-0.3	-1.2*
Black	Both Sexes	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.4	1992-2005	-1.1*	-1.1*	-1.1*
Black	Male	1975-1981	2.8*	1981-1989	0.6	1989-1992	7.0*	1992-2005	-1.9*	-1.9*	-1.9*
Black	Female	1975-1991	1.1*	1991-2005	-0.1					-0.1	-0.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1992	1.4*	1992-2005	-0.3*					-0.3*	-0.3*
All Races	Male	1975-1989	1.3*	1989-1992	5.0*	1992-1995	-4.1*	1995-2005	-0.4*	-0.4*	-0.4*
All Races	Female	1975-1979	-0.3	1979-1986	1.6*	1986-1999	0.4*	1999-2005	-0.5	-0.2	-0.5
White	Both Sexes	1975-1992	1.5*	1992-1995	-1.6	1995-1999	1.1	1999-2005	-0.7*	-0.1	-0.7*
White	Male	1975-1989	1.4*	1989-1992	4.9*	1992-1995	-4.3*	1995-2005	-0.2	-0.2	-0.2
White	Female	1975-1979	-0.2	1979-1986	1.7*	1986-1999	0.5*	1999-2005	-0.3	0.0	-0.3
Black	Both Sexes	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.2*	1992-2005	-0.8*	-0.8*	-0.8*
Black	Male	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.8*	1992-2005	-1.7*	-1.7*	-1.7*
Black	Female	1975-1991	1.1*	1991-2005	0.1					0.1	0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1990	0.5*	1990-1993	-0.3	1993-2002	-1.1*	2002-2005	-1.8*	-1.3*	-1.6*
All Races	Male	1975-1980	0.9*	1980-1992	0.3*	1992-2001	-1.5*	2001-2005	-2.0*	-1.7*	-2.0*
All Races	Female	1975-1990	0.6*	1990-1994	-0.2	1994-2002	-0.8*	2002-2005	-1.6*	-1.1*	-1.4*
White	Both Sexes	1975-1991	0.4*	1991-2001	-0.9*	2001-2005	-1.6*			-1.2*	-1.6*
White	Male	1975-1980	0.8*	1980-1992	0.2*	1992-2002	-1.4*	2002-2005	-2.0*	-1.6*	-1.8*
White	Female	1975-1991	0.6*	1991-2001	-0.6*	2001-2005	-1.5*			-1.0*	-1.5*
Black	Both Sexes	1975-1983	1.3*	1983-1991	0.7*	1991-1996	-0.9*	1996-2005	-1.9*	-1.9*	-1.9*
Black	Male	1975-1982	1.8*	1982-1990	1.1*	1990-1995	-0.7*	1995-2005	-2.5*	-2.5*	-2.5*
Black	Female	1975-1991	1.0*	1991-1997	-0.4	1997-2005	-1.3*			-1.2*	-1.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table II-1a  
ALL CANCER SITES (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		Jointpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1989	1.2*	1989-1992	2.8	1992-1995	-2.2	1995-2001	0.4	2001-2005	-1.7*	-1.7*
All Races	Male	1975-1989	1.3*	1989-1992	5.1*	1992-1995	-4.8*	1995-2001	0.3	2001-2005	-2.2*	-2.2*
All Races	Female	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.5	1998-2005	-0.8*	-0.8*
White	Both Sexes	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-1.9	1995-2001	0.6	2001-2005	-1.7*	-1.7*
White	Male	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.1*	1995-2001	0.5	2001-2005	-2.2*	-2.2*
White	Female	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.8	1998-2005	-0.8*	-0.8*
Black	Both Sexes	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.4	1992-2005	-1.1*			-1.1*
Black	Male	1975-1981	2.8*	1981-1989	0.6	1989-1992	6.6*	1992-2003	-1.7*	2003-2005	-4.4	-3.1*
Black	Female	1975-1991	1.1*	1991-2005	-0.1							-0.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1989	1.2*	1989-1992	2.8*	1992-1995	-2.4	1995-1999	0.9	1999-2005	-0.8*	-0.8*
All Races	Male	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.8*	1995-2001	0.3	2001-2005	-1.8*	-1.8*
All Races	Female	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.4	1998-2005	-0.6*	-0.6*
White	Both Sexes	1975-1982	0.8*	1982-1992	1.8*	1992-1995	-2.1	1995-1999	1.2	1999-2005	-0.7*	-0.7*
White	Male	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.0*	1995-2001	0.6*	2001-2005	-1.6*	-1.6*
White	Female	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.8	1998-2005	-0.5*	-0.5*
Black	Both Sexes	1975-1989	1.2*	1989-1992	3.6	1992-2005	-0.8*					-0.8*
Black	Male	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.8*	1992-2005	-1.7*			-1.7*
Black	Female	1975-1991	1.1*	1991-2005	0.1							0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1990	0.5*	1990-1993	-0.3	1993-2002	-1.1*	2002-2005	-1.8*			-1.6*
All Races	Male	1975-1979	1.0*	1979-1990	0.3*	1990-1993	-0.5	1993-2001	-1.5*	2001-2005	-2.0*	-2.0*
All Races	Female	1975-1990	0.6*	1990-1994	-0.2	1994-2002	-0.8*	2002-2005	-1.6*			-1.4*
White	Both Sexes	1975-1990	0.4*	1990-1993	-0.3	1993-2002	-1.0*	2002-2005	-1.7*			-1.5*
White	Male	1975-1980	0.8*	1980-1992	0.2*	1992-2002	-1.4*	2002-2005	-2.0*			-1.8*
White	Female	1975-1990	0.6*	1990-1994	-0.2	1994-2002	-0.8*	2002-2005	-1.6*			-1.4*
Black	Both Sexes	1975-1983	1.3*	1983-1991	0.7*	1991-1996	-0.9*	1996-2005	-1.9*			-1.9*
Black	Male	1975-1982	1.8*	1982-1990	1.0*	1990-1993	-0.2	1993-2000	-2.0*	2000-2005	-2.8*	-2.8*
Black	Female	1975-1991	1.0*	1991-1997	-0.4	1997-2005	-1.3*					-1.3*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> All Cancer Sites, by Race and Sex

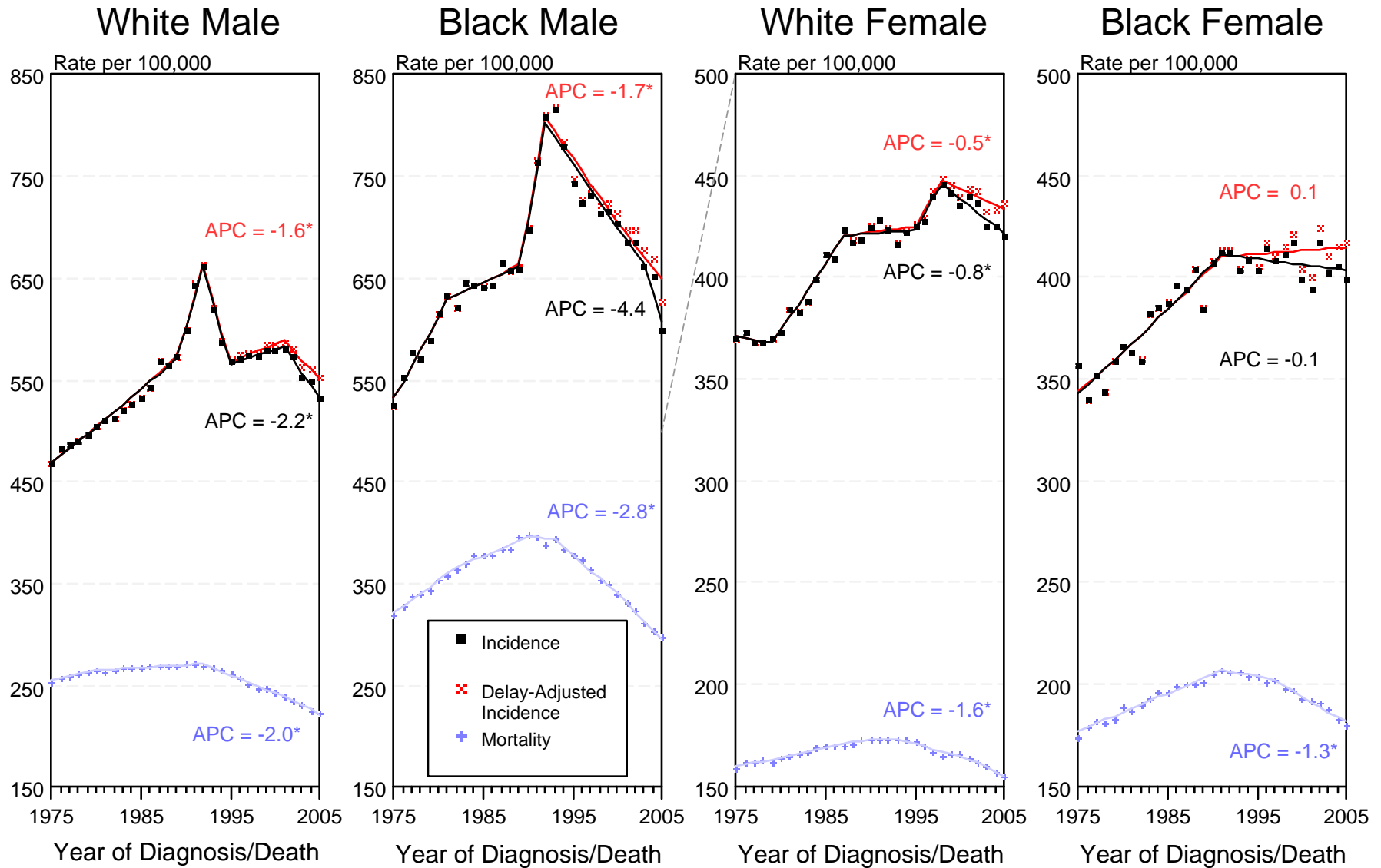


Figure II-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1987	1.5*	1987-2005	-0.3*					-0.3*	-0.3*
All Races	Male	1975-1991	1.1*	1991-2005	-0.7*					-0.7*	-0.7*
All Races	Female	1975-1990	1.5*	1990-1994	-2.4	1994-2005	0.5			0.5	0.5
White	Both Sexes	1975-1987	1.6*	1987-2005	-0.1					-0.1	-0.1
White	Male	1975-1991	1.2*	1991-2005	-0.5*					-0.5*	-0.5*
White	Female	1975-1988	1.9*	1988-1995	-1.1	1995-2005	0.6			0.6	0.6
Black	Both Sexes	1975-2005	0.3							0.3	0.3
Black	Male	1975-2005	0.0							0.0	0.0
Black	Female	1975-2005	0.6							0.6	0.6
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1987	1.4*	1987-2005	-0.1					-0.1	-0.1
All Races	Male	1975-1989	1.2*	1989-2005	-0.4					-0.4*	-0.4*
All Races	Female	1975-1990	1.5*	1990-1994	-2.5	1994-2005	0.8*			0.8*	0.8*
White	Both Sexes	1975-1987	1.6*	1987-2005	0.0					0.0	0.0
White	Male	1975-1991	1.2*	1991-2005	-0.4					-0.4	-0.4
White	Female	1975-1984	1.2*	1984-1987	4.5	1987-1995	-1.2*	1995-2005	0.9*	0.9*	0.9*
Black	Both Sexes	1975-2005	0.4							0.4	0.4
Black	Male	1975-2005	0.1							0.1	0.1
Black	Female	1975-2005	0.8*							0.8*	0.8*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1977	3.7	1977-1981	-0.7	1981-1991	1.3*	1991-2005	-0.9*	-0.9*	-0.9*
All Races	Male	1975-1977	4.3	1977-1982	-0.3	1982-1991	1.3*	1991-2005	-0.9*	-0.9*	-0.9*
All Races	Female	1975-1992	0.9*	1992-2005	-1.0*					-1.0*	-1.0*
White	Both Sexes	1975-1977	3.7	1977-1981	-0.5	1981-1991	1.3*	1991-2005	-0.8*	-0.8*	-0.8*
White	Male	1975-1977	5.0*	1977-1981	-0.7	1981-1991	1.3*	1991-2005	-0.8*	-0.8*	-0.8*
White	Female	1975-1992	1.0*	1992-2005	-0.9*					-0.9*	-0.9*
Black	Both Sexes	1975-1984	-0.2	1984-1987	4.7	1987-2005	-0.7*			-0.7*	-0.7*
Black	Male	1975-1990	0.7*	1990-2005	-0.7*					-0.7*	-0.7*
Black	Female	1975-1997	0.9*	1997-2005	-2.3*					-1.9*	-2.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero (p<.05).



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

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Jointpoint Trend 1</u>		<u>Jointpoint Trend 2</u>		<u>Jointpoint Trend 3</u>		<u>Jointpoint Trend 4</u>		<u>Jointpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1987	1.5*	1987-2005	-0.3*							-0.3*
All Races	Male	1975-1991	1.1*	1991-2005	-0.7*							-0.7*
All Races	Female	1975-1990	1.5*	1990-1994	-2.4	1994-2005	0.5					0.5
White	Both Sexes	1975-1987	1.6*	1987-2005	-0.1							-0.1
White	Male	1975-1991	1.2*	1991-2005	-0.5*							-0.5*
White	Female	1975-1988	1.9*	1988-1995	-1.1	1995-2005	0.6					0.6
Black	Both Sexes	1975-2005	0.3									0.3
Black	Male	1975-2005	0.0									0.0
Black	Female	1975-2005	0.6									0.6
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1987	1.4*	1987-2005	-0.1							-0.1
All Races	Male	1975-1989	1.2*	1989-2005	-0.4							-0.4*
All Races	Female	1975-1990	1.5*	1990-1994	-2.5	1994-2005	0.8*					0.8*
White	Both Sexes	1975-1987	1.6*	1987-2005	0.0							0.0
White	Male	1975-1991	1.2*	1991-2005	-0.4							-0.4
White	Female	1975-1988	1.9*	1988-1995	-1.0	1995-2005	0.9*					0.9*
Black	Both Sexes	1975-2005	0.4									0.4
Black	Male	1975-2005	0.1									0.1
Black	Female	1975-2005	0.8*									0.8*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1977	3.7	1977-1981	-0.7	1981-1991	1.3*	1991-2005	-0.9*			-0.9*
All Races	Male	1975-1977	4.3	1977-1982	-0.3	1982-1991	1.3*	1991-2005	-0.9*			-0.9*
All Races	Female	1975-1992	0.9*	1992-2005	-1.0*							-1.0*
White	Both Sexes	1975-1992	1.0*	1992-2005	-0.8*							-0.8*
White	Male	1975-1977	5.0*	1977-1981	-0.7	1981-1991	1.3*	1991-2005	-0.8*			-0.8*
White	Female	1975-1992	1.0*	1992-2005	-0.9*							-0.9*
Black	Both Sexes	1975-1991	0.9*	1991-2005	-0.8*							-0.8*
Black	Male	1975-1990	0.7*	1990-2005	-0.7*							-0.7*
Black	Female	1975-1977	10.8	1977-1984	-1.1	1984-1988	5.1	1988-2005	-0.9*			-0.9*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Brain and Other Nervous System Cancer, by Race and Sex

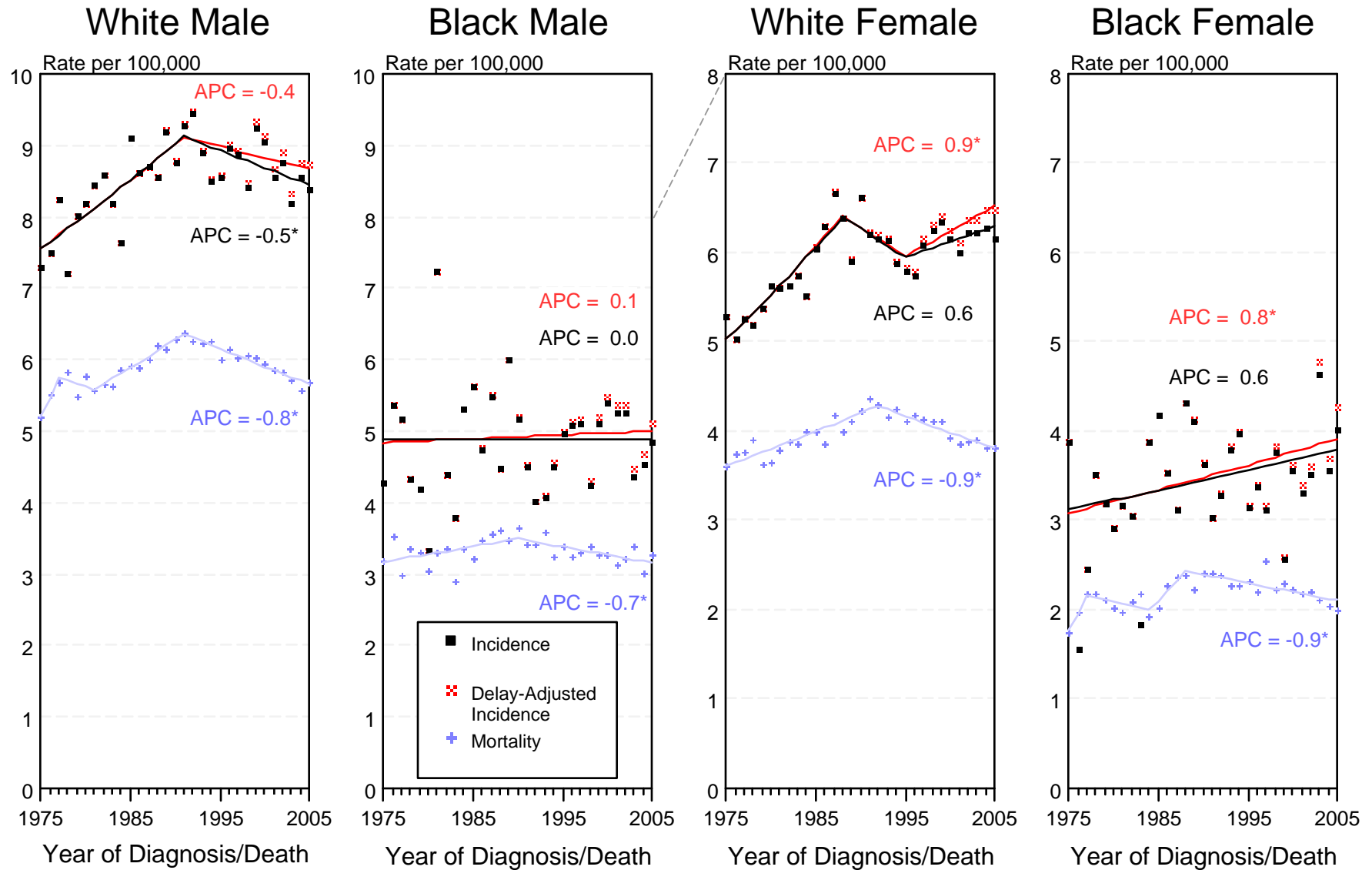


Figure III-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1980	-0.4	1980-1987	3.7*	1987-2001	0.4*	2001-2005	-3.1*	-1.1*	-3.1*
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9*	1986-2005	-0.2*			-0.2*	-0.2*
All Races	50 and Over	1975-1982	0.8	1982-1986	5.8*	1986-2001	0.7*	2001-2005	-4.1*	-1.4*	-4.1*
White	All Ages	1975-1980	-0.3	1980-1987	3.7*	1987-2001	0.5*	2001-2005	-3.2*	-1.2*	-3.2*
White	Under 50	1975-1980	-1.2	1980-1986	2.8*	1986-2005	-0.2*			-0.2*	-0.2*
White	50 and Over	1975-1980	-0.1	1980-1987	4.2*	1987-2001	0.7*	2001-2005	-4.1*	-1.5*	-4.1*
Black	All Ages	1975-1993	2.2*	1993-2005	-0.5					-0.5	-0.5
Black	Under 50	1975-1991	1.4*	1991-2005	-0.8*					-0.8*	-0.8*
Black	50 and Over	1975-1995	2.4*	1995-2005	-0.8					-0.8	-0.8
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1980	-0.6	1980-1986	4.1*	1986-2000	0.6*	2000-2005	-2.3*	-1.0*	-2.3*
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9*	1986-2005	-0.2			-0.2	-0.2
All Races	50 and Over	1975-1982	0.8	1982-1986	5.8*	1986-2001	0.7*	2001-2005	-3.9*	-1.3*	-3.9*
White	All Ages	1975-1980	-0.3	1980-1987	3.7*	1987-2001	0.5*	2001-2005	-2.9*	-1.0*	-2.9*
White	Under 50	1975-1980	-1.1	1980-1986	2.7*	1986-2005	-0.2			-0.2	-0.2
White	50 and Over	1975-1980	-0.1	1980-1987	4.2*	1987-2001	0.7*	2001-2005	-3.8*	-1.3*	-3.8*
Black	All Ages	1975-1992	2.3*	1992-2005	-0.2					-0.2	-0.2
Black	Under 50	1975-1991	1.4*	1991-2005	-0.7*					-0.7*	-0.7*
Black	50 and Over	1975-1995	2.4*	1995-2005	-0.6					-0.6	-0.6
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1990	0.4*	1990-2005	-2.2*					-2.2*	-2.2*
All Races	Under 50	1975-1990	-0.4*	1990-2005	-3.2*					-3.2*	-3.2*
All Races	50 and Over	1975-1990	0.6*	1990-2005	-2.0*					-2.0*	-2.0*
White	All Ages	1975-1990	0.3*	1990-2005	-2.4*					-2.4*	-2.4*
White	Under 50	1975-1990	-0.6*	1990-2005	-3.7*					-3.7*	-3.7*
White	50 and Over	1975-1990	0.5*	1990-2005	-2.1*					-2.1*	-2.1*
Black	All Ages	1975-1992	1.5*	1992-2005	-1.3*					-1.3*	-1.3*
Black	Under 50	1975-1988	1.7*	1988-2005	-1.9*					-1.9*	-1.9*
Black	50 and Over	1975-1993	1.6*	1993-2005	-1.2*					-1.2*	-1.2*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table IV-1a  
 FEMALE BREAST CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1980	-0.5	1980-1987	4.0*	1987-1994	-0.2	1994-1999	1.7*	1999-2005	-2.4*	-2.4*
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9*	1986-2005	-0.2*					-0.2*
All Races	50 and Over	1975-1982	0.8	1982-1987	5.3*	1987-1993	-0.3	1993-1999	1.9*	1999-2005	-2.9*	-2.9*
White	All Ages	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.9*	1999-2005	-2.4*	-2.4*
White	Under 50	1975-1980	-1.2	1980-1986	2.8*	1986-2005	-0.2*					-0.2*
White	50 and Over	1975-1982	0.9	1982-1987	5.5*	1987-1993	-0.4	1993-1999	2.0*	1999-2005	-2.9*	-2.9*
Black	All Ages	1975-1993	2.2*	1993-2005	-0.5							-0.5
Black	Under 50	1975-1991	1.4*	1991-2005	-0.8*							-0.8*
Black	50 and Over	1975-1995	2.4*	1995-2005	-0.8							-0.8
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1980	-0.6	1980-1987	4.0*	1987-1994	-0.2	1994-1999	1.7*	1999-2005	-2.2*	-2.2*
All Races	Under 50	1975-1980	-1.4	1980-1986	2.9*	1986-2005	-0.2					-0.2
All Races	50 and Over	1975-1982	0.8	1982-1987	5.4*	1987-1993	-0.3	1993-1999	1.9*	1999-2005	-2.7*	-2.7*
White	All Ages	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.9*	1999-2005	-2.2*	-2.2*
White	Under 50	1975-1980	-1.1	1980-1986	2.7*	1986-2005	-0.2					-0.2
White	50 and Over	1975-1982	0.9	1982-1987	5.6*	1987-1993	-0.4	1993-1999	2.1*	1999-2005	-2.7*	-2.7*
Black	All Ages	1975-1992	2.3*	1992-2005	-0.2							-0.2
Black	Under 50	1975-1991	1.4*	1991-2005	-0.7*							-0.7*
Black	50 and Over	1975-1995	2.4*	1995-2005	-0.6							-0.6
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1990	0.4*	1990-1995	-1.8*	1995-1998	-3.3*	1998-2005	-1.8*			-1.8*
All Races	Under 50	1975-1990	-0.4*	1990-2005	-3.2*							-3.2*
All Races	50 and Over	1975-1990	0.6*	1990-2005	-2.0*							-2.0*
White	All Ages	1975-1990	0.3*	1990-1995	-2.0*	1995-1998	-3.5*	1998-2005	-1.9*			-1.9*
White	Under 50	1975-1990	-0.6*	1990-2005	-3.7*							-3.7*
White	50 and Over	1975-1990	0.5*	1990-2005	-2.1*							-2.1*
Black	All Ages	1975-1992	1.5*	1992-2005	-1.3*							-1.3*
Black	Under 50	1975-1988	1.7*	1988-2005	-1.9*							-1.9*
Black	50 and Over	1975-1993	1.6*	1993-2005	-1.2*							-1.2*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

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

TRENDS IN SEER INCIDENCE<sup>a</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>b</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1982	-0.8	1982-1986	32.2*	1986-2000	6.1*	2000-2005	-1.1	2.1*	-1.1
All Races	Under 50	1975-1982	-3.4	1982-1985	37.9	1985-1999	4.2*	1999-2005	0.7	1.9*	0.7
All Races	50 and Over	1975-1980	-5.9	1980-1987	24.0*	1987-2000	7.0*	2000-2005	-1.6	2.1*	-1.6
White	All Ages	1975-1982	-0.7	1982-1986	32.9*	1986-2000	5.9*	2000-2005	-0.9	2.1*	-0.9
White	Under 50	1975-1982	-3.9	1982-1985	40.2*	1985-1999	4.1*	1999-2005	0.9	2.0*	0.9
White	50 and Over	1975-1981	-1.3	1981-1987	26.0*	1987-2000	6.6*	2000-2005	-1.4	2.1*	-1.4
Black	All Ages	1975-1981	3.2	1981-1988	18.2*	1988-1998	8.0*	1998-2005	0.8	2.4*	0.8
Black	Under 50	1975-1997	7.9*	1997-2005	-1.0					0.0	-1.0
Black	50 and Over	1975-1980	-1.8	1980-1988	20.4*	1988-1999	8.5*	1999-2005	0.3	3.0*	0.3
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1982	-0.8	1982-1986	32.2*	1986-2000	6.1*	2000-2005	-1.0	2.1*	-1.0
All Races	Under 50	1975-1982	-3.4	1982-1985	38.0	1985-1999	4.2*	1999-2005	0.8	1.9*	0.8
All Races	50 and Over	1975-1980	-5.9	1980-1987	24.0*	1987-2000	6.9*	2000-2005	-1.5	2.2*	-1.5
White	All Ages	1975-1982	-0.7	1982-1986	32.9*	1986-2000	5.9*	2000-2005	-0.8	2.2*	-0.8
White	Under 50	1975-1982	-3.9	1982-1985	40.2*	1985-1999	4.1*	1999-2005	1.1	2.1*	1.1
White	50 and Over	1975-1981	-1.3	1981-1987	26.1*	1987-2000	6.7*	2000-2005	-1.2	2.2*	-1.2
Black	All Ages	1975-1981	3.2	1981-1988	18.2*	1988-1998	8.0*	1998-2005	1.0	2.5*	1.0
Black	Under 50	1975-1997	7.9*	1997-2005	-0.9					0.1	-0.9
Black	50 and Over	1975-1980	-1.8	1980-1988	20.5*	1988-1999	8.5*	1999-2005	0.4	3.1*	0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
 b  
 \*

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

TRENDS IN SEER INCIDENCE<sup>a</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1981	-3.0	1981-1987	24.9*	1987-1995	4.2*	1995-1998	11.9*	1998-2005	-0.1	-0.1
All Races	Under 50	1975-1982	-2.6	1982-1986	30.1*	1986-1994	2.3	1994-1998	7.1	1998-2005	0.5	0.5
All Races	50 and Over	1975-1981	-2.3	1981-1987	27.4*	1987-1994	5.1*	1994-1999	9.7*	1999-2005	-1.1	-1.1
White	All Ages	1975-1981	-2.9	1981-1987	25.4*	1987-1995	3.9*	1995-1998	12.0*	1998-2005	0.0	0.0
White	Under 50	1975-1982	-3.9	1982-1985	40.2*	1985-1999	4.1*	1999-2005	0.9			0.9
White	50 and Over	1975-1981	-1.8	1981-1987	27.5*	1987-1995	4.9*	1995-1998	13.1*	1998-2005	-0.2	-0.2
Black	All Ages	1975-1983	6.2*	1983-1988	23.3*	1988-1993	3.5	1993-1998	11.1*	1998-2005	0.1	0.1
Black	Under 50	1975-1997	7.9*	1997-2005	-1.0							-1.0
Black	50 and Over	1975-1980	-1.8	1980-1988	20.4*	1988-1999	8.5*	1999-2005	0.3			0.3
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1981	-3.0	1981-1987	24.9*	1987-1995	4.2*	1995-1998	11.8*	1998-2005	0.0	0.0
All Races	Under 50	1975-1982	-2.6	1982-1986	30.1*	1986-1994	2.3	1994-1998	7.0	1998-2005	0.6	0.6
All Races	50 and Over	1975-1981	-2.3	1981-1987	27.3*	1987-1994	5.1*	1994-1999	9.6*	1999-2005	-1.0	-1.0
White	All Ages	1975-1981	-2.9	1981-1987	25.4*	1987-1995	3.9*	1995-1998	11.9*	1998-2005	0.1	0.1
White	Under 50	1975-1982	-3.9	1982-1985	40.2*	1985-1999	4.1*	1999-2005	1.1			1.1
White	50 and Over	1975-1981	-1.8	1981-1987	27.5*	1987-1995	5.0*	1995-1998	13.1*	1998-2005	-0.1	-0.1
Black	All Ages	1975-1983	6.2*	1983-1988	23.3*	1988-1993	3.5	1993-1998	11.1*	1998-2005	0.2	0.2
Black	Under 50	1975-1997	7.9*	1997-2005	-0.9							-0.9
Black	50 and Over	1975-1980	-1.8	1980-1988	20.5*	1988-1999	8.5*	1999-2005	0.4			0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

<sup>a</sup>  
<sup>b</sup>  
<sup>\*</sup>

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Female Breast Cancer, by Race

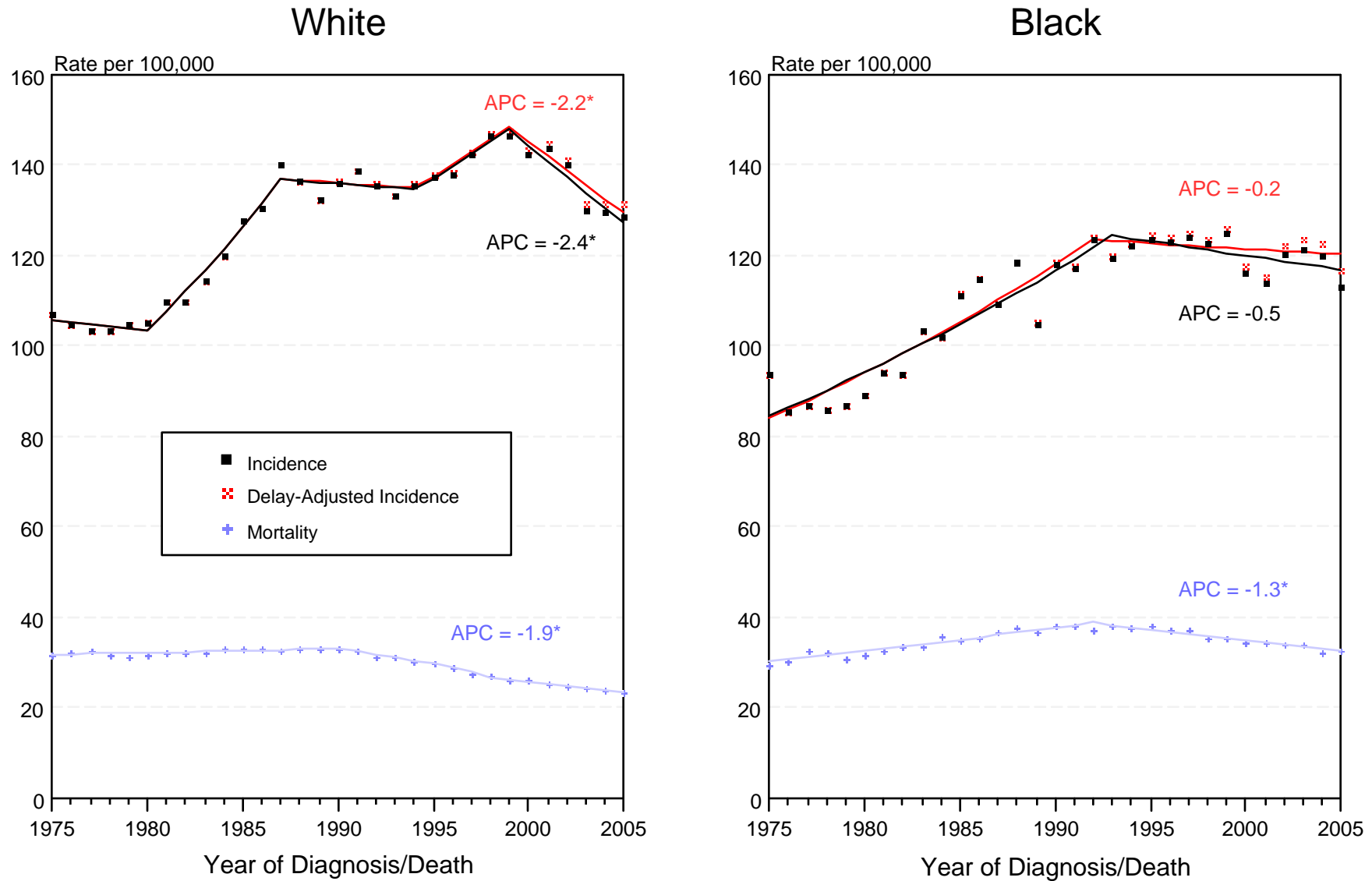


Figure IV-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Female Breast Cancer, by Age and Race

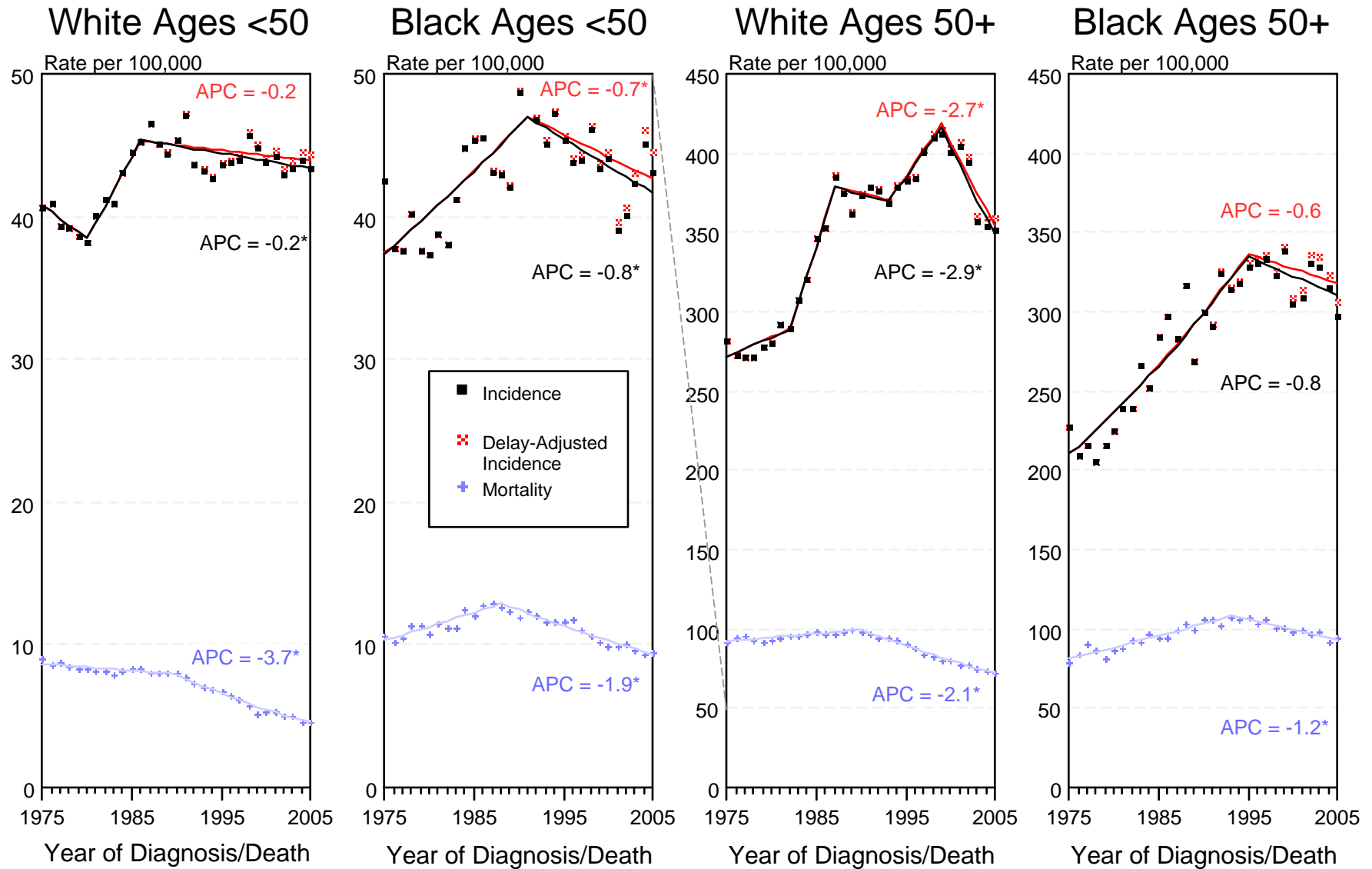


Figure IV-2

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Female Breast Cancer (*In Situ*), by Race

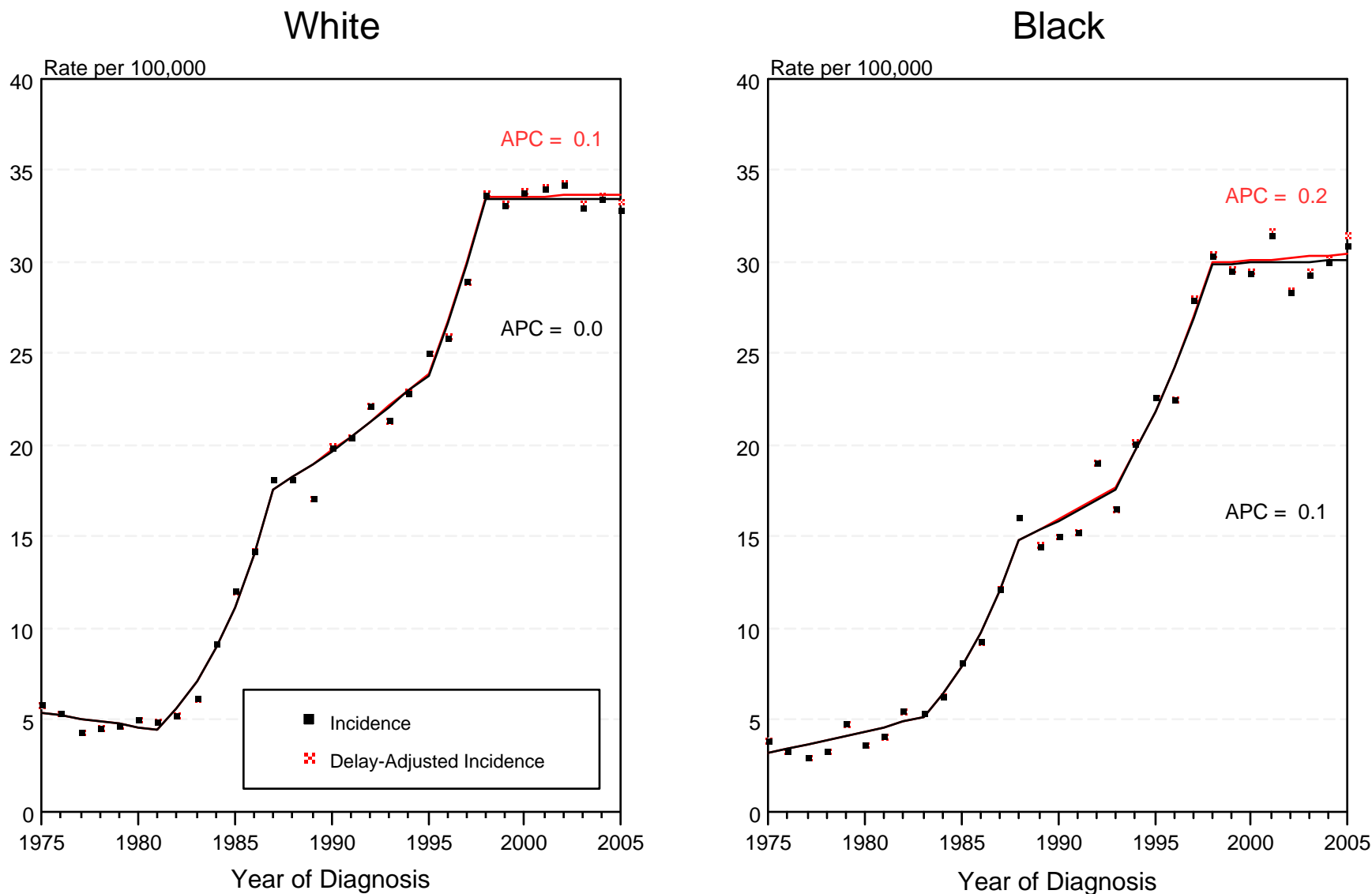


Figure IV-3

<sup>a</sup> 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1981	-4.6*	1981-1996	-1.1*	1996-2005	-3.8*			-3.8*	-3.8*
All Races	Under 50	1975-1981	-3.7*	1981-1996	-0.4	1996-2005	-3.6*			-3.6*	-3.6*
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.8	1991-2005	-3.4*			-3.4*	-3.4*
White	All Ages	1975-1982	-4.8*	1982-1990	0.5	1990-2005	-2.6*			-2.6*	-2.6*
White	Under 50	1975-1981	-4.6*	1981-1990	1.4	1990-2005	-2.2*			-2.2*	-2.2*
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2005	-3.5*			-3.5*	-3.5*
Black	All Ages	1975-2005	-3.8*							-3.8*	-3.8*
Black	Under 50	1975-2005	-3.4*							-3.4*	-3.4*
Black	50 and Over	1975-2005	-4.0*							-4.0*	-4.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1981	-4.6*	1981-1996	-1.1*	1996-2005	-3.6*			-3.6*	-3.6*
All Races	Under 50	1975-1981	-3.7*	1981-1996	-0.4	1996-2005	-3.4*			-3.4*	-3.4*
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.8	1991-2005	-3.3*			-3.3*	-3.3*
White	All Ages	1975-1982	-4.8*	1982-1990	0.4	1990-2005	-2.5*			-2.5*	-2.5*
White	Under 50	1975-1982	-4.0*	1982-1989	2.1	1989-2005	-1.9*			-1.9*	-1.9*
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2005	-3.3*			-3.3*	-3.3*
Black	All Ages	1975-2005	-3.7*							-3.7*	-3.7*
Black	Under 50	1975-2005	-3.3*							-3.3*	-3.3*
Black	50 and Over	1975-2005	-4.0*							-4.0*	-4.0*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1982	-4.4*	1982-1995	-1.6*	1995-2005	-3.4*			-3.4*	-3.4*
All Races	Under 50	1975-1982	-3.5*	1982-1994	-0.4	1994-2005	-3.1*			-3.1*	-3.1*
All Races	50 and Over	1975-1984	-4.3*	1984-1994	-1.8*	1994-2005	-3.4*			-3.4*	-3.4*
White	All Ages	1975-1983	-4.2*	1983-1996	-1.3*	1996-2005	-3.2*			-3.2*	-3.2*
White	Under 50	1975-1980	-4.1*	1980-1996	-0.3	1996-2005	-3.0*			-3.0*	-3.0*
White	50 and Over	1975-1984	-4.7*	1984-1994	-1.7*	1994-2005	-3.1*			-3.1*	-3.1*
Black	All Ages	1975-1981	-4.8*	1981-1992	-2.3*	1992-2005	-4.5*			-4.5*	-4.5*
Black	Under 50	1975-2005	-3.3*							-3.3*	-3.3*
Black	50 and Over	1975-1993	-3.0*	1993-2005	-4.4*					-4.4*	-4.4*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table V-1a  
CERVIX UTERI CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINPOINTS BY RACE AND AGE

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1981	-4.6*	1981-1996	-1.1*	1996-2005	-3.8*					-3.8*
All Races	Under 50	1975-1981	-3.7*	1981-1996	-0.4	1996-2005	-3.6*					-3.6*
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.8	1991-2005	-3.4*					-3.4*
White	All Ages	1975-1982	-4.8*	1982-1990	0.5	1990-2005	-2.6*					-2.6*
White	Under 50	1975-1981	-4.6*	1981-1990	1.4	1990-2005	-2.2*					-2.2*
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2005	-3.5*					-3.5*
Black	All Ages	1975-2005	-3.8*									-3.8*
Black	Under 50	1975-2005	-3.4*									-3.4*
Black	50 and Over	1975-2005	-4.0*									-4.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1981	-4.6*	1981-1996	-1.1*	1996-2005	-3.6*					-3.6*
All Races	Under 50	1975-1981	-3.7*	1981-1996	-0.4	1996-2005	-3.4*					-3.4*
All Races	50 and Over	1975-1983	-4.9*	1983-1991	-0.8	1991-2005	-3.3*					-3.3*
White	All Ages	1975-1982	-4.8*	1982-1990	0.4	1990-2005	-2.5*					-2.5*
White	Under 50	1975-1982	-4.0*	1982-1989	2.1	1989-2005	-1.9*					-1.9*
White	50 and Over	1975-1985	-4.6*	1985-1991	0.2	1991-2005	-3.3*					-3.3*
Black	All Ages	1975-2005	-3.7*									-3.7*
Black	Under 50	1975-2005	-3.3*									-3.3*
Black	50 and Over	1975-2005	-4.0*									-4.0*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1982	-4.4*	1982-1995	-1.6*	1995-2005	-3.4*					-3.4*
All Races	Under 50	1975-1982	-3.5*	1982-1994	-0.4	1994-2005	-3.1*					-3.1*
All Races	50 and Over	1975-1984	-4.3*	1984-1994	-1.8*	1994-2005	-3.4*					-3.4*
White	All Ages	1975-1983	-4.2*	1983-1996	-1.3*	1996-2005	-3.2*					-3.2*
White	Under 50	1975-1980	-4.1*	1980-1996	-0.3	1996-2005	-3.0*					-3.0*
White	50 and Over	1975-1984	-4.7*	1984-1994	-1.7*	1994-2005	-3.1*					-3.1*
Black	All Ages	1975-1981	-4.8*	1981-1992	-2.3*	1992-2005	-4.5*					-4.5*
Black	Under 50	1975-2005	-3.3*									-3.3*
Black	50 and Over	1975-1993	-3.0*	1993-2005	-4.4*							-4.4*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Cervix Uteri Cancer, by Race

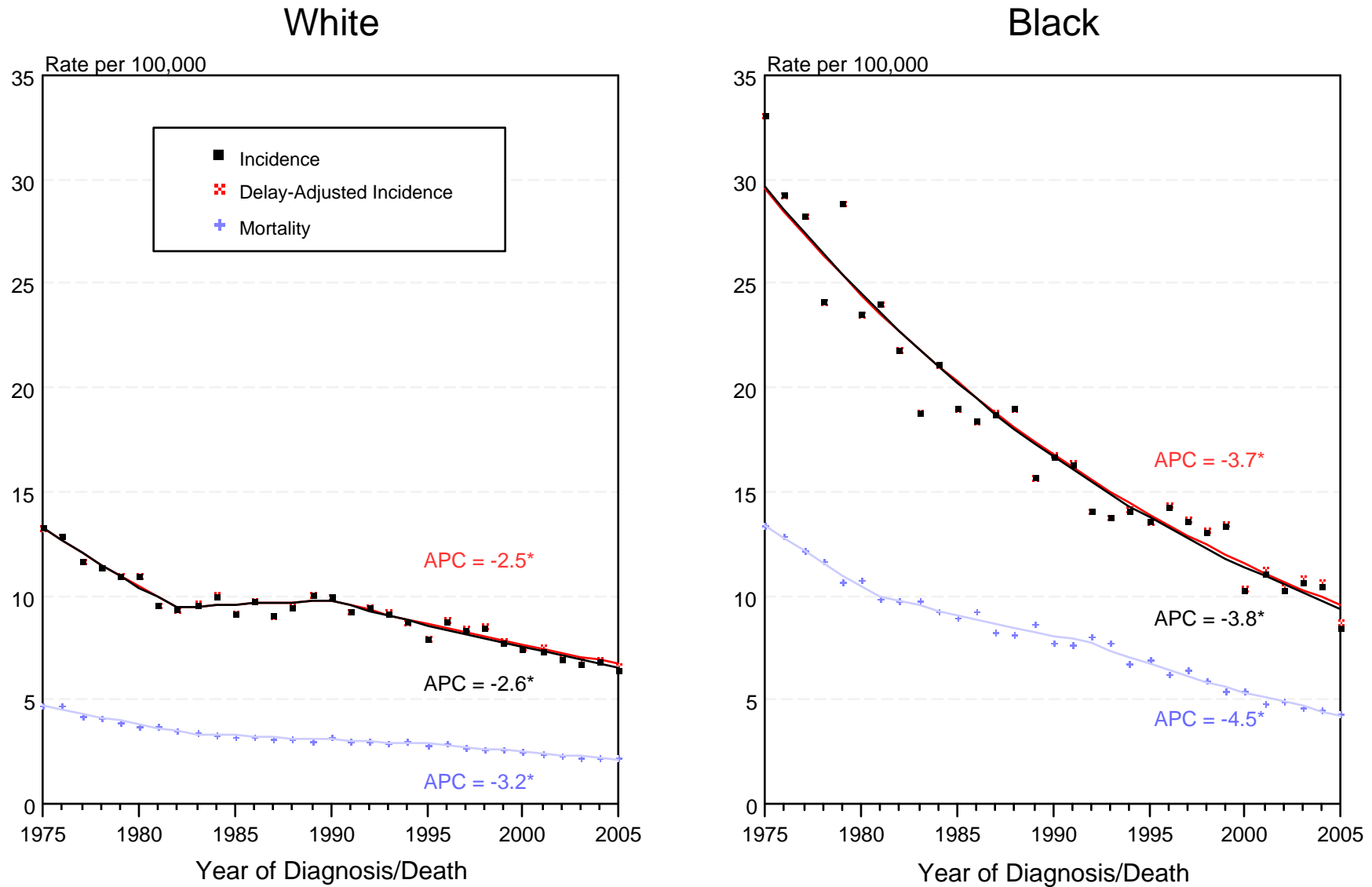


Figure V-1

- <sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Cervix Uteri Cancer, by Age and Race

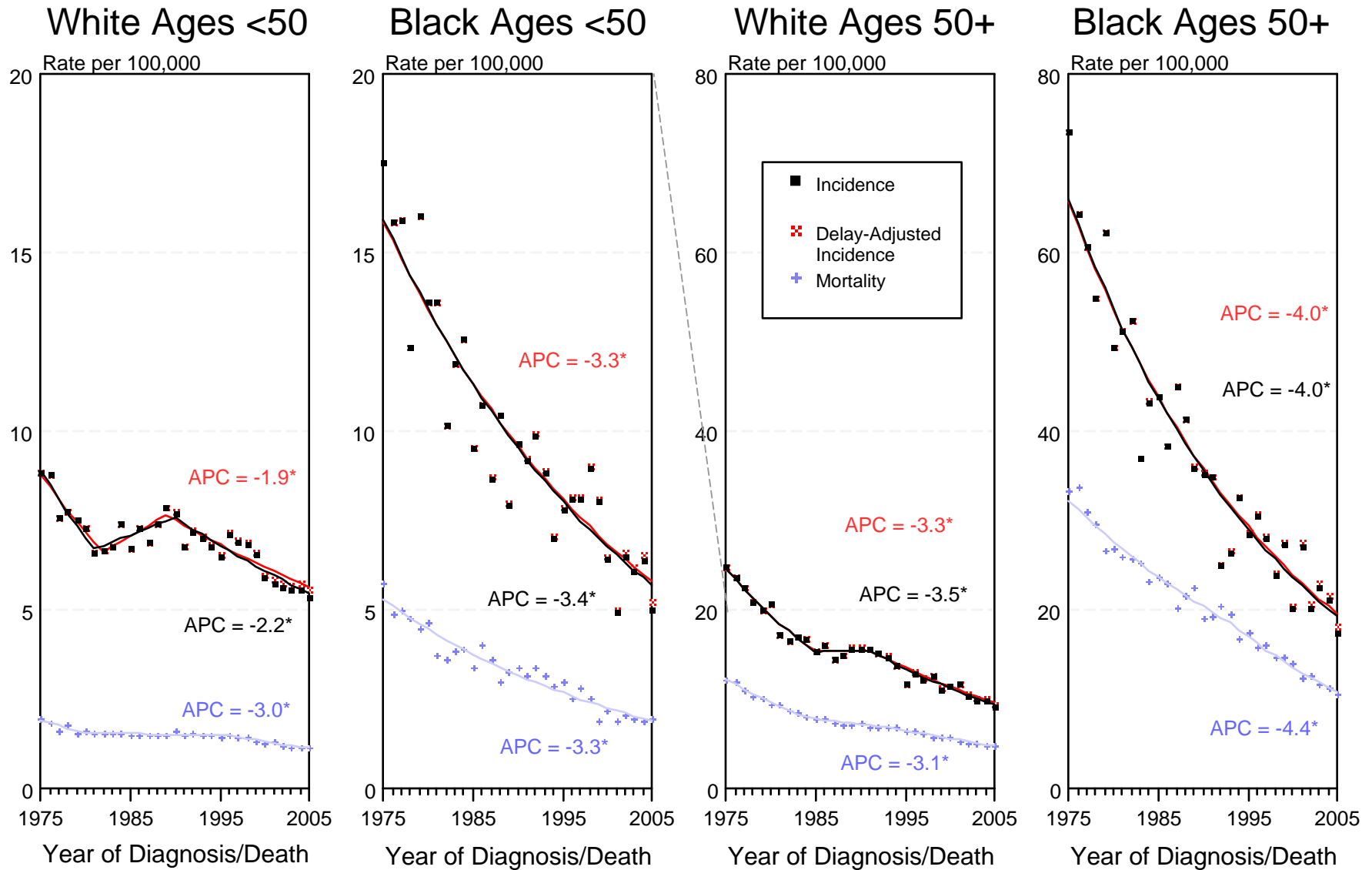


Figure V-2

- <sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.5	1998-2005	-2.6*	-1.7*	-2.6*
All Races	Male	1975-1986	1.1*	1986-1995	-2.2*	1995-1998	1.3	1998-2005	-3.0*	-2.0*	-3.0*
All Races	Female	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.9	1998-2005	-2.4*	-1.4*	-2.4*
White	Both Sexes	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.7	1998-2005	-2.7*	-1.8*	-2.7*
White	Male	1975-1986	1.1*	1986-1995	-2.3*	1995-1998	1.3	1998-2005	-3.1*	-2.1*	-3.1*
White	Female	1975-1985	0.3	1985-1995	-2.1*	1995-1998	2.2	1998-2005	-2.6*	-1.6*	-2.6*
Black	Both Sexes	1975-1980	3.3*	1980-2003	-0.2	2003-2005	-5.6			-1.4	-2.9
Black	Male	1975-1989	1.4*	1989-2005	-0.8*					-0.8*	-0.8*
Black	Female	1975-1980	2.7	1980-2005	-0.4*					-0.4*	-0.4*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.5	1998-2005	-2.4*	-1.5*	-2.4*
All Races	Male	1975-1986	1.1*	1986-1995	-2.1*	1995-1998	1.2	1998-2005	-2.8*	-1.9*	-2.8*
All Races	Female	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.9	1998-2005	-2.2*	-1.3*	-2.2*
White	Both Sexes	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.6	1998-2005	-2.6*	-1.6*	-2.6*
White	Male	1975-1986	1.1*	1986-1995	-2.3*	1995-1998	1.3	1998-2005	-2.9*	-2.0*	-2.9*
White	Female	1975-1985	0.3	1985-1995	-2.0*	1995-1998	2.2	1998-2005	-2.4*	-1.4*	-2.4*
Black	Both Sexes	1975-1980	3.6*	1980-2005	-0.3*					-0.3*	-0.3*
Black	Male	1975-1989	1.3*	1989-2005	-0.7*					-0.7*	-0.7*
Black	Female	1975-1980	2.6	1980-2005	-0.3*					-0.3*	-0.3*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1978	0.2	1978-1985	-0.8*	1985-2002	-1.8*	2002-2005	-4.4*	-2.6*	-3.7*
All Races	Male	1975-1984	-0.1	1984-1990	-1.4*	1990-2002	-2.0*	2002-2005	-4.3*	-2.8*	-3.7*
All Races	Female	1975-1984	-1.0*	1984-2002	-1.8*	2002-2005	-4.3*			-2.7*	-3.7*
White	Both Sexes	1975-1978	0.1	1978-1985	-1.0*	1985-2002	-1.9*	2002-2005	-4.4*	-2.7*	-3.8*
White	Male	1975-1979	0.5	1979-1987	-0.8*	1987-2002	-2.1*	2002-2005	-4.5*	-2.9*	-3.9*
White	Female	1975-1984	-1.2*	1984-2002	-2.0*	2002-2005	-4.3*			-2.8*	-3.8*
Black	Both Sexes	1975-1990	0.7*	1990-2001	-0.8*	2001-2005	-3.0*			-1.8*	-3.0*
Black	Male	1975-1990	1.2*	1990-2000	-0.6*	2000-2005	-2.5*			-1.7*	-2.5*
Black	Female	1975-1985	0.8*	1985-2001	-0.7*	2001-2005	-3.5*			-2.0*	-3.5*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table VI-1a  
COLON AND RECTUM CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.1	1998-2002	-1.9*	2002-2005	-3.7*	-3.3*
All Races	Male	1975-1985	1.1*	1985-1991	-1.2*	1991-1995	-3.2*	1995-1998	2.0	1998-2005	-3.0*	-3.0*
All Races	Female	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.9	1998-2005	-2.4*			-2.4*
White	Both Sexes	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.7	1998-2005	-2.7*			-2.7*
White	Male	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.3*	1995-1998	2.0	1998-2005	-3.1*	-3.1*
White	Female	1975-1985	0.3	1985-1995	-2.1*	1995-1998	2.2	1998-2005	-2.6*			-2.6*
Black	Both Sexes	1975-1980	3.3*	1980-2003	-0.2	2003-2005	-5.6					-2.9
Black	Male	1975-1989	1.4*	1989-2005	-0.8*							-0.8*
Black	Female	1975-1980	2.7	1980-2005	-0.4*							-0.4*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.5	1998-2005	-2.4*			-2.4*
All Races	Male	1975-1985	1.1*	1985-1991	-1.2*	1991-1995	-3.1*	1995-1998	1.9	1998-2005	-2.8*	-2.8*
All Races	Female	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.9	1998-2005	-2.2*			-2.2*
White	Both Sexes	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.6	1998-2005	-2.6*			-2.6*
White	Male	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.2*	1995-1998	1.9	1998-2005	-3.0*	-3.0*
White	Female	1975-1985	0.3	1985-1995	-2.0*	1995-1998	2.2	1998-2005	-2.4*			-2.4*
Black	Both Sexes	1975-1980	3.6*	1980-2005	-0.3*							-0.3*
Black	Male	1975-1989	1.3*	1989-2005	-0.7*							-0.7*
Black	Female	1975-2005	-0.2									-0.2
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1984	-0.5*	1984-2002	-1.8*	2002-2005	-4.4*					-3.7*
All Races	Male	1975-1978	0.8	1978-1984	-0.4	1984-1990	-1.3*	1990-2002	-2.0*	2002-2005	-4.3*	-3.7*
All Races	Female	1975-1984	-1.0*	1984-2002	-1.8*	2002-2005	-4.3*					-3.7*
White	Both Sexes	1975-1978	0.1	1978-1985	-1.0*	1985-2002	-1.9*	2002-2005	-4.4*			-3.8*
White	Male	1975-1979	0.5	1979-1987	-0.8*	1987-2002	-2.1*	2002-2005	-4.5*			-3.9*
White	Female	1975-1984	-1.2*	1984-2002	-2.0*	2002-2005	-4.3*					-3.8*
Black	Both Sexes	1975-1990	0.7*	1990-2001	-0.8*	2001-2005	-3.0*					-3.0*
Black	Male	1975-1990	1.2*	1990-2000	-0.6*	2000-2005	-2.5*					-2.5*
Black	Female	1975-1985	0.8*	1985-2001	-0.7*	2001-2005	-3.5*					-3.5*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Colon and Rectum Cancer, by Race and Sex

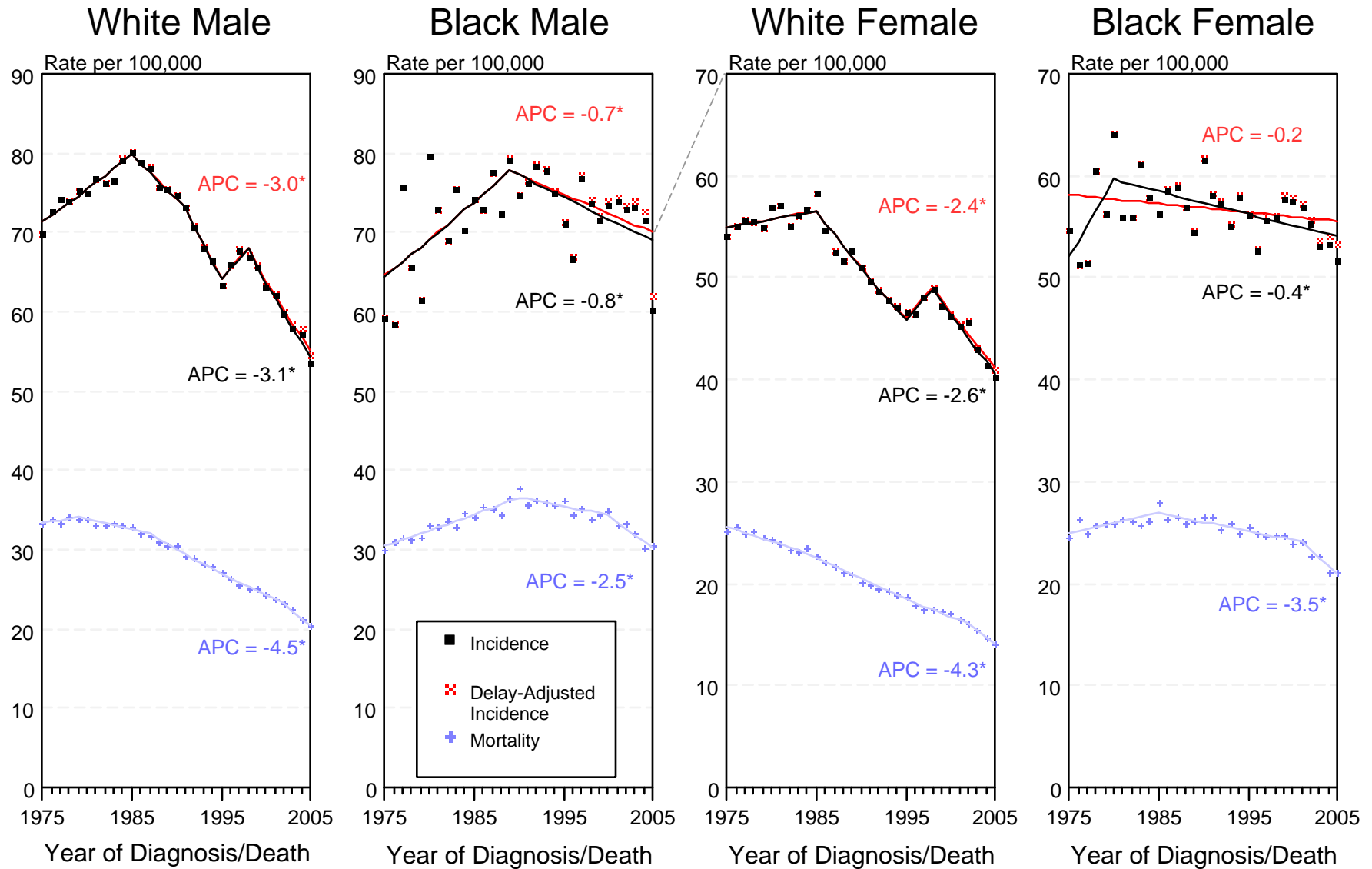


Figure VI-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.6*	-0.5*	-0.6*
All Races	Under 50	1975-1985	-3.3*	1985-2005	0.7*					0.7*	0.7*
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.9*	-0.8*	-0.9*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.6*	1998-2005	-1.0*	-0.7*	-1.0*
White	Under 50	1975-1984	-3.6*	1984-2005	0.3					0.3	0.3
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.7*	1998-2005	-1.3*	-0.9*	-1.3*
Black	All Ages	1975-1993	-0.4	1993-2005	2.0*					2.0*	2.0*
Black	Under 50	1975-1986	-4.8*	1986-2005	3.0*					3.0*	3.0*
Black	50 and Over	1975-1999	0.0	1999-2005	3.3*					2.2*	3.3*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.5*	-0.4*	-0.5*
All Races	Under 50	1975-1985	-3.4*	1985-2005	0.8*					0.8*	0.8*
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.8*	-0.7*	-0.8*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.6*	1998-2005	-0.9*	-0.6*	-0.9*
White	Under 50	1975-1984	-3.6*	1984-2005	0.4					0.4	0.4
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.7*	1998-2005	-1.2*	-0.8*	-1.2*
Black	All Ages	1975-1997	-0.1	1997-2005	3.1*					2.8*	3.1*
Black	Under 50	1975-1986	-4.8*	1986-2005	3.1*					3.1*	3.1*
Black	50 and Over	1975-1999	0.1	1999-2005	3.6*					2.4*	3.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1991	-1.6*	1991-2005	-0.1					-0.1	-0.1
All Races	Under 50	1975-1988	-4.1*	1988-2005	0.7*					0.7*	0.7*
All Races	50 and Over	1975-1992	-1.4*	1992-2005	-0.1					-0.1	-0.1
White	All Ages	1975-1991	-1.7*	1991-2005	-0.2					-0.2	-0.2
White	Under 50	1975-1988	-3.8*	1988-2005	0.8*					0.8*	0.8*
White	50 and Over	1975-1991	-1.6*	1991-2005	-0.3*					-0.3*	-0.3*
Black	All Ages	1975-1995	-0.8*	1995-2005	0.3					0.3	0.3
Black	Under 50	1975-1995	-4.6*	1995-2005	3.2*					3.2*	3.2*
Black	50 and Over	1975-2005	-0.4*							-0.4*	-0.4*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table VII-1a  
CORPUS AND UTERUS, NOS CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.6*			-0.6*
All Races	Under 50	1975-1985	-3.3*	1985-2005	0.7*							0.7*
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.9*			-0.9*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.6*	1998-2005	-1.0*			-1.0*
White	Under 50	1975-1984	-3.6*	1984-2005	0.3							0.3
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.7*	1998-2005	-1.3*			-1.3*
Black	All Ages	1975-1993	-0.4	1993-2005	2.0*							2.0*
Black	Under 50	1975-1986	-4.8*	1986-2005	3.0*							3.0*
Black	50 and Over	1975-1999	0.0	1999-2005	3.3*							3.3*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.5*			-0.5*
All Races	Under 50	1975-1985	-3.4*	1985-2005	0.8*							0.8*
All Races	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.7*	1997-2005	-0.8*			-0.8*
White	All Ages	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.6*	1998-2005	-0.9*			-0.9*
White	Under 50	1975-1984	-3.6*	1984-2005	0.4							0.4
White	50 and Over	1975-1979	-6.2*	1979-1988	-1.7*	1988-1998	0.7*	1998-2005	-1.2*			-1.2*
Black	All Ages	1975-1997	-0.1	1997-2005	3.1*							3.1*
Black	Under 50	1975-1986	-4.8*	1986-2005	3.1*							3.1*
Black	50 and Over	1975-1999	0.1	1999-2005	3.6*							3.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1991	-1.6*	1991-2005	-0.1							-0.1
All Races	Under 50	1975-1988	-4.1*	1988-2005	0.7*							0.7*
All Races	50 and Over	1975-1992	-1.4*	1992-2005	-0.1							-0.1
White	All Ages	1975-1991	-1.7*	1991-2005	-0.2							-0.2
White	Under 50	1975-1988	-3.8*	1988-2005	0.8*							0.8*
White	50 and Over	1975-1991	-1.6*	1991-2005	-0.3*							-0.3*
Black	All Ages	1975-1995	-0.8*	1995-2005	0.3							0.3
Black	Under 50	1975-1995	-4.6*	1995-2005	3.2*							3.2*
Black	50 and Over	1975-2005	-0.4*									-0.4*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Corpus and Uterus, NOS Cancer, by Race

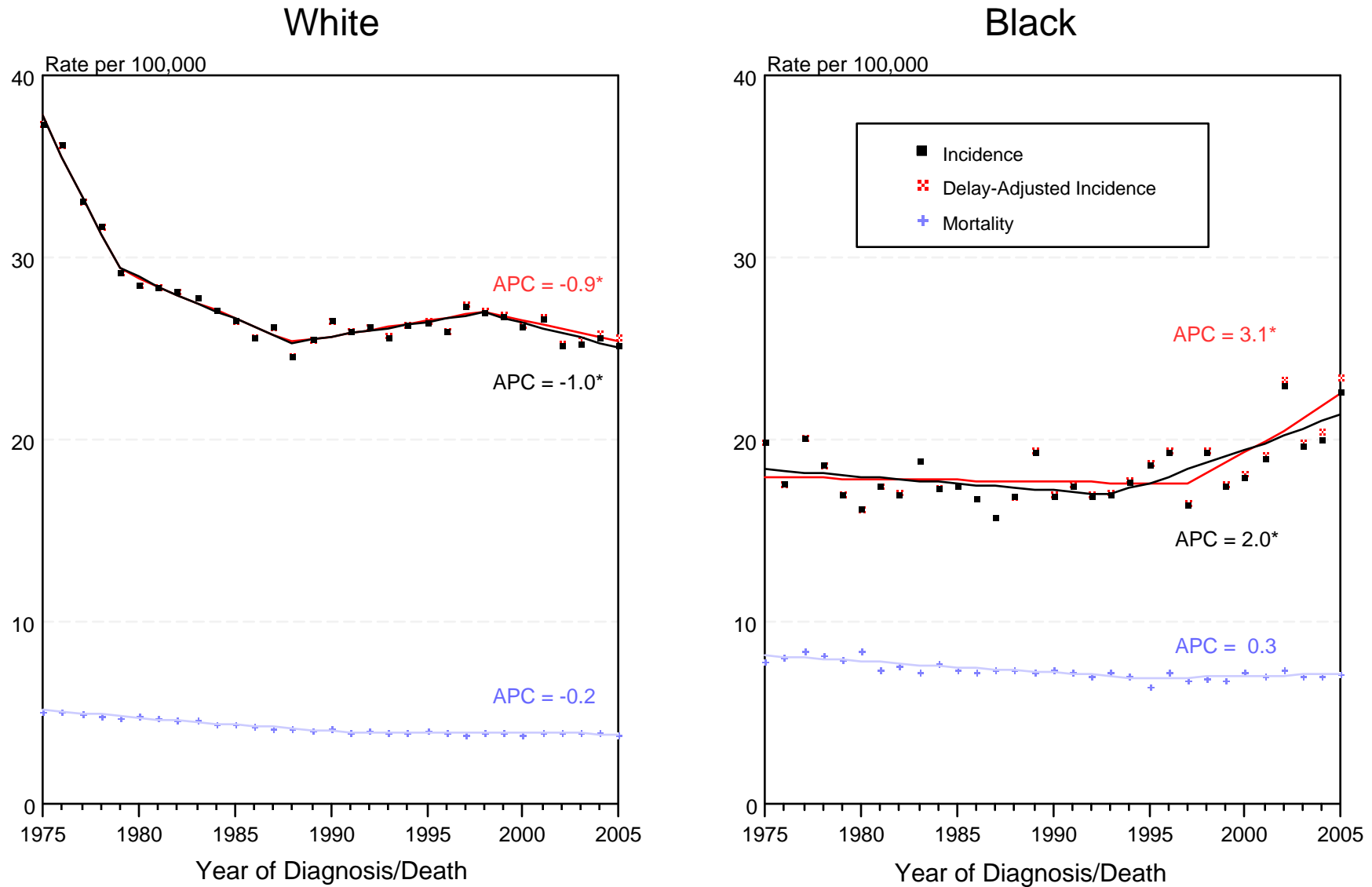


Figure VII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Corpus and Uterus, NOS Cancer, by Age and Race

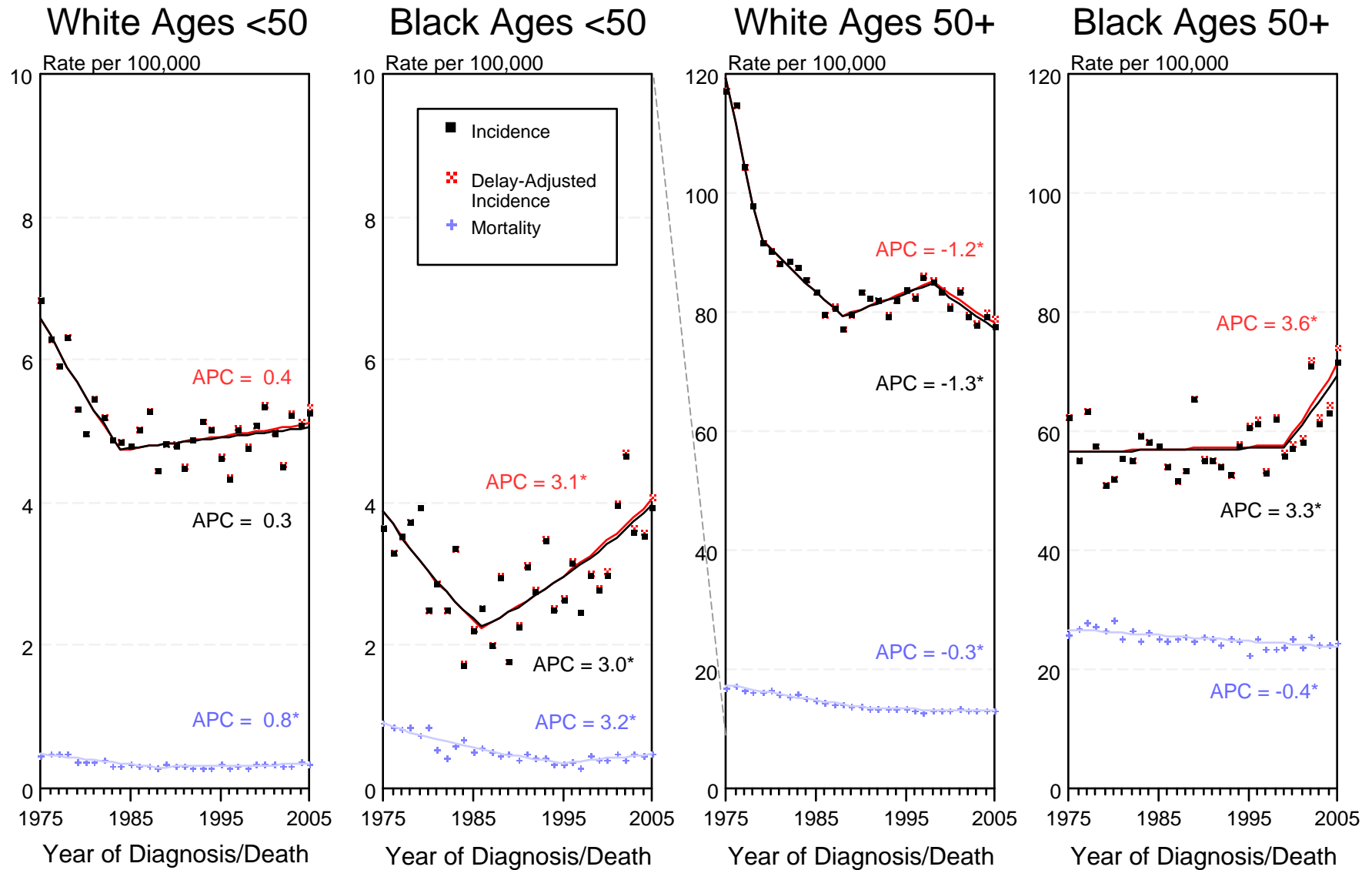


Figure VII-2

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	0.5*							0.5*	0.5*
All Races	Male	1975-2005	0.7*							0.7*	0.7*
All Races	Female	1975-2005	-0.3*							-0.3*	-0.3*
White	Both Sexes	1975-2005	1.4*							1.4*	1.4*
White	Male	1975-2005	1.7*							1.7*	1.7*
White	Female	1975-2005	0.1							0.1	0.1
Black	Both Sexes	1975-1986	1.1	1986-2005	-4.5*					-4.5*	-4.5*
Black	Male	1975-1986	1.2	1986-2005	-5.0*					-5.0*	-5.0*
Black	Female	1975-1980	10.1	1980-2005	-2.6*					-2.6*	-2.6*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	0.5*							0.5*	0.5*
All Races	Male	1975-2005	0.7*							0.7*	0.7*
All Races	Female	1975-2005	-0.3*							-0.3*	-0.3*
White	Both Sexes	1975-2005	1.4*							1.4*	1.4*
White	Male	1975-2005	1.7*							1.7*	1.7*
White	Female	1975-2005	0.1							0.1	0.1
Black	Both Sexes	1975-1986	1.1	1986-2005	-4.5*					-4.5*	-4.5*
Black	Male	1975-1986	1.2	1986-2005	-4.9*					-4.9*	-4.9*
Black	Female	1975-1980	10.0	1980-2005	-2.6*					-2.6*	-2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-2000	0.7*	2000-2005	0.0					0.3*	0.0
All Races	Male	1975-1985	0.7*	1985-1994	1.2*	1994-2005	0.4*			0.4*	0.4*
All Races	Female	1975-2000	0.1	2000-2005	-1.5*					-0.8*	-1.5*
White	Both Sexes	1975-1983	0.4*	1983-2000	1.7*	2000-2005	0.8*			1.2*	0.8*
White	Male	1975-1982	0.3	1982-1999	1.9*	1999-2005	1.0*			1.3*	1.0*
White	Female	1975-2001	0.4*	2001-2005	-0.8					-0.1	-0.8
Black	Both Sexes	1975-1982	1.1*	1982-1993	-1.6*	1993-2005	-4.5*			-4.5*	-4.5*
Black	Male	1975-1984	0.8	1984-1993	-1.9*	1993-2005	-4.7*			-4.7*	-4.7*
Black	Female	1975-1990	0.0	1990-2005	-3.3*					-3.3*	-3.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

Table VIII-1a  
ESOPHAGUS CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	0.5*									0.5*
All Races	Male	1975-2005	0.7*									0.7*
All Races	Female	1975-2005	-0.3*									-0.3*
White	Both Sexes	1975-2005	1.4*									1.4*
White	Male	1975-2005	1.7*									1.7*
White	Female	1975-2005	0.1									0.1
Black	Both Sexes	1975-1986	1.1	1986-2005	-4.5*							-4.5*
Black	Male	1975-1986	1.2	1986-2005	-5.0*							-5.0*
Black	Female	1975-1980	10.1	1980-2005	-2.6*							-2.6*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	0.5*									0.5*
All Races	Male	1975-2005	0.7*									0.7*
All Races	Female	1975-2005	-0.3*									-0.3*
White	Both Sexes	1975-2005	1.4*									1.4*
White	Male	1975-2005	1.7*									1.7*
White	Female	1975-2005	0.1									0.1
Black	Both Sexes	1975-1986	1.1	1986-2005	-4.5*							-4.5*
Black	Male	1975-1986	1.2	1986-2005	-4.9*							-4.9*
Black	Female	1975-1980	10.0	1980-2005	-2.6*							-2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-2000	0.7*	2000-2005	0.0							0.0
All Races	Male	1975-1985	0.7*	1985-1994	1.2*	1994-2005	0.4*					0.4*
All Races	Female	1975-2000	0.1	2000-2005	-1.5*							-1.5*
White	Both Sexes	1975-1983	0.4*	1983-2000	1.7*	2000-2005	0.8*					0.8*
White	Male	1975-1982	0.3	1982-1999	1.9*	1999-2005	1.0*					1.0*
White	Female	1975-2005	0.4*									0.4*
Black	Both Sexes	1975-1982	1.1*	1982-1993	-1.6*	1993-2005	-4.5*					-4.5*
Black	Male	1975-1984	0.8	1984-1993	-1.9*	1993-2005	-4.7*					-4.7*
Black	Female	1975-1990	0.0	1990-2005	-3.3*							-3.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Esophagus Cancer, by Race and Sex

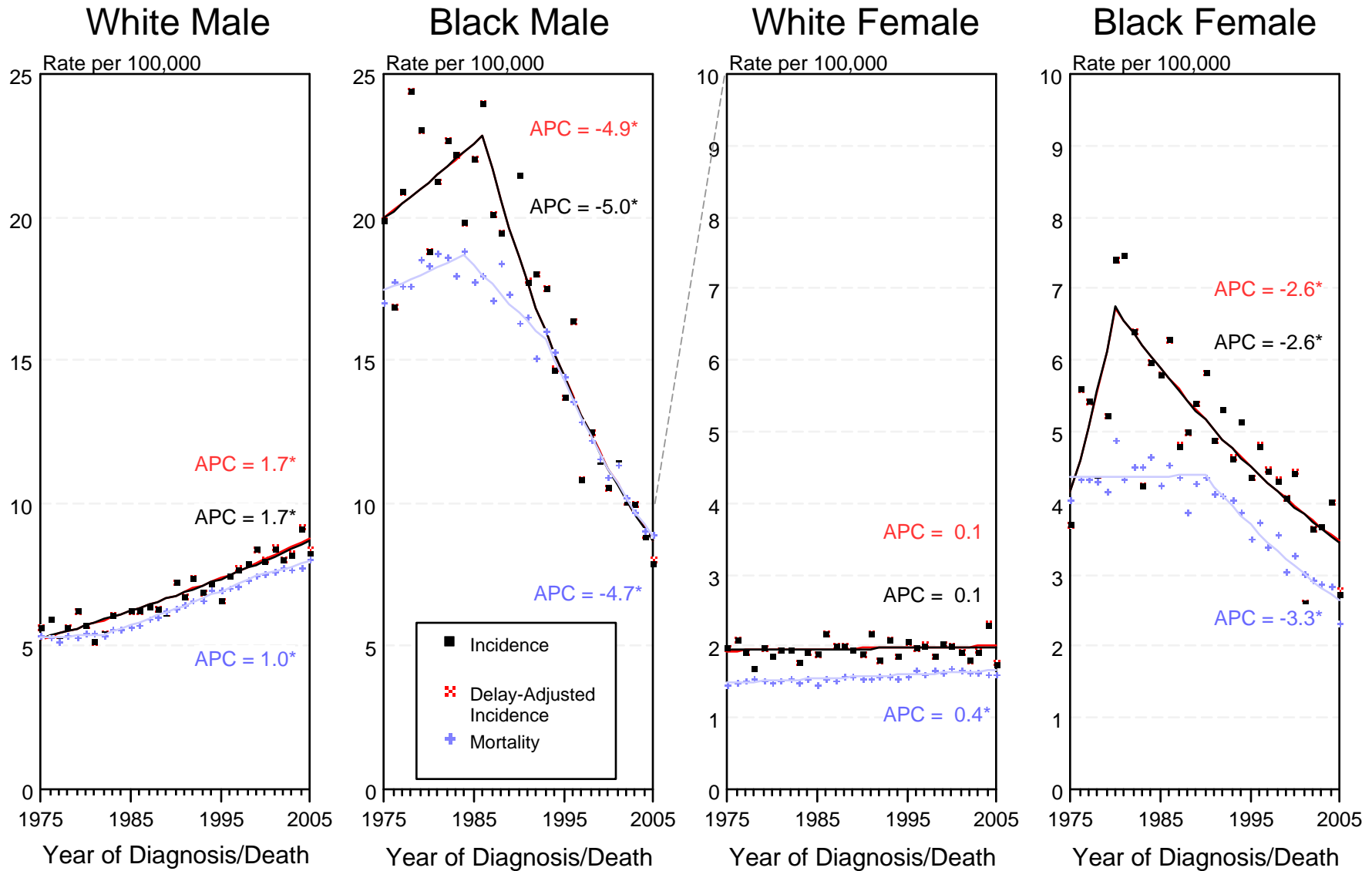


Figure VIII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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 LYMPHOMATRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	-0.2*							-0.2*	-0.2*
All Races	Male	1975-2005	-0.6*							-0.6*	-0.6*
All Races	Female	1975-2005	0.4*							0.4*	0.4*
White	Both Sexes	1975-2005	-0.2							-0.2	-0.2
White	Male	1975-2005	-0.6*							-0.6*	-0.6*
White	Female	1975-2005	0.3*							0.3*	0.3*
Black	Both Sexes	1975-2005	1.0*							1.0*	1.0*
Black	Male	1975-2005	0.0							0.0	0.0
Black	Female	1975-2005	2.5*							2.5*	2.5*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	-0.1							-0.1	-0.1
All Races	Male	1975-2005	-0.6*							-0.6*	-0.6*
All Races	Female	1975-2005	0.4*							0.4*	0.4*
White	Both Sexes	1975-2005	-0.1							-0.1	-0.1
White	Male	1975-2005	-0.5*							-0.5*	-0.5*
White	Female	1975-2005	0.4*							0.4*	0.4*
Black	Both Sexes	1975-2005	1.1*							1.1*	1.1*
Black	Male	1975-2005	0.0							0.0	0.0
Black	Female	1975-2005	2.6*							2.6*	2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1979	-6.5*	1979-1998	-3.5*	1998-2005	-2.2*			-2.5*	-2.2*
All Races	Male	1975-1979	-6.5*	1979-2005	-3.6*					-3.6*	-3.6*
All Races	Female	1975-1985	-4.9*	1985-2005	-2.6*					-2.6*	-2.6*
White	Both Sexes	1975-1979	-6.8*	1979-2005	-3.3*					-3.3*	-3.3*
White	Male	1975-1996	-4.1*	1996-2005	-2.5*					-2.5*	-2.5*
White	Female	1975-1985	-5.0*	1985-2005	-2.5*					-2.5*	-2.5*
Black	Both Sexes	1975-1978	-9.8*	1978-1997	-2.2*	1997-2000	-10.3	2000-2005	1.8	-2.8	1.8
Black	Male	1975-2005	-3.3*							-3.3*	-3.3*
Black	Female	1975-2005	-2.5*							-2.5*	-2.5*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero (p<.05).

a  
b  
c  
\*



Table IX-1a  
HODGKIN LYMPHOMATRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		Jointpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	-0.2*									-0.2*
All Races	Male	1975-2005	-0.6*									-0.6*
All Races	Female	1975-2005	0.4*									0.4*
White	Both Sexes	1975-2005	-0.2									-0.2
White	Male	1975-2005	-0.6*									-0.6*
White	Female	1975-2005	0.3*									0.3*
Black	Both Sexes	1975-2005	1.0*									1.0*
Black	Male	1975-2005	0.0									0.0
Black	Female	1975-2005	2.5*									2.5*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	-0.1									-0.1
All Races	Male	1975-2005	-0.6*									-0.6*
All Races	Female	1975-2005	0.4*									0.4*
White	Both Sexes	1975-2005	-0.1									-0.1
White	Male	1975-2005	-0.5*									-0.5*
White	Female	1975-2005	0.4*									0.4*
Black	Both Sexes	1975-2005	1.1*									1.1*
Black	Male	1975-2005	0.0									0.0
Black	Female	1975-2005	2.6*									2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1979	-6.9*	1979-2005	-3.3*							-3.3*
All Races	Male	1975-1979	-6.5*	1979-2005	-3.6*							-3.6*
All Races	Female	1975-1985	-4.9*	1985-2005	-2.6*							-2.6*
White	Both Sexes	1975-1979	-6.8*	1979-2005	-3.3*							-3.3*
White	Male	1975-1996	-4.1*	1996-2005	-2.5*							-2.5*
White	Female	1975-1985	-5.0*	1985-2005	-2.5*							-2.5*
Black	Both Sexes	1975-1978	-9.8*	1978-1997	-2.2*	1997-2000	-10.3	2000-2005	1.8			1.8
Black	Male	1975-2005	-3.3*									-3.3*
Black	Female	1975-2005	-2.5*									-2.5*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Hodgkin Lymphoma, by Race and Sex

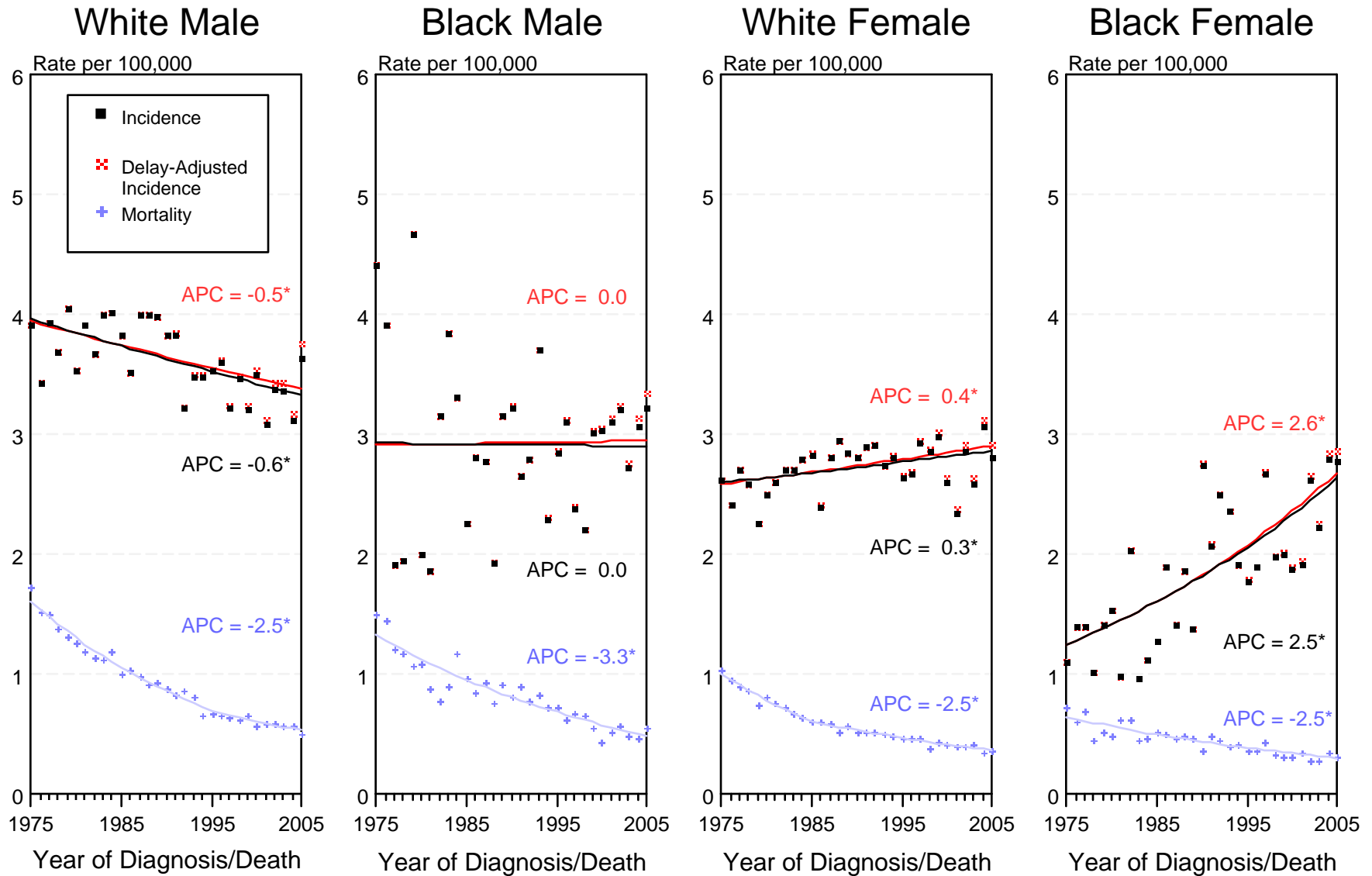


Figure IX-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	2.0*							2.0*	2.0*
All Races	Male	1975-2005	1.7*							1.7*	1.7*
All Races	Female	1975-2005	2.2*							2.2*	2.2*
White	Both Sexes	1975-2005	1.9*							1.9*	1.9*
White	Male	1975-2005	1.6*							1.6*	1.6*
White	Female	1975-2005	2.2*							2.2*	2.2*
Black	Both Sexes	1975-2005	2.7*							2.7*	2.7*
Black	Male	1975-2005	2.8*							2.8*	2.8*
Black	Female	1975-2005	2.8*							2.8*	2.8*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	2.0*							2.0*	2.0*
All Races	Male	1975-2005	1.8*							1.8*	1.8*
All Races	Female	1975-2005	2.3*							2.3*	2.3*
White	Both Sexes	1975-1991	2.4*	1991-1997	0.7	1997-2005	2.9*			2.6*	2.9*
White	Male	1975-2005	1.7*							1.7*	1.7*
White	Female	1975-2005	2.3*							2.3*	2.3*
Black	Both Sexes	1975-2005	2.8*							2.8*	2.8*
Black	Male	1975-2005	2.9*							2.9*	2.9*
Black	Female	1975-2005	2.9*							2.9*	2.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1992	1.1*	1992-2005	-0.3*					-0.3*	-0.3*
All Races	Male	1975-1992	1.1*	1992-2005	-0.3*					-0.3*	-0.3*
All Races	Female	1975-1992	1.3*	1992-2005	-0.5*					-0.5*	-0.5*
White	Both Sexes	1975-1992	1.1*	1992-2005	-0.2					-0.2	-0.2
White	Male	1975-1992	1.0*	1992-2005	-0.2*					-0.2*	-0.2*
White	Female	1975-1992	1.2*	1992-2005	-0.4*					-0.4*	-0.4*
Black	Both Sexes	1975-1991	2.7*	1991-2005	-0.3					-0.3	-0.3
Black	Male	1975-1990	3.1*	1990-2005	-0.2					-0.2	-0.2
Black	Female	1975-1995	2.3*	1995-2005	-1.1*					-1.1*	-1.1*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
 b  
 c  
 \*

Table XI-1a  
 KIDNEY AND RENAL PELVIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		Jointpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	2.0*									2.0*
All Races	Male	1975-2005	1.7*									1.7*
All Races	Female	1975-2005	2.2*									2.2*
White	Both Sexes	1975-2005	1.9*									1.9*
White	Male	1975-2005	1.6*									1.6*
White	Female	1975-2005	2.2*									2.2*
Black	Both Sexes	1975-2005	2.7*									2.7*
Black	Male	1975-2005	2.8*									2.8*
Black	Female	1975-2005	2.8*									2.8*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	2.0*									2.0*
All Races	Male	1975-2005	1.8*									1.8*
All Races	Female	1975-2005	2.3*									2.3*
White	Both Sexes	1975-1991	2.4*	1991-1997	0.7	1997-2005	2.9*					2.9*
White	Male	1975-2005	1.7*									1.7*
White	Female	1975-2005	2.3*									2.3*
Black	Both Sexes	1975-2005	2.8*									2.8*
Black	Male	1975-2005	2.9*									2.9*
Black	Female	1975-2005	2.9*									2.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1992	1.1*	1992-2005	-0.3*							-0.3*
All Races	Male	1975-1992	1.1*	1992-2005	-0.3*							-0.3*
All Races	Female	1975-1992	1.3*	1992-2005	-0.5*							-0.5*
White	Both Sexes	1975-1992	1.1*	1992-2005	-0.2							-0.2
White	Male	1975-1992	1.0*	1992-2005	-0.2*							-0.2*
White	Female	1975-1992	1.2*	1992-2005	-0.4*							-0.4*
Black	Both Sexes	1975-1991	2.7*	1991-2005	-0.3							-0.3
Black	Male	1975-1990	3.1*	1990-2005	-0.2							-0.2
Black	Female	1975-1995	2.3*	1995-2005	-1.1*							-1.1*

Jointpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Kidney and Renal Pelvis Cancer, by Race and Sex

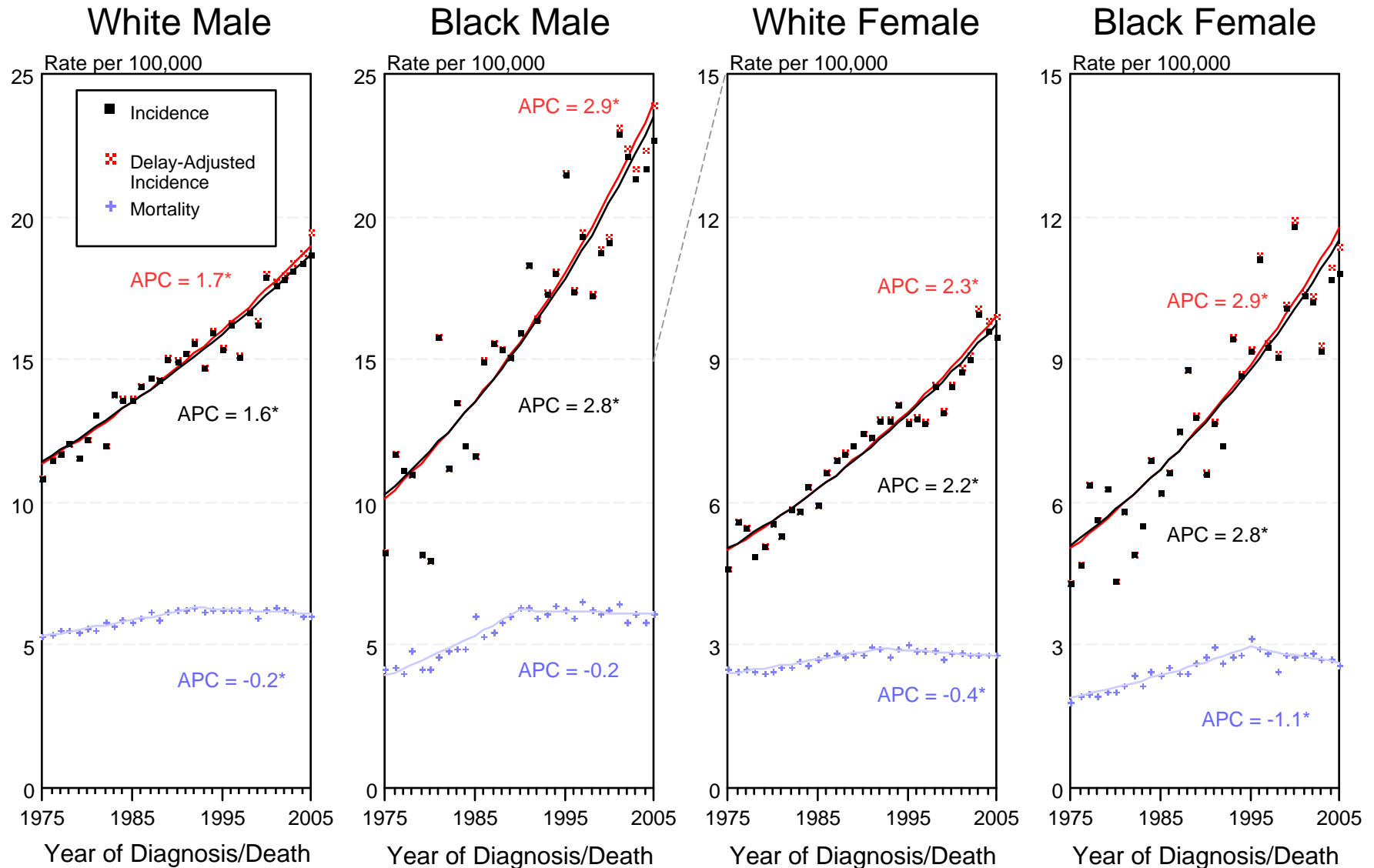


Figure XI-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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 XII-1  
LARYNX CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1988	0.1	1988-2005	-2.6*					-2.6*	-2.6*
All Races	Male	1975-1988	-0.3	1988-2005	-2.8*					-2.8*	-2.8*
All Races	Female	1975-1989	1.8*	1989-2005	-2.5*					-2.5*	-2.5*
White	Both Sexes	1975-1988	0.1	1988-2005	-2.6*					-2.6*	-2.6*
White	Male	1975-1988	-0.3	1988-2005	-2.9*					-2.9*	-2.9*
White	Female	1975-1989	1.6*	1989-2005	-2.3*					-2.3*	-2.3*
Black	Both Sexes	1975-1990	1.2*	1990-2005	-2.9*					-2.9*	-2.9*
Black	Male	1975-1990	0.9	1990-2005	-2.8*					-2.8*	-2.8*
Black	Female	1975-1989	3.8*	1989-2005	-2.8*					-2.8*	-2.8*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1988	0.1	1988-2005	-2.5*					-2.5*	-2.5*
All Races	Male	1975-1988	-0.3	1988-2005	-2.7*					-2.7*	-2.7*
All Races	Female	1975-1989	1.8*	1989-2005	-2.5*					-2.5*	-2.5*
White	Both Sexes	1975-1988	0.1	1988-2005	-2.5*					-2.5*	-2.5*
White	Male	1975-1987	-0.1	1987-2005	-2.7*					-2.7*	-2.7*
White	Female	1975-1989	1.6*	1989-2005	-2.3*					-2.3*	-2.3*
Black	Both Sexes	1975-1990	1.2*	1990-2005	-2.8*					-2.8*	-2.8*
Black	Male	1975-1990	0.9	1990-2005	-2.7*					-2.7*	-2.7*
Black	Female	1975-1989	3.8*	1989-2005	-2.7*					-2.7*	-2.7*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1988	-0.7*	1988-1992	0.8	1992-2005	-2.1*			-2.1*	-2.1*
All Races	Male	1975-1993	-0.8*	1993-2005	-2.3*					-2.3*	-2.3*
All Races	Female	1975-1992	1.5*	1992-2005	-1.9*					-1.9*	-1.9*
White	Both Sexes	1975-1988	-1.0*	1988-1991	1.2	1991-2005	-1.8*			-1.8*	-1.8*
White	Male	1975-1993	-1.1*	1993-2005	-2.1*					-2.1*	-2.1*
White	Female	1975-1992	1.4*	1992-2005	-1.6*					-1.6*	-1.6*
Black	Both Sexes	1975-1993	1.2*	1993-2005	-3.0*					-3.0*	-3.0*
Black	Male	1975-1993	1.3*	1993-2005	-3.0*					-3.0*	-3.0*
Black	Female	1975-1993	2.3*	1993-2005	-3.1*					-3.1*	-3.1*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

Table XII-1a  
LARYNX CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1988	0.1	1988-2005	-2.6*							-2.6*
All Races	Male	1975-1988	-0.3	1988-2005	-2.8*							-2.8*
All Races	Female	1975-1989	1.8*	1989-2005	-2.5*							-2.5*
White	Both Sexes	1975-1988	0.1	1988-2005	-2.6*							-2.6*
White	Male	1975-1988	-0.3	1988-2005	-2.9*							-2.9*
White	Female	1975-1989	1.6*	1989-2005	-2.3*							-2.3*
Black	Both Sexes	1975-1990	1.2*	1990-2005	-2.9*							-2.9*
Black	Male	1975-1990	0.9	1990-2005	-2.8*							-2.8*
Black	Female	1975-1989	3.8*	1989-2005	-2.8*							-2.8*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1988	0.1	1988-2005	-2.5*							-2.5*
All Races	Male	1975-1988	-0.3	1988-2005	-2.7*							-2.7*
All Races	Female	1975-1989	1.8*	1989-2005	-2.5*							-2.5*
White	Both Sexes	1975-1988	0.1	1988-2005	-2.5*							-2.5*
White	Male	1975-1987	-0.1	1987-2005	-2.7*							-2.7*
White	Female	1975-1989	1.6*	1989-2005	-2.3*							-2.3*
Black	Both Sexes	1975-1990	1.2*	1990-2005	-2.8*							-2.8*
Black	Male	1975-1990	0.9	1990-2005	-2.7*							-2.7*
Black	Female	1975-1989	3.8*	1989-2005	-2.7*							-2.7*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1988	-0.7*	1988-1992	0.8	1992-2005	-2.1*					-2.1*
All Races	Male	1975-1993	-0.8*	1993-2005	-2.3*							-2.3*
All Races	Female	1975-1992	1.5*	1992-2005	-1.9*							-1.9*
White	Both Sexes	1975-1988	-1.0*	1988-1991	1.2	1991-2005	-1.8*					-1.8*
White	Male	1975-1993	-1.1*	1993-2005	-2.1*							-2.1*
White	Female	1975-1992	1.4*	1992-2005	-1.6*							-1.6*
Black	Both Sexes	1975-1993	1.2*	1993-2005	-3.0*							-3.0*
Black	Male	1975-1993	1.3*	1993-2005	-3.0*							-3.0*
Black	Female	1975-1993	2.3*	1993-2005	-3.1*							-3.1*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Larynx Cancer, by Race and Sex

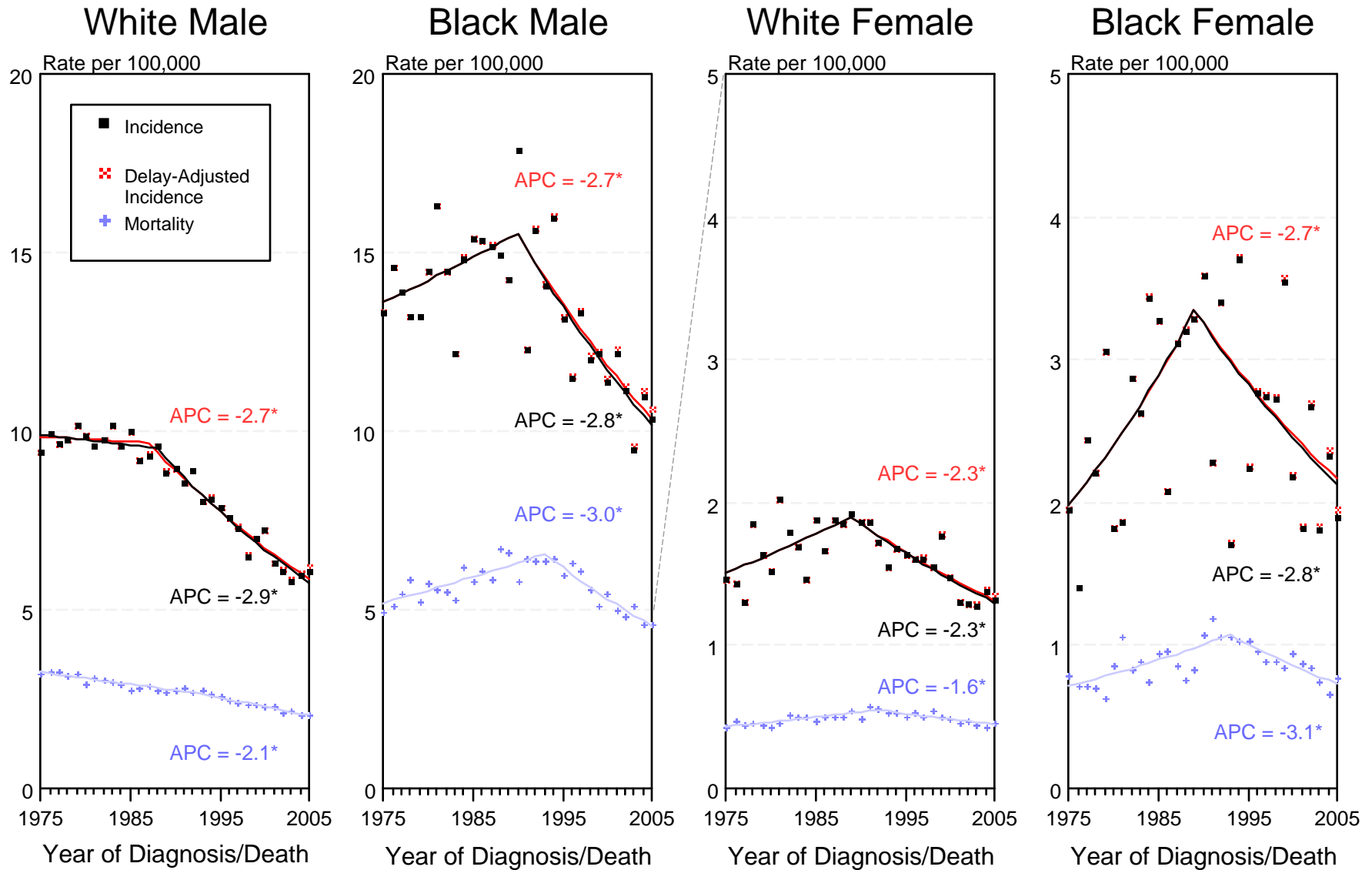


Figure XII-1

- <sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2001	0.1	2001-2005	-1.8*					-0.8*	-1.8*
All Races	Male	1975-2001	0.0	2001-2005	-2.2*					-1.0*	-2.2*
All Races	Female	1975-2005	0.0							0.0	0.0
White	Both Sexes	1975-2001	0.2*	2001-2005	-2.0*					-0.8*	-2.0*
White	Male	1975-2002	0.0	2002-2005	-3.0					-1.0	-2.3
White	Female	1975-2005	0.1							0.1	0.1
Black	Both Sexes	1975-2005	-0.5*							-0.5*	-0.5*
Black	Male	1975-2005	-0.6*							-0.6*	-0.6*
Black	Female	1975-2005	-0.3							-0.3	-0.3
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	0.2*							0.2*	0.2*
All Races	Male	1975-2005	0.1							0.1	0.1
All Races	Female	1975-2005	0.2*							0.2*	0.2*
White	Both Sexes	1975-2005	0.4*							0.4*	0.4*
White	Male	1975-2005	0.2*							0.2*	0.2*
White	Female	1975-2005	0.4*							0.4*	0.4*
Black	Both Sexes	1975-2005	-0.1							-0.1	-0.1
Black	Male	1975-2005	-0.2							-0.2	-0.2
Black	Female	1975-2005	0.1							0.1	0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-2000	-0.3*	2000-2005	-1.5*					-0.9*	-1.5*
All Races	Male	1975-1995	-0.2*	1995-2005	-0.8*					-0.8*	-0.8*
All Races	Female	1975-1980	0.8	1980-2001	-0.4*	2001-2005	-2.2*			-1.2*	-2.2*
White	Both Sexes	1975-2001	-0.3*	2001-2005	-1.5*					-0.8*	-1.5*
White	Male	1975-1996	-0.2*	1996-2005	-0.7*					-0.7*	-0.7*
White	Female	1975-1980	0.6	1980-2001	-0.4*	2001-2005	-2.0*			-1.1*	-2.0*
Black	Both Sexes	1975-1991	0.7*	1991-2005	-1.1*					-1.1*	-1.1*
Black	Male	1975-1991	1.0*	1991-2005	-1.3*					-1.3*	-1.3*
Black	Female	1975-1991	0.5	1991-2005	-0.9*					-0.9*	-0.9*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table XIII-1a

LEUKEMIA

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Jointpoint Trend 1</u>		<u>Jointpoint Trend 2</u>		<u>Jointpoint Trend 3</u>		<u>Jointpoint Trend 4</u>		<u>Jointpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2001	0.1	2001-2005	-1.8*							-1.8*
All Races	Male	1975-2001	0.0	2001-2005	-2.2*							-2.2*
All Races	Female	1975-2005	0.0									0.0
White	Both Sexes	1975-2001	0.2*	2001-2005	-2.0*							-2.0*
White	Male	1975-2002	0.0	2002-2005	-3.0							-2.3
White	Female	1975-2005	0.1									0.1
Black	Both Sexes	1975-2005	-0.5*									-0.5*
Black	Male	1975-2005	-0.6*									-0.6*
Black	Female	1975-2005	-0.3									-0.3
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	0.2*									0.2*
All Races	Male	1975-2005	0.1									0.1
All Races	Female	1975-2005	0.2*									0.2*
White	Both Sexes	1975-2005	0.4*									0.4*
White	Male	1975-2005	0.2*									0.2*
White	Female	1975-2005	0.4*									0.4*
Black	Both Sexes	1975-2005	-0.1									-0.1
Black	Male	1975-2005	-0.2									-0.2
Black	Female	1975-2005	0.1									0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1980	0.6	1980-1988	-0.6*	1988-1991	0.7	1991-2001	-0.5*	2001-2005	-1.4*	-1.4*
All Races	Male	1975-1995	-0.2*	1995-2005	-0.8*							-0.8*
All Races	Female	1975-1980	0.8	1980-2001	-0.4*	2001-2005	-2.2*					-2.2*
White	Both Sexes	1975-1980	0.5	1980-1988	-0.7*	1988-1991	0.7	1991-2001	-0.4*	2001-2005	-1.3*	-1.3*
White	Male	1975-1996	-0.2*	1996-2005	-0.7*							-0.7*
White	Female	1975-2000	-0.3*	2000-2005	-1.8*							-1.8*
Black	Both Sexes	1975-1991	0.7*	1991-2005	-1.1*							-1.1*
Black	Male	1975-1991	1.0*	1991-2005	-1.3*							-1.3*
Black	Female	1975-1991	0.5	1991-2005	-0.9*							-0.9*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Leukemia, by Race and Sex

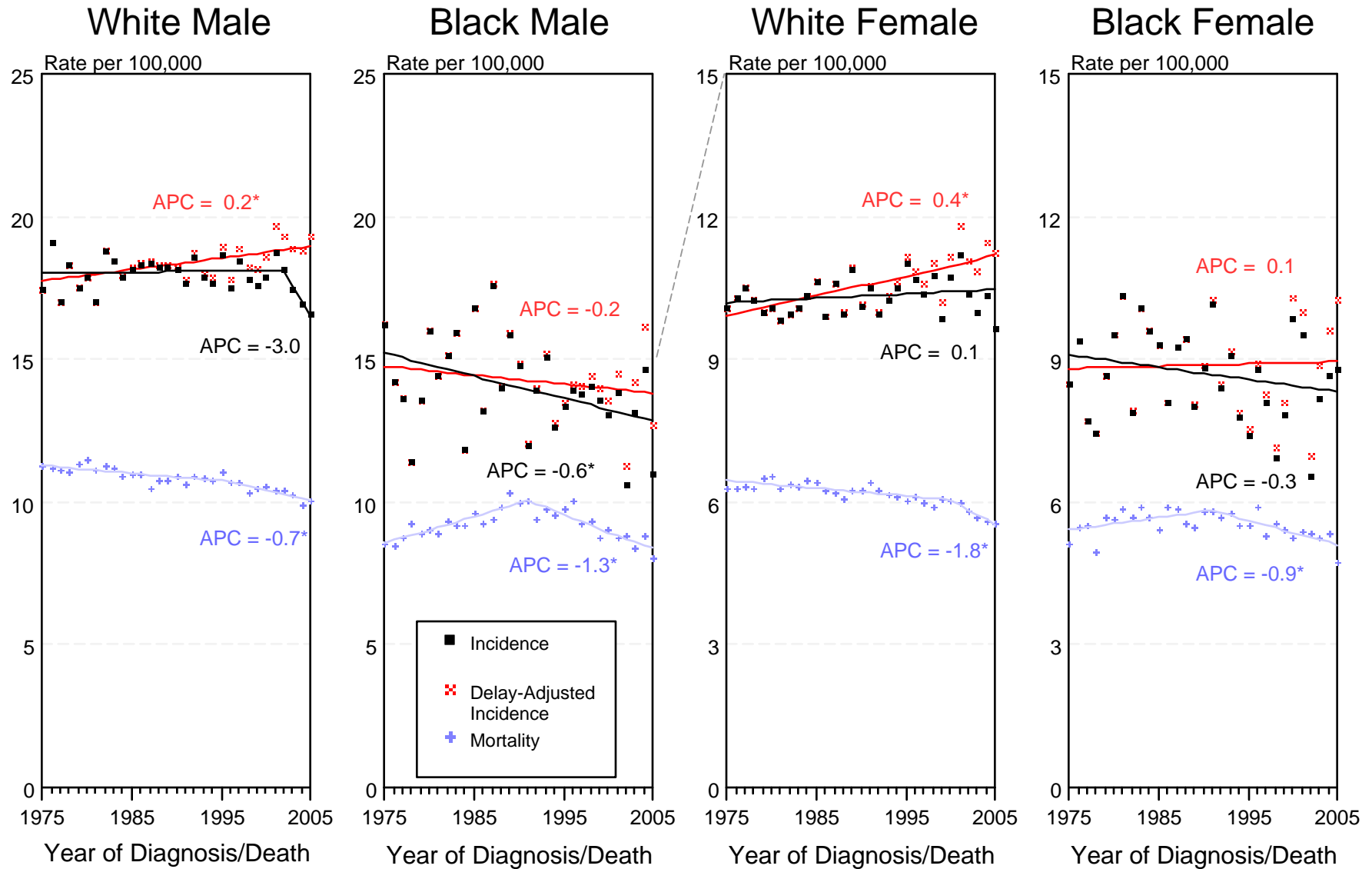


Figure XIII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1984	1.3	1984-1997	4.7*	1997-2005	2.1*			2.4*	2.1*
All Races	Male	1975-1986	2.1*	1986-1996	4.9*	1996-2005	2.4*			2.4*	2.4*
All Races	Female	1975-1983	0.5	1983-1998	4.3*	1998-2005	0.7			1.5*	0.7
White	Both Sexes	1975-1987	1.6*	1987-1997	5.3*	1997-2005	1.8*			2.2*	1.8*
White	Male	1975-1987	1.8*	1987-1996	5.5*	1996-2005	2.2*			2.2*	2.2*
White	Female	1975-1985	0.8	1985-1999	4.0*	1999-2005	-0.8			0.8	-0.8
Black	Both Sexes	1975-2005	3.0*							3.0*	3.0*
Black	Male	1975-2005	3.2*							3.2*	3.2*
Black	Female	1975-2005	2.5*							2.5*	2.5*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1984	1.3	1984-1997	4.7*	1997-2005	2.5*			2.8*	2.5*
All Races	Male	1975-2005	3.6*							3.6*	3.6*
All Races	Female	1975-1983	0.4	1983-1997	4.4*	1997-2005	1.4			1.8*	1.4*
White	Both Sexes	1975-1987	1.6*	1987-1997	5.3*	1997-2005	2.2*			2.5*	2.2*
White	Male	1975-1987	1.8*	1987-1996	5.5*	1996-2005	2.6*			2.6*	2.6*
White	Female	1975-1985	0.8	1985-1999	4.0*	1999-2005	-0.3			1.1	-0.3
Black	Both Sexes	1975-2005	3.1*							3.1*	3.1*
Black	Male	1975-2005	3.3*							3.3*	3.3*
Black	Female	1975-2005	2.5*							2.5*	2.5*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1986	1.2*	1986-1996	3.8*	1996-2000	0.7	2000-2005	2.7*	1.8*	2.7*
All Races	Male	1975-1985	1.5*	1985-1996	3.8*	1996-1999	0.5	1999-2005	2.6*	1.9*	2.6*
All Races	Female	1975-1986	0.7*	1986-1995	3.5*	1995-2005	1.0*			1.0*	1.0*
White	Both Sexes	1975-1984	0.6*	1984-1996	3.6*	1996-2000	0.9	2000-2005	2.7*	1.9*	2.7*
White	Male	1975-1985	1.4*	1985-1996	3.9*	1996-1999	0.6	1999-2005	2.6*	1.9*	2.6*
White	Female	1975-1987	0.6*	1987-1996	3.6*	1996-2000	-0.6	2000-2005	2.0*	0.8	2.0*
Black	Both Sexes	1975-1988	0.8*	1988-1995	3.1*	1995-2001	0.5	2001-2005	3.5*	1.8*	3.5*
Black	Male	1975-2005	1.8*							1.8*	1.8*
Black	Female	1975-2005	1.6*							1.6*	1.6*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

Table XIV-1a  
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Jointpoint Trend 1</u>		<u>Jointpoint Trend 2</u>		<u>Jointpoint Trend 3</u>		<u>Jointpoint Trend 4</u>		<u>Jointpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1984	1.3	1984-1997	4.7*	1997-2005	2.1*					2.1*
All Races	Male	1975-1986	2.1*	1986-1996	4.9*	1996-2005	2.4*					2.4*
All Races	Female	1975-1983	0.5	1983-1998	4.3*	1998-2005	0.7					0.7
White	Both Sexes	1975-1987	1.6*	1987-1997	5.3*	1997-2005	1.8*					1.8*
White	Male	1975-1987	1.8*	1987-1996	5.5*	1996-2005	2.2*					2.2*
White	Female	1975-1985	0.8	1985-1999	4.0*	1999-2005	-0.8					-0.8
Black	Both Sexes	1975-2005	3.0*									3.0*
Black	Male	1975-2005	3.2*									3.2*
Black	Female	1975-2005	2.5*									2.5*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1984	1.3	1984-1997	4.7*	1997-2005	2.5*					2.5*
All Races	Male	1975-2005	3.6*									3.6*
All Races	Female	1975-1983	0.4	1983-1997	4.4*	1997-2005	1.4					1.4*
White	Both Sexes	1975-1987	1.6*	1987-1997	5.3*	1997-2005	2.2*					2.2*
White	Male	1975-1987	1.8*	1987-1996	5.5*	1996-2005	2.6*					2.6*
White	Female	1975-1985	0.8	1985-1999	4.0*	1999-2005	-0.3					-0.3
Black	Both Sexes	1975-2005	3.1*									3.1*
Black	Male	1975-2005	3.3*									3.3*
Black	Female	1975-2005	2.5*									2.5*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1980	0.2	1980-1987	2.0*	1987-1996	3.8*	1996-2000	0.7	2000-2005	2.7*	2.7*
All Races	Male	1975-1979	0.3	1979-1987	2.3*	1987-1996	3.9*	1996-1999	0.4	1999-2005	2.6*	2.6*
All Races	Female	1975-1978	-1.5	1978-1988	1.4*	1988-1995	3.9*	1995-2001	0.3	2001-2005	2.1*	2.1*
White	Both Sexes	1975-1978	-1.2	1978-1987	1.7*	1987-1996	3.9*	1996-2000	0.7	2000-2005	2.7*	2.7*
White	Male	1975-1985	1.4*	1985-1996	3.9*	1996-1999	0.6	1999-2005	2.6*			2.6*
White	Female	1975-1978	-1.9	1978-1988	1.2*	1988-1996	3.6*	1996-2000	-0.6	2000-2005	2.0*	2.0*
Black	Both Sexes	1975-1988	0.8*	1988-1995	3.1*	1995-2001	0.5	2001-2005	3.5*			3.5*
Black	Male	1975-2005	1.8*									1.8*
Black	Female	1975-2005	1.6*									1.6*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

<sup>a</sup>  
<sup>b</sup>  
<sup>c</sup>  
\*

# SEER Incidence and Delay Adjusted Incidence Rates<sup>a</sup> Liver and Intrahepatic Bile Duct Cancer, by Race and Sex

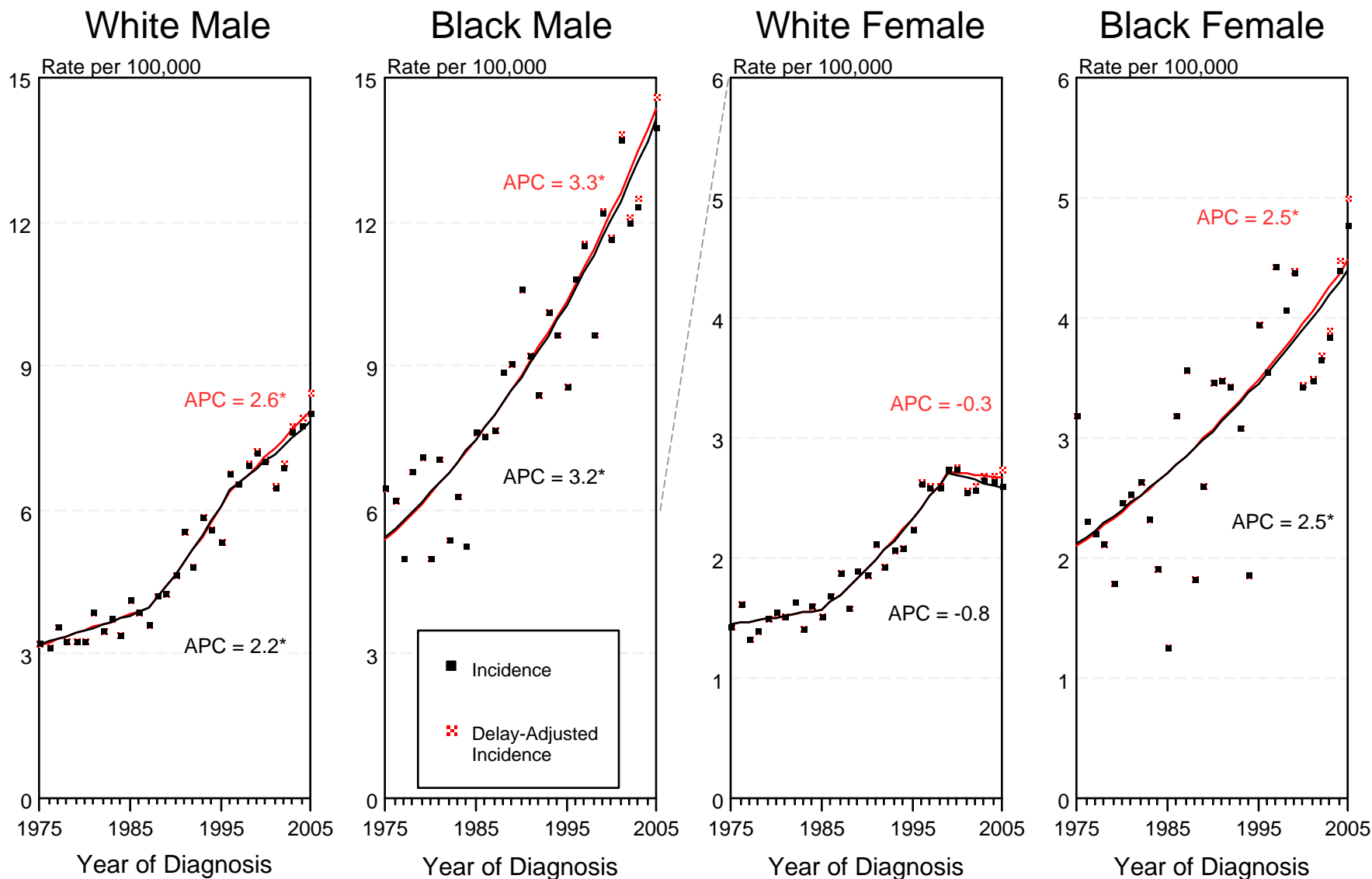


Figure XIV-1

<sup>a</sup> 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1982	2.5*	1982-1991	1.0*	1991-2005	-0.8*			-0.8*	-0.8*
All Races	Male	1975-1982	1.4*	1982-1991	-0.4	1991-2005	-1.9*			-1.9*	-1.9*
All Races	Female	1975-1982	5.5*	1982-1990	3.5*	1990-1998	1.0*	1998-2005	-0.2	0.1	-0.2
White	Both Sexes	1975-1982	2.5*	1982-1991	1.1*	1991-2005	-0.7*			-0.7*	-0.7*
White	Male	1975-1981	1.5*	1981-1990	-0.2	1990-2005	-1.8*			-1.8*	-1.8*
White	Female	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2005	-0.1	0.0	-0.1
Black	Both Sexes	1975-1985	3.2*	1985-2005	-1.0*					-1.0*	-1.0*
Black	Male	1975-1984	3.1*	1984-2003	-1.7*	2003-2005	-9.5			-3.5*	-5.7
Black	Female	1975-1990	4.3*	1990-2005	0.4					0.4	0.4
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1982	2.5*	1982-1991	1.0*	1991-2005	-0.7*			-0.7*	-0.7*
All Races	Male	1975-1982	1.5*	1982-1991	-0.5	1991-2005	-1.8*			-1.8*	-1.8*
All Races	Female	1975-1982	5.6*	1982-1991	3.4*	1991-2005	0.5*			0.5*	0.5*
White	Both Sexes	1975-1982	2.6*	1982-1991	1.1*	1991-2005	-0.6*			-0.6*	-0.6*
White	Male	1975-1981	1.4*	1981-1989	-0.1	1989-2005	-1.6*			-1.6*	-1.6*
White	Female	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2005	0.1	0.3	0.1
Black	Both Sexes	1975-1985	3.2*	1985-2005	-0.9*					-0.9*	-0.9*
Black	Male	1975-1984	3.1*	1984-2003	-1.6*	2003-2005	-8.4			-3.2*	-5.1
Black	Female	1975-1990	4.2*	1990-2005	0.6					0.6	0.6
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1980	3.0*	1980-1990	1.8*	1990-1995	-0.2	1995-2005	-1.0*	-1.0*	-1.0*
All Races	Male	1975-1982	1.7*	1982-1990	0.5*	1990-1994	-1.3*	1994-2005	-2.0*	-2.0*	-2.0*
All Races	Female	1975-1983	5.8*	1983-1990	4.0*	1990-1995	1.8*	1995-2005	0.1	0.1	0.1
White	Both Sexes	1975-1980	2.9*	1980-1990	1.8*	1990-1995	-0.1	1995-2005	-0.9*	-0.9*	-0.9*
White	Male	1975-1982	1.7*	1982-1991	0.4*	1991-2005	-1.8*			-1.8*	-1.8*
White	Female	1975-1983	5.8*	1983-1990	4.1*	1990-1995	1.9*	1995-2005	0.2*	0.2*	0.2*
Black	Both Sexes	1975-1981	3.5*	1981-1990	1.9*	1990-1995	-0.7*	1995-2005	-1.7*	-1.7*	-1.7*
Black	Male	1975-1981	3.1*	1981-1989	1.6*	1989-1994	-0.9*	1994-2005	-2.8*	-2.8*	-2.8*
Black	Female	1975-1981	6.8*	1981-1992	3.8*	1992-2005	0.3*			0.3*	0.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table XV-1a  
LUNG AND BRONCHUS CANCER (Invasive)TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1982	2.5*	1982-1991	1.0*	1991-2005	-0.8*					-0.8*
All Races	Male	1975-1982	1.4*	1982-1991	-0.4	1991-2005	-1.9*					-1.9*
All Races	Female	1975-1982	5.5*	1982-1990	3.5*	1990-1998	1.0*	1998-2005	-0.2			-0.2
White	Both Sexes	1975-1982	2.5*	1982-1991	1.1*	1991-2005	-0.7*					-0.7*
White	Male	1975-1981	1.5*	1981-1990	-0.2	1990-2005	-1.8*					-1.8*
White	Female	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2005	-0.1			-0.1
Black	Both Sexes	1975-1985	3.2*	1985-2005	-1.0*							-1.0*
Black	Male	1975-1984	3.1*	1984-2003	-1.7*	2003-2005	-9.5					-5.7
Black	Female	1975-1990	4.3*	1990-2005	0.4							0.4
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1982	2.5*	1982-1991	1.0*	1991-2005	-0.7*					-0.7*
All Races	Male	1975-1982	1.5*	1982-1991	-0.5	1991-2005	-1.8*					-1.8*
All Races	Female	1975-1982	5.6*	1982-1991	3.4*	1991-2005	0.5*					0.5*
White	Both Sexes	1975-1982	2.6*	1982-1991	1.1*	1991-2005	-0.6*					-0.6*
White	Male	1975-1981	1.4*	1981-1989	-0.1	1989-2005	-1.6*					-1.6*
White	Female	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2005	0.1			0.1
Black	Both Sexes	1975-1985	3.2*	1985-2005	-0.9*							-0.9*
Black	Male	1975-1984	3.3*	1984-2005	-1.8*							-1.8*
Black	Female	1975-1990	4.2*	1990-2005	0.6							0.6
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1980	3.0*	1980-1990	1.8*	1990-1995	-0.2	1995-2005	-1.0*			-1.0*
All Races	Male	1975-1978	2.5*	1978-1984	1.2*	1984-1990	0.4*	1990-1993	-1.1	1993-2005	-1.9*	-1.9*
All Races	Female	1975-1982	6.0*	1982-1990	4.2*	1990-1995	1.7*	1995-2003	0.3*	2003-2005	-0.9	-0.3
White	Both Sexes	1975-1980	2.9*	1980-1990	1.8*	1990-1995	-0.1	1995-2005	-0.9*			-0.9*
White	Male	1975-1982	1.7*	1982-1991	0.4*	1991-2005	-1.8*					-1.8*
White	Female	1975-1983	5.8*	1983-1990	4.1*	1990-1994	2.1*	1994-2002	0.5*	2002-2005	-0.6	-0.3
Black	Both Sexes	1975-1981	3.5*	1981-1990	1.9*	1990-1995	-0.7*	1995-2005	-1.7*			-1.7*
Black	Male	1975-1977	4.9*	1977-1984	2.3*	1984-1990	1.2*	1990-1994	-1.2*	1994-2005	-2.7*	-2.7*
Black	Female	1975-1981	6.8*	1981-1992	3.8*	1992-2005	0.3*					0.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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



# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Lung and Bronchus Cancer, by Race and Sex

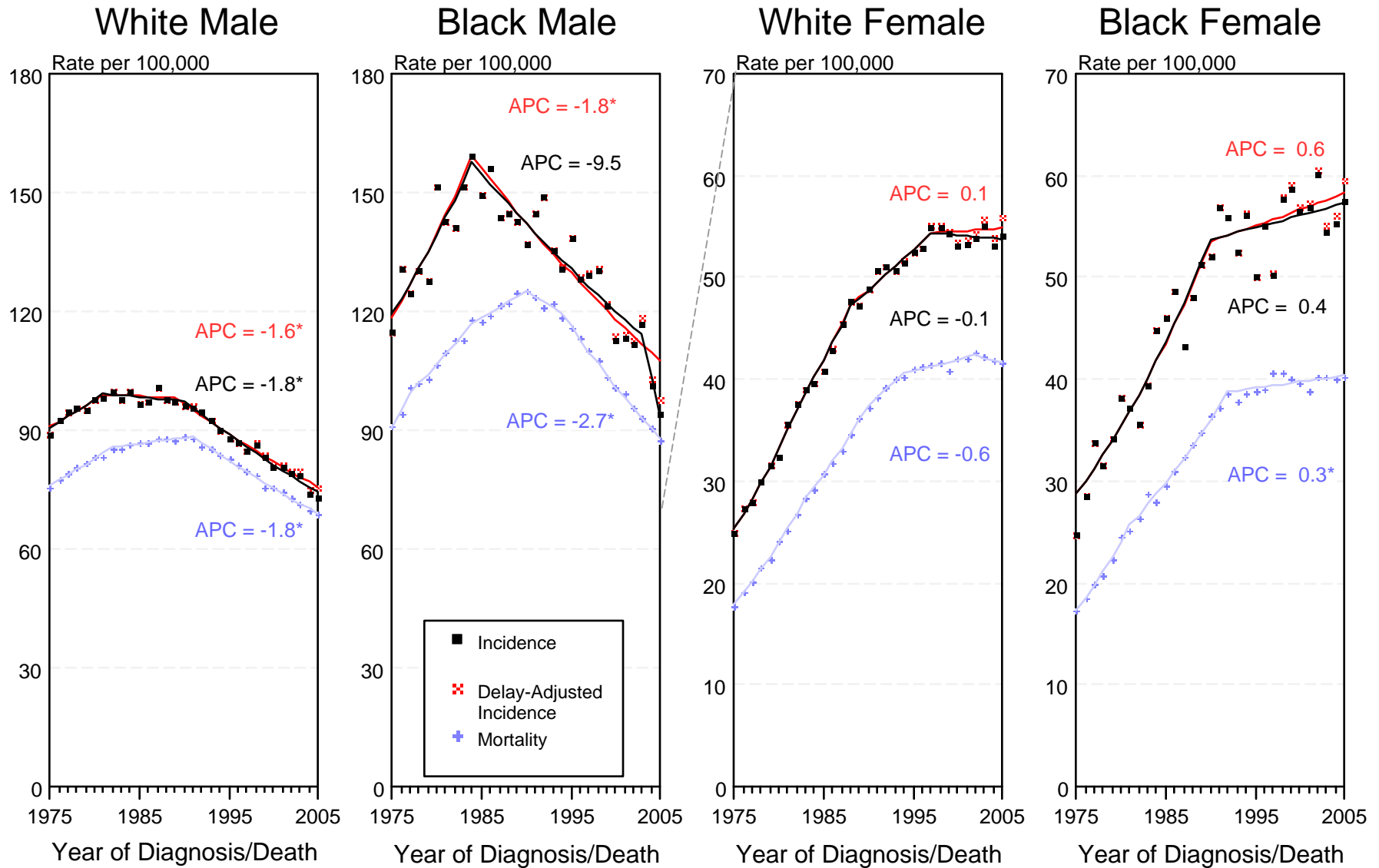


Figure XV-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Lung and Bronchus Cancer, Under 65 Years of Age, by Race and Sex

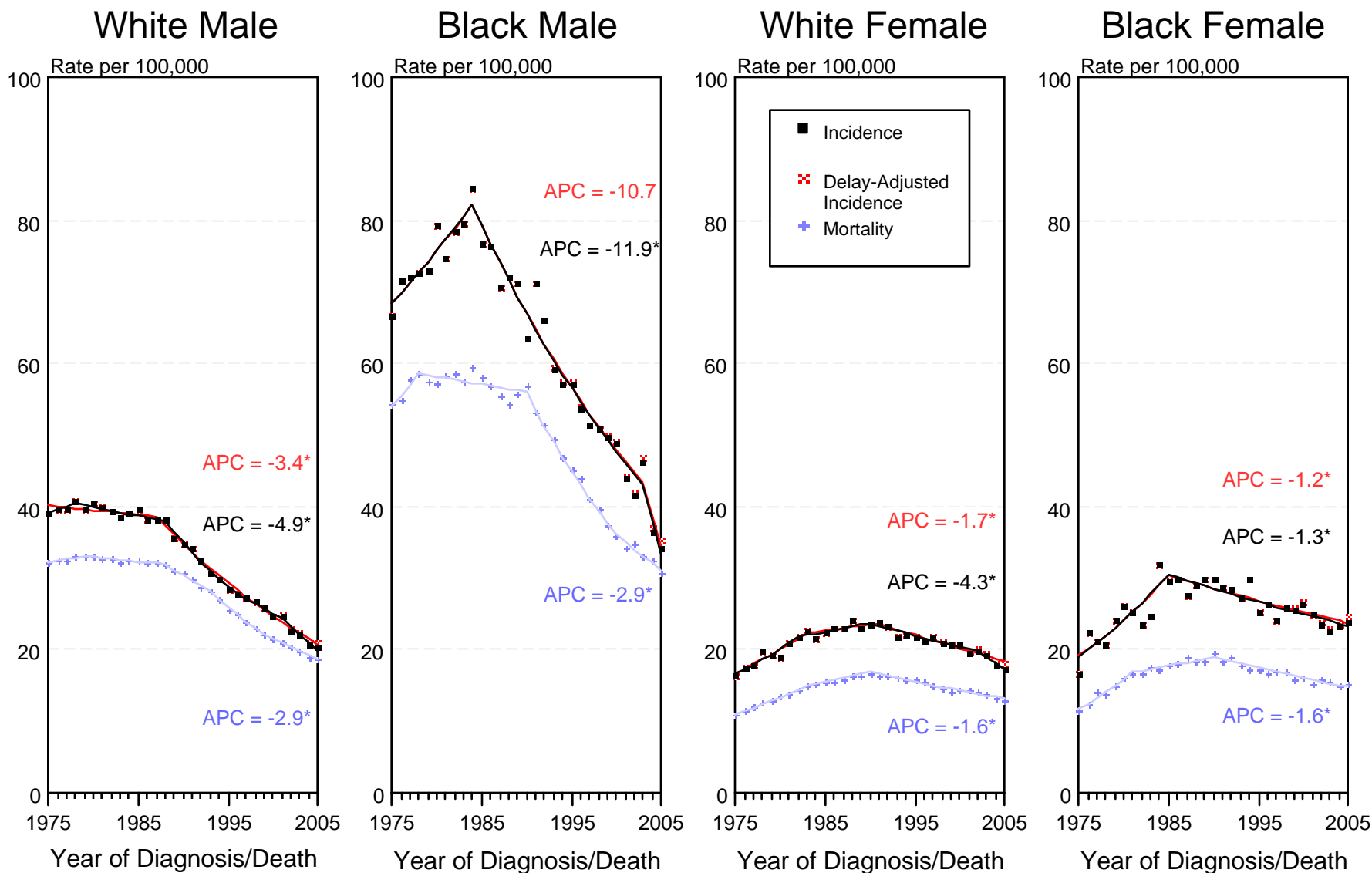


Figure XV-2

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1981	6.1*	1981-2005	2.8*					2.8*	2.8*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.4	2003-2005	6.4	2.8*	3.0
All Races	Female	1975-1981	4.9*	1981-2005	2.3*					2.3*	2.3*
White	Both Sexes	1975-1981	6.4*	1981-2005	3.1*					3.1*	3.1*
White	Male	1975-1985	5.7*	1985-2000	3.6*	2000-2003	-0.1	2003-2005	7.2*	3.1*	3.5
White	Female	1975-1981	6.1*	1981-1993	2.2*	1993-2005	3.2*			3.2*	3.2*
Black	Both Sexes	1975-2005	-0.5							-0.5	-0.5
Black	Male	1975-2005	0.3							0.3	0.3
Black	Female	1975-2005	-1.2*							-1.2*	-1.2*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1981	6.0*	1981-2005	2.9*					2.9*	2.9*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.2	2003-2005	7.7*	3.1*	3.7
All Races	Female	1975-1980	5.4*	1980-2005	2.5*					2.5*	2.5*
White	Both Sexes	1975-1981	6.2*	1981-2005	3.3*					3.3*	3.3*
White	Male	1975-1985	5.8*	1985-2000	3.7*	2000-2003	0.2	2003-2005	8.9*	3.7*	4.5*
White	Female	1975-1981	6.2*	1981-1993	2.2*	1993-2005	3.5*			3.5*	3.5*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1989	1.6*	1989-2005	-0.1					-0.1	-0.1
All Races	Male	1975-1990	2.2*	1990-2005	0.1					0.1	0.1
All Races	Female	1975-1988	0.8*	1988-2005	-0.6*					-0.6*	-0.6*
White	Both Sexes	1975-1989	1.7*	1989-2005	0.0					0.0	0.0
White	Male	1975-1990	2.3*	1990-2005	0.2					0.2	0.2
White	Female	1975-1988	0.9*	1988-2005	-0.4*					-0.4*	-0.4*
Black	Both Sexes	1975-2005	-0.7*							-0.7*	-0.7*
Black	Male	1975-2005	-1.1*							-1.1*	-1.1*
Black	Female	1975-2005	-0.4							-0.4	-0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero (p<.05).

a  
b  
c  
\*

Table XVI-1a  
MELANOMA OF THE SKIN (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1981	6.1*	1981-2005	2.8*							2.8*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.4	2003-2005	6.4			3.0
All Races	Female	1975-1981	4.9*	1981-2005	2.3*							2.3*
White	Both Sexes	1975-1981	6.4*	1981-2005	3.1*							3.1*
White	Male	1975-1985	5.7*	1985-2000	3.6*	2000-2003	-0.1	2003-2005	7.2*			3.5
White	Female	1975-1981	6.1*	1981-1993	2.2*	1993-2005	3.2*					3.2*
Black	Both Sexes	1975-2005	-0.5									-0.5
Black	Male	1975-2005	0.3									0.3
Black	Female	1975-2005	-1.2*									-1.2*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1981	6.0*	1981-2005	2.9*							2.9*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.2	2003-2005	7.7*			3.7
All Races	Female	1975-1981	5.7*	1981-1993	1.9*	1993-2005	2.9*					2.9*
White	Both Sexes	1975-1981	6.2*	1981-2005	3.3*							3.3*
White	Male	1975-1985	5.8*	1985-2000	3.7*	2000-2003	0.2	2003-2005	8.9*			4.5*
White	Female	1975-1981	6.2*	1981-1993	2.2*	1993-2005	3.5*					3.5*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1977	4.8	1977-1990	1.3*	1990-2005	-0.2					-0.2
All Races	Male	1975-1990	2.2*	1990-2005	0.1							0.1
All Races	Female	1975-1988	0.8*	1988-2005	-0.6*							-0.6*
White	Both Sexes	1975-1989	1.7*	1989-2005	0.0							0.0
White	Male	1975-1990	2.3*	1990-2005	0.2							0.2
White	Female	1975-1988	0.9*	1988-2005	-0.4*							-0.4*
Black	Both Sexes	1975-2005	-0.7*									-0.7*
Black	Male	1975-2005	-1.1*									-1.1*
Black	Female	1975-2005	-0.4									-0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Melanoma of the Skin, White, by Sex

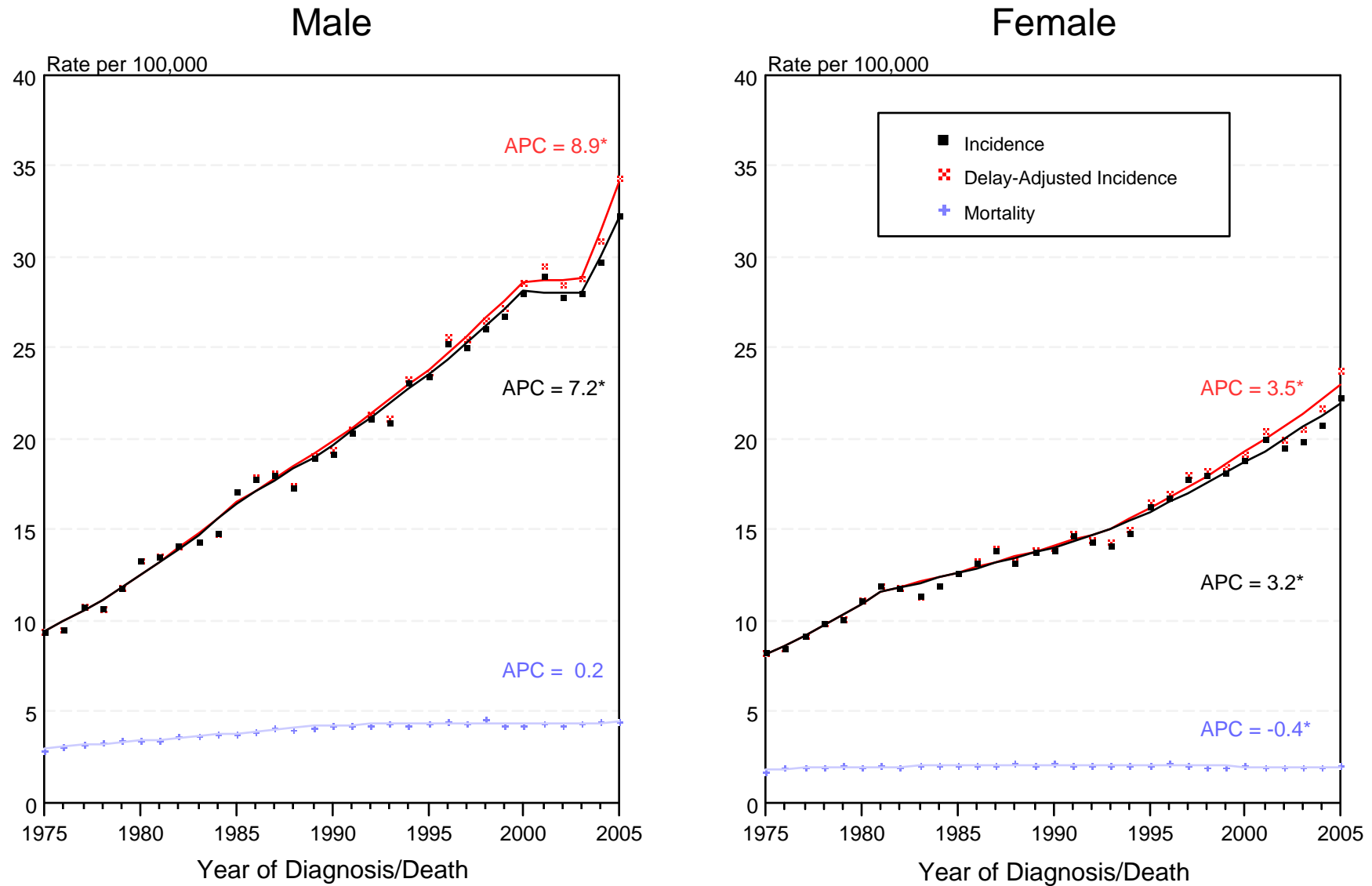


Figure XVI-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1997	1.0*	1997-2005	-0.9					-0.7	-0.9
All Races	Male	1975-1991	1.3*	1991-2005	0.0					0.0	0.0
All Races	Female	1975-1997	0.9*	1997-2005	-1.4*					-1.2*	-1.4*
White	Both Sexes	1975-1997	0.9*	1997-2005	-0.8					-0.6	-0.8
White	Male	1975-2002	0.9*	2002-2005	-3.4					-0.6	-2.4
White	Female	1975-1997	0.8*	1997-2005	-1.5					-1.2	-1.5
Black	Both Sexes	1975-1994	1.3*	1994-2005	-1.1					-1.1	-1.1
Black	Male	1975-2005	0.3							0.3	0.3
Black	Female	1975-1996	1.6*	1996-2005	-2.1					-2.1	-2.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1991	1.2*	1991-2005	0.3					0.3	0.3
All Races	Male	1975-2005	0.8*							0.8*	0.8*
All Races	Female	1975-2005	0.6*							0.6*	0.6*
White	Both Sexes	1975-2005	0.8*							0.8*	0.8*
White	Male	1975-2005	0.9*							0.9*	0.9*
White	Female	1975-2005	0.5*							0.5*	0.5*
Black	Both Sexes	1975-2005	0.6*							0.6*	0.6*
Black	Male	1975-2005	0.5*							0.5*	0.5*
Black	Female	1975-1996	1.6*	1996-2005	-1.2					-1.2	-1.2
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1994	1.4*	1994-2002	-0.7*	2002-2005	-2.1*			-1.2*	-1.8*
All Races	Male	1975-1994	1.5*	1994-2005	-1.0*					-1.0*	-1.0*
All Races	Female	1975-1993	1.5*	1993-2001	-0.4	2001-2005	-2.5*			-1.3*	-2.5*
White	Both Sexes	1975-1994	1.4*	1994-2005	-0.8*					-0.8*	-0.8*
White	Male	1975-1994	1.5*	1994-2005	-0.8*					-0.8*	-0.8*
White	Female	1975-1993	1.4*	1993-2002	-0.5*	2002-2005	-2.8*			-1.3*	-2.2*
Black	Both Sexes	1975-1982	3.4*	1982-1996	1.2*	1996-2005	-1.9*			-1.9*	-1.9*
Black	Male	1975-1982	3.8*	1982-1995	1.1*	1995-2005	-1.9*			-1.9*	-1.9*
Black	Female	1975-1995	2.1*	1995-2005	-1.6*					-1.6*	-1.6*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero (p<.05).

<sup>a</sup>  
<sup>b</sup>  
<sup>c</sup>  
\*

Table XVIII-1a

MYELOMATRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Jointpoint Trend 1</u>		<u>Jointpoint Trend 2</u>		<u>Jointpoint Trend 3</u>		<u>Jointpoint Trend 4</u>		<u>Jointpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1997	1.0*	1997-2005	-0.9							-0.9
All Races	Male	1975-1991	1.3*	1991-2005	0.0							0.0
All Races	Female	1975-1997	0.9*	1997-2005	-1.4*							-1.4*
White	Both Sexes	1975-1997	0.9*	1997-2005	-0.8							-0.8
White	Male	1975-2002	0.9*	2002-2005	-3.4							-2.4
White	Female	1975-1997	0.8*	1997-2005	-1.5							-1.5
Black	Both Sexes	1975-1994	1.3*	1994-2005	-1.1							-1.1
Black	Male	1975-2005	0.3									0.3
Black	Female	1975-1996	1.6*	1996-2005	-2.1							-2.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	0.7*									0.7*
All Races	Male	1975-2005	0.8*									0.8*
All Races	Female	1975-2005	0.6*									0.6*
White	Both Sexes	1975-2005	0.8*									0.8*
White	Male	1975-2005	0.9*									0.9*
White	Female	1975-2005	0.5*									0.5*
Black	Both Sexes	1975-2005	0.6*									0.6*
Black	Male	1975-2005	0.5*									0.5*
Black	Female	1975-2005	0.8*									0.8*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1994	1.4*	1994-2002	-0.7*	2002-2005	-2.1*					-1.8*
All Races	Male	1975-1994	1.5*	1994-2005	-1.0*							-1.0*
All Races	Female	1975-1993	1.5*	1993-2001	-0.4	2001-2005	-2.5*					-2.5*
White	Both Sexes	1975-1994	1.4*	1994-2005	-0.8*							-0.8*
White	Male	1975-1994	1.5*	1994-2005	-0.8*							-0.8*
White	Female	1975-1993	1.4*	1993-2002	-0.5*	2002-2005	-2.8*					-2.2*
Black	Both Sexes	1975-1982	3.4*	1982-1996	1.2*	1996-2005	-1.9*					-1.9*
Black	Male	1975-1982	3.8*	1982-1995	1.1*	1995-2005	-1.9*					-1.9*
Black	Female	1975-1995	2.1*	1995-2005	-1.6*							-1.6*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

<sup>a</sup>  
<sup>b</sup>  
<sup>c</sup>  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Myeloma, by Race and Sex

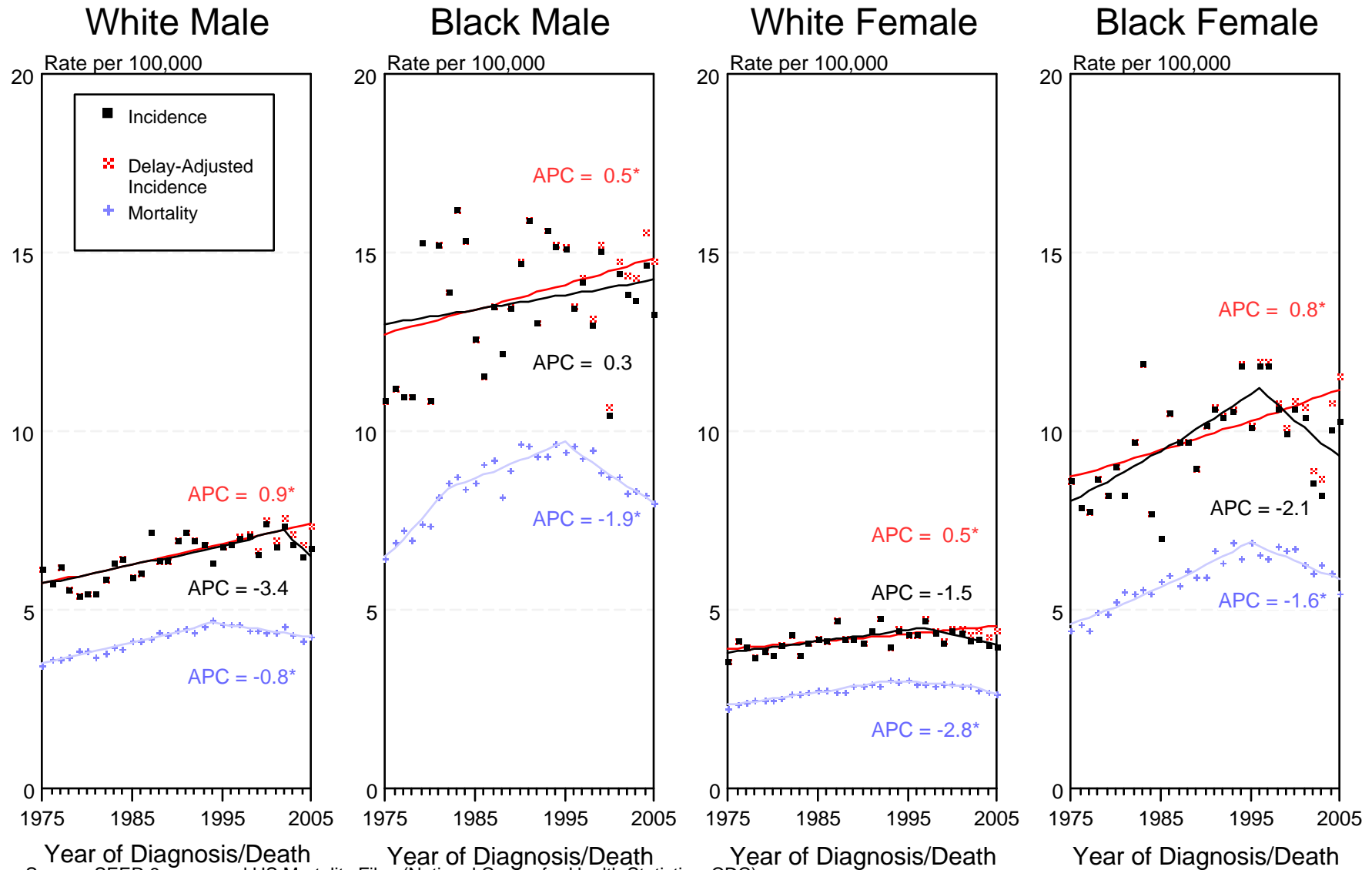


Figure XVIII-1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).

<sup>a</sup> 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 3.3.1, April 2008, 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

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1991	3.6*	1991-2005	0.5*					0.5*	0.5*
All Races	Male	1975-1991	4.2*	1991-2005	0.2					0.2	0.2
All Races	Female	1975-1990	2.9*	1990-2005	1.0*					1.0*	1.0*
White	Both Sexes	1975-1990	3.8*	1990-2005	0.6*					0.6*	0.6*
White	Male	1975-1990	4.5*	1990-2005	0.4*					0.4*	0.4*
White	Female	1975-1990	2.9*	1990-2005	1.1*					1.1*	1.1*
Black	Both Sexes	1975-1992	4.9*	1992-2005	0.8					0.8	0.8
Black	Male	1975-1994	5.5*	1994-2005	-0.9					-0.9	-0.9
Black	Female	1975-2005	2.7*							2.7*	2.7*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1991	3.6*	1991-2005	0.7*					0.7*	0.7*
All Races	Male	1975-1991	4.2*	1991-2005	0.4*					0.4*	0.4*
All Races	Female	1975-1990	2.8*	1990-2005	1.2*					1.2*	1.2*
White	Both Sexes	1975-1990	3.8*	1990-2005	0.8*					0.8*	0.8*
White	Male	1975-1990	4.5*	1990-2005	0.5*					0.5*	0.5*
White	Female	1975-1990	2.9*	1990-2005	1.2*					1.2*	1.2*
Black	Both Sexes	1975-1995	4.7*	1995-1999	-3.1	1999-2005	3.5*			1.2	3.5*
Black	Male	1975-1994	5.5*	1994-2005	-0.6					-0.6	-0.6
Black	Female	1975-2005	2.9*							2.9*	2.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1991	2.5*	1991-1997	1.6*	1997-2005	-3.2*			-2.7*	-3.2*
All Races	Male	1975-1991	2.7*	1991-1997	1.6*	1997-2005	-3.0*			-2.5*	-3.0*
All Races	Female	1975-1995	2.2*	1995-1998	-0.3	1998-2005	-3.7*			-3.0*	-3.7*
White	Both Sexes	1975-1991	2.5*	1991-1997	1.7*	1997-2005	-3.2*			-2.7*	-3.2*
White	Male	1975-1996	2.5*	1996-2005	-2.6*					-2.6*	-2.6*
White	Female	1975-1997	2.1*	1997-2005	-3.8*					-3.2*	-3.8*
Black	Both Sexes	1975-1997	2.6*	1997-2005	-3.4*					-2.8*	-3.4*
Black	Male	1975-1997	2.7*	1997-2005	-4.1*					-3.4*	-4.1*
Black	Female	1975-1997	2.6*	1997-2005	-2.7*					-2.2*	-2.7*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).  
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero (p<.05).

a  
b  
c  
\*

Table XIX-1a  
NON-HODGKIN LYMPHOMATRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		Jointpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1991	3.6*	1991-2005	0.5*							0.5*
All Races	Male	1975-1991	4.2*	1991-2005	0.2							0.2
All Races	Female	1975-1990	2.9*	1990-2005	1.0*							1.0*
White	Both Sexes	1975-1990	3.8*	1990-2005	0.6*							0.6*
White	Male	1975-1990	4.5*	1990-2005	0.4*							0.4*
White	Female	1975-1990	2.9*	1990-2005	1.1*							1.1*
Black	Both Sexes	1975-1992	4.9*	1992-2005	0.8							0.8
Black	Male	1975-1994	5.5*	1994-2005	-0.9							-0.9
Black	Female	1975-2005	2.7*									2.7*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1991	3.6*	1991-2005	0.7*							0.7*
All Races	Male	1975-1991	4.2*	1991-2005	0.4*							0.4*
All Races	Female	1975-1990	2.8*	1990-2005	1.2*							1.2*
White	Both Sexes	1975-1990	3.8*	1990-2005	0.8*							0.8*
White	Male	1975-1990	4.5*	1990-2005	0.5*							0.5*
White	Female	1975-1990	2.9*	1990-2005	1.2*							1.2*
Black	Both Sexes	1975-1992	4.9*	1992-2005	1.1*							1.1*
Black	Male	1975-1994	5.5*	1994-2005	-0.6							-0.6
Black	Female	1975-2005	2.9*									2.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1991	2.5*	1991-1997	1.6*	1997-2005	-3.2*					-3.2*
All Races	Male	1975-1991	2.7*	1991-1997	1.6*	1997-2005	-3.0*					-3.0*
All Races	Female	1975-1995	2.2*	1995-1998	-0.3	1998-2005	-3.7*					-3.7*
White	Both Sexes	1975-1991	2.5*	1991-1997	1.7*	1997-2005	-3.2*					-3.2*
White	Male	1975-1996	2.5*	1996-2005	-2.6*							-2.6*
White	Female	1975-1997	2.1*	1997-2005	-3.8*							-3.8*
Black	Both Sexes	1975-1997	2.6*	1997-2005	-3.4*							-3.4*
Black	Male	1975-1997	2.7*	1997-2005	-4.1*							-4.1*
Black	Female	1975-1997	2.6*	1997-2005	-2.7*							-2.7*

Jointpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Non-Hodgkin Lymphoma, by Race and Sex

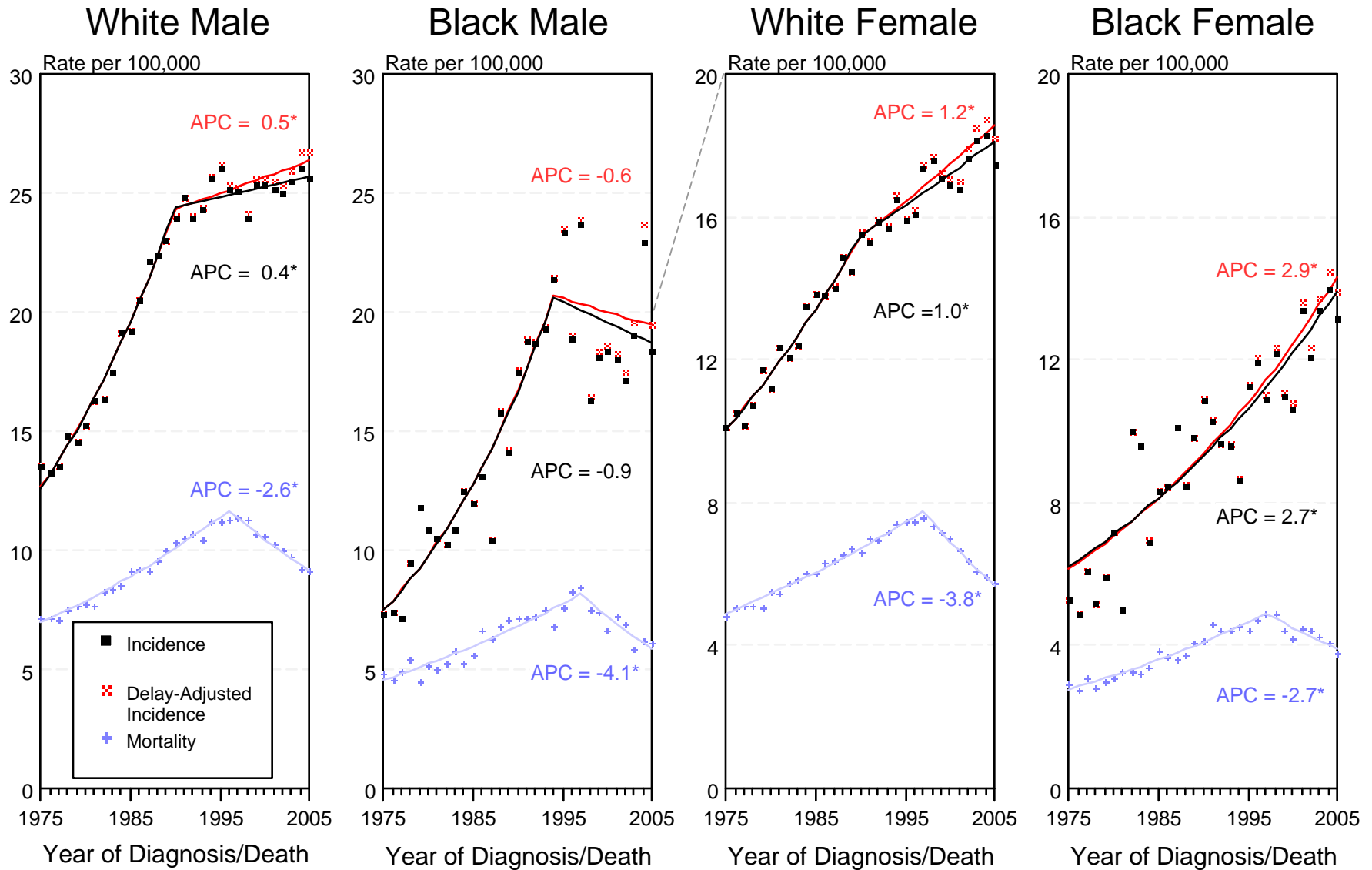


Figure XIX-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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 XX-1a  
 CANCER OF THE ORAL CAVITY AND PHARYNX (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1981	0.7	1981-2005	-1.2*					-1.2*	-1.2*
All Races	Male	1975-1983	-0.2	1983-2005	-1.4*					-1.4*	-1.4*
All Races	Female	1975-1980	2.6*	1980-2005	-1.0*					-1.0*	-1.0*
White	Both Sexes	1975-2005	-0.9*							-0.9*	-0.9*
White	Male	1975-2005	-1.2*							-1.2*	-1.2*
White	Female	1975-1981	2.1*	1981-2005	-1.0*					-1.0*	-1.0*
Black	Both Sexes	1975-1984	2.4*	1984-2005	-2.5*					-2.5*	-2.5*
Black	Male	1975-1987	1.9*	1987-2005	-3.3*					-3.3*	-3.3*
Black	Female	1975-2005	-1.3*							-1.3*	-1.3*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1981	0.7	1981-2005	-1.1*					-1.1*	-1.1*
All Races	Male	1975-2005	-1.2*							-1.2*	-1.2*
All Races	Female	1975-1980	2.6	1980-2005	-0.9*					-0.9*	-0.9*
White	Both Sexes	1975-2005	-0.8*							-0.8*	-0.8*
White	Male	1975-2005	-1.1*							-1.1*	-1.1*
White	Female	1975-1981	2.0	1981-2005	-0.9*					-0.9*	-0.9*
Black	Both Sexes	1975-1984	2.4*	1984-2005	-2.5*					-2.5*	-2.5*
Black	Male	1975-1987	1.9*	1987-2005	-3.2*					-3.2*	-3.2*
Black	Female	1975-2005	-1.2*							-1.2*	-1.2*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1979	-0.5	1979-1993	-1.7*	1993-2000	-2.7*	2000-2005	-1.3*	-1.9*	-1.3*
All Races	Male	1975-1980	-0.9	1980-2005	-2.2*					-2.2*	-2.2*
All Races	Female	1975-1990	-0.9*	1990-2005	-2.4*					-2.4*	-2.4*
White	Both Sexes	1975-2005	-1.9*							-1.9*	-1.9*
White	Male	1975-2005	-2.1*							-2.1*	-2.1*
White	Female	1975-1990	-1.0*	1990-2005	-2.2*					-2.2*	-2.2*
Black	Both Sexes	1975-1980	3.3*	1980-1993	-1.5*	1993-2005	-3.9*			-3.9*	-3.9*
Black	Male	1975-1980	3.8*	1980-1993	-1.4*	1993-2002	-4.6*	2002-2005	1.2	-2.7*	-0.3
Black	Female	1975-1994	-0.6*	1994-2005	-4.7*					-4.7*	-4.7*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

Table XX-1b  
CANCER OF THE ORAL CAVITY AND PHARYNX FOR SELECTED SUBSITES (Invasive)TRENDS IN SEER INCIDENCE<sup>a</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>b</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>Tongue Cancer</u>											
All Races	Both Sexes	1975-1981	2.6	1981-1998	0.0	1998-2005	2.2*			1.7*	2.2*
All Races	Male	1975-2005	0.6*							0.6*	0.6*
All Races	Female	1975-1979	6.5	1979-2005	0.1					0.1	0.1
White	Male	1975-1999	0.5*	1999-2005	3.6*					2.6*	3.6*
White	Female	1975-2005	0.4*							0.4*	0.4*
Black	Male	1975-1989	1.4	1989-2005	-3.1*					-3.1*	-3.1*
Black	Female	1975-2005	-1.1*							-1.1*	-1.1*
<u>Floor of Mouth, Gum and Other Mouth Cancer</u>											
All Races	Both Sexes	1975-1983	0.9	1983-2005	-2.5*					-2.5*	-2.5*
All Races	Male	1975-1984	0.3	1984-2005	-3.0*					-3.0*	-3.0*
All Races	Female	1975-1987	0.1	1987-2005	-2.2*					-2.2*	-2.2*
White	Male	1975-1984	-0.1	1984-2005	-2.8*					-2.8*	-2.8*
White	Female	1975-1986	0.6	1986-2005	-2.2*					-2.2*	-2.2*
Black	Male	1975-1977	54.6*	1977-1998	-2.3*	1998-2005	-9.2*			-7.7*	-9.2*
Black	Female	1975-2005	-1.7*							-1.7*	-1.7*
<u>Oropharynx and Tonsil Cancer</u>											
All Races	Both Sexes	1975-1999	0.0	1999-2005	2.4*					1.6*	2.4*
All Races	Male	1975-2005	0.8*							0.8*	0.8*
All Races	Female	1975-2005	-1.4*							-1.4*	-1.4*
White	Male	1975-1995	0.2	1995-2005	3.0*					3.0*	3.0*
White	Female	1975-2005	-1.2*							-1.2*	-1.2*
Black	Male	1975-2005	-0.6							-0.6	-0.6
Black	Female	1975-2005	-1.6*							-1.6*	-1.6*
<u>Salivary Gland Cancer</u>											
All Races	Both Sexes	1975-2005	0.5*							0.5*	0.5*
All Races	Male	1975-2005	0.6*							0.6*	0.6*
All Races	Female	1975-2005	0.4*							0.4*	0.4*
White	Male	1975-2005	0.6*							0.6*	0.6*
White	Female	1975-2005	0.4							0.4*	0.4*
Black	Male	1975-2000	2.6*	2000-2005	-13.7					-6.8	-13.7
Black	Female	1975-2005	0.4							0.4	0.4
<u>Lip Cancer</u>											
All Races	Both Sexes	1975-1998	-3.2*	1998-2005	-6.2*					-5.5*	-6.2*
All Races	Male	1975-1996	-3.7*	1996-2005	-6.6*					-6.6*	-6.6*
All Races	Female	1975-2005	-0.5							-0.5	-0.5
White	Male	1975-1996	-3.4*	1996-2005	-6.7*					-6.7*	-6.7*
White	Female	1975-2001	0.1	2001-2005	-7.9					-3.5	-7.9
Black	Male		-								
Black	Female		-								

Joinpoint Regression Program Version 3.3, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005. The APC/AAPC is significantly different from zero (p<.05).

Trend could not be calculated. At least one diagnosis year had a zero case count.

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Cancer of the Oral Cavity and Pharynx, by Race and Sex

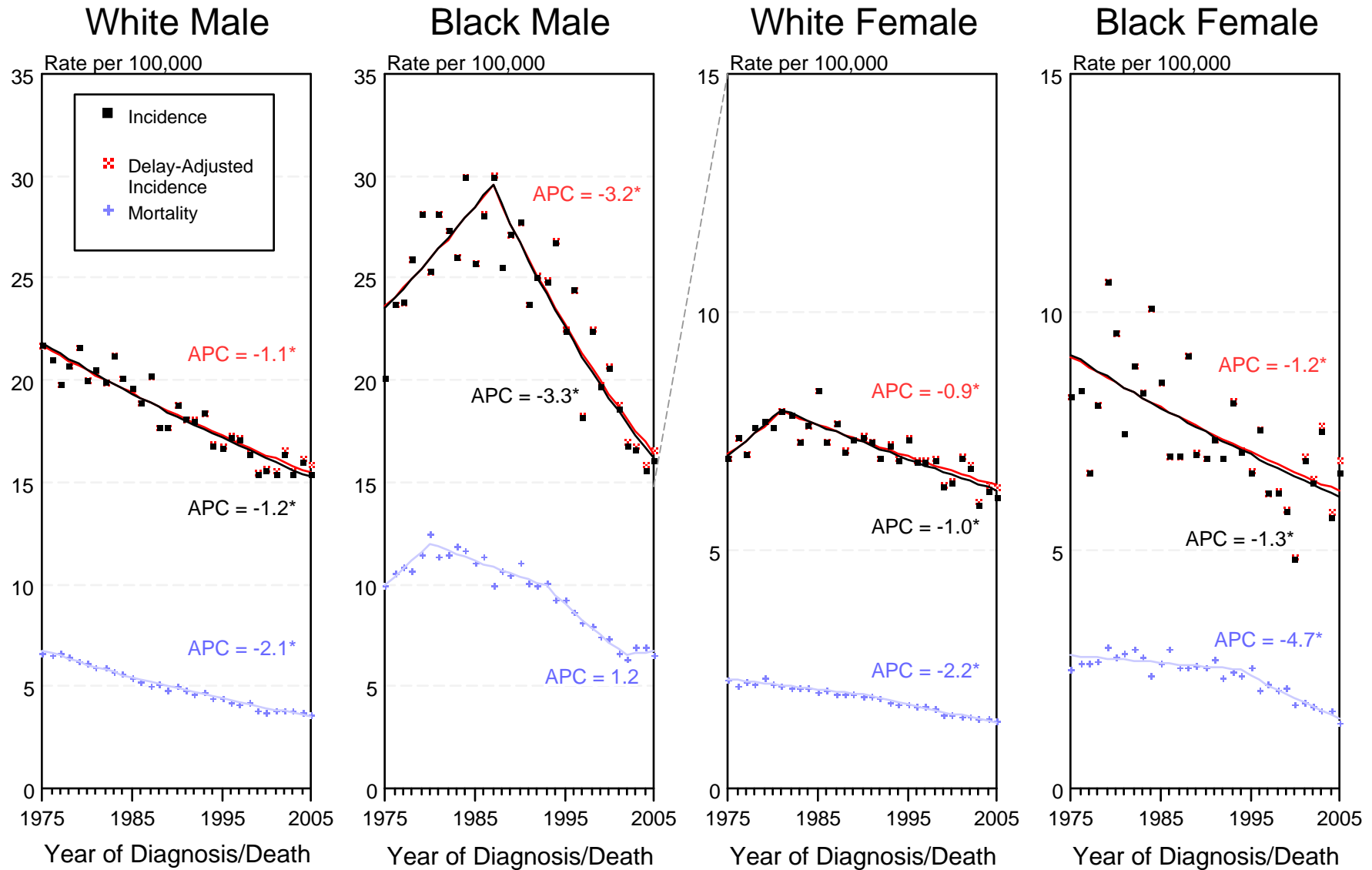


Figure XX-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1985	0.1	1985-2001	-0.7*	2001-2005	-3.0*			-1.7*	-3.0*
All Races	Under 65	1975-2005	-1.2*							-1.2*	-1.2*
All Races	65 and Over	1975-1990	1.4*	1990-2005	-1.1*					-1.1*	-1.1*
White	All Ages	1975-1985	0.3	1985-2001	-0.6*	2001-2005	-3.4*			-1.9*	-3.4*
White	Under 65	1975-2005	-1.2*							-1.2*	-1.2*
White	65 and Over	1975-1990	1.5*	1990-2005	-1.0*					-1.0*	-1.0*
Black	All Ages	1975-2005	-0.5*							-0.5*	-0.5*
Black	Under 65	1975-2005	-1.0*							-1.0*	-1.0*
Black	65 and Over	1975-2005	0.1							0.1	0.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1985	0.1	1985-2001	-0.7*	2001-2005	-2.4*			-1.4*	-2.4*
All Races	Under 65	1975-2005	-1.1*							-1.1*	-1.1*
All Races	65 and Over	1975-1990	1.4*	1990-2005	-1.0*					-1.0*	-1.0*
White	All Ages	1975-1985	0.3	1985-2001	-0.6*	2001-2005	-2.7*			-1.5*	-2.7*
White	Under 65	1975-2005	-1.1*							-1.1*	-1.1*
White	65 and Over	1975-1990	1.5*	1990-2005	-0.8*					-0.8*	-0.8*
Black	All Ages	1975-2005	-0.4*							-0.4*	-0.4*
Black	Under 65	1975-2005	-0.9*							-0.9*	-0.9*
Black	65 and Over	1975-2005	0.2							0.2	0.2
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1982	-1.2*	1982-1992	0.4	1992-1996	-1.3	1996-2005	-0.2	-0.2	-0.2
All Races	Under 65	1975-1980	-3.3*	1980-1998	-1.5*	1998-2005	-0.7*			-0.9*	-0.7*
All Races	65 and Over	1975-1985	0.7*	1985-1991	1.8*	1991-2005	-0.1			-0.1	-0.1
White	All Ages	1975-1981	-1.4*	1981-1991	0.2	1991-2005	-0.4*			-0.4*	-0.4*
White	Under 65	1975-1981	-3.1*	1981-2005	-1.3*					-1.3*	-1.3*
White	65 and Over	1975-1984	0.6*	1984-1991	1.6*	1991-2005	0.0			0.0	0.0
Black	All Ages	1975-2005	0.0							0.0	0.0
Black	Under 65	1975-1995	-1.9*	1995-2005	0.0					0.0	0.0
Black	65 and Over	1975-1991	2.3*	1991-2005	-0.5					-0.5	-0.5

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Jointpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

The APC/AAPC is significantly different from zero (p&lt;.05).

a  
b  
c  
\*

Table XXI-1a  
OVARY CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND AGE

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1985	0.1	1985-2001	-0.7*	2001-2005	-3.0*					-3.0*
All Races	Under 65	1975-2005	-1.2*									-1.2*
All Races	65 and Over	1975-1990	1.4*	1990-2005	-1.1*							-1.1*
White	All Ages	1975-1985	0.3	1985-2001	-0.6*	2001-2005	-3.4*					-3.4*
White	Under 65	1975-2005	-1.2*									-1.2*
White	65 and Over	1975-1990	1.5*	1990-2005	-1.0*							-1.0*
Black	All Ages	1975-2005	-0.5*									-0.5*
Black	Under 65	1975-2005	-1.0*									-1.0*
Black	65 and Over	1975-2005	0.1									0.1
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1985	0.1	1985-2001	-0.7*	2001-2005	-2.4*					-2.4*
All Races	Under 65	1975-2005	-1.1*									-1.1*
All Races	65 and Over	1975-1990	1.4*	1990-2005	-1.0*							-1.0*
White	All Ages	1975-1985	0.3	1985-2001	-0.6*	2001-2005	-2.7*					-2.7*
White	Under 65	1975-2005	-1.1*									-1.1*
White	65 and Over	1975-1990	1.5*	1990-2005	-0.8*							-0.8*
Black	All Ages	1975-2005	-0.4*									-0.4*
Black	Under 65	1975-2005	-0.9*									-0.9*
Black	65 and Over	1975-2005	0.2									0.2
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1982	-1.2*	1982-1992	0.3*	1992-1998	-1.2*	1998-2002	0.8	2002-2005	-1.5	-0.9
All Races	Under 65	1975-1982	-2.9*	1982-1994	-1.3*	1994-1998	-2.6*	1998-2002	0.6	2002-2005	-2.1*	-1.4
All Races	65 and Over	1975-1985	0.7*	1985-1991	1.8*	1991-2005	-0.1					-0.1
White	All Ages	1975-1981	-1.5*	1981-1992	0.3	1992-1998	-1.1*	1998-2002	0.8	2002-2005	-1.6	-1.0
White	Under 65	1975-1980	-3.3*	1980-1998	-1.5*	1998-2005	-0.8*					-0.8*
White	65 and Over	1975-1984	0.6*	1984-1991	1.6*	1991-2005	0.0					0.0
Black	All Ages	1975-2005	0.0									0.0
Black	Under 65	1975-1995	-1.9*	1995-2005	0.0							0.0
Black	65 and Over	1975-1991	2.3*	1991-2005	-0.5							-0.5

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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



# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Ovary Cancer, by Race

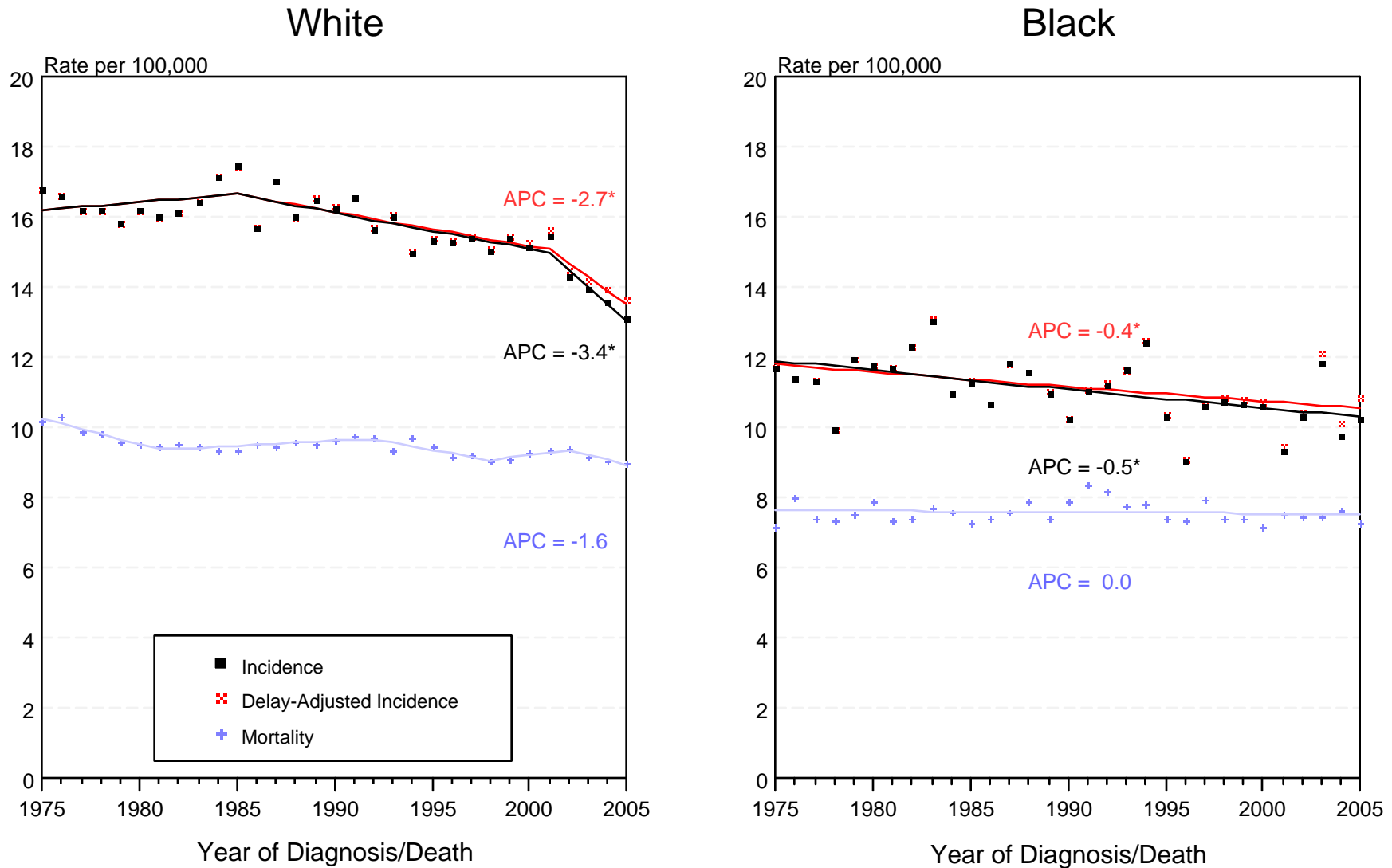


Figure XXI-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Ovary Cancer, by Age and Race

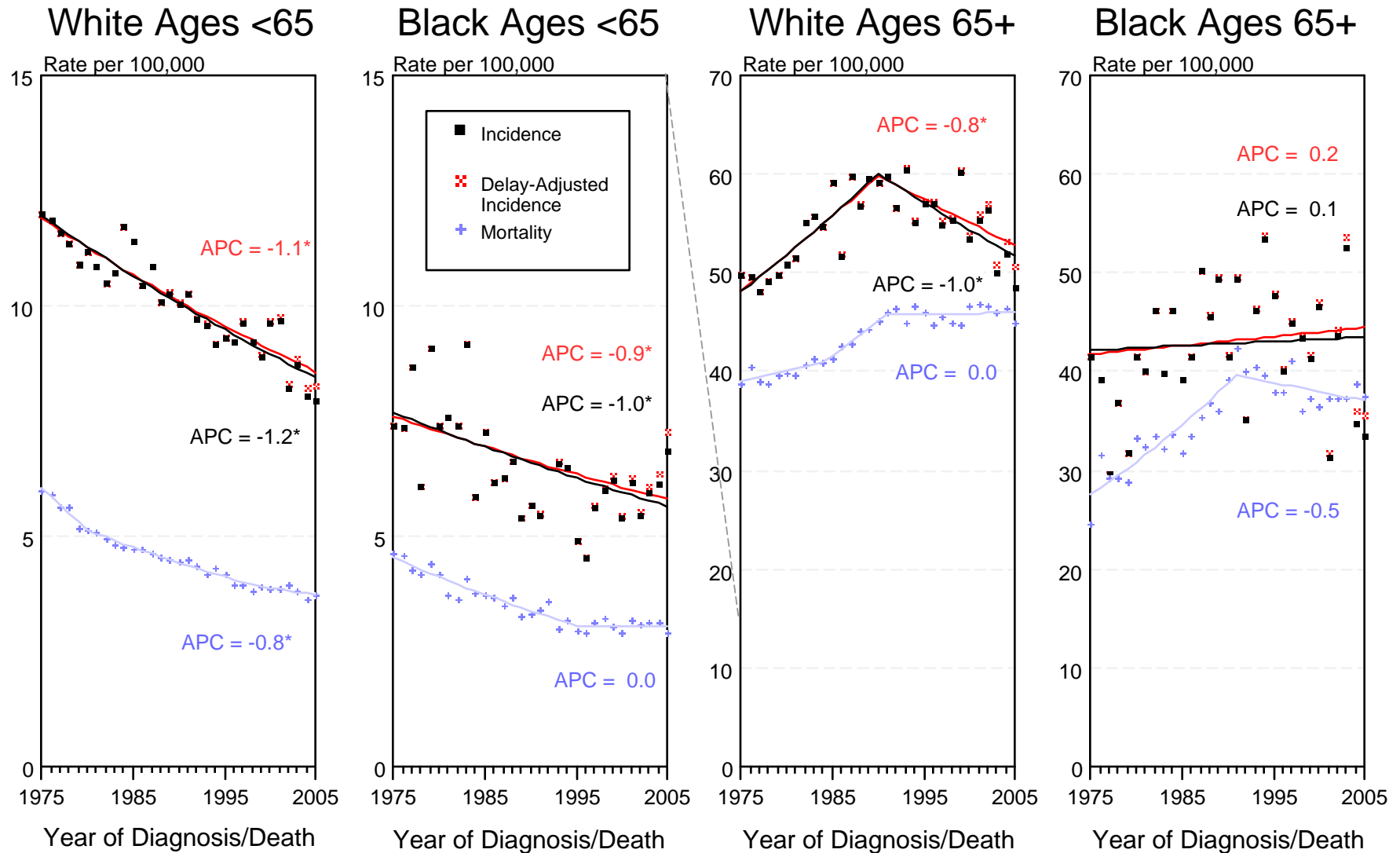


Figure XXI-2

- <sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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 XXII-1  
PANCREAS CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1978	-2.1	1978-1984	1.1	1984-1993	-0.9*	1993-2005	0.4*	0.4*	0.4*
All Races	Male	1975-1993	-0.9*	1993-2005	0.3					0.3	0.3
All Races	Female	1975-1983	1.3*	1983-2005	-0.1					-0.1	-0.1
White	Both Sexes	1975-1978	-2.5	1978-1984	1.0	1984-1993	-1.0*	1993-2005	0.5*	0.5*	0.5*
White	Male	1975-1981	-2.3*	1981-1984	1.7	1984-1993	-1.4*	1993-2005	0.6*	0.6*	0.6*
White	Female	1975-1984	1.6*	1984-1987	-2.5	1987-2005	0.2			0.2	0.2
Black	Both Sexes	1975-2005	-0.3*							-0.3*	-0.3*
Black	Male	1975-2005	-0.7*							-0.7*	-0.7*
Black	Female	1975-2005	0.0							0.0	0.0
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1978	-2.1	1978-1984	1.1	1984-1993	-0.9*	1993-2005	0.5*	0.5*	0.5*
All Races	Male	1975-1993	-0.9*	1993-2005	0.4					0.4*	0.4*
All Races	Female	1975-1984	1.5*	1984-1994	-0.6	1994-2005	0.6*			0.6*	0.6*
White	Both Sexes	1975-1978	-2.5	1978-1984	1.0	1984-1994	-0.9*	1994-2005	0.8*	0.8*	0.8*
White	Male	1975-1981	-2.3*	1981-1984	1.7	1984-1993	-1.5*	1993-2005	0.8*	0.8*	0.8*
White	Female	1975-1984	1.2*	1984-1999	-0.4	1999-2005	1.6*			0.9*	1.6*
Black	Both Sexes	1975-2005	-0.3							-0.3	-0.3
Black	Male	1975-2005	-0.6*							-0.6*	-0.6*
Black	Female	1975-2005	0.1							0.1	0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-2003	-0.1*	2003-2005	1.2					0.2	0.6
All Races	Male	1975-1986	-0.8*	1986-2003	-0.3*	2003-2005	1.3			0.1	0.5
All Races	Female	1975-1984	0.8*	1984-2005	0.1*					0.1*	0.1*
White	Both Sexes	1975-1997	-0.2*	1997-2005	0.4*					0.3*	0.4*
White	Male	1975-1986	-1.0*	1986-1996	-0.3*	1996-2005	0.2			0.2	0.2
White	Female	1975-1983	0.6*	1983-2005	0.1*					0.1*	0.1*
Black	Both Sexes	1975-1990	1.1*	1990-2005	-0.8*					-0.8*	-0.8*
Black	Male	1975-1990	0.6*	1990-2005	-1.1*					-1.1*	-1.1*
Black	Female	1975-1984	2.6*	1984-1993	0.5	1993-2005	-0.7*			-0.7*	-0.7*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table XXII-1a  
PANCREAS CANCER (Invasive)TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Jointpoint Trend 1</u>		<u>Jointpoint Trend 2</u>		<u>Jointpoint Trend 3</u>		<u>Jointpoint Trend 4</u>		<u>Jointpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1978	-2.1	1978-1984	1.1	1984-1993	-0.9*	1993-2005	0.4*			0.4*
All Races	Male	1975-1993	-0.9*	1993-2005	0.3							0.3
All Races	Female	1975-1983	1.3*	1983-2005	-0.1							-0.1
White	Both Sexes	1975-1978	-2.5	1978-1984	1.0	1984-1993	-1.0*	1993-2005	0.5*			0.5*
White	Male	1975-1994	-1.0*	1994-2005	0.6*							0.6*
White	Female	1975-1984	1.6*	1984-1987	-2.5	1987-2005	0.2					0.2
Black	Both Sexes	1975-2005	-0.3*									-0.3*
Black	Male	1975-2005	-0.7*									-0.7*
Black	Female	1975-2005	0.0									0.0
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1978	-2.1	1978-1984	1.1	1984-1993	-0.9*	1993-2005	0.5*			0.5*
All Races	Male	1975-1993	-0.9*	1993-2005	0.4							0.4*
All Races	Female	1975-1984	1.5*	1984-1994	-0.6	1994-2005	0.6*					0.6*
White	Both Sexes	1975-1978	-2.5	1978-1984	1.0	1984-1994	-0.9*	1994-2005	0.8*			0.8*
White	Male	1975-1994	-1.0*	1994-2005	0.8*							0.8*
White	Female	1975-1984	1.2*	1984-1999	-0.4	1999-2005	1.6*					1.6*
Black	Both Sexes	1975-2005	-0.3									-0.3
Black	Male	1975-2005	-0.6*									-0.6*
Black	Female	1975-2005	0.1									0.1
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-2003	-0.1*	2003-2005	1.2							0.6
All Races	Male	1975-1986	-0.8*	1986-2003	-0.3*	2003-2005	1.3					0.5
All Races	Female	1975-1984	0.8*	1984-2005	0.1*							0.1*
White	Both Sexes	1975-1997	-0.2*	1997-2005	0.4*							0.4*
White	Male	1975-1986	-1.0*	1986-1996	-0.3*	1996-2005	0.2					0.2
White	Female	1975-1983	0.6*	1983-2005	0.1*							0.1*
Black	Both Sexes	1975-1990	1.1*	1990-2005	-0.8*							-0.8*
Black	Male	1975-1990	0.6*	1990-2005	-1.1*							-1.1*
Black	Female	1975-1989	1.9*	1989-2005	-0.6*							-0.6*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Pancreas Cancer, by Race and Sex

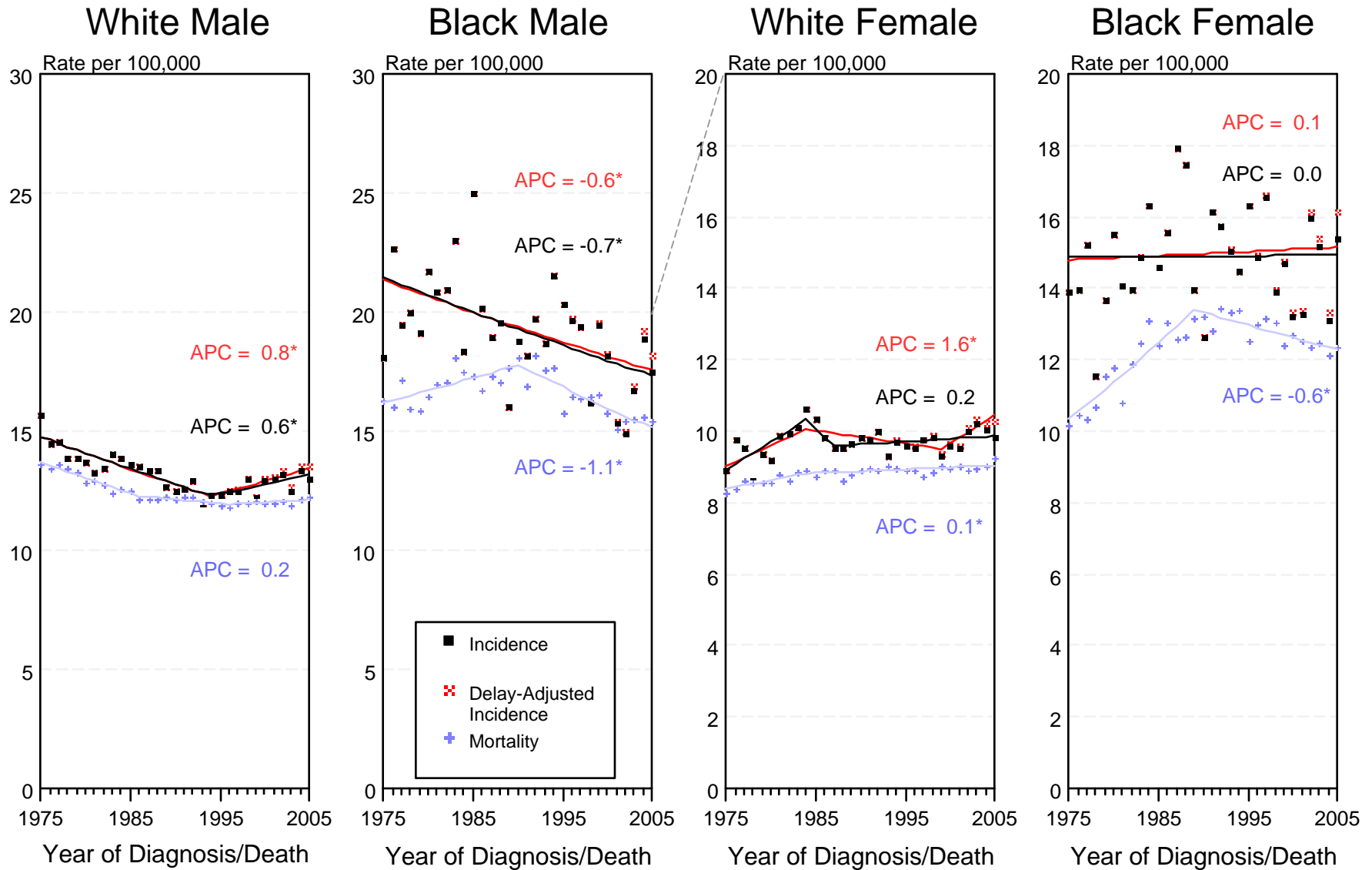


Figure XII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND AGE

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1988	2.6*	1988-1992	16.1*	1992-1995	-9.5	1995-2005	-0.4	-0.4	-0.4
All Races	Under 65	1975-1988	3.1*	1988-1992	23.4*	1992-2002	3.3*	2002-2005	-4.6*	0.6	-2.7*
All Races	65 and Over	1975-1988	2.5*	1988-1992	14.8*	1992-1995	-13.0*	1995-2005	-1.3*	-1.3*	-1.3*
White	All Ages	1975-1988	2.8*	1988-1992	15.9*	1992-1995	-10.3	1995-2005	-0.4	-0.4	-0.4
White	Under 65	1975-1988	3.5*	1988-1992	23.0*	1992-2002	3.1*	2002-2005	-5.1*	0.3	-3.1*
White	65 and Over	1975-1987	2.3*	1987-1992	12.5*	1992-1995	-13.3*	1995-2005	-1.2*	-1.2*	-1.2*
Black	All Ages	1975-1989	2.1*	1989-1992	19.7*	1992-2005	-2.3*			-2.3*	-2.3*
Black	Under 65	1975-1989	2.0*	1989-1993	25.8*	1993-2002	2.6*	2002-2005	-5.0*	0.0	-3.2*
Black	65 and Over	1975-1989	2.0*	1989-1992	20.0*	1992-1995	-8.7	1995-2005	-3.1*	-3.1*	-3.1*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1988	2.6*	1988-1992	16.1*	1992-1995	-9.6	1995-2005	-0.2	-0.2	-0.2
All Races	Under 65	1975-1988	3.1*	1988-1992	23.3*	1992-2002	3.4*	2002-2005	-4.0*	0.8	-2.2
All Races	65 and Over	1975-1988	2.5*	1988-1992	14.8*	1992-1995	-13.1*	1995-2005	-1.0*	-1.0*	-1.0*
White	All Ages	1975-1988	2.8*	1988-1992	16.0*	1992-1995	-10.5	1995-2005	0.1	0.1	0.1
White	Under 65	1975-1988	3.5*	1988-1992	23.0*	1992-2002	3.2*	2002-2005	-4.1*	0.7	-2.3
White	65 and Over	1975-1987	2.3*	1987-1992	12.6*	1992-1995	-13.5*	1995-2005	-0.7	-0.7	-0.7
Black	All Ages	1975-1989	2.1*	1989-1992	19.4*	1992-2005	-1.9*			-1.9*	-1.9*
Black	Under 65	1975-1989	2.0*	1989-1993	25.9*	1993-2002	2.9*	2002-2005	-3.8	0.6	-2.2
Black	65 and Over	1975-1989	2.0*	1989-1992	20.2*	1992-1995	-8.9	1995-2005	-2.6*	-2.6*	-2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1987	0.9*	1987-1991	3.0*	1991-1994	-0.6	1994-2005	-4.1*	-4.1*	-4.1*
All Races	Under 65	1975-1992	0.8*	1992-2000	-4.6*	2000-2005	-2.0*			-3.2*	-2.0*
All Races	65 and Over	1975-1987	0.9*	1987-1991	3.1*	1991-1994	-0.3	1994-2005	-4.1*	-4.1*	-4.1*
White	All Ages	1975-1987	0.8*	1987-1991	3.1*	1991-1994	-0.9	1994-2005	-4.1*	-4.1*	-4.1*
White	Under 65	1975-1987	0.7*	1987-1990	3.6	1990-2001	-4.4*	2001-2005	-1.7	-3.2*	-1.7
White	65 and Over	1975-1987	0.8*	1987-1991	3.2*	1991-1994	-0.6	1994-2005	-4.1*	-4.1*	-4.1*
Black	All Ages	1975-1988	1.9*	1988-1993	3.2*	1993-2000	-2.6*	2000-2005	-5.0*	-3.9*	-5.0*
Black	Under 65	1975-1992	0.5*	1992-2005	-2.9*					-2.9*	-2.9*
Black	65 and Over	1975-1988	2.1*	1988-1993	3.4*	1993-2000	-2.5*	2000-2005	-5.2*	-4.0*	-5.2*

Jointpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table XXIII-1a  
PROSTATE CANCER (Invasive)TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND AGE

		Jointpoint Trend 1		Jointpoint Trend 2		Jointpoint Trend 3		Jointpoint Trend 4		Jointpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1988	2.6*	1988-1992	16.5*	1992-1995	-11.6*	1995-2001	2.0*	2001-2005	-4.9*	-4.9*
All Races	Under 65	1975-1985	2.4*	1985-1989	7.7*	1989-1992	25.6*	1992-2002	3.2*	2002-2005	-4.5*	-2.7*
All Races	65 and Over	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-14.8*	1995-2001	1.0	2001-2005	-5.6*	-5.6*
White	All Ages	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.6*	1995-2001	2.4*	2001-2005	-5.3*	-5.3*
White	Under 65	1975-1985	2.5*	1985-1989	8.8*	1989-1992	24.5*	1992-2002	3.0*	2002-2005	-5.0*	-3.1*
White	65 and Over	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.8*	1995-2001	1.5	2001-2005	-6.1*	-6.1*
Black	All Ages	1975-1989	2.0*	1989-1992	22.0*	1992-1995	-5.9	1995-2002	-0.5	2002-2005	-6.0*	-4.7*
Black	Under 65	1975-1989	2.0*	1989-1993	25.8*	1993-2002	2.6*	2002-2005	-5.0*			-3.2*
Black	65 and Over	1975-1989	2.0*	1989-1992	20.4*	1992-1995	-10.1*	1995-2000	-1.3	2000-2005	-5.1*	-5.1*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-1988	2.6*	1988-1992	16.5*	1992-1995	-11.5*	1995-2001	2.1*	2001-2005	-4.4*	-4.4*
All Races	Under 65	1975-1985	2.4*	1985-1989	7.7*	1989-1992	25.6*	1992-2002	3.3*	2002-2005	-4.0*	-2.2*
All Races	65 and Over	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-14.8*	1995-2001	1.1	2001-2005	-5.1*	-5.1*
White	All Ages	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.5*	1995-2001	2.6*	2001-2005	-4.5*	-4.5*
White	Under 65	1975-1985	2.5*	1985-1989	8.9*	1989-1992	24.4*	1992-2002	3.2*	2002-2005	-4.0*	-2.3
White	65 and Over	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.7*	1995-2001	1.7*	2001-2005	-5.2*	-5.2*
Black	All Ages	1975-1989	2.0*	1989-1992	22.1*	1992-1995	-5.9	1995-2002	-0.2	2002-2005	-4.8*	-3.7*
Black	Under 65	1975-1989	2.0*	1989-1993	25.9*	1993-2002	2.9*	2002-2005	-3.8			-2.2
Black	65 and Over	1975-1989	2.0*	1989-1992	20.2*	1992-1995	-8.9	1995-2005	-2.6*			-2.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1987	0.9*	1987-1991	3.0*	1991-1994	-0.6	1994-2005	-4.1*			-4.1*
All Races	Under 65	1975-1987	0.5*	1987-1990	3.1	1990-1996	-3.2*	1996-2000	-5.5*	2000-2005	-1.7*	-1.7*
All Races	65 and Over	1975-1987	0.9*	1987-1991	3.1*	1991-1994	-0.3	1994-2005	-4.1*			-4.1*
White	All Ages	1975-1987	0.8*	1987-1991	3.1*	1991-1994	-0.9	1994-2005	-4.1*			-4.1*
White	Under 65	1975-1987	0.7*	1987-1990	2.9	1990-1996	-3.5*	1996-1999	-6.9*	1999-2005	-2.0*	-2.0*
White	65 and Over	1975-1987	0.8*	1987-1991	3.2*	1991-1994	-0.6	1994-2005	-4.1*			-4.1*
Black	All Ages	1975-1988	1.9*	1988-1993	3.2*	1993-2000	-2.6*	2000-2005	-5.0*			-5.0*
Black	Under 65	1975-1992	0.5*	1992-2005	-2.9*							-2.9*
Black	65 and Over	1975-1988	2.1*	1988-1993	3.4*	1993-2000	-2.5*	2000-2005	-5.2*			-5.2*

Jointpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (<http://srab.cancer.gov/jointpoint/>).

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

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Jointpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Prostate Cancer, by Race

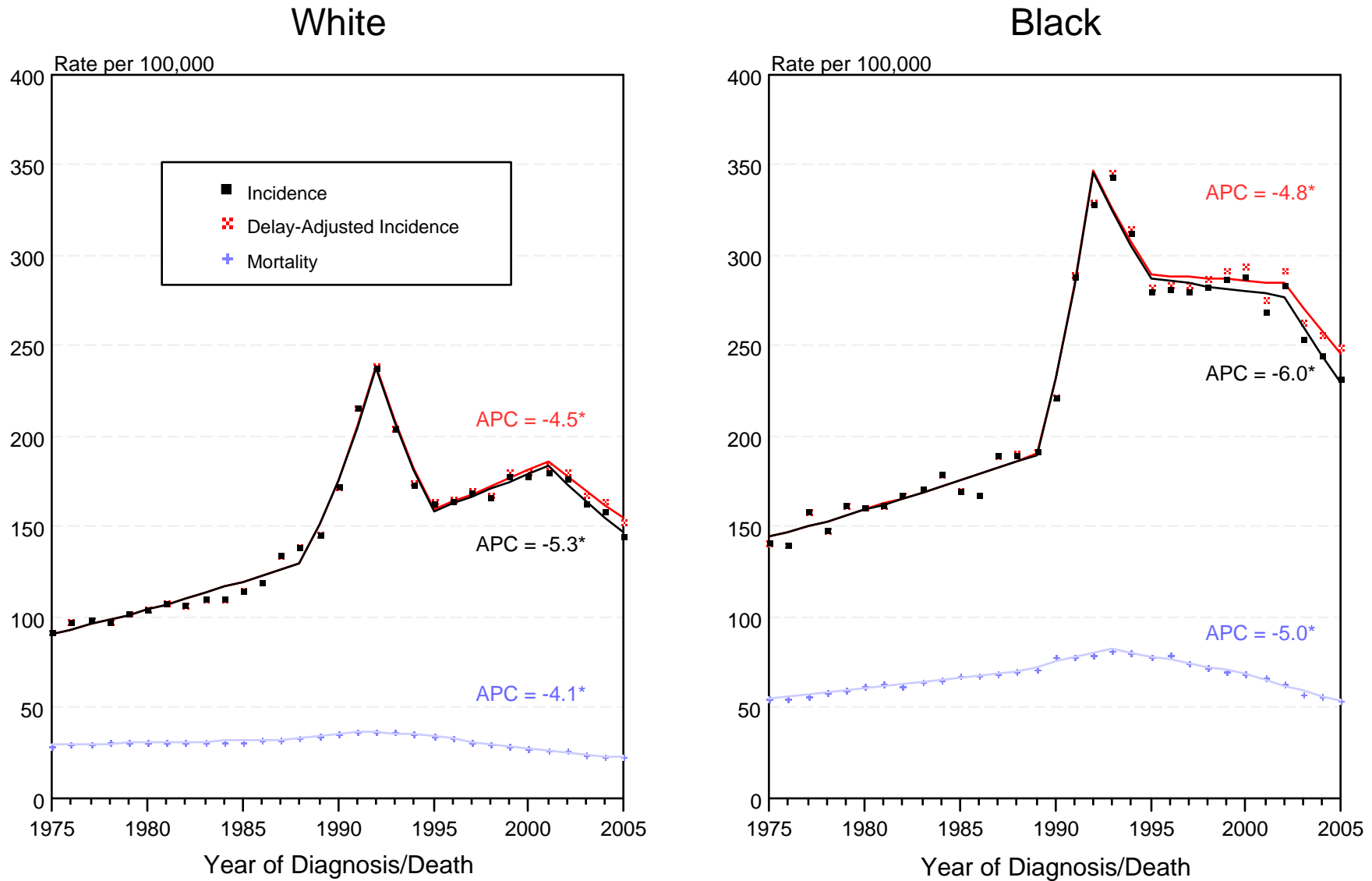


Figure XXIII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Prostate Cancer, by Age and Race

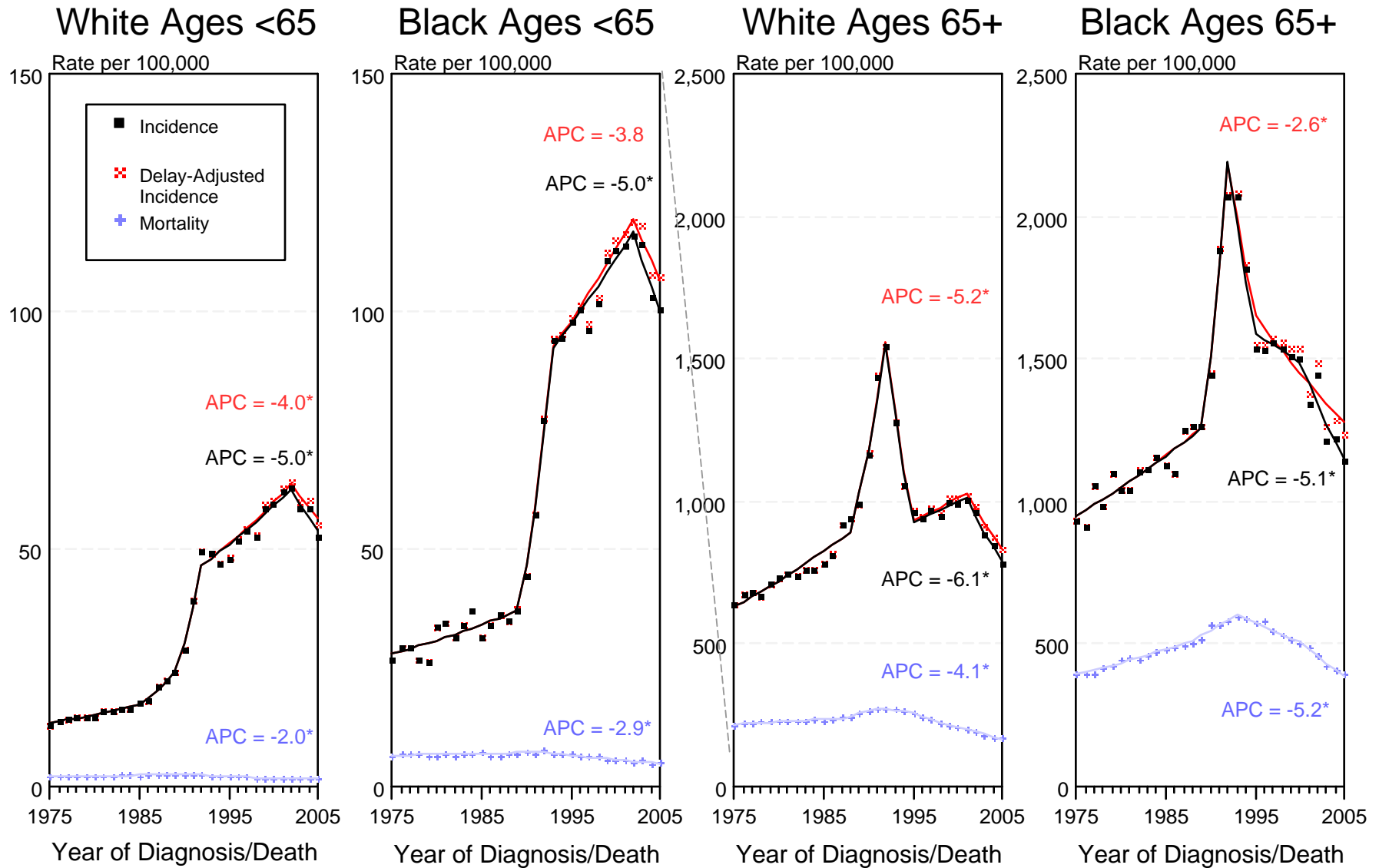


Figure XXIII-2

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	-1.6*							-1.6*	-1.6*
All Races	Male	1975-1988	-1.2*	1988-2005	-2.1*					-2.1*	-2.1*
All Races	Female	1975-2005	-1.6*							-1.6*	-1.6*
White	Both Sexes	1975-2005	-1.9*							-1.9*	-1.9*
White	Male	1975-2005	-1.9*							-1.9*	-1.9*
White	Female	1975-2005	-2.0*							-2.0*	-2.0*
Black	Both Sexes	1975-1982	1.2	1982-2005	-1.8*					-1.8*	-1.8*
Black	Male	1975-1982	2.4	1982-2005	-2.2*					-2.2*	-2.2*
Black	Female	1975-2005	-1.0*							-1.0*	-1.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-2005	-1.6*							-1.6*	-1.6*
All Races	Male	1975-1988	-1.2*	1988-2005	-2.0*					-2.0*	-2.0*
All Races	Female	1975-2005	-1.6*							-1.6*	-1.6*
White	Both Sexes	1975-2005	-1.9*							-1.9*	-1.9*
White	Male	1975-2005	-1.9*							-1.9*	-1.9*
White	Female	1975-2005	-2.0*							-2.0*	-2.0*
Black	Both Sexes	1975-1982	1.1	1982-2005	-1.7*					-1.7*	-1.7*
Black	Male	1975-1982	2.3	1982-2005	-2.1*					-2.1*	-2.1*
Black	Female	1975-2005	-0.9*							-0.9*	-0.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1987	-2.6*	1987-1990	-0.2	1990-2005	-3.0*			-3.0*	-3.0*
All Races	Male	1975-1987	-2.3*	1987-1991	-0.9	1991-2005	-3.5*			-3.5*	-3.5*
All Races	Female	1975-1987	-2.8*	1987-1990	-0.4	1990-2005	-2.7*			-2.7*	-2.7*
White	Both Sexes	1975-1987	-2.8*	1987-1990	-0.7	1990-2005	-3.2*			-3.2*	-3.2*
White	Male	1975-1994	-2.3*	1994-2005	-3.9*					-3.9*	-3.9*
White	Female	1975-1987	-3.1*	1987-1990	-1.0	1990-2005	-2.9*			-2.9*	-2.9*
Black	Both Sexes	1975-1987	-1.6*	1987-1990	0.9	1990-1999	-2.5*	1999-2005	-3.9*	-3.4*	-3.9*
Black	Male	1975-1993	-1.1*	1993-2005	-3.4*					-3.4*	-3.4*
Black	Female	1975-2000	-1.2*	2000-2005	-5.3*					-3.5*	-5.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

Table XXIV-1a  
STOMACH CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC <sup>c</sup>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	-1.6*									-1.6*
All Races	Male	1975-1988	-1.2*	1988-2005	-2.1*							-2.1*
All Races	Female	1975-2005	-1.6*									-1.6*
White	Both Sexes	1975-2005	-1.9*									-1.9*
White	Male	1975-2005	-1.9*									-1.9*
White	Female	1975-2005	-2.0*									-2.0*
Black	Both Sexes	1975-1982	1.2	1982-2005	-1.8*							-1.8*
Black	Male	1975-1982	2.4	1982-2005	-2.2*							-2.2*
Black	Female	1975-2005	-1.0*									-1.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-2005	-1.6*									-1.6*
All Races	Male	1975-1988	-1.2*	1988-2005	-2.0*							-2.0*
All Races	Female	1975-2005	-1.6*									-1.6*
White	Both Sexes	1975-2005	-1.9*									-1.9*
White	Male	1975-2005	-1.9*									-1.9*
White	Female	1975-2005	-2.0*									-2.0*
Black	Both Sexes	1975-2005	-1.4*									-1.4*
Black	Male	1975-1982	2.3	1982-2005	-2.1*							-2.1*
Black	Female	1975-2005	-0.9*									-0.9*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1987	-2.6*	1987-1990	-0.2	1990-2005	-3.0*					-3.0*
All Races	Male	1975-1994	-2.1*	1994-2005	-3.7*							-3.7*
All Races	Female	1975-1987	-2.8*	1987-1990	-0.4	1990-2005	-2.7*					-2.7*
White	Both Sexes	1975-1987	-2.8*	1987-1990	-0.7	1990-2005	-3.2*					-3.2*
White	Male	1975-1994	-2.3*	1994-2005	-3.9*							-3.9*
White	Female	1975-1987	-3.1*	1987-1990	-1.0	1990-2005	-2.9*					-2.9*
Black	Both Sexes	1975-1987	-1.6*	1987-1990	0.9	1990-1999	-2.5*	1999-2005	-3.9*			-3.9*
Black	Male	1975-1993	-1.1*	1993-2005	-3.4*							-3.4*
Black	Female	1975-2000	-1.2*	2000-2005	-5.3*							-5.3*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Stomach Cancer, by Race and Sex

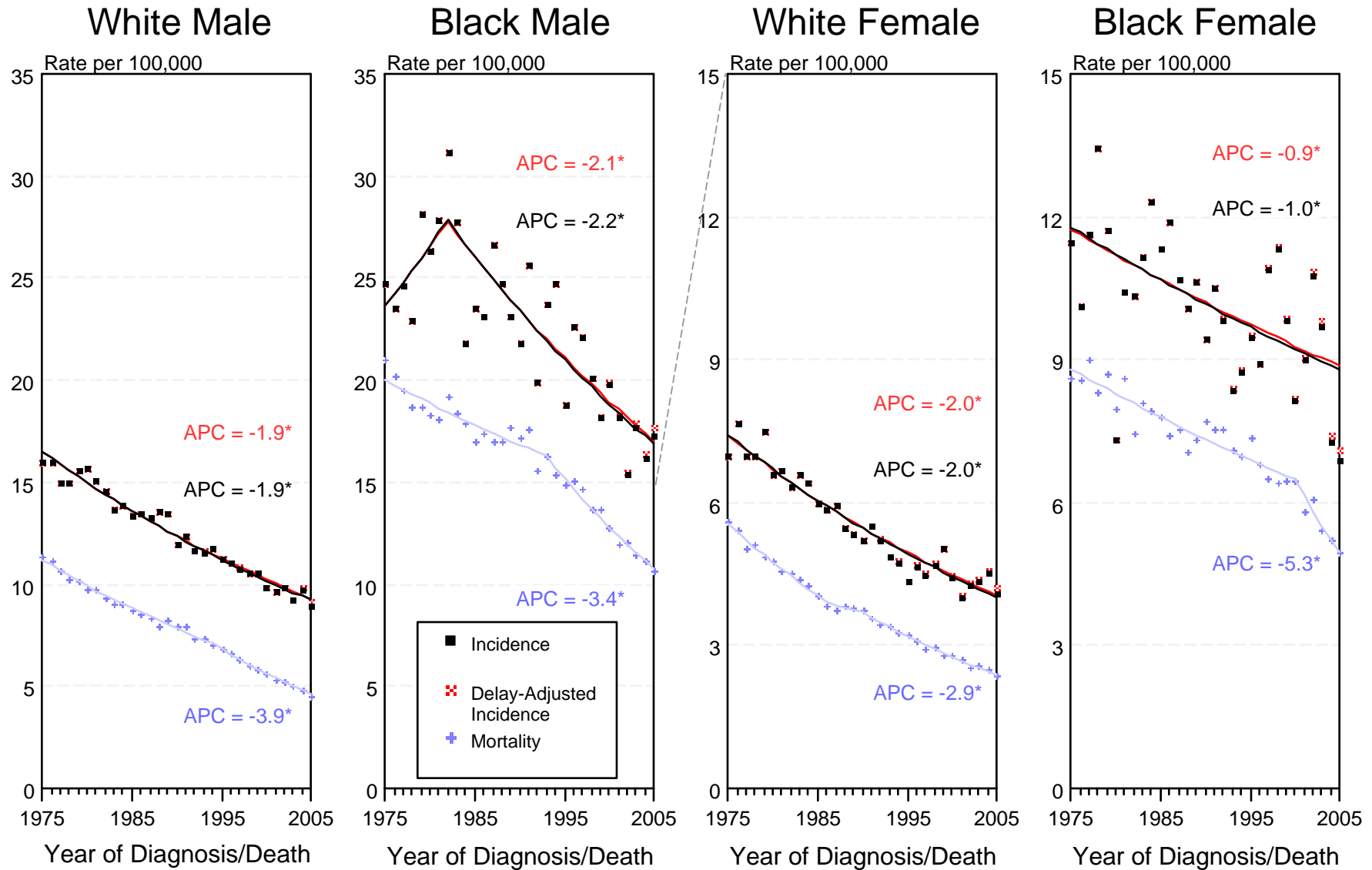


Figure XXIV-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>AAPC<sup>c</sup></u>	
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>1996-2005</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	All Ages	1975-1989	2.3*	1989-2005	0.8*					0.8*	0.8*
All Races	Under 50	1975-1987	3.0*	1987-2005	1.0*					1.0*	1.0*
All Races	50 and Over	1975-2005	-0.1							-0.1	-0.1
White	All Ages	1975-2005	1.6*							1.6*	1.6*
White	Under 50	1975-1987	3.3*	1987-2005	1.2*					1.2*	1.2*
White	50 and Over	1975-2005	0.0							0.0	0.0
Black	All Ages	1975-2005	2.0*							2.0*	2.0*
Black	Under 50	1975-2005	2.0*							2.0*	2.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	All Ages	1975-2005	1.4*							1.4*	1.4*
All Races	Under 50	1975-1987	3.0*	1987-2005	1.0*					1.0*	1.0*
All Races	50 and Over	1975-2005	0.0							0.0	0.0
White	All Ages	1975-2005	1.7*							1.7*	1.7*
White	Under 50	1975-1987	3.3*	1987-2005	1.3*					1.3*	1.3*
White	50 and Over	1975-2005	0.1							0.1	0.1
Black	All Ages	1975-2005	2.1*							2.1*	2.1*
Black	Under 50	1975-2005	2.0*							2.0*	2.0*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	All Ages	1975-1981	-10.5*	1981-1995	-3.1*	1995-2005	-0.1			-0.1	-0.1
All Races	Under 50	1975-1982	-10.8*	1982-2005	-1.9*					-1.9*	-1.9*
All Races	50 and Over	1975-1991	-5.7*	1991-2005	0.2					0.2	0.2
White	All Ages	1975-1981	-10.9*	1981-1995	-2.9*	1995-2005	-0.3			-0.3	-0.3
White	Under 50	1975-1982	-10.9*	1982-2005	-1.8*					-1.8*	-1.8*
White	50 and Over	1975-1990	-5.9*	1990-2005	-0.1					-0.1	-0.1
Black	All Ages	1975-1995	-3.7*	1995-2005	3.3					3.3	3.3
Black	Under 50	1975-2005	-1.0*							-1.0*	-1.0*
Black	50 and Over	1975-2005	-2.6*							-2.6*	-2.6*

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

Table XXV-1a  
TESTIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO FOUR JOINTPOINTS BY RACE AND AGE

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>Years</u>	<u>APC</u>	<u>2001-2005</u>
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	All Ages	1975-2005	1.4*									1.4*
All Races	Under 50	1975-1987	3.0*	1987-2005	1.0*							1.0*
All Races	50 and Over	1975-2005	-0.1									-0.1
White	All Ages	1975-2005	1.6*									1.6*
White	Under 50	1975-1987	3.3*	1987-2005	1.2*							1.2*
White	50 and Over	1975-2005	0.0									0.0
Black	All Ages	1975-2005	2.0*									2.0*
Black	Under 50	1975-2005	2.0*									2.0*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	All Ages	1975-2005	1.4*									1.4*
All Races	Under 50	1975-1987	3.0*	1987-2005	1.0*							1.0*
All Races	50 and Over	1975-2005	0.0									0.0
White	All Ages	1975-2005	1.7*									1.7*
White	Under 50	1975-1987	3.3*	1987-2005	1.3*							1.3*
White	50 and Over	1975-2005	0.1									0.1
Black	All Ages	1975-2005	2.1*									2.1*
Black	Under 50	1975-2005	2.0*									2.0*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	All Ages	1975-1981	-10.5*	1981-1995	-3.1*	1995-2005	-0.1					-0.1
All Races	Under 50	1975-1982	-10.8*	1982-2005	-1.9*							-1.9*
All Races	50 and Over	1975-1991	-5.7*	1991-2005	0.2							0.2
White	All Ages	1975-1981	-10.9*	1981-1995	-2.9*	1995-2005	-0.3					-0.3
White	Under 50	1975-1982	-10.9*	1982-2005	-1.8*							-1.8*
White	50 and Over	1975-1990	-5.9*	1990-2005	-0.1							-0.1
Black	All Ages	1975-1995	-3.7*	1995-2005	3.3							3.3
Black	Under 50	1975-2005	-1.0*									-1.0*
Black	50 and Over	1975-2005	-2.6*									-2.6*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Testis Cancer, by Race

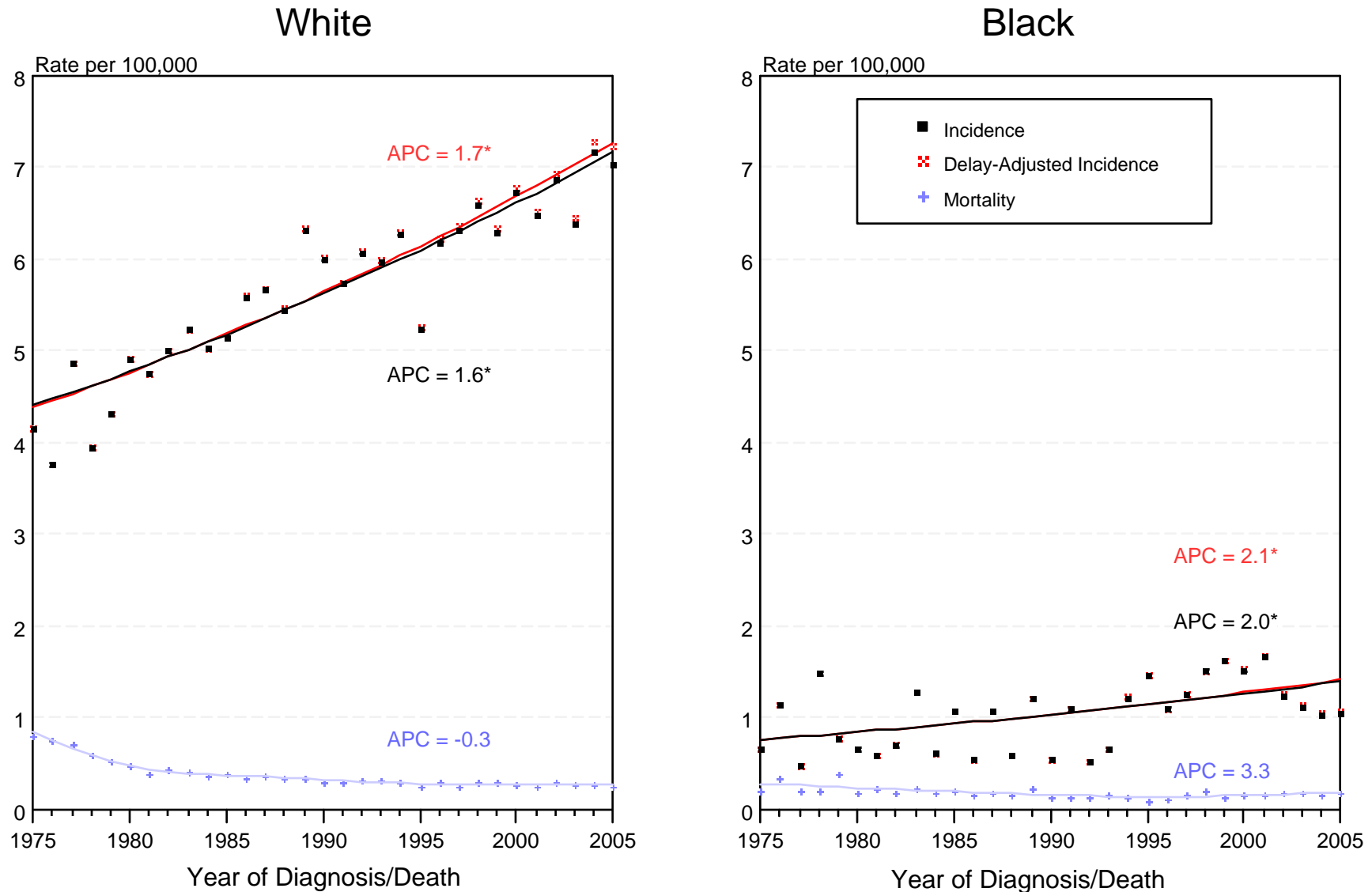


Figure XXV-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> Testis Cancer, by Age and Race

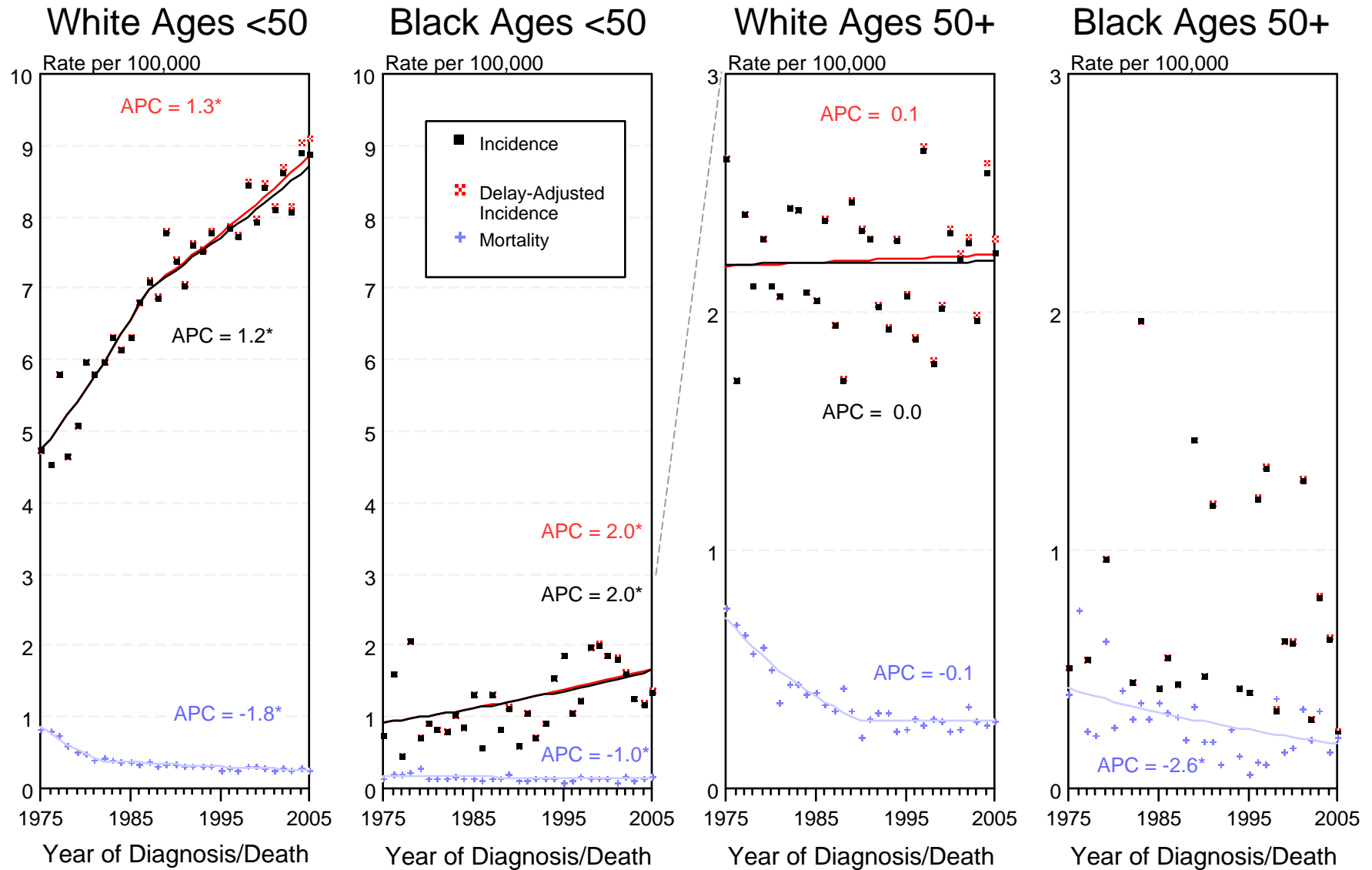


Figure XXV-2

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1977	6.1	1977-1980	-6.6	1980-1997	2.4*	1997-2005	6.4*	5.9*	6.4*
All Races	Male	1975-1980	-4.7*	1980-1998	1.9*	1998-2005	6.0*			5.1*	6.0*
All Races	Female	1975-1977	6.6	1977-1980	-5.6	1980-1996	2.5*	1996-2005	6.4*	6.4*	6.4*
White	Both Sexes	1975-1977	7.3	1977-1980	-6.8	1980-1998	2.8*	1998-2005	7.4*	6.4*	7.4*
White	Male	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.6*	1999-2005	6.9*	5.4*	6.9*
White	Female	1975-1982	-1.1	1982-1998	3.1*	1998-2005	7.9*			6.8*	7.9*
Black	Both Sexes	1975-1988	-0.9	1988-2005	4.4*					4.4*	4.4*
Black	Male	1975-2005	2.3*							2.3*	2.3*
Black	Female	1975-1988	-1.2	1988-2005	4.7*					4.7*	4.7*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1977	6.1	1977-1980	-6.6	1980-1997	2.4*	1997-2005	6.6*	6.1*	6.6*
All Races	Male	1975-1977	5.6	1977-1980	-8.8	1980-1999	2.1*	1999-2005	6.7*	5.2*	6.7*
All Races	Female	1975-1981	-1.6	1981-1996	2.5*	1996-2005	6.6*			6.6*	6.6*
White	Both Sexes	1975-1977	7.3	1977-1980	-6.9	1980-1998	2.9*	1998-2005	7.8*	6.7*	7.8*
White	Male	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.7*	1999-2005	7.3*	5.7*	7.3*
White	Female	1975-1982	-1.1	1982-1998	3.2*	1998-2005	8.2*			7.1*	8.2*
Black	Both Sexes	1975-1988	-1.0	1988-2005	4.5*					4.5*	4.5*
Black	Male	1975-2005	2.4*							2.4*	2.4*
Black	Female	1975-1988	-1.3	1988-2005	4.8*					4.8*	4.8*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1986	-2.4*	1986-2005	0.4*					0.4*	0.4*
All Races	Male	1975-1983	-2.9*	1983-2005	1.0*					1.0*	1.0*
All Races	Female	1975-1988	-2.5*	1988-2005	0.2					0.2	0.2
White	Both Sexes	1975-1987	-2.4*	1987-2005	0.5*					0.5*	0.5*
White	Male	1975-1983	-2.9*	1983-2005	1.1*					1.1*	1.1*
White	Female	1975-1988	-2.7*	1988-2005	0.2					0.2	0.2
Black	Both Sexes	1975-2005	-0.4							-0.4	-0.4
Black	Male	1975-2005	-0.1							-0.1	-0.1
Black	Female	1975-2005	-0.5*							-0.5*	-0.5*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
 Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
 The APC/AAPC is significantly different from zero (p<.05).

a  
b  
c  
\*

Table XXVI-1a  
THYROID CANCER (Invasive)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1977	6.1	1977-1980	-6.6	1980-1997	2.4*	1997-2005	6.4*			6.4*
All Races	Male	1975-1980	-4.7*	1980-1998	1.9*	1998-2005	6.0*					6.0*
All Races	Female	1975-1977	6.6	1977-1980	-5.6	1980-1996	2.5*	1996-2005	6.4*			6.4*
White	Both Sexes	1975-1977	7.3	1977-1980	-6.8	1980-1998	2.8*	1998-2005	7.4*			7.4*
White	Male	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.6*	1999-2005	6.9*			6.9*
White	Female	1975-1977	6.4	1977-1980	-4.8	1980-1993	2.4*	1993-1999	4.8*	1999-2005	7.7*	7.7*
Black	Both Sexes	1975-1988	-0.9	1988-2005	4.4*							4.4*
Black	Male	1975-2005	2.3*									2.3*
Black	Female	1975-1988	-1.2	1988-2005	4.7*							4.7*
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1977	6.1	1977-1980	-6.6	1980-1997	2.4*	1997-2005	6.6*			6.6*
All Races	Male	1975-1980	-4.7*	1980-1998	1.9*	1998-2005	6.2*					6.2*
All Races	Female	1975-1977	6.7	1977-1980	-6.0	1980-1997	2.7*	1997-2005	6.9*			6.9*
White	Both Sexes	1975-1977	7.0	1977-1980	-6.1	1980-1993	2.5*	1993-1999	4.1*	1999-2005	7.8*	7.8*
White	Male	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.7*	1999-2005	7.3*			7.3*
White	Female	1975-1977	6.4	1977-1980	-4.8	1980-1993	2.4*	1993-1999	4.9*	1999-2005	8.0*	8.0*
Black	Both Sexes	1975-1988	-1.0	1988-2005	4.5*							4.5*
Black	Male	1975-2005	2.4*									2.4*
Black	Female	1975-1988	-1.3	1988-2005	4.8*							4.8*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1986	-2.4*	1986-2005	0.4*							0.4*
All Races	Male	1975-1983	-2.9*	1983-2005	1.0*							1.0*
All Races	Female	1975-1988	-2.5*	1988-2005	0.2							0.2
White	Both Sexes	1975-1987	-2.4*	1987-2005	0.5*							0.5*
White	Male	1975-1983	-2.9*	1983-2005	1.1*							1.1*
White	Female	1975-1988	-2.7*	1988-2005	0.2							0.2
Black	Both Sexes	1975-2005	-0.4									-0.4
Black	Male	1975-2005	-0.1									-0.1
Black	Female	1975-2005	-0.5*									-0.5*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

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

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

a  
b  
c  
\*

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Thyroid Cancer, by Race and Sex

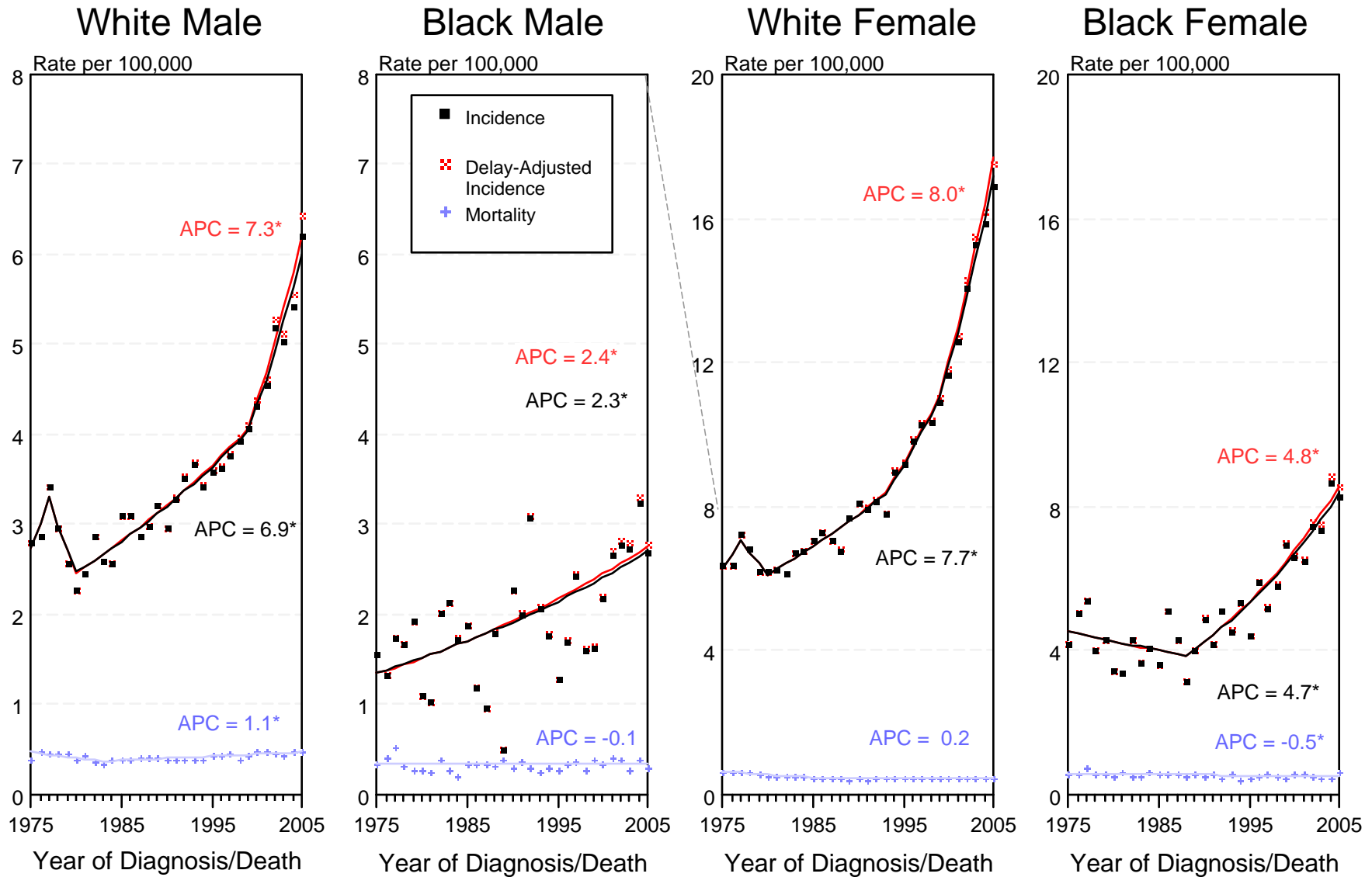


Figure XXVI-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC <sup>c</sup>	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.5	1999-2005	-0.6	0.1	-0.6*
All Races	Male	1975-1987	1.0*	1987-1996	-0.5*	1996-1999	1.8	1999-2005	-0.7*	0.1	-0.7*
All Races	Female	1975-2005	0.1*							0.1*	0.1*
White	Both Sexes	1975-1987	1.0*	1987-1996	-0.1	1996-1999	1.7	1999-2005	-0.4	0.3	-0.4
White	Male	1975-1987	1.2*	1987-1995	-0.6	1995-1999	1.3	1999-2005	-0.6	0.1	-0.6
White	Female	1975-2005	0.3*							0.3*	0.3*
Black	Both Sexes	1975-2005	0.2							0.2	0.2
Black	Male	1975-2005	0.2							0.2	0.2
Black	Female	1975-2005	0.4							0.4	0.4
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>											
All Races	Both Sexes	1975-1986	0.7*	1986-2005	0.2*					0.2*	0.2*
All Races	Male	1975-1986	0.9*	1986-2005	0.0					0.0	0.0
All Races	Female	1975-2005	0.2*							0.2*	0.2*
White	Both Sexes	1975-1987	1.0*	1987-1996	0.0	1996-1999	1.7	1999-2005	0.0	0.6	0.0
White	Male	1975-1987	1.2*	1987-1994	-0.4	1994-2005	0.4*			0.4*	0.4*
White	Female	1975-2005	0.4*							0.4*	0.4*
Black	Both Sexes	1975-2005	0.3*							0.3*	0.3*
Black	Male	1975-2005	0.3							0.3	0.3
Black	Female	1975-2005	0.6*							0.6*	0.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>											
All Races	Both Sexes	1975-1977	0.0	1977-1987	-2.1*	1987-2005	-0.2*			-0.2*	-0.2*
All Races	Male	1975-1987	-1.8*	1987-2005	-0.4*					-0.4*	-0.4*
All Races	Female	1975-1986	-1.7*	1986-2005	-0.4*					-0.4*	-0.4*
White	Both Sexes	1975-1977	0.1	1977-1987	-2.2*	1987-2005	0.0			0.0	0.0
White	Male	1975-1988	-1.7*	1988-2005	-0.2*					-0.2*	-0.2*
White	Female	1975-1986	-1.8*	1986-2005	-0.3*					-0.3*	-0.3*
Black	Both Sexes	1975-2005	-1.1*							-1.1*	-1.1*
Black	Male	1975-2005	-1.1*							-1.1*	-1.1*
Black	Female	1975-2005	-0.9*							-0.9*	-0.9*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.  
The APC/AAPC is significantly different from zero ( $p < .05$ ).

a  
b  
c  
\*

Table XXVII-1a  
 URINARY BLADDER CANCER (*Invasive and In Situ*)

TRENDS IN SEER INCIDENCE<sup>a</sup> AND U.S. MORTALITY<sup>b</sup> USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005  
 WITH UP TO FOUR JOINTPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC<sup>c</sup></u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.5	1999-2005	-0.6			-0.6*
All Races	Male	1975-1987	0.9*	1987-2005	-0.1							-0.1
All Races	Female	1975-2005	0.1*									0.1*
White	Both Sexes	1975-1987	1.0*	1987-1996	-0.1	1996-1999	1.7	1999-2005	-0.4			-0.4
White	Male	1975-1987	1.1*	1987-2005	0.0							0.0
White	Female	1975-2005	0.3*									0.3*
Black	Both Sexes	1975-2005	0.2									0.2
Black	Male	1975-2005	0.2									0.2
Black	Female	1975-2005	0.4									0.4
<u>SEER Delay-Adjusted Incidence<sup>a</sup></u>												
All Races	Both Sexes	1975-1986	0.7*	1986-2005	0.2*							0.2*
All Races	Male	1975-1986	0.9*	1986-2005	0.0							0.0
All Races	Female	1975-2005	0.2*									0.2*
White	Both Sexes	1975-1987	1.0*	1987-1996	0.0	1996-1999	1.7	1999-2005	0.0			0.0
White	Male	1975-1987	1.0*	1987-2005	0.1							0.1
White	Female	1975-2005	0.4*									0.4*
Black	Both Sexes	1975-2005	0.3*									0.3*
Black	Male	1975-2005	0.3									0.3
Black	Female	1975-2005	0.6*									0.6*
<u>U.S. Cancer Mortality<sup>b</sup></u>												
All Races	Both Sexes	1975-1977	0.0	1977-1987	-2.1*	1987-2005	-0.2*					-0.2*
All Races	Male	1975-1983	-1.4*	1983-1987	-2.7*	1987-1993	0.1	1993-2003	-0.7*	2003-2005	1.1	0.2
All Races	Female	1975-1986	-1.7*	1986-2005	-0.4*							-0.4*
White	Both Sexes	1975-1977	0.1	1977-1987	-2.2*	1987-2005	0.0					0.0
White	Male	1975-1983	-1.4*	1983-1987	-2.7*	1987-1993	0.1	1993-2003	-0.5*	2003-2005	1.2	0.3
White	Female	1975-1986	-1.8*	1986-2005	-0.3*							-0.3*
Black	Both Sexes	1975-2005	-1.1*									-1.1*
Black	Male	1975-2005	-1.1*									-1.1*
Black	Female	1975-2005	-0.9*									-0.9*

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

<sup>b</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

# SEER Incidence, Delay Adjusted Incidence and US Death Rates<sup>a</sup> Urinary Bladder Cancer, by Race and Sex

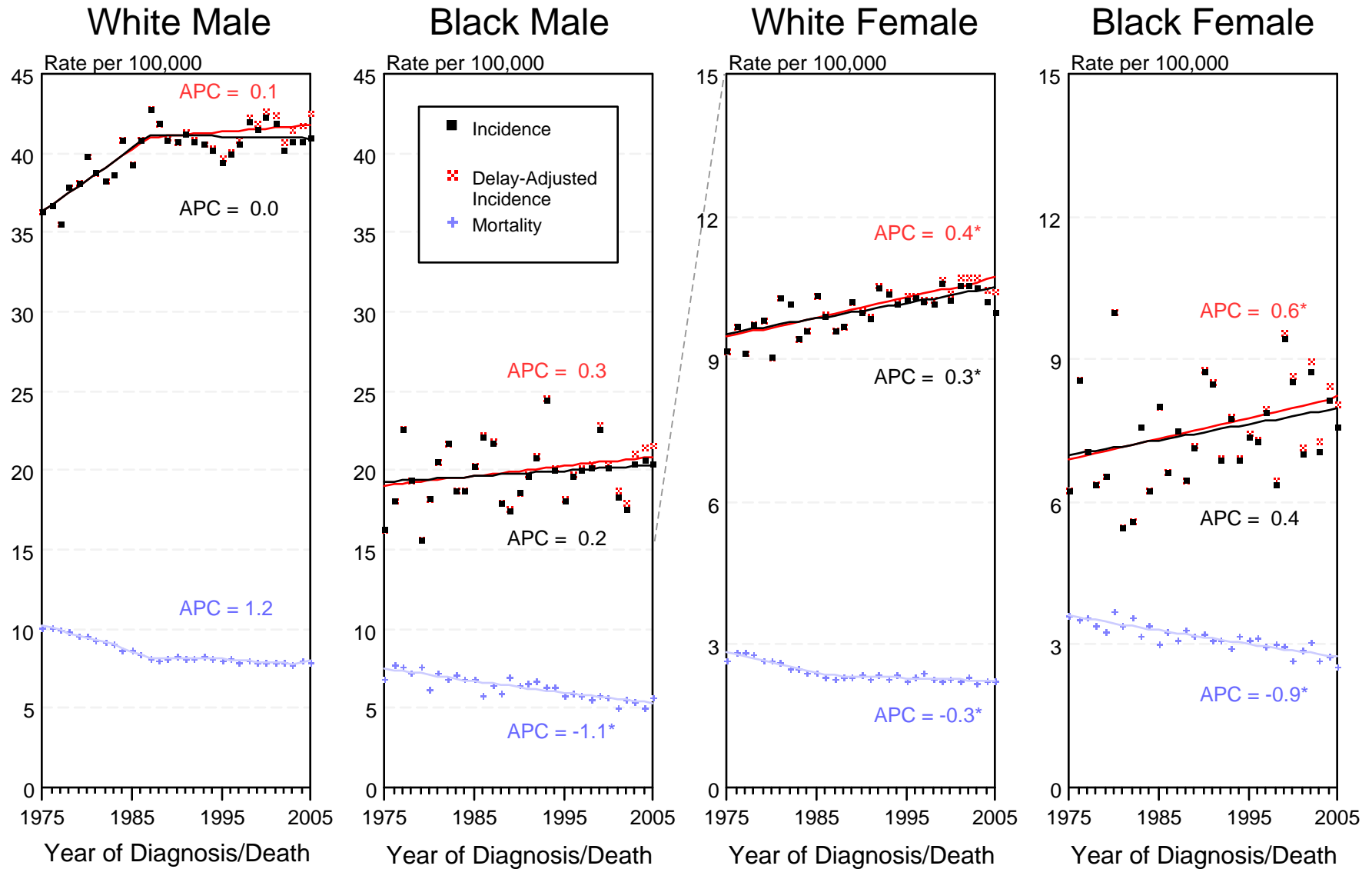
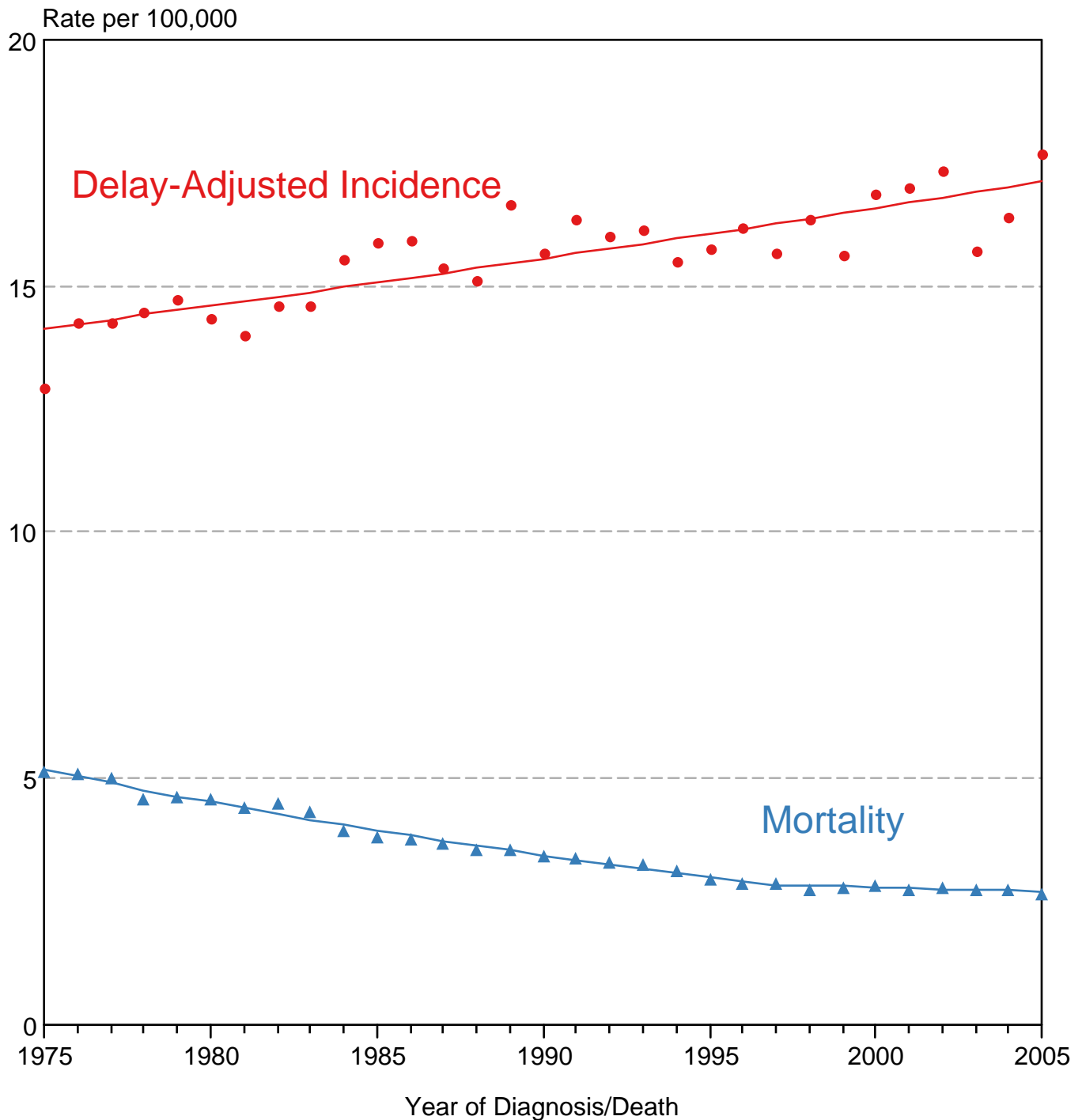


Figure XXVII-1

<sup>a</sup> Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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.

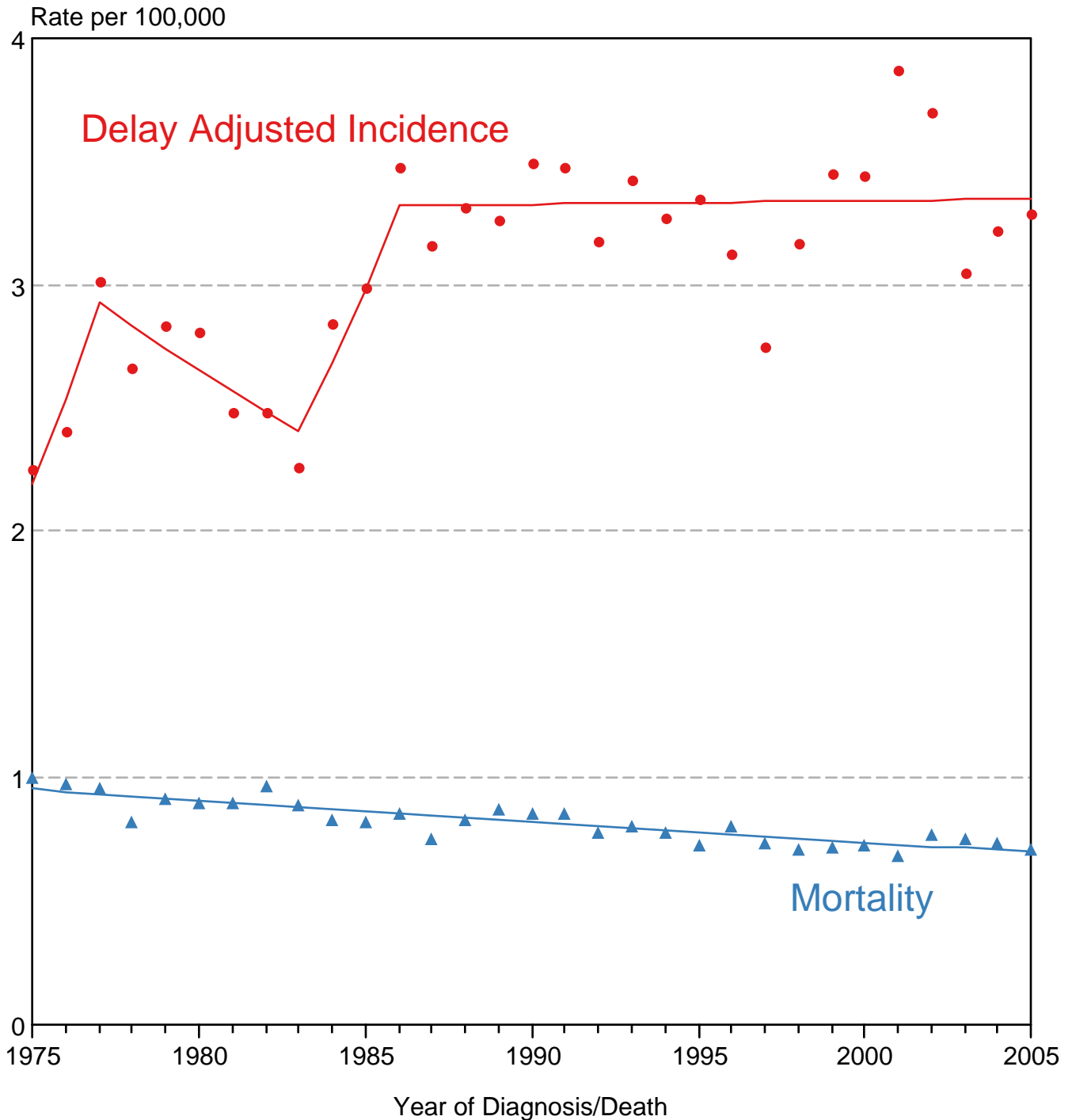
\* The APC is significantly different from zero ( $p < 0.05$ ).

# SEER Delay-Adjusted Incidence and US Mortality All Childhood Cancers, Under 20 Years of Age Both Sexes, All Races, 1975-2005



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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 3.3, April 2008, National Cancer Institute.

# SEER Delay-Adjusted Incidence and US Mortality Brain and CNS, Under 15 Years of Age Both Sexes, All Races, 1975-2005



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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 3.3, April 2008, National Cancer Institute.