

Table I-20
 US AND SEER DEATH RATES BY PRIMARY CANCER SITE AND RACE/ETHNICITY, 2000-2004

Site		Total United States ^a							SEER 17 Areas ^{ab}						
		Total	White	Black	AI/AN ^c	API ^d	Hisp ^e	W-NHisp ^e	Total	White	Black	AI/AN ^c	API ^d	Hisp ^e	W-NHisp ^e
All Sites	Both Sexes	192.7	190.7	238.8	160.4	115.5	129.1	194.7	186.1	187.0	240.0	143.7	122.9	127.9	193.3
	Male	238.7	234.7	321.8	187.9	141.7	162.2	239.2	226.7	226.2	316.0	168.6	152.4	157.3	233.2
	Female	162.2	161.4	189.3	141.2	96.7	106.7	165.1	159.2	161.2	193.8	125.8	101.6	108.1	167.0
Oral Cavity & Pharynx	Both Sexes	2.7	2.5	3.9	2.5	2.3	1.7	2.6	2.7	2.6	3.9	3.0	2.5	1.6	2.7
	Male	4.1	3.8	6.8	3.8	3.4	2.8	3.9	4.0	3.8	6.6	3.8	3.7	2.6	3.9
	Female	1.5	1.5	1.7	1.5	1.3	0.8	1.5	1.6	1.6	1.9	2.4	1.4	0.9	1.6
Esophagus	Both Sexes	4.4	4.3	6.0	3.8	1.8	2.4	4.5	4.1	4.2	5.2	4.1	1.9	2.3	4.4
	Male	7.8	7.7	10.2	6.7	3.1	4.2	7.9	7.2	7.4	9.0	7.2	3.3	4.2	7.8
	Female	1.8	1.7	3.0	1.5	0.8	1.0	1.7	1.7	1.6	2.5	-	0.9	0.9	1.7
Stomach	Both Sexes	4.2	3.7	8.2	7.2	8.0	6.8	3.5	4.7	4.1	8.5	7.8	8.3	7.3	3.6
	Male	5.9	5.2	11.9	9.6	10.5	9.1	4.9	6.6	5.7	12.2	11.0	11.1	9.9	5.1
	Female	3.0	2.6	5.8	5.5	6.2	5.1	2.4	3.4	2.9	6.0	5.7	6.2	5.6	2.5
Colon & Rectum	Both Sexes	19.4	18.9	26.7	17.0	12.3	13.6	19.2	18.7	18.4	26.9	16.6	13.2	12.7	18.9
	Male	23.5	22.9	32.7	20.6	15.0	17.0	23.3	22.3	22.0	32.0	19.7	16.5	16.0	22.6
	Female	16.4	15.9	22.9	14.3	10.3	11.1	16.2	15.9	15.6	23.6	14.5	10.8	10.2	16.1
Liver & Intrahepatic Bile Duct	Both Sexes	4.9	4.5	6.5	8.4	10.6	7.6	4.2	5.4	4.8	6.8	8.7	10.8	7.6	4.4
	Male	7.1	6.5	10.0	10.7	15.5	10.8	6.1	7.9	6.8	10.8	11.0	15.7	10.6	6.3
	Female	3.1	2.8	3.9	6.4	6.7	5.0	2.7	3.4	3.1	3.8	6.9	6.8	5.1	2.8
Pancreas	Both Sexes	10.6	10.4	13.8	7.5	7.4	8.3	10.5	10.5	10.5	14.1	7.2	7.8	8.4	10.7
	Male	12.2	12.0	15.5	7.6	7.9	9.1	12.2	11.9	12.0	15.2	7.6	8.5	8.6	12.3
	Female	9.2	9.0	12.4	7.3	6.9	7.5	9.1	9.4	9.2	13.0	6.9	7.3	8.1	9.3
Larynx	Both Sexes	1.3	1.2	2.5	1.1	0.4	0.9	1.2	1.2	1.1	2.6	-	0.4	0.8	1.2
	Male	2.4	2.2	5.0	1.9	0.8	1.9	2.2	2.2	2.0	5.3	-	0.9	1.7	2.1
	Female	0.5	0.5	0.8	-	0.1	0.2	0.5	0.4	0.4	0.8	-	-	0.1	0.5
Lung & Bronchus	Both Sexes	54.7	55.0	62.0	39.9	26.9	23.6	57.4	50.5	51.4	62.8	30.9	28.7	22.2	54.9
	Male	73.4	72.6	95.8	49.6	38.3	36.0	75.4	65.9	65.8	93.7	39.9	41.5	32.8	69.6
	Female	41.1	42.1	39.8	32.7	18.5	14.6	44.3	39.3	41.1	42.3	24.1	19.2	14.7	44.4
Melanoma of the Skin	Both Sexes	2.6	3.0	0.4	1.0	0.3	0.7	3.2	2.5	3.0	0.4	-	0.4	0.7	3.3
	Male	3.9	4.3	0.5	1.3	0.4	0.9	4.7	3.7	4.4	0.5	-	0.5	0.9	4.9
	Female	1.7	2.0	0.4	0.7	0.3	0.6	2.1	1.6	1.9	0.4	-	0.3	0.6	2.1
Breast	Female	25.5	25.0	33.8	16.1	12.6	16.1	25.5	25.3	25.3	34.9	13.6	13.9	15.7	26.4

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 17 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c Rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Asian/Pacific Islander.

^e Hispanic (Hisp) and White Non-Hispanic (W-NHisp) are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Mortality data for Hispanics and White Non-Hispanics do not include cases from Minnesota, New Hampshire, and North Dakota.

- Statistic could not be calculated due to less than 16 cases in the time interval.

Table I-20 - continued
 US AND SEER DEATH RATES BY PRIMARY CANCER SITE AND RACE/ETHNICITY, 2000-2004

Site		Total United States ^a							SEER 17 Areas ^{ab}						
		Total	White	Black	AI/AN ^c	API ^d	Hispe	W-NHispe ^e	Total	White	Black	AI/AN ^c	API ^d	Hispe	W-NHispe ^e
Cervix	Female	2.6	2.3	4.9	4.0	2.4	3.3	2.2	2.5	2.3	4.3	2.6	2.5	3.4	2.1
Corpus & Uterus, NOS	Female	4.1	3.9	7.1	2.9	2.4	3.1	3.9	4.1	4.0	7.0	2.6	2.6	3.0	4.0
Ovary	Female	8.9	9.2	7.4	7.1	4.8	6.1	9.5	9.1	9.6	7.6	7.3	5.2	6.6	10.0
Prostate	Male	27.9	25.6	62.3	21.5	11.3	21.2	25.6	26.9	25.8	57.9	16.4	12.3	21.0	26.1
Testis	Male	0.3	0.3	0.2	-	0.1	0.2	0.3	0.2	0.3	0.1	-	0.1	0.2	0.3
Urinary Bladder	Both Sexes	4.3	4.5	3.7	1.9	1.8	2.4	4.6	4.2	4.4	3.9	1.6	1.9	2.3	4.6
	Male	7.5	7.9	5.3	3.1	2.9	3.9	8.1	7.1	7.6	5.6	-	3.1	3.7	8.0
	Female	2.3	2.3	2.8	1.1	1.0	1.4	2.3	2.2	2.3	2.9	-	1.0	1.4	2.3
Kidney & Renal Pelvis	Both Sexes	4.2	4.3	4.1	6.5	1.7	3.6	4.3	4.0	4.2	4.1	5.0	1.9	3.6	4.2
	Male	6.1	6.2	6.1	9.3	2.4	5.4	6.2	5.9	6.1	6.2	7.6	2.7	5.1	6.2
	Female	2.8	2.8	2.8	4.3	1.1	2.3	2.8	2.6	2.7	2.7	3.0	1.2	2.5	2.7
Brain & Nervous System	Both Sexes	4.4	4.8	2.6	2.1	2.0	2.8	4.9	4.3	4.8	2.7	1.8	2.0	2.9	5.0
	Male	5.4	5.8	3.2	2.6	2.5	3.4	6.0	5.3	5.8	3.2	2.4	2.7	3.5	6.2
	Female	3.6	3.9	2.2	1.8	1.5	2.4	4.0	3.5	3.9	2.2	-	1.5	2.5	4.1
Thyroid	Both Sexes	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	-	0.6	0.6	0.5
	Male	0.5	0.5	0.4	-	0.4	0.5	0.5	0.5	0.5	0.4	-	0.4	0.5	0.5
	Female	0.5	0.5	0.5	0.7	0.7	0.6	0.4	0.5	0.5	0.5	-	0.7	0.7	0.5
Hodgkin Lymphoma	Both Sexes	0.5	0.5	0.4	0.3	0.2	0.4	0.5	0.5	0.5	0.4	-	0.2	0.4	0.5
	Male	0.6	0.6	0.5	-	0.3	0.6	0.6	0.6	0.6	0.5	-	0.3	0.5	0.6
	Female	0.4	0.4	0.3	-	0.2	0.3	0.4	0.4	0.4	0.3	-	0.2	0.3	0.4
Non-Hodgkin Lymphoma	Both Sexes	7.6	7.9	5.2	5.5	4.8	5.7	8.0	7.4	7.8	5.3	5.4	5.2	5.7	8.0
	Male	9.6	9.9	6.5	6.1	5.8	6.9	10.1	9.4	9.9	6.8	5.3	6.4	7.0	10.2
	Female	6.2	6.4	4.3	5.0	3.9	4.8	6.5	5.9	6.2	4.2	5.2	4.3	4.6	6.4
Myeloma	Both Sexes	3.7	3.5	7.1	3.8	1.6	3.1	3.5	3.7	3.5	7.2	3.3	1.7	3.3	3.5
	Male	4.6	4.4	8.5	4.2	1.9	3.7	4.4	4.5	4.4	8.8	3.2	2.0	4.0	4.4
	Female	3.1	2.8	6.3	3.5	1.5	2.6	2.8	3.0	2.9	6.2	3.5	1.5	2.9	2.9
Leukemia	Both Sexes	7.5	7.7	6.7	4.8	3.9	5.1	7.8	7.3	7.6	6.9	3.9	4.1	5.0	7.8
	Male	10.0	10.3	8.8	5.6	5.0	6.4	10.4	9.7	10.2	9.2	4.9	5.3	6.3	10.4
	Female	5.7	5.8	5.3	4.1	3.0	4.1	5.9	5.6	5.8	5.4	2.8	3.2	4.0	5.9

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 17 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c Rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Asian/Pacific Islander.

^e Hispanic (Hispe) and White Non-Hispanic (W-NHispe) are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Mortality data for Hispanics and White Non-Hispanics do not include cases from Minnesota, New Hampshire, and North Dakota.

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Table I-23
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

Both Sexes

	All Races		White		Black	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	470.1	-0.6*	477.5	-0.5	504.1	-1.0*
Prostate ^f	73.9	0.3	71.6	0.4	105.5	-1.1
Breast	69.6	-1.1*	71.5	-1.1	76.6	-1.6*
Lung and Bronchus	64.5	-1.4*	65.7	-1.3*	68.0	-0.6*
Colon and Rectum	51.6	-1.5*	51.2	-1.6*	62.1	-0.4
Urinary Bladder	21.1	0.0	23.0	0.1	15.0	-1.6*
Non-Hodgkin Lymphoma	19.3	0.1	21.6	1.8*	14.6	0.2
Melanoma of the Skin	18.5	1.2*	20.2	0.2	14.3	1.4
Kidney and Renal Pelvis	12.8	2.1*	13.3	2.3*	12.6	0.7
Corpus and Uterus, NOS ^f	12.6	-1.0*	13.1	-1.2*	12.5	-2.9*
Leukemia	12.3	-1.0*	12.8	-1.1*	11.3	1.3
Pancreas	11.4	0.0	11.2	0.3	11.3	-0.5
Oral Cavity and Pharynx	10.5	-1.5*	10.6	-1.3*	11.1	-3.0*
Thyroid	8.5	5.3*	8.9	5.7*	10.2	-0.2
Stomach	8.1	-1.5*	7.7	-1.4*	7.6	3.3*
Ovary ^{fh}	7.4	-1.3*	7.1	-1.4*	6.3	-5.0*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	314.9	-0.6*	297.6	-1.0	356.0	-0.7*
Breast	48.6	0.1	44.0	-1.2	60.8	0.0
Prostate ^f	41.6	-0.1	40.8	-0.5	48.1	-1.0
Colon and Rectum	41.6	-1.2*	37.6	-2.0	39.3	-0.9
Lung and Bronchus	39.4	-0.7*	30.1	-2.7	33.3	-2.1*
Stomach	14.3	-3.0*	14.7	1.4	16.5	-0.4
Liver & IBD ^g	13.9	0.0	11.5	-0.2	12.4	2.0*
Non-Hodgkin Lymphoma	13.2	0.2	10.4	0.4	12.3	-1.9*
Urinary Bladder	9.2	0.2	9.7	0.2	11.6	0.1
Pancreas	9.0	0.0	9.2	-1.1	10.5	-1.1
Corpus and Uterus, NOS ^f	8.8	0.2	8.1	-	9.7	1.0
Thyroid	8.5	2.3*	7.1	-3.5	9.6	-1.6*
Oral Cavity and Pharynx	7.9	-1.8	7.0	-	9.4	0.6
Leukemia	7.4	-1.1	6.4	1.1	7.5	4.4*
Kidney and Renal Pelvis	6.3	1.1	6.0	-3.4	7.1	-3.8*
Ovary ^{fh}	5.3	-0.2	5.3	0.5	6.2	-0.6

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^f Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

^g The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

^h IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

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

Table I-24
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

	Males					
	All Races		White		Black	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	555.8	-0.7*	556.7	-0.6*	663.7	-1.6*
Prostate	168.0	-0.2	161.4	-0.1	255.5	-1.4*
Lung and Bronchus	81.2	-2.2*	81.0	-2.1*	110.6	-3.1*
Colon and Rectum	60.8	-1.8*	60.4	-2.0*	72.6	-0.2
Urinary Bladder	37.3	0.0	40.5	0.1	20.4	1.6
Melanoma of the Skin	23.6	1.2*	27.2	1.7*	20.3	0.7
Non-Hodgkin Lymphoma	23.2	-0.4	24.1	-0.3	18.1	-3.6*
Kidney and Renal Pelvis	17.8	1.9*	18.3	2.1*	18.1	-0.7
Leukemia	16.0	-1.2*	16.7	-1.3*	17.5	-3.3*
Oral Cavity and Pharynx	15.6	-1.6*	15.7	-1.2*	16.2	-2.1*
Pancreas	12.9	-0.1	12.8	0.2	14.0	0.9
Stomach	11.4	-2.1*	10.2	-2.1*	13.2	-0.6
Liver & IBD ^f	9.5	2.4*	8.3	-0.3	12.7	4.5*
Esophagus	7.9	0.5	8.0	1.7*	11.6	-3.3*
Brain and ONS ^f	7.7	-0.5	7.9	2.3*	10.4	-4.9*
Myeloma	7.0	-0.4	6.6	-0.5	4.9	-1.1
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	359.9	-0.8*	321.2	-1.7	421.3	-1.0*
Prostate	96.5	0.2	68.2	-2.9	140.8	-0.4
Lung and Bronchus	55.1	-1.0*	53.7	-3.4	47.5	-1.2
Colon and Rectum	49.7	-1.6*	42.1	-2.2	44.7	-2.6*
Liver & IBD ^f	21.3	0.2	18.5	0.0	20.2	0.4
Stomach	18.9	-3.1*	16.3	-	19.2	-0.9
Urinary Bladder	16.4	1.2	14.8	-	16.5	2.7*
Non-Hodgkin Lymphoma	15.7	-0.6	11.9	-	16.0	-2.7*
Oral Cavity and Pharynx	10.8	-2.3	11.6	-	14.4	1.0
Pancreas	10.0	-0.4	10.0	-	11.8	-2.1*
Leukemia	9.2	-1.1	9.5	-	11.0	-1.6
Kidney and Renal Pelvis	8.9	0.9	7.0	-	9.3	-3.2*
Esophagus	4.2	-2.4	6.5	-	6.9	-0.7
Thyroid	3.9	1.5	4.8	-	6.0	2.5*
Brain and ONS ^f	3.9	-0.6	4.1	-	5.4	-0.9
Myeloma	3.7	-2.5	3.8	-	5.2	-3.5*

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^f Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

Table I-25
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

			Females					
	All Races		White			Black		
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	411.3	-0.5*	All Sites	423.9	-0.4	All Sites	396.9	-0.4
Breast	127.8	-1.0	Breast	132.5	-0.9	Breast	118.3	-0.5*
Lung and Bronchus	52.3	-0.5*	Lung and Bronchus	54.6	-0.6*	Colon and Rectum	55.0	-0.6
Colon and Rectum	44.6	-1.3*	Colon and Rectum	44.0	-1.4*	Lung and Bronchus	53.7	0.6
Corpus and Uterus, NOS	23.2	-0.8*	Corpus and Uterus, NOS	24.3	-1.0*	Corpus and Uterus, NOS	19.6	1.4
Non-Hodgkin Lymphoma	16.3	1.0*	Melanoma of the Skin	17.6	1.9*	Pancreas	13.9	-1.3
Melanoma of the Skin	14.9	1.3*	Non-Hodgkin Lymphoma	17.0	1.0*	Non-Hodgkin Lymphoma	11.9	1.5*
Ovary ^g	13.5	-1.2*	Ovary ^g	14.3	-1.2*	Cervix Uteri	11.4	-4.9*
Thyroid	12.5	5.6*	Thyroid	13.2	6.1*	Ovary ^g	10.1	0.0
Pancreas	10.1	0.0	Urinary Bladder	10.1	-0.2	Kidney and Renal Pelvis	9.7	0.8
Leukemia	9.5	-0.9*	Pancreas	9.9	0.2	Myeloma	9.5	-1.8*
Urinary Bladder	9.4	-0.4*	Leukemia	9.9	-1.0*	Stomach	9.1	-2.4
Kidney and Renal Pelvis	8.8	2.2*	Kidney and Renal Pelvis	9.1	2.5*	Leukemia	8.1	-0.1
Cervix Uteri	8.7	-3.3*	Cervix Uteri	8.5	-2.6*	Urinary Bladder	7.6	0.6
Oral Cavity and Pharynx	6.1	-1.8*	Oral Cavity and Pharynx	6.1	-2.0*	Thyroid	7.3	5.7*
Stomach	5.6	-0.8	Brain and ONS ^f	5.9	-0.1	Oral Cavity and Pharynx	5.7	-1.5
Asian/Pacific Islander			American Indian/Alaska Native^d			Hispanic^e		
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	285.8	-0.2	All Sites	282.4	-0.3	All Sites	314.2	-0.5
Breast	89.0	0.0	Breast	69.8	-1.9	Breast	89.3	-0.7
Colon and Rectum	35.3	-0.7	Colon and Rectum	39.6	1.4	Colon and Rectum	32.9	-0.7
Lung and Bronchus	27.7	0.3	Lung and Bronchus	36.7	2.1	Lung and Bronchus	25.2	-1.4*
Corpus and Uterus, NOS	16.2	0.2	Corpus and Uterus, NOS	15.1	-	Corpus and Uterus, NOS	17.4	0.8
Thyroid	12.6	2.6*	Kidney and Renal Pelvis	11.5	-	Non-Hodgkin Lymphoma	14.2	0.5
Non-Hodgkin Lymphoma	11.2	1.4	Ovary ^g	11.2	-3.2	Cervix Uteri	13.8	-3.6*
Stomach	10.8	-2.5*	Non-Hodgkin Lymphoma	9.5	-	Thyroid	11.6	4.8*
Ovary ^g	9.7	-0.4	Pancreas	8.9	-	Ovary ^g	11.5	-0.4
Pancreas	8.3	0.5	Stomach	7.9	-	Pancreas	10.0	-1.0
Cervix Uteri	8.0	-5.9*	Thyroid	7.8	-0.9	Stomach	9.6	-1.0
Liver & IBD ^f	7.9	-0.1	Cervix Uteri	6.6	-	Kidney and Renal Pelvis	9.1	0.9
Leukemia	5.9	-0.7	Leukemia	6.1	-	Leukemia	8.0	-1.2
Oral Cavity and Pharynx	5.4	-0.7	Myeloma	5.7	-	Liver & IBD ^f	5.7	0.4
Kidney and Renal Pelvis	4.3	1.7	Liver & IBD ^f	5.5	-	Urinary Bladder	5.5	-0.6
Urinary Bladder	3.9	-1.4	Oral Cavity and Pharynx	4.6	-	Myeloma	4.8	0.6

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

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

Table I-26
AGE-ADJUSTED U.S. DEATH RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

Both Sexes

	All Races		White		Black	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	192.7	-1.2*	190.7	-1.1*	238.8	-1.8*
Lung and Bronchus	54.7	-1.0*	55.0	-0.8*	62.0	-1.6*
Colon and Rectum	19.4	-2.2*	18.9	-2.3*	26.7	-1.5*
Breast	14.5	-2.4*	14.1	-2.5*	21.9	-3.6*
Pancreas	10.6	0.1*	10.4	0.3*	20.1	-1.7*
Prostate ^f	10.5	-3.6*	9.6	-3.5*	13.8	-0.6*
Non-Hodgkin Lymphoma	7.6	-2.5*	7.9	-2.5*	8.2	-3.3*
Leukemia	7.5	-0.8*	7.7	-0.7*	7.1	-1.4*
Ovary ^f	5.0	-0.3	5.2	-0.3	6.7	-1.1*
Liver & IBD ^g	4.9	1.7*	4.8	-0.9*	6.5	1.3*
Brain and ONS ^g	4.4	-1.0*	4.5	0.0	6.0	-4.2*
Esophagus	4.4	0.3*	4.5	1.7*	5.2	-2.4*
Urinary Bladder	4.3	-0.2	4.3	1.2*	4.5	0.0
Stomach	4.2	-3.2*	4.3	-0.3	4.3	0.4
Kidney and Renal Pelvis	4.2	-0.4	3.7	-3.2*	4.1	-0.7*
Myeloma	3.7	-0.9*	3.5	-0.8*	3.9	-3.8*

	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	115.5	-1.8*	160.4	-0.3	129.1	-1.3*
Lung and Bronchus	26.9	-1.4*	39.9	-0.1	23.6	-1.6*
Colon and Rectum	12.3	-2.0*	17.0	-1.4	13.6	-0.9*
Liver & IBD ^g	10.6	-0.6	9.0	0.1	9.0	-2.6*
Stomach	8.0	-4.6*	8.4	2.2	8.3	-3.1*
Pancreas	7.4	-0.2	8.4	-2.2	8.3	0.2
Breast	7.0	-0.2	7.5	1.0	7.6	1.4*
Non-Hodgkin Lymphoma	4.8	-2.1*	7.2	-0.6	6.8	-2.1*
Prostate ^f	4.6	-5.6*	6.5	0.6	5.7	-3.1*
Leukemia	3.9	-1.9*	5.5	0.5	5.1	-1.2*
Ovary ^f	2.7	0.8	4.8	0.3	3.6	0.5
Oral Cavity and Pharynx	2.3	-2.6*	4.0	2.0	3.4	0.3
Brain and ONS ^g	2.0	0.5	3.8	-2.0	3.1	-0.7
Esophagus	1.8	-2.6	3.8	4.5*	2.8	-0.3
Urinary Bladder	1.8	-0.1	2.5	-0.3	2.4	0.2
Kidney and Renal Pelvis	1.7	-3.0*	2.2	-2.0	2.4	-2.2*

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Mortality data used in calculating the rates are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). The rates shown for sex-specific cancer sites are calculated using the population for both sexes combined.

^c The APC is the Annual Percent Change over the time interval. Mortality data used in calculating the trends are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2004 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

^f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

^g IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

Table I-27
AGE-ADJUSTED U.S. DEATH RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

			Males					
All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2000-2004	1995-2004		2000-2004	1995-2004		2000-2004	1995-2004
All Sites	238.7	-1.7*	All Sites	234.7	-1.5*	All Sites	321.8	-2.4*
Lung and Bronchus	73.4	-2.0*	Lung and Bronchus	72.6	-1.9*	Lung and Bronchus	95.8	-2.7*
Prostate	27.9	-4.1*	Prostate	25.6	-4.1*	Prostate	62.3	-3.7*
Colon and Rectum	23.5	-2.4*	Colon and Rectum	22.9	-2.4*	Colon and Rectum	32.7	-1.5*
Pancreas	12.2	0.0	Pancreas	12.0	0.2	Pancreas	15.5	-0.7*
Leukemia	10.0	-0.9*	Leukemia	10.3	-0.8*	Stomach	11.9	-3.6*
Non-Hodgkin Lymphoma	9.6	-2.3*	Non-Hodgkin Lymphoma	9.9	-2.3*	Esophagus	10.2	-4.7*
Esophagus	7.8	0.4*	Urinary Bladder	7.9	-0.3	Liver & IBD ^f	10.0	1.7*
Urinary Bladder	7.5	-0.4*	Esophagus	7.7	1.3*	Leukemia	8.8	-1.6*
Liver & IBD ^f	7.1	1.8*	Liver & IBD ^f	6.5	1.9*	Myeloma	8.5	-1.8*
Kidney and Renal Pelvis	6.1	-0.3	Kidney and Renal Pelvis	6.2	-0.2	Oral Cavity and Pharynx	6.8	-3.6*
Stomach	5.9	-3.7*	Brain and ONS ^f	5.8	-0.9*	Non-Hodgkin Lymphoma	6.5	-3.3*
Brain and ONS ^f	5.4	-0.9*	Stomach	5.2	-3.8*	Kidney and Renal Pelvis	6.1	-0.6
Myeloma	4.6	-1.1*	Myeloma	4.4	-0.9*	Urinary Bladder	5.3	-1.5*
Oral Cavity and Pharynx	4.1	-2.1*	Melanoma of the Skin	4.3	-0.2	Larynx	5.0	-3.1*
Melanoma of the Skin	3.9	-0.3	Oral Cavity and Pharynx	3.8	-1.8*	Brain and ONS ^f	3.2	-0.7
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2000-2004	1995-2004		2000-2004	1995-2004		2000-2004	1995-2004
All Sites	141.7	-2.1*	All Sites	187.9	-0.8	All Sites	162.2	-1.9*
Lung and Bronchus	38.3	-1.3*	Lung and Bronchus	49.6	-2.4*	Lung and Bronchus	36.0	-2.5*
Liver & IBD ^f	15.5	-1.1*	Prostate	21.5	-2.3	Prostate	21.2	-3.5*
Colon and Rectum	15.0	-1.9*	Colon and Rectum	20.6	-0.2	Colon and Rectum	17.0	-1.4*
Prostate	11.3	-5.0*	Liver & IBD ^f	10.7	1.5	Liver & IBD ^f	10.8	1.1*
Stomach	10.5	-4.3*	Stomach	9.6	0.0	Pancreas	9.1	-0.4
Pancreas	7.9	-1.0	Kidney and Renal Pelvis	9.3	1.9	Stomach	9.1	-2.4*
Non-Hodgkin Lymphoma	5.8	-2.4*	Pancreas	7.6	1.2	Non-Hodgkin Lymphoma	6.9	-4.0*
Leukemia	5.0	-0.9	Esophagus	6.7	4.6*	Leukemia	6.4	-1.5*
Oral Cavity and Pharynx	3.4	-2.6*	Non-Hodgkin Lymphoma	6.1	-2.2	Kidney and Renal Pelvis	5.4	0.7
Esophagus	3.1	-2.1	Leukemia	5.6	0.7	Esophagus	4.2	-2.5*
Urinary Bladder	2.9	0.8	Myeloma	4.2	0.7	Urinary Bladder	3.9	-1.2
Brain and ONS ^f	2.5	2.4	Oral Cavity and Pharynx	3.8	-	Myeloma	3.7	-0.8
Kidney and Renal Pelvis	2.4	-3.8*	Urinary Bladder	3.1	-	Brain and ONS ^f	3.4	-0.8
Myeloma	1.9	-4.2*	Brain and ONS ^f	2.6	-1.3	Oral Cavity and Pharynx	2.8	-4.0*
Larynx	0.8	-4.0	Larynx	1.9	-	Larynx	1.9	-4.5*

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Mortality data used in calculating the rates are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval. Mortality data used in calculating the trends are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2004 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

Table I-28
AGE-ADJUSTED U.S. DEATH RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

	Females					
	All Races		White		Black	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	162.2	-1.0*	161.4	-0.9*	189.3	-1.1*
Lung and Bronchus	41.1	0.2*	42.1	0.3*	39.8	0.2
Breast	25.5	-2.3*	25.0	-2.4*	33.8	-1.6*
Colon and Rectum	16.4	-2.2*	15.9	-2.3*	22.9	-1.7*
Pancreas	9.2	0.1	9.2	-0.1	12.4	-0.6*
Ovary	8.9	-0.1	9.0	0.2	7.4	0.1
Non-Hodgkin Lymphoma	6.2	-2.7*	6.4	-2.8*	7.1	0.6
Leukemia	5.7	-0.9*	5.8	-0.8*	6.3	-1.3*
Corpus and Uterus, NOS	4.1	0.1	3.9	-1.0*	5.8	-3.2*
Brain and ONS ^f	3.6	-1.2*	3.9	0.0	5.3	-0.7
Myeloma	3.1	-1.0*	2.8	-0.9*	4.9	-4.7*
Liver & IBD ^f	3.1	0.9*	2.8	0.8*	4.3	-1.4*
Stomach	3.0	-2.7*	2.8	-0.7*	3.9	0.3
Kidney and Renal Pelvis	2.8	-0.8*	2.6	-2.8*	3.0	-2.9*
Cervix Uteri	2.6	-3.5*	2.3	-3.2*	2.8	-1.3*
Urinary Bladder	2.3	-0.5	2.3	-0.3	2.8	-0.9
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004	Rate ^b 2000-2004	APC ^c 1995-2004
All Sites	96.7	-1.4*	141.2	0.1	106.7	-0.9*
Lung and Bronchus	18.5	-1.2*	32.7	3.1*	16.1	-2.4*
Breast	12.6	-0.3	16.1	0.2	14.6	-0.3
Colon and Rectum	10.3	-1.9*	14.3	-2.4	11.1	-0.6
Pancreas	6.9	0.6	7.3	0.7	7.5	0.6
Liver & IBD ^f	6.7	0.4	7.1	2.2	6.1	0.5
Stomach	6.2	-4.6*	6.4	2.7	5.1	-1.8*
Ovary	4.8	0.7	5.5	-1.2	5.0	1.2
Non-Hodgkin Lymphoma	3.9	-1.6	5.0	2.2	4.8	-2.4*
Leukemia	3.0	-2.9*	4.3	-1.7	4.1	-1.1
Cervix Uteri	2.4	-4.5*	4.1	-	3.3	-3.3*
Corpus and Uterus, NOS	2.4	1.1	4.0	-1.6	3.1	-0.5
Brain and ONS ^f	1.5	-1.6	3.5	-4.1	2.6	-0.6
Myeloma	1.5	-1.4	2.9	-	2.4	0.3
Oral Cavity and Pharynx	1.3	-2.3	2.3	-	2.3	-0.3
Kidney and Renal Pelvis	1.1	-1.5	1.8	-	1.4	-5.2*

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Top 15 cancer sites selected based on 2000-2004 age-adjusted rates for the race/ethnic group.

^b Mortality data used in calculating the rates are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval. Mortality data used in calculating the trends are analyzed from a public use file provided by the National Center for Health Statistics (NCHS). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2004 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

Table II-10
ALL CANCER SITES (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	470.1	555.8	411.3	-0.6*	-0.7*	-0.5*
White	477.5	556.7	423.9	-0.5	-0.6*	-0.4
White Hispanic ^d	361.6	426.2	320.5	-0.8*	-1.1*	-0.6
White Non-Hispanic ^d	494.3	573.6	439.9	-0.3	-0.5	-0.3
Black	504.1	663.7	396.9	-1.0*	-1.6*	-0.4
Asian/Pacific Islander	314.9	359.9	285.8	-0.6*	-0.8*	-0.2
Amer Ind/Alaska Nat ^e	297.6	321.2	282.4	-1.0	-1.7	-0.3
Hispanic ^d	356.0	421.3	314.2	-0.7*	-1.0*	-0.5

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	192.7	238.7	162.2	-1.2*	-1.7*	-1.0*
White	190.7	234.7	161.4	-1.1*	-1.5*	-0.9*
White Hispanic ^d	133.9	167.6	111.0	-1.3*	-1.8*	-0.9*
White Non-Hispanic ^d	194.7	239.2	165.1	-1.0*	-1.4*	-0.8*
Black	238.8	321.8	189.3	-1.8*	-2.4*	-1.1*
Asian/Pacific Islander	115.5	141.7	96.7	-1.8*	-2.1*	-1.4*
Amer Ind/Alaska Nat						
Total U.S.	128.6	152.2	112.0	-1.5*	-2.4*	-1.0*
CHSDA Counties	160.4	187.9	141.2	-0.3	-0.8	0.1
Non-CHSDA Counties	86.8	105.1	73.7	-3.1*	-4.6*	-2.2*
Hispanic ^d	129.1	162.2	106.7	-1.3*	-1.9*	-0.9*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table II-11
ALL CANCER SITES (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	458.2	554.0	395.5	460.8	536.3	413.2	477.3	643.7	376.2
Atlanta	459.4	553.5	398.2	462.0	536.3	415.7	480.7	645.4	381.2
Rural Georgia	446.7	571.7	356.8	441.1	539.5	370.4	457.7	651.6	334.0
California	444.0	517.3	393.6	455.2	522.8	409.3	478.4	611.3	383.4
Greater Bay Area	439.1	511.0	390.2	464.5	533.6	418.0	471.7	588.2	387.4
San Francisco-Oakland	445.8	518.6	395.8	469.7	536.9	423.8	479.3	594.0	397.2
San Jose-Monterey	426.2	497.1	379.0	455.6	528.6	407.6	426.3	574.4	303.2
Los Angeles	432.3	509.6	380.8	439.6	506.7	396.4	490.4	639.4	389.4
Greater California	451.6	523.3	401.3	458.9	526.1	412.2	467.9	593.3	371.2
Connecticut	503.4	589.2	445.6	506.2	587.3	452.3	480.2	623.0	383.5
Detroit	530.0	655.3	445.6	525.9	632.8	456.0	563.1	761.8	430.4
Hawaii	416.1	482.0	372.1	509.9	593.7	445.5	332.6	444.8	196.9
Iowa	473.5	551.6	422.3	469.0	544.2	420.1	483.9	605.2	384.3
Kentucky	508.6	611.2	441.6	501.8	600.5	437.7	557.8	703.0	461.7
Louisiana	489.0	615.7	402.4	483.4	596.2	406.1	512.2	687.1	399.7
New Jersey	512.9	613.4	446.3	518.5	609.1	459.5	511.6	683.2	400.9
New Mexico	413.5	485.4	359.4	428.9	502.3	373.1	350.1	453.4	270.1
Seattle-Puget Sound	501.1	575.4	449.4	515.2	587.8	464.7	503.2	642.4	388.9
Utah	407.0	487.6	345.2	411.4	492.5	349.4	394.8	501.3	301.9
9 SEER Areas ^b	473.6	558.7	415.0	483.5	563.0	429.3	509.5	671.6	400.3
11 SEER Areas ^b	461.4	544.1	405.0	472.5	549.3	420.9	503.1	661.0	396.3
13 SEER Areas ^b	461.4	544.1	404.9	472.5	549.2	420.7	502.3	660.8	395.2
17 SEER Areas ^b	470.1	555.8	411.3	477.5	556.7	423.9	504.1	663.7	396.9

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table II-12
ALL CANCER SITES (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	184.8	231.5	157.4	172.7	211.7	149.4	223.8	304.5	180.8
Atlanta	183.9	229.1	157.7	172.2	210.4	149.7	223.0	301.0	182.1
Rural Georgia	204.3	274.8	156.4	184.8	237.7	147.4	243.4	360.3	172.3
California	175.2	209.1	152.4	179.4	212.7	157.3	232.4	295.5	193.0
Greater Bay Area	167.9	198.5	148.1	174.5	202.6	157.2	242.5	308.8	200.0
San Francisco-Oakland	174.5	207.2	153.2	180.5	210.0	162.1	246.8	312.5	205.3
San Jose-Monterey	154.7	181.2	137.8	163.8	189.2	148.5	211.9	289.5	152.6
Los Angeles	168.3	201.8	146.4	169.3	201.1	149.0	232.7	297.8	194.3
Greater California	181.1	216.3	157.0	185.0	220.3	160.8	225.3	284.2	185.8
Connecticut	184.6	224.8	159.0	184.6	224.0	159.4	207.0	275.1	168.4
Detroit	202.2	249.6	172.5	194.0	237.6	166.9	241.0	309.8	197.6
Hawaii	151.0	191.8	120.6	178.4	223.5	144.3	110.9	144.8	79.0
Iowa	187.2	233.6	156.9	186.8	232.9	156.7	258.1	329.6	207.1
Kentucky	225.1	291.8	182.1	223.0	289.0	180.2	273.2	360.2	221.5
Louisiana	223.6	291.0	179.5	208.7	267.1	170.0	271.5	376.3	207.2
New Jersey	196.7	236.7	171.9	196.4	234.0	173.1	235.5	312.5	191.0
New Mexico	168.6	207.4	140.8	171.9	210.1	144.4	190.6	287.7	128.8
Seattle-Puget Sound	188.4	225.3	163.4	191.5	228.0	166.9	221.1	275.5	181.6
Utah	144.0	176.5	120.8	144.4	177.0	121.0	185.8	234.6	152.6
9 SEER Areas ^b	181.0	220.8	154.7	181.7	220.2	156.5	230.7	299.0	189.0
11 SEER Areas ^b	176.7	214.4	151.9	178.2	214.6	154.6	230.8	298.4	189.8
13 SEER Areas ^b	176.9	214.7	152.0	178.2	214.7	154.5	230.8	299.1	189.4
17 SEER Areas ^b	186.1	226.7	159.2	187.0	226.2	161.2	240.0	316.0	193.8
Total U.S.	192.7	238.7	162.2	190.7	234.7	161.4	238.8	321.8	189.3

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
 The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
 The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
 The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

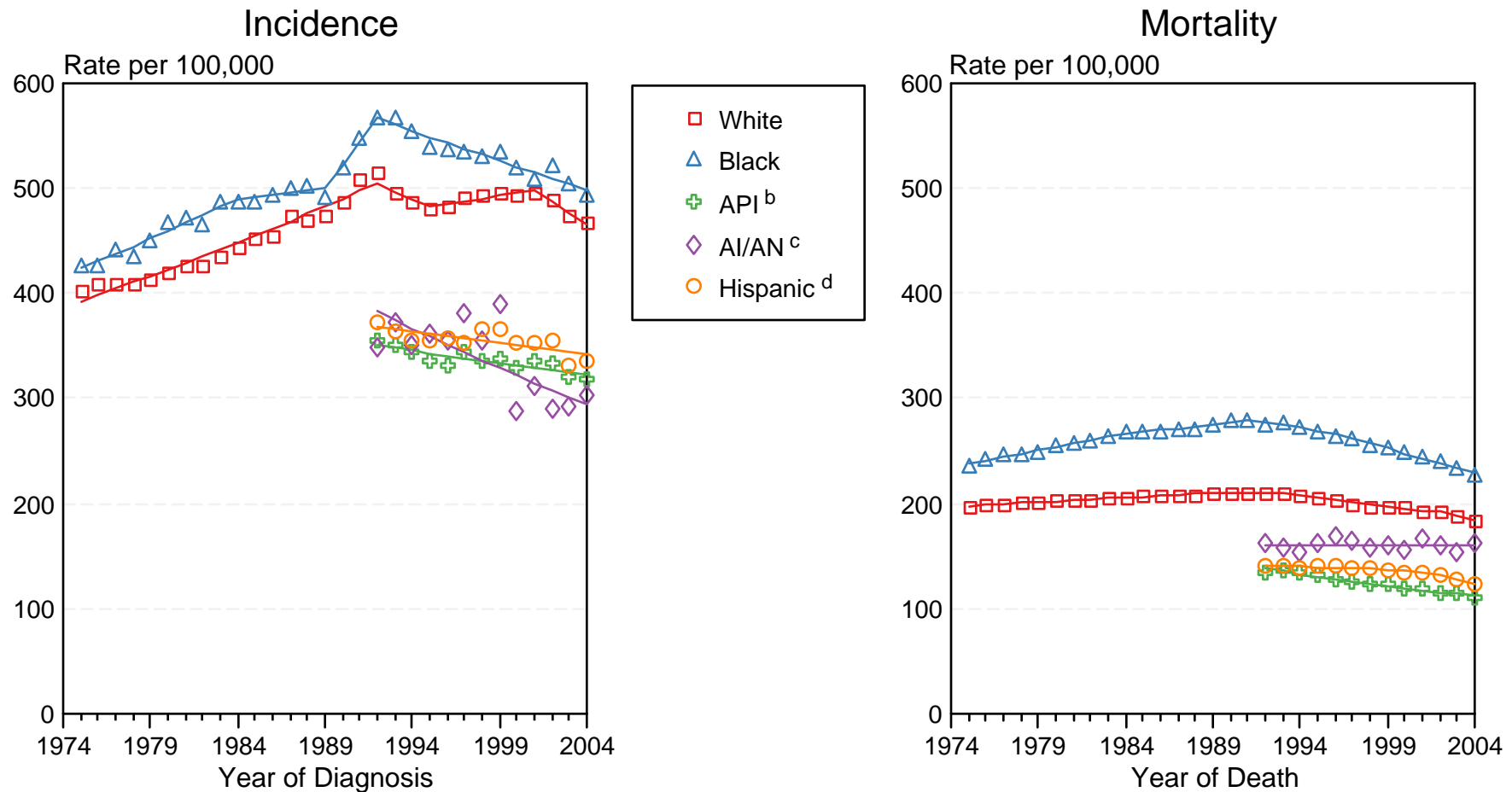


Figure 11-4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table III-10
BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	6.4	7.7	5.4	-0.4	-0.5	-0.2
White	7.0	8.3	5.9	-0.2	-0.3	-0.1
White Hispanic ^d	5.4	6.2	4.8	0.6	2.2	-0.8
White Non-Hispanic ^d	7.5	8.9	6.2	-0.1	-0.3	0.2
Black	4.1	4.9	3.5	-0.2	-1.1	0.5
Asian/Pacific Islander	3.4	3.9	3.0	-0.4	-0.6	-0.3
Amer Ind/Alaska Nat ^e	2.8	3.5	2.2	-	-	-
Hispanic ^d	5.3	6.0	4.7	0.8	2.5*	-0.8

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.4	5.4	3.6	-1.0*	-0.9*	-1.2*
White	4.8	5.8	3.9	-0.9*	-0.9*	-1.0*
White Hispanic ^d	3.0	3.5	2.5	-0.4	-0.9	0.1
White Non-Hispanic ^d	4.9	6.0	4.0	-0.8*	-0.7*	-0.9*
Black	2.6	3.2	2.2	-1.0*	-0.7	-1.4*
Asian/Pacific Islander	2.0	2.5	1.5	0.5	2.4	-1.6
Amer Ind/Alaska Nat						
Total U.S.	1.9	2.4	1.5	-2.2	-2.4	-
CHSDA Counties	2.1	2.6	1.8	-1.3	-1.3	-
Non-CHSDA Counties	1.5	2.2	1.0	-	-	-
Hispanic ^d	2.8	3.4	2.4	-0.3	-0.8	0.3

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table III-11
 BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	5.7	6.8	4.8	6.8	7.9	5.8	3.8	4.8	3.2
Atlanta	5.7	6.8	4.8	6.8	7.8	5.9	3.9	5.0	3.2
Rural Georgia	4.9	6.0	-	6.2	8.4	-	-	-	-
California	6.2	7.4	5.2	6.9	8.1	5.7	3.9	4.8	3.2
Greater Bay Area	6.1	7.4	5.0	6.9	8.5	5.6	4.1	5.1	3.2
San Francisco-Oakland	6.1	7.4	5.1	7.0	8.6	5.7	4.2	5.2	3.4
San Jose-Monterey	6.0	7.3	4.8	6.7	8.2	5.3	-	-	-
Los Angeles	5.5	6.7	4.6	6.3	7.6	5.2	3.8	4.7	3.2
Greater California	6.6	7.8	5.6	7.1	8.3	6.0	4.0	4.7	3.2
Connecticut	7.3	8.7	6.0	7.6	9.2	6.3	3.2	3.6	2.9
Detroit	6.5	7.6	5.5	7.1	8.3	6.0	4.7	5.2	4.3
Hawaii	4.4	5.1	3.9	7.4	8.6	6.5	-	-	-
Iowa	7.3	8.5	6.3	7.3	8.5	6.3	7.0	-	-
Kentucky	6.7	7.6	5.8	6.8	7.8	5.9	5.3	5.6	5.3
Louisiana	5.9	7.5	4.7	6.6	8.3	5.4	4.2	5.3	3.5
New Jersey	7.0	8.3	6.0	7.6	9.0	6.4	3.8	4.2	3.5
New Mexico	5.4	6.5	4.5	5.7	6.8	4.7	-	-	-
Seattle-Puget Sound	7.6	9.0	6.4	8.1	9.6	6.9	3.6	4.9	-
Utah	6.9	8.0	6.0	7.1	8.2	6.2	-	-	-
9 SEER Areas ^b	6.6	7.8	5.6	7.3	8.6	6.1	4.2	4.9	3.6
11 SEER Areas ^b	6.3	7.5	5.3	7.0	8.3	5.9	4.1	4.9	3.5
13 SEER Areas ^b	6.3	7.5	5.3	7.0	8.3	5.9	4.1	4.8	3.5
17 SEER Areas ^b	6.4	7.7	5.4	7.0	8.3	5.9	4.1	4.9	3.5

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table III-12
 BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	3.7	4.5	3.0	4.3	5.2	3.5	2.3	2.8	1.8
Atlanta	3.8	4.6	3.0	4.4	5.3	3.6	2.3	3.0	1.8
Rural Georgia	2.8	-	-	-	-	-	-	-	-
California	4.4	5.3	3.6	4.9	5.9	4.0	2.8	3.5	2.3
Greater Bay Area	3.9	4.9	3.2	4.6	5.6	3.7	2.9	3.6	2.4
San Francisco-Oakland	4.0	5.1	3.2	4.7	5.8	3.7	3.2	4.1	2.6
San Jose-Monterey	3.8	4.6	3.1	4.4	5.3	3.6	-	-	-
Los Angeles	4.1	5.1	3.3	4.7	5.8	3.8	3.0	3.7	2.5
Greater California	4.7	5.6	3.9	5.0	6.0	4.2	2.5	3.0	1.9
Connecticut	4.1	5.0	3.4	4.4	5.3	3.6	1.8	-	-
Detroit	4.3	5.3	3.5	4.8	5.8	3.9	3.0	3.7	2.5
Hawaii	2.9	3.7	2.2	4.8	5.8	4.2	-	-	-
Iowa	5.1	6.0	4.3	5.1	6.0	4.3	-	-	-
Kentucky	4.6	5.6	3.9	4.7	5.8	3.9	3.2	-	4.0
Louisiana	4.4	5.6	3.5	4.9	6.1	3.9	3.2	4.0	2.6
New Jersey	3.7	4.7	2.9	4.1	5.1	3.2	1.8	2.2	1.5
New Mexico	3.7	4.7	2.9	4.0	5.0	3.1	-	-	-
Seattle-Puget Sound	5.7	6.9	4.8	6.1	7.3	5.0	3.0	-	-
Utah	4.5	5.7	3.4	4.6	5.9	3.5	-	-	-
9 SEER Areas ^b	4.4	5.4	3.6	4.9	5.9	4.0	2.7	3.3	2.2
11 SEER Areas ^b	4.3	5.3	3.5	4.8	5.8	3.9	2.8	3.4	2.3
13 SEER Areas ^b	4.3	5.3	3.5	4.8	5.8	3.9	2.7	3.3	2.3
17 SEER Areas ^b	4.3	5.3	3.5	4.8	5.8	3.9	2.7	3.2	2.2
Total U.S.	4.4	5.4	3.6	4.8	5.8	3.9	2.6	3.2	2.2

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Brain and Other Nervous System Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

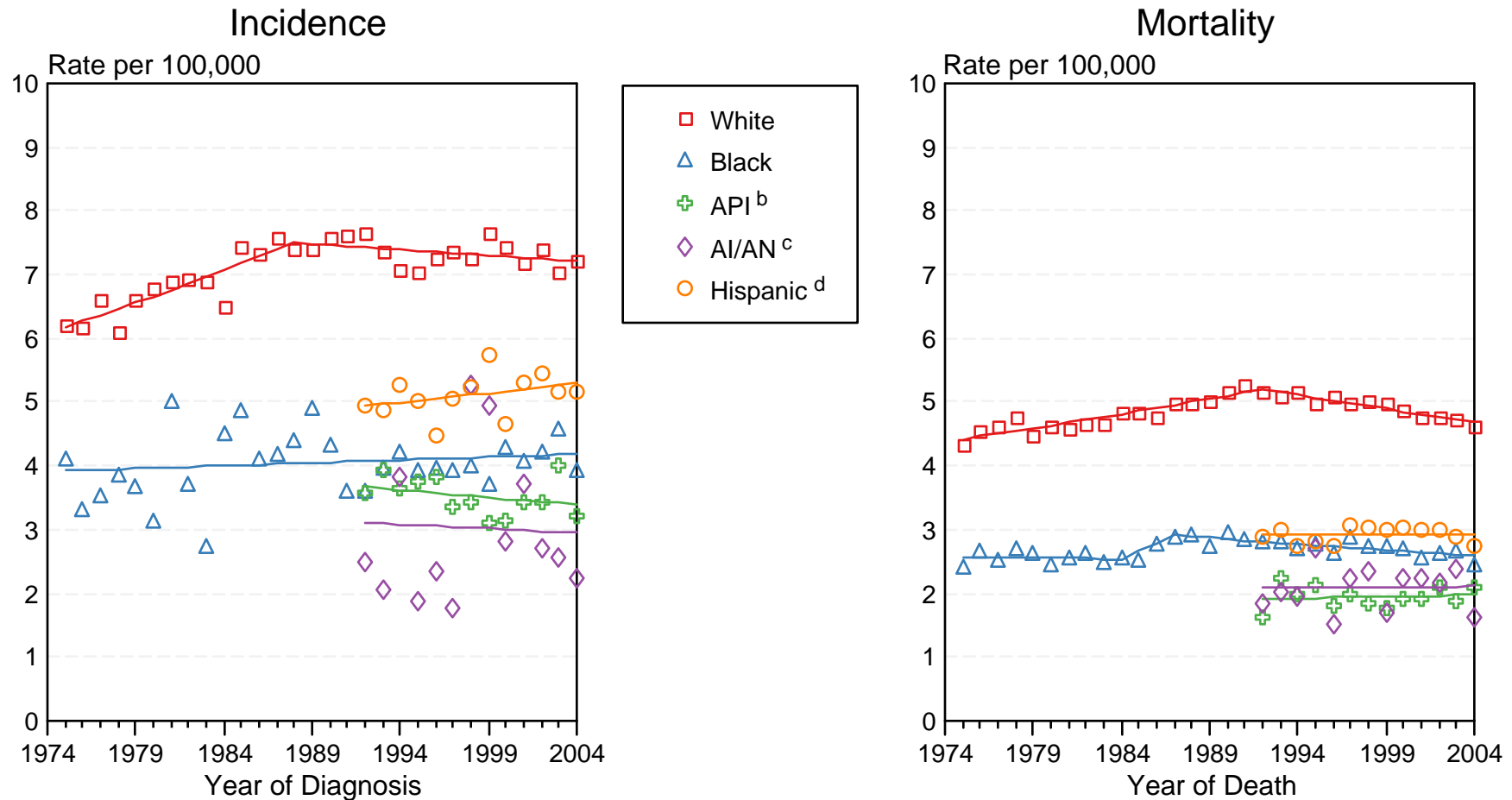


Figure III-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table IV-15
FEMALE BREAST CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	127.8	-1.0
White	132.5	-0.9
White Hispanic ^d	91.2	-0.8
White Non-Hispanic ^d	140.2	-0.8
Black	118.3	-0.5*
Asian/Pacific Islander	89.0	0.0
Amer Ind/Alaska Nat ^e	69.8	-1.9
Hispanic ^d	89.3	-0.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004	Trend 1995-2004
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	25.5	-2.3*
White	25.0	-2.4*
White Hispanic ^d	16.7	-2.3*
White Non-Hispanic ^d	25.5	-2.3*
Black	33.8	-1.6*
Asian/Pacific Islander	12.6	-0.3
Amer Ind/Alaska Nat		
Total U.S.	13.9	-1.2
CHSDA Counties	16.1	0.2
Non-CHSDA Counties	11.2	-3.2
Hispanic ^d	16.1	-2.4*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table IV-16
FEMALE BREAST CANCER (In Situ)

SEER INCIDENCE
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	29.4	2.6*
White	30.2	2.5*
White Hispanic ^d	18.3	3.2*
White Non-Hispanic ^d	33.0	2.7*
Black	25.4	2.7*
Asian/Pacific Islander	25.3	4.5*
Amer Ind/Alaska Nat ^e	15.5	1.8
Hispanic ^d	17.9	3.1*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- * The APC is significantly different from zero (p<.05).

Table IV-17
 FEMALE BREAST CANCER (Invasive)
 AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	128.9	43.1	353.6	137.0	43.8	381.2	116.9	43.2	309.7
Atlanta	130.1	43.2	357.7	138.2	43.8	385.6	118.2	43.4	314.2
Rural Georgia	110.8	42.9	288.7	115.7	45.4	299.8	103.4	40.5	268.1
California	126.5	40.0	353.0	133.1	40.5	375.8	118.4	41.1	320.7
Greater Bay Area	129.7	42.6	357.9	142.6	43.6	401.7	116.2	42.0	310.4
San Francisco-Oakland	132.3	43.3	365.3	146.6	44.5	413.8	119.1	42.6	319.3
San Jose-Monterey	124.8	41.4	343.3	135.5	42.0	380.6	93.2	38.5	236.2
Los Angeles	119.7	39.2	330.3	125.6	39.0	352.4	121.5	40.0	334.9
Greater California	128.7	39.5	362.3	133.4	40.2	377.5	115.2	41.8	307.3
Connecticut	137.4	48.2	371.1	140.0	49.0	378.2	112.9	41.8	299.3
Detroit	130.9	44.1	358.1	135.4	45.3	371.1	121.6	41.8	330.5
Hawaii	124.2	45.1	331.4	144.8	47.2	400.2	74.7	-	238.3
Iowa	125.9	40.9	348.3	125.7	40.9	347.9	109.3	35.1	303.6
Kentucky	122.1	41.6	333.0	121.0	40.7	331.3	129.8	46.7	347.5
Louisiana	122.0	40.9	334.3	121.6	37.3	342.3	123.7	49.2	319.0
New Jersey	131.7	46.8	354.0	136.5	48.5	367.2	112.2	41.1	298.5
New Mexico	112.2	36.8	309.7	118.3	39.0	326.0	68.5	23.9	185.4
Seattle-Puget Sound	145.8	43.8	412.7	151.9	44.3	433.8	113.7	44.1	295.8
Utah	115.7	34.7	328.0	117.5	35.0	333.3	82.9	-	-
9 SEER Areas ^b	131.0	43.0	361.5	136.5	43.5	379.8	117.8	42.0	316.3
11 SEER Areas ^b	128.0	42.0	353.5	134.1	42.4	374.2	118.5	41.5	320.3
13 SEER Areas ^b	128.0	42.0	353.3	134.0	42.4	374.0	118.3	41.5	319.4
17 SEER Areas ^b	127.8	41.9	353.0	132.5	42.2	369.1	118.3	42.9	315.8

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
 The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table IV-18
 FEMALE BREAST CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	26.4	5.8	80.2	24.3	4.1	77.3	32.3	8.7	94.0
Atlanta	26.6	5.8	81.3	24.5	4.1	78.1	32.9	8.7	96.5
Rural Georgia	22.7	-	64.7	19.3	-	62.4	26.1	-	66.2
California	24.2	5.4	73.2	25.0	5.2	76.8	33.7	10.4	94.8
Greater Bay Area	23.6	5.1	72.0	25.5	4.7	80.0	33.2	10.9	91.6
San Francisco-Oakland	24.8	5.4	75.4	26.8	4.8	84.4	33.8	11.1	93.2
San Jose-Monterey	21.3	4.6	65.2	23.2	4.5	72.1	28.5	-	77.8
Los Angeles	23.5	5.5	70.6	23.8	5.0	73.0	34.1	10.7	95.2
Greater California	24.7	5.5	74.9	25.3	5.5	77.3	33.8	9.8	96.6
Connecticut	25.2	5.1	77.9	25.2	4.9	78.2	26.9	6.9	79.2
Detroit	28.1	6.2	85.3	26.0	5.1	80.6	35.8	9.6	104.3
Hawaii	17.3	4.5	50.8	22.9	4.9	70.1	-	-	-
Iowa	23.6	4.6	73.2	23.4	4.6	72.8	37.2	-	111.0
Kentucky	26.2	5.6	79.9	25.5	5.3	78.5	36.6	9.6	107.5
Louisiana	29.8	7.5	88.3	25.7	5.3	79.4	40.3	12.3	113.7
New Jersey	28.5	5.3	89.1	28.3	4.9	89.6	34.6	8.9	102.0
New Mexico	22.6	5.7	66.7	23.4	6.0	68.9	24.8	-	86.3
Seattle-Puget Sound	23.7	4.4	74.4	24.4	4.2	77.1	29.9	9.5	83.2
Utah	23.0	4.5	71.5	23.2	4.5	72.2	-	-	-
9 SEER Areas ^b	24.6	5.2	75.4	24.7	4.7	77.1	33.1	9.0	96.3
11 SEER Areas ^b	24.2	5.2	73.8	24.5	4.8	76.0	33.2	9.4	95.7
13 SEER Areas ^b	24.2	5.2	73.7	24.4	4.8	75.9	33.1	9.4	95.2
17 SEER Areas ^b	25.3	5.5	77.2	25.3	5.0	78.5	34.9	9.8	100.4
Total U.S.	25.5	5.6	77.7	25.0	5.1	77.0	33.8	9.8	96.9

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table IV-19
 FEMALE BREAST CANCER (*In Situ*)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	32.6	11.1	89.0	36.3	12.9	97.7	27.0	8.6	75.1
Atlanta	33.0	11.2	90.1	36.6	12.8	99.0	27.4	8.9	76.0
Rural Georgia	26.7	9.7	71.2	32.1	16.0	74.1	19.5	-	63.0
California	26.9	9.2	73.5	27.6	9.2	75.6	23.3	7.0	66.1
Greater Bay Area	30.1	10.9	80.2	31.0	10.7	84.2	22.7	6.7	64.4
San Francisco-Oakland	31.0	11.4	82.4	32.2	11.5	86.4	23.1	6.8	65.9
San Jose-Monterey	28.2	10.1	75.7	28.8	9.3	80.1	18.7	-	50.6
Los Angeles	24.8	8.7	66.8	25.6	8.9	69.4	24.0	7.5	67.1
Greater California	26.9	8.8	74.2	27.4	9.0	75.6	23.1	6.6	66.3
Connecticut	42.5	17.3	108.7	43.5	18.0	110.1	31.6	9.8	88.4
Detroit	38.1	14.3	100.4	39.7	15.8	102.3	34.4	10.2	97.7
Hawaii	35.2	12.6	94.6	32.8	10.5	91.1	-	-	-
Iowa	25.8	9.3	69.1	25.7	9.2	69.0	24.2	-	69.7
Kentucky	23.4	8.4	62.7	23.2	8.5	61.7	23.6	5.8	70.3
Louisiana	22.0	7.6	59.5	23.0	8.1	61.9	19.9	6.6	54.6
New Jersey	35.2	15.1	87.9	37.2	16.3	91.9	25.1	8.8	67.7
New Mexico	20.8	6.7	57.7	22.4	7.5	61.3	-	-	-
Seattle-Puget Sound	35.2	11.4	97.5	35.9	11.8	99.2	32.4	6.5	100.5
Utah	23.7	7.5	66.3	24.0	7.4	67.4	-	-	-
9 SEER Areas ^b	32.9	11.9	88.0	33.7	12.3	89.6	29.7	8.9	84.3
11 SEER Areas ^b	30.8	11.0	82.5	31.7	11.4	84.8	28.0	8.5	79.1
13 SEER Areas ^b	30.8	11.0	82.5	31.7	11.4	84.8	27.9	8.5	78.9
17 SEER Areas ^b	29.4	10.6	78.6	30.2	11.0	80.5	25.4	7.9	71.2

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Female Breast Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

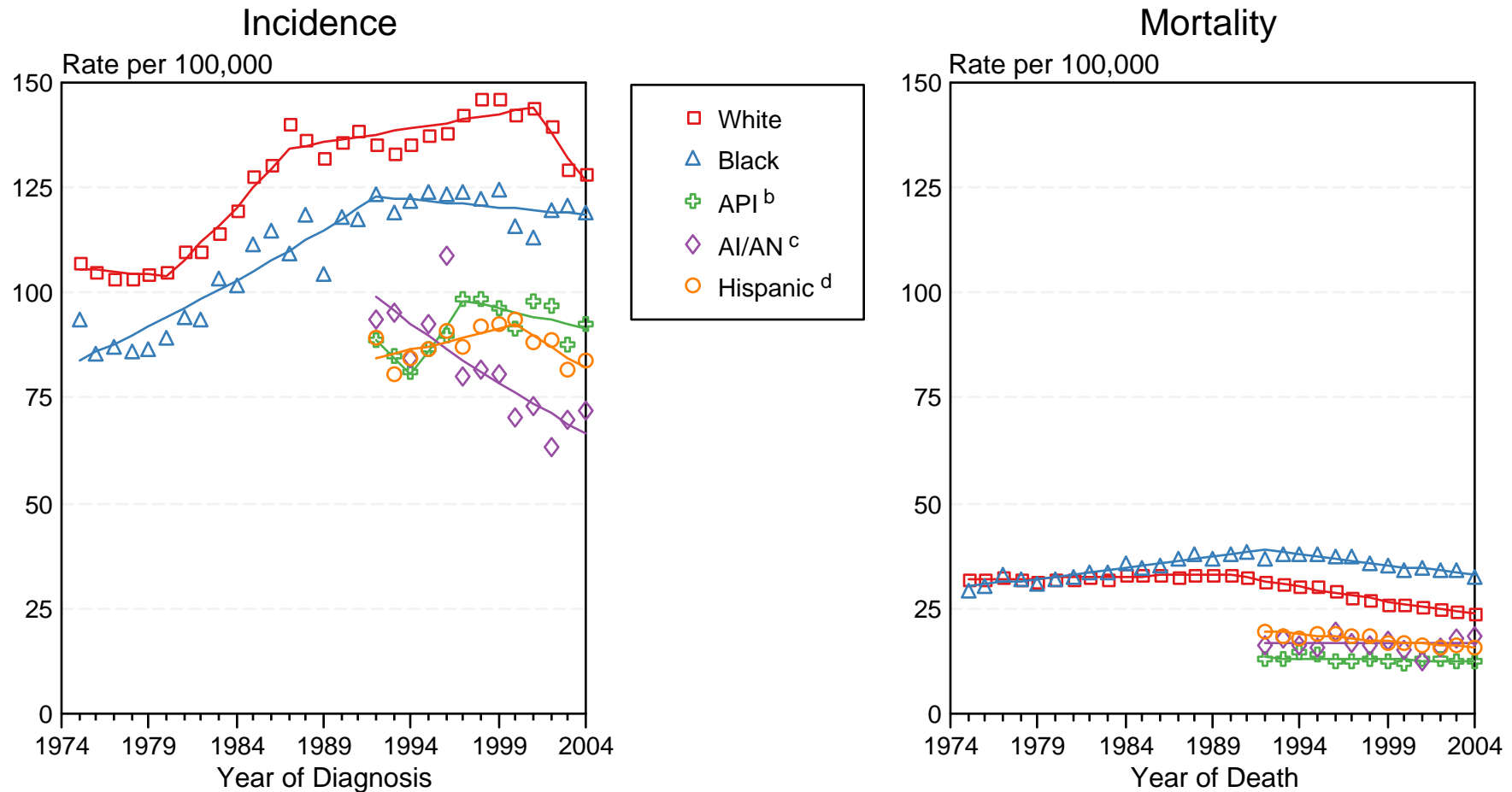


Figure IV-4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table V-8
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity

<u>SEER Incidence</u>	Rate 2000-2004 ^b		Trend 1995-2004 ^c	
	Rate per 100,000 persons		APC (%)	
	<u>Females</u>		<u>Females</u>	
RACE/ETHNICITY				
All Races	8.7		-3.3*	
White	8.5		-2.6*	
White Hispanic ^d	14.2		-3.6*	
White Non-Hispanic ^d	7.2		-2.9*	
Black	11.4		-4.9*	
Asian/Pacific Islander	8.0		-5.9*	
Amer Ind/Alaska Nat ^e	6.6		-	
Hispanic ^d	13.8		-3.6*	
<u>U.S. Mortality^f</u>	Rate 2000-2004		Trend 1995-2004	
	Rate per 100,000 persons		APC (%)	
	<u>Females</u>		<u>Females</u>	
RACE/ETHNICITY				
All Races	2.6		-3.5*	
White	2.3		-3.2*	
White Hispanic ^d	3.5		-3.4*	
White Non-Hispanic ^d	2.2		-3.3*	
Black	4.9		-4.7*	
Asian/Pacific Islander	2.4		-4.5*	
Amer Ind/Alaska Nat				
Total U.S.	2.7		-4.2	
CHSDA Counties	4.0		-1.6	
Non-CHSDA Counties	1.1		-	
Hispanic ^d	3.3		-3.3*	

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table V-9
CERVIX UTERI CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	8.3	5.6	15.4	7.2	6.0	10.5	10.8	5.1	25.7
Atlanta	8.3	5.6	15.3	7.3	6.0	10.7	10.6	5.1	25.0
Rural Georgia	9.7	-	18.0	-	-	-	15.1	-	-
California	8.8	6.7	14.3	9.0	7.3	13.7	8.3	5.5	15.9
Greater Bay Area	6.8	5.2	11.1	6.8	5.6	10.2	8.4	6.0	14.6
San Francisco-Oakland	6.5	4.8	10.8	6.4	5.0	10.0	8.2	6.3	13.0
San Jose-Monterey	7.3	5.7	11.6	7.6	6.5	10.6	-	-	-
Los Angeles	11.2	8.1	19.5	12.0	9.0	20.0	9.0	6.0	16.9
Greater California	8.3	6.6	12.9	8.4	7.0	12.1	7.4	4.6	14.9
Connecticut	6.7	4.7	12.0	6.4	4.7	10.7	11.8	5.3	28.7
Detroit	8.7	6.4	14.7	7.6	5.9	12.2	12.3	8.1	23.3
Hawaii	8.2	6.7	12.0	7.9	6.9	10.5	-	-	-
Iowa	7.4	6.2	10.6	7.3	6.2	10.4	-	-	-
Kentucky	10.4	8.5	15.3	10.0	8.3	14.3	14.1	9.3	26.7
Louisiana	10.0	8.1	14.8	8.4	7.3	11.1	14.2	10.0	25.1
New Jersey	9.6	7.0	16.2	9.1	7.0	14.5	14.3	8.9	28.6
New Mexico	8.7	6.7	13.8	8.9	7.2	13.4	-	-	-
Seattle-Puget Sound	7.0	5.9	10.0	6.8	6.0	8.9	7.6	-	-
Utah	6.2	5.1	9.2	6.2	5.2	8.9	-	-	-
9 SEER Areas ^b	7.4	5.7	12.0	7.0	5.7	10.5	10.4	6.0	22.0
11 SEER Areas ^b	8.3	6.2	13.6	8.2	6.5	12.5	10.1	6.0	20.7
13 SEER Areas ^b	8.3	6.2	13.6	8.2	6.5	12.5	10.1	6.0	21.0
17 SEER Areas ^b	8.7	6.6	14.0	8.5	6.8	12.7	11.4	7.1	22.6

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table V-10
CERVIX UTERI CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	2.5	1.0	6.4	2.0	1.0	4.8	3.4	1.1	9.4
Atlanta	2.5	0.9	6.5	2.0	0.9	5.0	3.4	1.1	9.3
Rural Georgia	-	-	-	-	-	-	-	-	-
California	2.5	1.2	5.9	2.4	1.3	5.5	3.9	1.7	9.6
Greater Bay Area	1.8	0.8	4.3	1.6	0.8	3.8	3.6	2.0	7.8
San Francisco-Oakland	1.8	0.8	4.3	1.6	0.7	3.9	3.8	2.2	7.9
San Jose-Monterey	1.8	0.9	4.1	1.7	1.0	3.6	-	-	-
Los Angeles	3.4	1.5	8.2	3.3	1.6	7.8	4.7	2.1	11.6
Greater California	2.4	1.2	5.4	2.3	1.3	5.1	2.9	1.1	7.6
Connecticut	1.8	0.7	4.7	1.7	0.6	4.6	2.6	-	-
Detroit	2.5	1.0	6.2	2.0	0.9	5.2	3.9	1.5	10.2
Hawaii	2.4	1.3	5.1	2.1	-	-	-	-	-
Iowa	2.4	1.2	5.4	2.4	1.3	5.2	-	-	-
Kentucky	2.8	1.6	6.1	2.6	1.5	5.6	5.9	-	15.1
Louisiana	2.9	1.7	6.2	1.9	1.2	3.7	5.6	2.7	13.1
New Jersey	2.7	1.3	6.3	2.4	1.3	5.5	5.3	2.1	13.8
New Mexico	2.3	1.1	5.6	2.2	1.1	5.2	-	-	-
Seattle-Puget Sound	1.8	0.8	4.5	1.6	0.7	3.9	-	-	-
Utah	1.7	0.9	3.7	1.7	0.9	3.7	-	-	-
9 SEER Areas ^b	2.1	0.9	5.1	1.9	0.9	4.6	3.6	1.3	9.4
11 SEER Areas ^b	2.4	1.1	5.8	2.2	1.0	5.2	3.8	1.5	9.9
13 SEER Areas ^b	2.4	1.1	5.7	2.2	1.0	5.2	3.8	1.5	9.9
17 SEER Areas ^b	2.5	1.2	5.8	2.3	1.2	5.1	4.3	1.8	11.1
Total U.S.	2.6	1.3	5.9	2.3	1.2	5.2	4.9	2.0	12.4

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Cervix Uteri Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

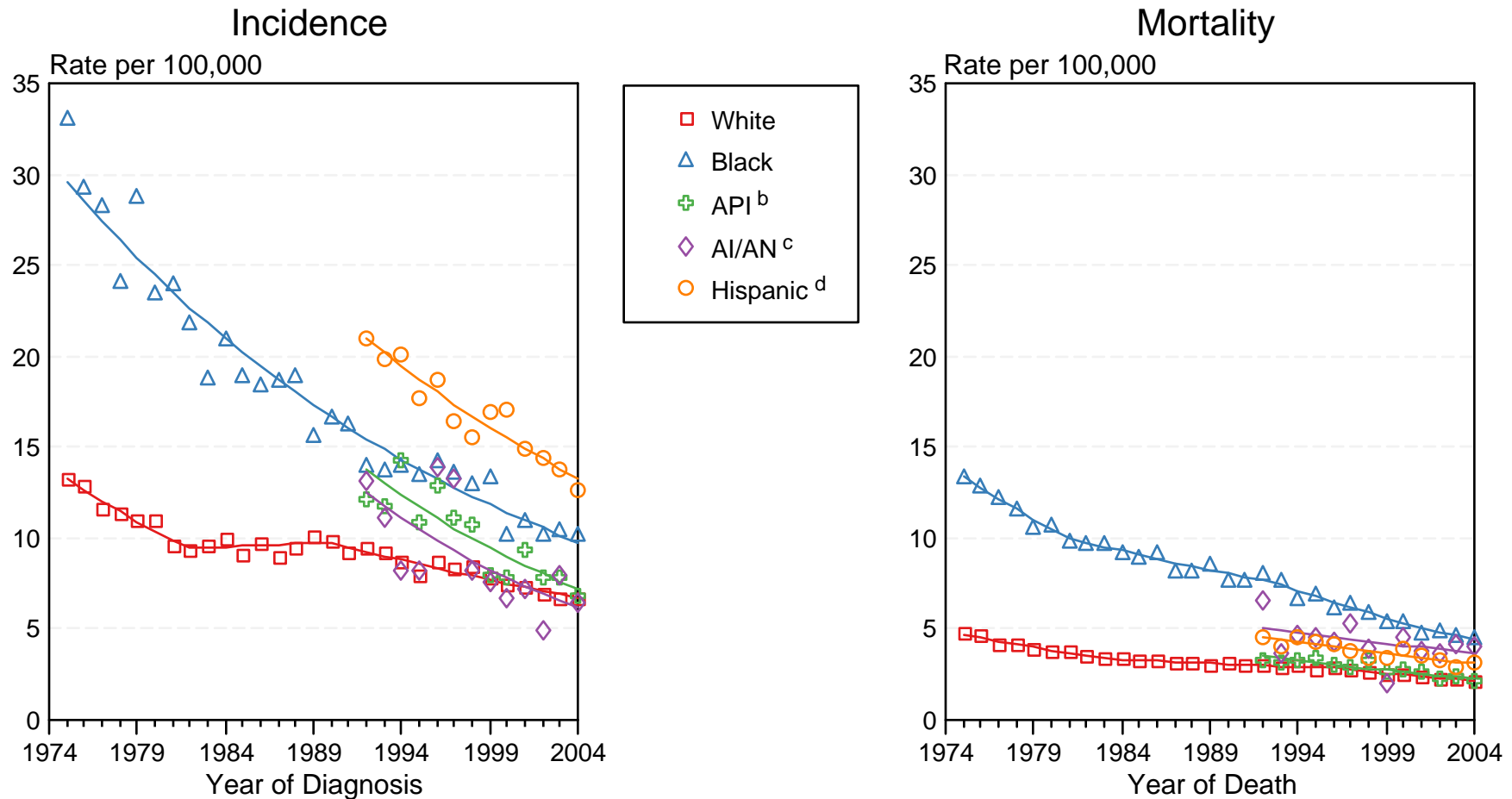


Figure V-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table VI-16
COLON AND RECTUM CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	51.6	60.8	44.6	-1.5*	-1.8*	-1.3*
White	51.2	60.4	44.0	-1.6*	-2.0*	-1.4*
White Hispanic ^d	39.9	48.4	33.3	-1.0	-1.4*	-0.8
White Non-Hispanic ^d	52.0	61.2	44.7	-1.5*	-1.9*	-1.4*
Black	62.1	72.6	55.0	-0.4	-0.2	-0.6
Asian/Pacific Islander	41.6	49.7	35.3	-1.2*	-1.6*	-0.7
Amer Ind/Alaska Nat ^e	40.8	42.1	39.6	-0.5	-2.2	1.4
Hispanic ^d	39.3	47.5	32.9	-0.9	-1.2	-0.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	19.4	23.5	16.4	-2.2*	-2.4*	-2.2*
White	18.9	22.9	15.9	-2.3*	-2.4*	-2.3*
White Hispanic ^d	14.1	17.6	11.4	-0.9*	-1.4*	-0.6
White Non-Hispanic ^d	19.2	23.3	16.2	-2.2*	-2.4*	-2.3*
Black	26.7	32.7	22.9	-1.5*	-1.5*	-1.7*
Asian/Pacific Islander	12.3	15.0	10.3	-2.0*	-1.9*	-1.9*
Amer Ind/Alaska Nat						
Total U.S.	13.0	15.9	10.8	-2.6*	-1.9	-3.6*
CHSDA Counties	17.0	20.6	14.3	-1.4	-0.2	-2.4
Non-CHSDA Counties	7.8	9.8	6.1	-4.6*	-4.9	-5.2*
Hispanic ^d	13.6	17.0	11.1	-0.9*	-1.4*	-0.6

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table VI-17
COLON CANCER (Invasive) and RECTUM CANCER (Invasive)

SEER INCIDENCE
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

Colon Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	37.4	42.5	33.5	-1.4*	-1.7*	-1.3*
White	37.0	42.2	33.0	-1.5*	-1.9*	-1.3*
White Hispanic ^d	27.6	32.1	24.2	-0.7	-0.9	-0.7
White Non-Hispanic ^d	37.7	42.9	33.6	-1.5*	-1.9*	-1.3*
Black	47.8	54.9	43.1	-0.4	-0.1	-0.8
Asian/Pacific Islander	28.1	32.3	24.9	-1.2	-1.3	-1.1
Amer Ind/Alaska Nat ^e	29.2	27.3	30.6	-0.1	-2.8	2.2
Hispanic ^d	27.2	31.6	23.9	-0.7	-0.8	-0.7

Rectum Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	14.3	18.3	11.1	-1.6*	-1.9*	-1.3
White	14.2	18.3	11.0	-1.8*	-2.0*	-1.7*
White Hispanic ^d	12.2	16.2	9.1	-1.6*	-2.4*	-1.0
White Non-Hispanic ^d	14.3	18.3	11.1	-1.7*	-1.9*	-1.6*
Black	14.3	17.6	11.9	-0.6	-0.7	-0.2
Asian/Pacific Islander	13.5	17.5	10.4	-1.3	-2.4*	0.3
Amer Ind/Alaska Nat ^e	11.6	14.8	9.0	-1.5	-	-
Hispanic ^d	12.1	16.0	9.0	-1.4	-2.2*	-0.7

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- * The APC is significantly different from zero (p<.05).

Table VI-18
COLON AND RECTUM CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	49.2	57.9	43.2	45.1	53.3	39.0	61.7	74.3	54.6
Atlanta	49.0	57.1	43.4	45.0	52.8	39.2	61.7	73.5	55.2
Rural Georgia	54.5	71.6	42.2	47.1	61.1	37.5	67.6	93.3	49.9
California	46.8	55.0	40.4	46.7	55.1	40.1	56.3	63.9	50.7
Greater Bay Area	46.4	54.0	40.4	46.6	54.2	40.6	50.3	59.0	44.1
San Francisco-Oakland	47.5	55.5	41.2	47.3	55.5	40.8	50.9	59.4	45.0
San Jose-Monterey	44.0	50.8	38.6	45.3	51.7	40.1	46.4	58.5	37.0
Los Angeles	48.0	56.1	41.7	46.7	54.9	40.3	61.0	69.6	55.1
Greater California	46.4	54.8	39.7	46.8	55.5	39.9	53.9	59.9	49.0
Connecticut	56.7	66.9	49.0	56.4	66.8	48.5	58.5	67.1	52.8
Detroit	55.6	65.8	48.4	52.7	62.3	45.5	68.6	81.9	60.0
Hawaii	52.0	64.7	41.6	51.1	60.9	42.6	43.3	60.0	-
Iowa	59.3	69.0	51.5	59.1	68.8	51.4	63.8	82.2	50.9
Kentucky	60.4	71.3	52.8	59.7	70.7	51.8	73.3	82.1	67.6
Louisiana	58.4	71.3	48.9	56.4	69.8	46.2	65.5	77.5	57.5
New Jersey	59.0	70.1	50.8	58.8	70.1	50.3	63.4	76.7	55.1
New Mexico	42.9	51.5	35.7	44.0	52.8	36.5	38.6	41.5	34.9
Seattle-Puget Sound	48.3	55.2	42.6	48.6	55.7	42.6	55.0	58.4	52.1
Utah	40.8	47.5	35.2	41.0	47.8	35.5	56.6	-	-
9 SEER Areas ^b	51.5	60.2	44.6	50.9	59.6	44.0	61.5	72.4	54.5
11 SEER Areas ^b	50.3	58.8	43.6	49.7	58.1	43.0	61.2	71.4	54.5
13 SEER Areas ^b	50.3	58.9	43.7	49.7	58.1	43.0	61.3	71.7	54.4
17 SEER Areas ^b	51.6	60.8	44.6	51.2	60.4	44.0	62.1	72.6	55.0

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table VI-19
COLON AND RECTUM CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	17.9	21.3	15.8	14.8	18.1	12.6	26.9	31.8	24.3
Atlanta	17.7	21.0	15.7	14.8	18.0	12.7	26.6	31.4	24.1
Rural Georgia	21.1	27.2	16.9	15.3	21.1	10.6	32.2	38.4	28.3
California	17.0	20.2	14.7	17.0	20.2	14.5	26.0	29.9	23.3
Greater Bay Area	16.2	19.1	14.0	16.4	19.3	14.2	23.2	27.8	20.1
San Francisco-Oakland	17.2	20.2	14.9	17.2	20.1	15.0	23.0	26.9	20.4
San Jose-Monterey	14.2	17.0	12.0	14.9	17.7	12.7	26.9	35.9	18.9
Los Angeles	17.4	20.6	15.0	16.8	20.0	14.5	27.5	32.8	24.1
Greater California	17.2	20.3	14.7	17.3	20.6	14.7	26.0	27.5	24.7
Connecticut	18.6	22.3	15.9	18.4	22.3	15.6	23.3	26.8	21.3
Detroit	19.5	23.8	16.6	18.1	22.1	15.3	26.0	31.9	22.3
Hawaii	16.0	21.0	12.0	16.3	20.3	12.6	-	-	-
Iowa	20.3	24.5	17.2	20.3	24.5	17.3	24.7	38.7	-
Kentucky	22.8	27.7	19.5	22.3	27.3	18.9	32.3	35.6	30.7
Louisiana	23.1	29.2	18.8	20.9	26.9	16.7	30.2	37.7	25.3
New Jersey	21.5	25.9	18.3	21.3	25.7	18.2	26.1	31.7	22.4
New Mexico	17.3	21.5	13.8	17.6	21.7	14.2	20.6	29.4	-
Seattle-Puget Sound	16.8	19.3	14.7	16.8	19.5	14.5	23.1	21.8	23.5
Utah	14.6	17.1	12.7	14.6	17.1	12.7	-	-	-
9 SEER Areas ^b	17.9	21.5	15.3	17.6	21.1	15.0	24.9	29.7	22.0
11 SEER Areas ^b	17.6	21.0	15.1	17.3	20.7	14.8	25.7	30.6	22.5
13 SEER Areas ^b	17.6	21.1	15.1	17.3	20.7	14.8	25.7	30.6	22.6
17 SEER Areas ^b	18.7	22.3	15.9	18.4	22.0	15.6	26.9	32.0	23.6
Total U.S.	19.4	23.5	16.4	18.9	22.9	15.9	26.7	32.7	22.9

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Colon and Rectum Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

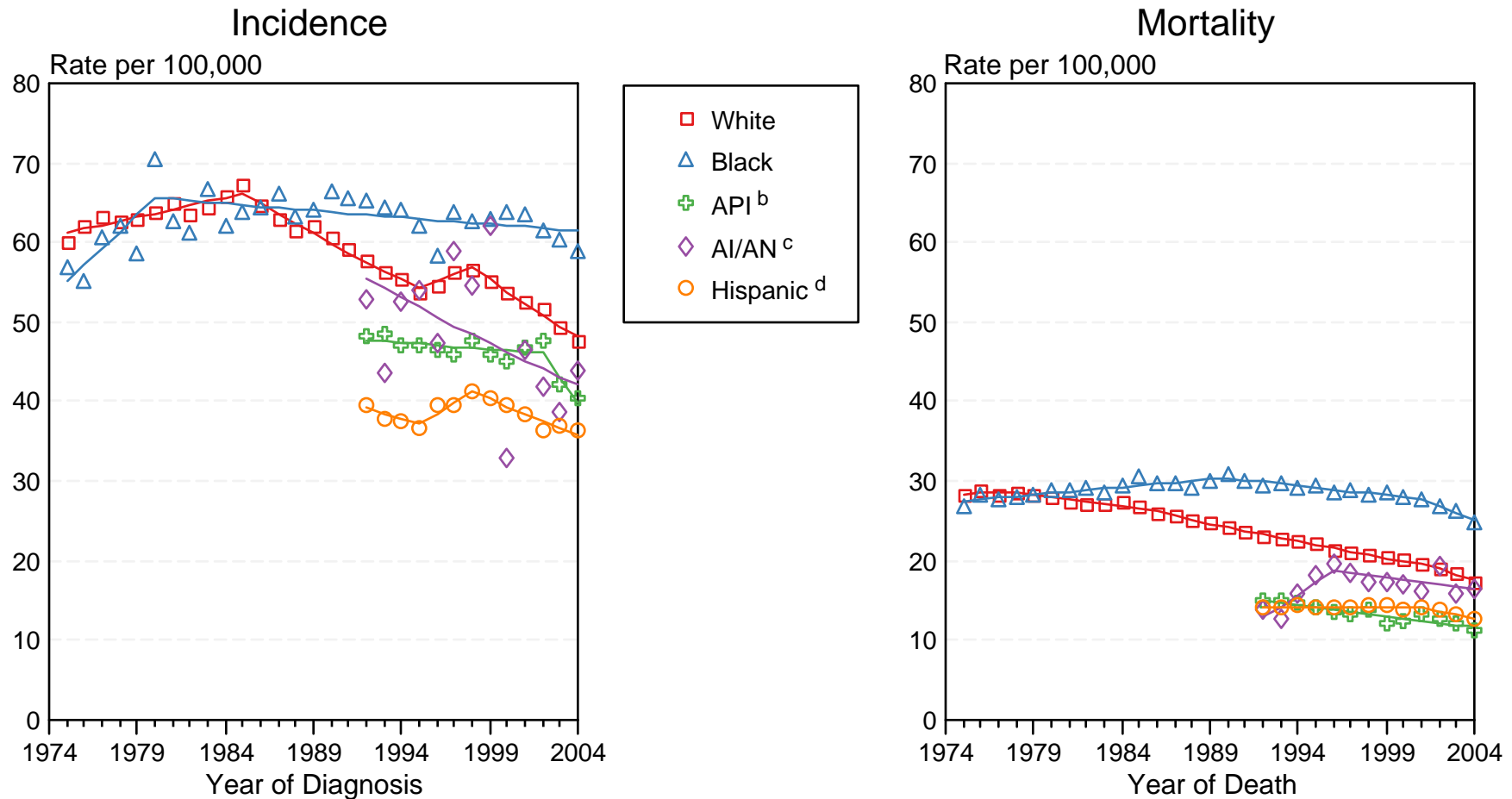


Figure VI-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table VII-8
CORPUS AND UTERUS, NOS CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	23.2	-0.8*
White	24.3	-1.0*
White Hispanic ^d	17.8	0.7
White Non-Hispanic ^d	25.3	-1.0*
Black	19.6	1.4
Asian/Pacific Islander	16.2	0.2
Amer Ind/Alaska Nat ^e	15.1	-
Hispanic ^d	17.4	0.8

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004	Trend 1995-2004
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	4.1	0.1
White	3.9	0.0
White Hispanic ^d	3.2	-0.6
White Non-Hispanic ^d	3.9	0.0
Black	7.1	0.6
Asian/Pacific Islander	2.4	1.1
Amer Ind/Alaska Nat		
Total U.S.	2.3	-1.2
CHSDA Counties	2.9	-
Non-CHSDA Counties	1.6	-
Hispanic ^d	3.1	-0.5

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table VII-9
CORPUS AND UTERUS, NOS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	18.8	4.0	57.8	20.2	4.2	62.2	16.7	3.4	51.7
Atlanta	19.2	4.0	58.9	20.6	4.3	63.2	17.1	3.4	53.1
Rural Georgia	13.6	-	42.0	14.3	-	47.0	12.4	-	-
California	21.7	4.7	66.0	22.6	4.6	69.9	19.1	3.3	60.5
Greater Bay Area	22.8	4.5	70.6	24.4	4.0	78.0	20.0	4.5	60.5
San Francisco-Oakland	23.7	4.7	73.3	25.1	3.8	80.8	20.5	4.7	62.0
San Jose-Monterey	21.0	4.1	65.3	23.3	4.3	73.0	15.2	-	-
Los Angeles	21.8	5.3	65.2	23.4	5.4	70.7	19.8	3.6	62.4
Greater California	21.1	4.5	64.7	21.8	4.4	67.2	17.7	2.4	57.8
Connecticut	28.5	5.6	88.4	29.3	5.9	90.6	20.1	3.3	64.1
Detroit	26.4	5.3	81.7	28.0	5.7	86.6	22.4	4.5	69.3
Hawaii	24.8	9.0	66.2	23.9	4.4	74.8	-	-	-
Iowa	27.2	5.7	83.3	27.4	5.8	83.9	-	-	-
Kentucky	23.1	6.5	66.8	23.2	6.5	66.9	19.6	4.8	58.1
Louisiana	17.3	4.5	50.8	17.5	5.6	48.5	18.0	2.4	59.0
New Jersey	28.2	5.1	88.8	29.8	5.4	93.6	22.4	3.6	71.5
New Mexico	19.4	4.9	57.2	19.7	4.6	59.2	-	-	-
Seattle-Puget Sound	24.8	4.7	77.4	26.0	4.9	81.3	17.1	-	58.8
Utah	22.8	4.9	69.5	23.0	4.9	70.6	-	-	-
9 SEER Areas ^b	24.6	5.1	75.5	25.7	5.0	79.8	19.7	3.7	61.8
11 SEER Areas ^b	23.8	5.1	72.6	25.1	5.1	77.5	19.7	3.7	61.8
13 SEER Areas ^b	23.7	5.1	72.4	25.1	5.1	77.4	19.6	3.7	61.4
17 SEER Areas ^b	23.2	5.0	71.0	24.3	5.0	74.6	19.6	3.3	62.1

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table VII-10
CORPUS AND UTERUS, NOS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	3.9	-	13.4	3.1	-	10.7	5.9	-	20.6
Atlanta	3.8	-	13.3	3.1	-	10.7	5.8	-	20.2
Rural Georgia	4.1	-	14.7	-	-	-	-	-	-
California	3.9	0.4	13.1	3.9	0.3	13.1	7.2	0.5	24.7
Greater Bay Area	4.0	0.3	13.5	4.1	0.2	14.1	7.0	-	24.4
San Francisco-Oakland	4.1	0.4	13.8	4.1	-	14.2	7.3	-	25.5
San Jose-Monterey	3.7	-	12.8	4.0	-	13.9	-	-	-
Los Angeles	4.2	0.4	14.4	4.2	0.4	14.1	7.7	-	26.6
Greater California	3.7	0.4	12.3	3.7	0.4	12.4	6.5	-	22.1
Connecticut	4.0	0.3	13.7	3.9	0.3	13.4	6.3	-	20.9
Detroit	4.9	0.5	16.5	4.3	0.3	14.6	7.2	1.0	23.6
Hawaii	3.8	0.8	11.8	2.7	-	8.8	-	-	-
Iowa	4.4	0.5	14.4	4.4	0.5	14.5	-	-	-
Kentucky	3.6	0.4	12.0	3.5	0.4	11.4	6.6	-	23.4
Louisiana	3.6	0.4	11.7	2.5	0.4	7.8	7.0	-	24.1
New Jersey	5.2	0.3	17.8	5.0	0.4	17.2	7.5	-	26.3
New Mexico	3.8	0.5	12.5	3.8	-	12.8	-	-	-
Seattle-Puget Sound	4.0	0.3	13.7	4.1	0.3	13.8	6.3	-	22.8
Utah	4.3	-	14.9	4.3	-	15.0	-	-	-
9 SEER Areas ^b	4.2	0.4	14.1	4.0	0.3	13.7	6.6	0.6	22.3
11 SEER Areas ^b	4.2	0.4	14.1	4.1	0.3	13.8	6.9	0.6	23.4
13 SEER Areas ^b	4.2	0.4	14.1	4.0	0.3	13.8	6.9	0.6	23.4
17 SEER Areas ^b	4.1	0.4	13.9	4.0	0.3	13.4	7.0	0.5	23.9
Total U.S.	4.1	0.4	14.0	3.9	0.3	13.1	7.1	0.4	24.5

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Corpus and Uterus, NOS Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

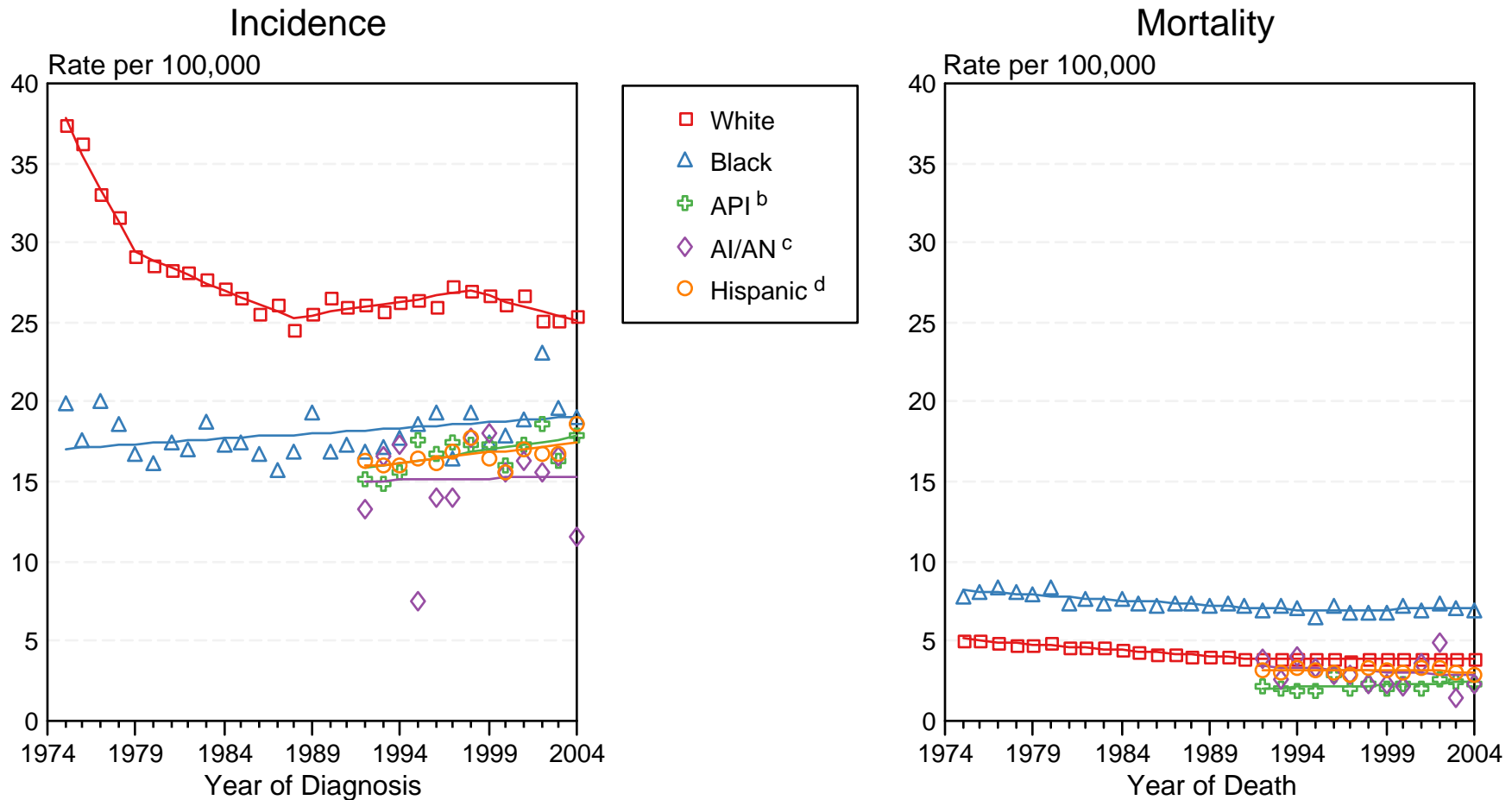


Figure VII-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table VIII-10
ESOPHAGUS CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.6	7.9	2.0	0.2	0.5	-0.8
White	4.6	8.0	1.9	1.3*	1.7*	0.0
White Hispanic ^d	3.1	5.5	1.2	-1.2	-0.9	-1.7
White Non-Hispanic ^d	4.8	8.3	2.1	1.7*	2.0*	0.3
Black	6.2	10.4	3.2	-4.6*	-4.9*	-3.7*
Asian/Pacific Islander	2.5	4.2	1.2	-1.9	-2.4	1.5
Amer Ind/Alaska Nat ^e	4.1	7.0	-	-	-	-
Hispanic ^d	3.0	5.4	1.2	-1.1	-0.9	-1.3

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.4	7.8	1.8	0.3*	0.4*	-0.5
White	4.3	7.7	1.7	1.2*	1.3*	0.2
White Hispanic ^d	2.5	4.4	1.0	-2.1*	-2.5*	-1.7
White Non-Hispanic ^d	4.5	7.9	1.7	1.5*	1.5*	0.4
Black	6.0	10.2	3.0	-4.2*	-4.7*	-2.9*
Asian/Pacific Islander	1.8	3.1	0.8	-2.6	-2.1	-3.8
Amer Ind/Alaska Nat						
Total U.S.	2.9	5.2	1.2	0.9	0.9	-
CHSDA Counties	3.8	6.7	1.5	4.5*	4.6*	-
Non-CHSDA Counties	1.9	3.1	-	-	-	-
Hispanic ^d	2.4	4.2	1.0	-2.2*	-2.5*	-1.8

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table VIII-11
ESOPHAGUS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	4.8	7.9	2.4	4.1	7.0	1.8	6.4	10.7	3.4
Atlanta	4.7	7.7	2.3	4.1	7.0	1.8	6.1	10.2	3.3
Rural Georgia	7.4	11.7	-	4.3	-	-	13.0	22.0	-
California	4.1	6.9	1.9	4.3	7.3	1.9	5.0	8.1	2.8
Greater Bay Area	4.0	6.6	1.9	4.4	7.4	1.9	5.1	7.5	3.2
San Francisco-Oakland	4.0	6.7	1.9	4.4	7.4	2.0	5.0	7.5	3.1
San Jose-Monterey	3.9	6.5	1.8	4.2	7.3	1.8	-	-	-
Los Angeles	3.7	6.2	1.9	3.8	6.4	1.8	5.1	8.3	2.9
Greater California	4.3	7.4	1.9	4.5	7.6	1.9	4.8	8.5	2.1
Connecticut	5.6	9.6	2.6	5.6	9.5	2.5	7.4	12.0	4.1
Detroit	5.6	9.5	2.6	5.2	9.0	2.2	7.3	12.0	4.0
Hawaii	3.6	6.4	1.2	3.8	6.5	-	-	-	-
Iowa	5.1	9.2	1.8	5.2	9.3	1.8	-	-	-
Kentucky	5.0	9.0	1.8	4.9	8.7	1.7	7.9	14.6	3.3
Louisiana	5.0	8.8	2.0	4.6	8.2	1.7	6.0	10.7	2.7
New Jersey	5.1	8.6	2.3	4.9	8.4	2.2	7.2	12.7	3.5
New Mexico	4.1	7.2	1.5	4.3	7.4	1.6	-	-	-
Seattle-Puget Sound	5.2	8.7	2.3	5.3	9.0	2.3	4.6	-	-
Utah	3.2	5.8	1.0	3.3	5.9	1.0	-	-	-
9 SEER Areas ^b	4.8	8.2	2.1	4.8	8.3	2.0	6.4	10.1	3.6
11 SEER Areas ^b	4.5	7.7	2.0	4.6	7.9	2.0	6.0	9.6	3.5
13 SEER Areas ^b	4.5	7.7	2.0	4.6	7.9	2.0	6.1	9.7	3.5
17 SEER Areas ^b	4.6	7.9	2.0	4.6	8.0	1.9	6.2	10.4	3.2

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table VIII-12
ESOPHAGUS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	4.1	6.9	2.0	3.4	5.7	1.6	6.0	10.9	2.8
Atlanta	4.0	6.8	1.9	3.4	5.7	1.6	5.7	10.7	2.5
Rural Georgia	6.8	10.3	-	4.1	-	-	12.0	17.8	-
California	3.8	6.5	1.7	4.0	6.9	1.7	4.5	7.1	2.6
Greater Bay Area	3.6	6.0	1.7	4.0	6.7	1.8	4.9	7.0	3.3
San Francisco-Oakland	3.7	6.2	1.8	4.0	6.8	1.8	5.0	7.1	3.4
San Jose-Monterey	3.4	5.6	1.7	3.8	6.3	1.8	-	-	-
Los Angeles	3.3	5.6	1.5	3.4	5.9	1.5	4.4	7.1	2.6
Greater California	4.1	7.0	1.7	4.3	7.4	1.8	4.1	7.3	1.9
Connecticut	4.5	8.0	1.9	4.4	7.8	1.7	6.2	10.2	3.3
Detroit	5.0	9.2	1.8	5.0	9.4	1.7	5.0	8.9	2.3
Hawaii	2.7	5.1	0.8	3.5	6.3	-	-	-	-
Iowa	4.6	8.2	1.7	4.6	8.2	1.7	-	-	-
Kentucky	4.4	8.3	1.4	4.3	8.0	1.4	6.9	13.5	-
Louisiana	4.5	8.2	1.7	4.2	7.7	1.5	5.5	10.0	2.3
New Jersey	4.3	7.6	1.9	4.3	7.5	1.8	5.6	10.2	2.4
New Mexico	3.9	7.1	1.3	4.0	7.3	1.3	-	-	-
Seattle-Puget Sound	4.8	8.4	1.9	5.0	8.8	1.9	4.2	-	-
Utah	2.9	5.5	0.8	3.0	5.6	0.8	-	-	-
9 SEER Areas ^b	4.2	7.5	1.7	4.3	7.7	1.6	5.2	8.8	2.7
11 SEER Areas ^b	4.0	7.0	1.6	4.1	7.3	1.6	5.0	8.3	2.7
13 SEER Areas ^b	4.0	7.0	1.6	4.1	7.3	1.6	5.1	8.4	2.7
17 SEER Areas ^b	4.1	7.2	1.7	4.2	7.4	1.6	5.2	9.0	2.5
Total U.S.	4.4	7.8	1.8	4.3	7.7	1.7	6.0	10.2	3.0

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Esophagus Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

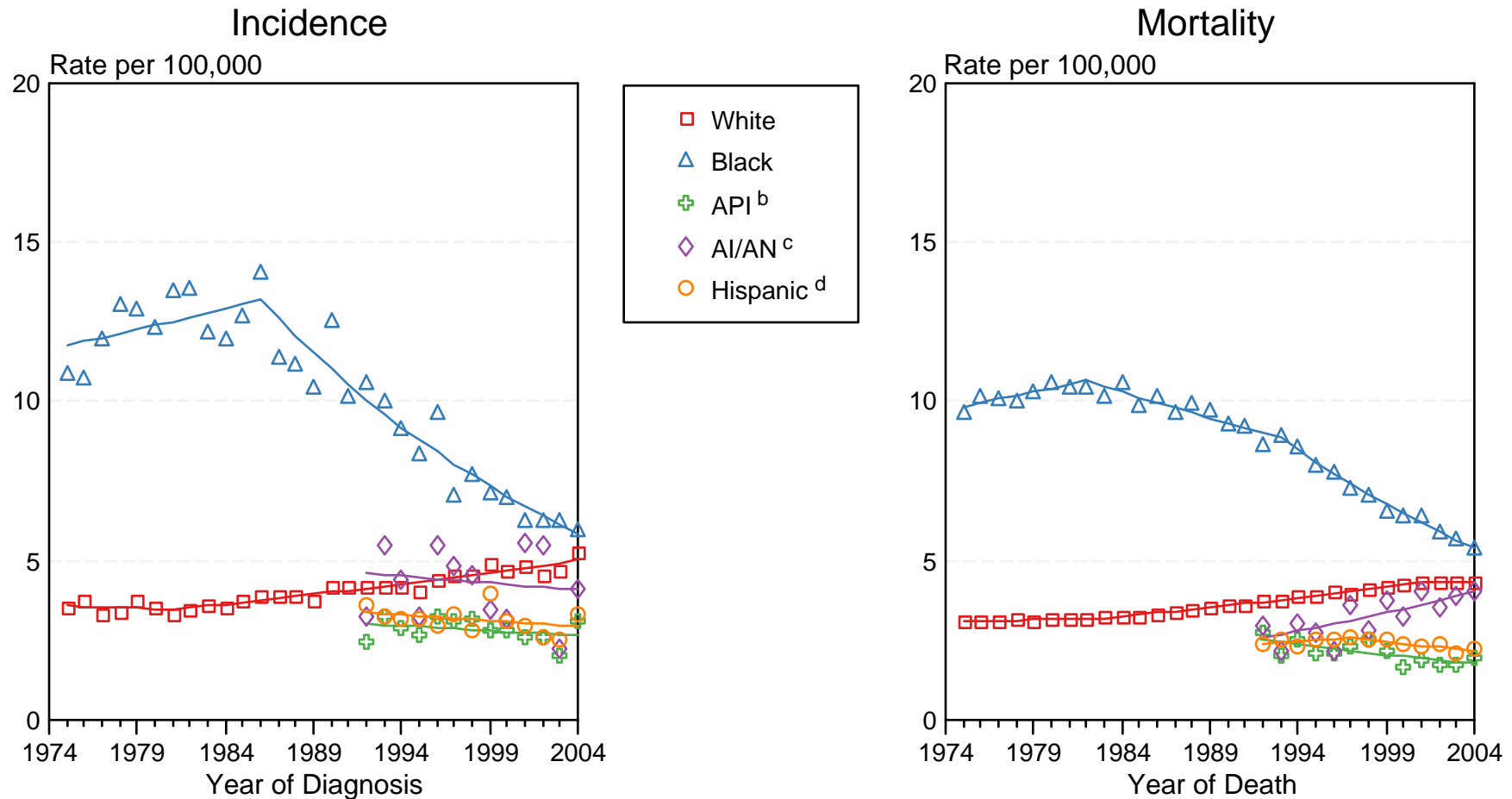


Figure VIII-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table IX-10
HODGKIN LYMPHOMA

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.7	3.0	2.4	0.1	-0.2	0.6
White	2.9	3.2	2.6	-0.2	-0.4	0.1
White Hispanic ^d	2.3	2.9	1.8	-0.3	0.8	-1.8
White Non-Hispanic ^d	3.2	3.5	3.0	0.0	-0.5	0.6
Black	2.4	2.8	2.1	1.5	0.1	3.4
Asian/Pacific Islander	1.2	1.4	1.0	6.4*	6.1*	6.7*
Amer Ind/Alaska Nat ^e	0.9	-	-	-	-	-
Hispanic ^d	2.2	2.8	1.7	-0.3	0.6	-1.6

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.5	0.6	0.4	-2.4*	-2.2*	-2.5*
White	0.5	0.6	0.4	-2.2*	-2.0*	-2.4*
White Hispanic ^d	0.5	0.6	0.3	-5.2*	-4.4*	-5.8*
White Non-Hispanic ^d	0.5	0.6	0.4	-2.0*	-1.8*	-2.1*
Black	0.4	0.5	0.3	-3.8*	-4.6*	-2.6
Asian/Pacific Islander	0.2	0.3	0.2	-	-	-
Amer Ind/Alaska Nat						
Total U.S.	0.2	-	-	-	-	-
CHSDA Counties	0.3	-	-	-	-	-
Non-CHSDA Counties	-	-	-	-	-	-
Hispanic ^d	0.4	0.6	0.3	-5.3*	-4.4*	-6.1*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table IX-11
HODGKIN LYMPHOMA

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	2.5	2.8	2.3	2.8	2.9	2.7	2.3	2.8	2.0
Atlanta	2.5	2.7	2.4	2.8	2.9	2.7	2.2	2.7	2.0
Rural Georgia	2.5	-	-	-	-	-	-	-	-
California	2.4	2.8	2.1	2.6	3.0	2.3	2.3	2.7	2.0
Greater Bay Area	2.6	3.0	2.1	2.9	3.5	2.4	2.0	2.4	1.7
San Francisco-Oakland	2.5	2.9	2.0	2.8	3.2	2.4	2.0	2.3	1.7
San Jose-Monterey	2.7	3.3	2.2	3.1	3.9	2.5	-	-	-
Los Angeles	2.4	2.8	2.0	2.7	3.1	2.3	2.3	2.6	2.0
Greater California	2.4	2.7	2.1	2.6	2.8	2.3	2.6	3.0	2.2
Connecticut	3.6	3.9	3.3	3.7	4.0	3.4	3.6	4.3	3.1
Detroit	3.2	3.5	3.0	3.4	3.7	3.2	2.8	3.1	2.6
Hawaii	1.8	2.2	1.4	1.7	2.2	-	-	-	-
Iowa	2.8	3.0	2.7	2.8	3.0	2.6	-	-	-
Kentucky	3.0	3.4	2.6	3.0	3.4	2.7	2.6	3.3	-
Louisiana	2.7	3.1	2.4	3.2	3.6	2.8	1.9	2.3	1.6
New Jersey	3.3	3.6	3.1	3.7	3.9	3.5	2.7	3.0	2.4
New Mexico	2.2	2.7	1.8	2.4	2.9	2.0	-	-	-
Seattle-Puget Sound	2.9	3.4	2.5	3.2	3.7	2.7	2.5	-	-
Utah	2.2	2.3	2.2	2.3	2.4	2.3	-	-	-
9 SEER Areas ^b	2.8	3.1	2.5	3.0	3.3	2.7	2.6	3.0	2.3
11 SEER Areas ^b	2.7	3.0	2.4	2.9	3.2	2.6	2.5	2.9	2.2
13 SEER Areas ^b	2.7	3.0	2.3	2.9	3.2	2.6	2.5	2.9	2.2
17 SEER Areas ^b	2.7	3.0	2.4	2.9	3.2	2.6	2.4	2.8	2.1

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table IX-12
HODGKIN LYMPHOMA

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	0.5	0.6	0.4	0.5	0.6	0.4	0.4	-	-
Atlanta	0.5	0.6	0.4	0.5	0.6	0.4	0.4	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	0.4	0.5	0.4	0.5	0.6	0.4	0.4	0.4	0.4
Greater Bay Area	0.4	0.5	0.3	0.4	0.5	0.3	0.7	-	-
San Francisco-Oakland	0.4	0.4	0.3	0.4	0.4	0.3	-	-	-
San Jose-Monterey	0.4	0.6	0.3	0.5	0.7	0.4	-	-	-
Los Angeles	0.4	0.6	0.3	0.5	0.7	0.4	0.3	-	-
Greater California	0.5	0.5	0.4	0.5	0.6	0.4	-	-	-
Connecticut	0.4	0.6	0.3	0.4	0.6	0.3	-	-	-
Detroit	0.5	0.7	0.4	0.5	0.7	0.4	0.4	-	-
Hawaii	0.4	-	-	-	-	-	-	-	-
Iowa	0.4	0.4	0.3	0.4	0.5	0.3	-	-	-
Kentucky	0.6	0.8	0.4	0.6	0.8	0.4	-	-	-
Louisiana	0.5	0.5	0.5	0.5	0.6	0.5	0.3	-	-
New Jersey	0.5	0.6	0.5	0.6	0.6	0.6	0.3	-	-
New Mexico	0.4	0.4	0.4	0.4	-	0.4	-	-	-
Seattle-Puget Sound	0.4	0.6	0.4	0.5	0.6	0.4	-	-	-
Utah	0.3	0.5	-	0.4	0.5	-	-	-	-
9 SEER Areas ^b	0.4	0.5	0.3	0.4	0.5	0.3	0.5	0.6	0.3
11 SEER Areas ^b	0.4	0.5	0.3	0.4	0.6	0.4	0.4	0.6	0.3
13 SEER Areas ^b	0.4	0.5	0.3	0.5	0.6	0.4	0.4	0.6	0.3
17 SEER Areas ^b	0.5	0.6	0.4	0.5	0.6	0.4	0.4	0.5	0.3
Total U.S.	0.5	0.6	0.4	0.5	0.6	0.4	0.4	0.5	0.3

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

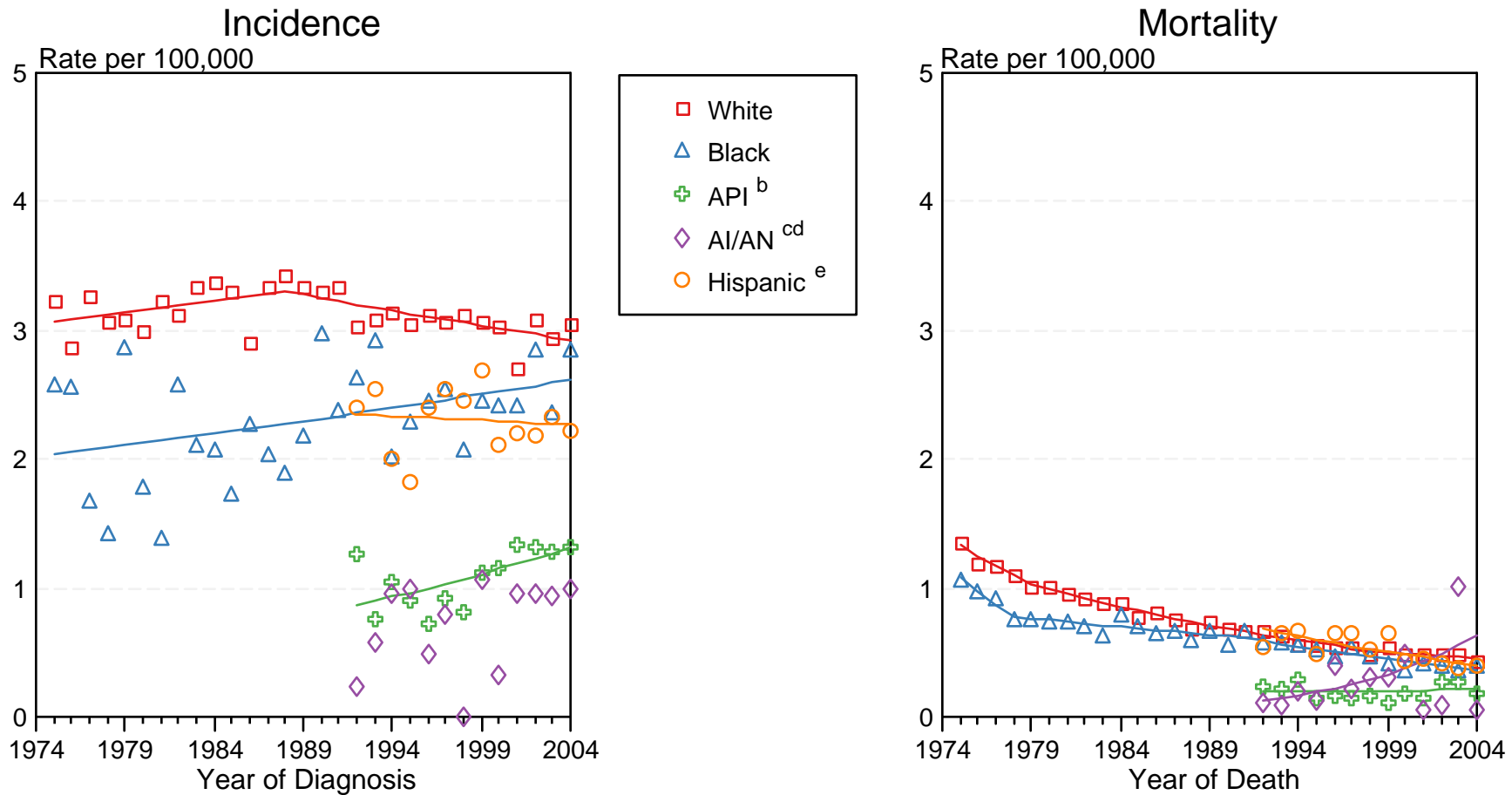


Figure IX-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table X-11
KAPOSI SARCOMA

SEER INCIDENCE
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

RACE/ETHNICITY	Rate 2000-2004 ^b Rate per 100,000 persons			Trend 1995-2004 ^c APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.7	1.3	0.1	-17.4*	-17.8*	-7.6*
White	0.6	1.1	0.1	-18.7*	-19.2*	-5.6*
White Hispanic ^d	1.0	1.8	0.2	-16.3*	-16.9*	-
White Non-Hispanic ^d	0.6	1.1	0.1	-19.6*	-20.1*	-6.4*
Black	1.3	2.6	0.2	-14.2*	-14.2*	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	1.0	1.8	0.2	-16.1*	-16.6*	-

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- * The APC is significantly different from zero (p<.05).

Table X-12
KAPOSI SARCOMA

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	1.4	2.9	-	1.0	1.9	-	2.2	4.6	-
Atlanta	1.5	2.9	-	1.0	1.9	-	2.3	4.8	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	0.8	1.6	0.1	0.8	1.5	0.1	1.5	2.9	-
Greater Bay Area	1.0	1.9	0.1	1.2	2.1	0.1	2.2	4.1	-
San Francisco-Oakland	1.4	2.6	0.2	1.6	2.9	-	2.3	4.5	-
San Jose-Monterey	0.4	0.8	-	0.5	0.8	-	-	-	-
Los Angeles	1.3	2.5	0.2	1.3	2.5	0.1	1.7	3.6	-
Greater California	0.5	1.0	0.1	0.5	0.9	0.1	0.9	1.8	-
Connecticut	0.5	0.8	0.2	0.4	0.6	0.2	1.0	-	-
Detroit	0.5	1.0	-	0.3	0.7	-	0.9	2.0	-
Hawaii	0.5	0.9	-	1.3	2.3	-	-	-	-
Iowa	0.2	0.3	-	0.1	0.2	-	-	-	-
Kentucky	0.2	0.5	-	0.2	0.4	-	-	-	-
Louisiana	0.5	1.0	0.2	0.5	0.8	0.2	0.6	1.4	-
New Jersey	0.6	1.2	0.1	0.5	0.9	0.1	1.3	2.6	-
New Mexico	0.4	0.8	-	0.5	0.9	-	-	-	-
Seattle-Puget Sound	0.5	1.0	-	0.5	0.9	-	1.4	-	-
Utah	0.2	-	-	-	-	-	-	-	-
9 SEER Areas ^b	0.7	1.3	0.1	0.6	1.1	0.1	1.7	3.3	-
11 SEER Areas ^b	0.8	1.6	0.1	0.7	1.4	0.1	1.7	3.4	0.2
13 SEER Areas ^b	0.8	1.6	0.1	0.7	1.4	0.1	1.7	3.4	0.2
17 SEER Areas ^b	0.7	1.3	0.1	0.6	1.1	0.1	1.3	2.6	0.2

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XI-10
KIDNEY AND RENAL PELVIS CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	12.8	17.8	8.8	2.1*	1.9*	2.2*
White	13.3	18.3	9.1	2.3*	2.1*	2.5*
White Hispanic ^d	12.7	16.9	9.4	1.9*	2.4*	0.8
White Non-Hispanic ^d	13.2	18.3	9.0	2.4*	2.0*	2.7*
Black	14.3	20.4	9.7	1.4	1.6	0.8
Asian/Pacific Islander	6.3	8.9	4.3	1.1	0.9	1.7
Amer Ind/Alaska Nat ^e	14.7	18.5	11.5	1.4	0.0	-
Hispanic ^d	12.4	16.5	9.1	2.0*	2.7*	0.9

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.2	6.1	2.8	-0.4	-0.3	-0.8*
White	4.3	6.2	2.8	-0.3	-0.2	-0.7*
White Hispanic ^d	3.8	5.6	2.4	0.5	0.8	-0.3
White Non-Hispanic ^d	4.3	6.2	2.8	-0.2	-0.2	-0.6*
Black	4.1	6.1	2.8	-0.7*	-0.6	-0.9
Asian/Pacific Islander	1.7	2.4	1.1	-3.0*	-3.8*	-1.5
Amer Ind/Alaska Nat						
Total U.S.	4.8	6.6	3.2	0.0	1.0	-2.2
CHSDA Counties	6.5	9.3	4.3	0.6	1.9	-1.7
Non-CHSDA Counties	2.4	3.0	1.8	-	-	-
Hispanic ^d	3.6	5.4	2.3	0.5	0.7	-0.3

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XI-11
KIDNEY AND RENAL PELVIS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	11.8	16.9	7.8	11.9	17.0	7.6	12.4	18.4	8.4
Atlanta	11.8	17.0	7.8	11.8	17.0	7.6	12.8	19.1	8.5
Rural Georgia	11.8	17.3	7.1	12.6	19.0	6.8	9.7	-	-
California	11.4	16.0	7.7	12.1	16.9	8.2	13.2	18.9	8.9
Greater Bay Area	10.5	14.4	7.3	11.4	15.7	7.9	13.1	18.2	9.2
San Francisco-Oakland	10.5	14.5	7.3	11.4	15.8	7.7	13.5	18.2	9.9
San Jose-Monterey	10.4	14.2	7.3	11.5	15.4	8.3	10.8	18.7	-
Los Angeles	11.0	15.5	7.5	12.0	16.8	8.1	12.8	18.6	8.7
Greater California	11.9	16.7	8.0	12.4	17.4	8.3	13.9	19.7	8.9
Connecticut	13.9	19.3	9.7	13.9	19.2	9.7	14.1	19.6	9.7
Detroit	15.0	20.7	10.7	14.5	19.9	10.4	17.6	25.0	12.5
Hawaii	10.0	14.3	6.3	11.8	16.5	7.1	-	-	-
Iowa	14.5	19.3	10.5	14.4	19.2	10.4	12.8	18.9	-
Kentucky	15.3	20.9	10.9	15.2	20.7	10.9	17.5	23.1	13.1
Louisiana	16.1	22.0	11.5	16.5	22.2	12.0	15.3	22.3	10.5
New Jersey	14.1	19.7	9.7	14.6	20.3	10.0	12.6	18.2	8.6
New Mexico	11.8	16.0	8.2	11.6	16.0	7.9	-	-	-
Seattle-Puget Sound	13.6	19.0	9.1	13.8	19.2	9.3	17.2	24.5	9.9
Utah	10.2	13.2	7.6	10.3	13.4	7.7	-	-	-
9 SEER Areas ^b	12.8	17.6	8.9	13.1	17.9	9.1	14.9	21.3	10.3
11 SEER Areas ^b	12.2	16.9	8.5	12.7	17.5	8.8	14.3	20.5	9.8
13 SEER Areas ^b	12.3	16.9	8.5	12.7	17.5	8.8	14.2	20.4	9.8
17 SEER Areas ^b	12.8	17.8	8.8	13.3	18.3	9.1	14.3	20.4	9.7

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XI-12
 KIDNEY AND RENAL PELVIS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	3.7	5.6	2.3	3.9	5.9	2.3	3.6	5.9	2.3
Atlanta	3.7	5.6	2.3	3.9	5.8	2.4	3.6	6.2	2.2
Rural Georgia	3.5	-	-	3.9	-	-	-	-	-
California	3.7	5.3	2.4	3.9	5.7	2.6	4.1	6.1	2.7
Greater Bay Area	3.2	4.4	2.2	3.5	5.0	2.4	4.0	5.2	3.2
San Francisco-Oakland	3.2	4.6	2.1	3.6	5.3	2.3	4.0	5.3	3.2
San Jose-Monterey	3.1	4.0	2.3	3.4	4.4	2.6	-	-	-
Los Angeles	3.7	5.4	2.4	4.0	5.8	2.6	4.3	6.7	2.8
Greater California	3.9	5.7	2.5	4.1	5.9	2.6	3.9	6.1	2.3
Connecticut	3.8	5.8	2.3	3.8	5.9	2.2	4.0	5.0	3.2
Detroit	4.4	6.7	2.8	4.5	6.7	2.9	4.3	6.6	2.7
Hawaii	2.7	3.8	1.8	3.4	5.3	-	-	-	-
Iowa	5.0	7.4	3.0	5.0	7.5	3.1	-	-	-
Kentucky	4.8	7.0	3.2	4.9	7.1	3.3	4.0	5.5	3.0
Louisiana	5.3	7.4	3.6	5.5	7.5	3.8	5.0	7.4	3.3
New Jersey	4.0	5.9	2.7	4.2	6.1	2.8	3.4	5.3	2.2
New Mexico	4.4	6.4	2.8	4.3	6.2	2.8	-	-	-
Seattle-Puget Sound	4.1	6.0	2.5	4.2	6.2	2.7	5.1	6.4	-
Utah	3.1	4.4	2.0	3.1	4.5	2.0	-	-	-
9 SEER Areas ^b	3.9	5.8	2.5	4.1	6.1	2.6	4.0	5.9	2.7
11 SEER Areas ^b	3.8	5.6	2.5	4.1	6.0	2.6	4.1	6.1	2.7
13 SEER Areas ^b	3.8	5.6	2.5	4.0	6.0	2.6	4.1	6.1	2.7
17 SEER Areas ^b	4.0	5.9	2.6	4.2	6.1	2.7	4.1	6.2	2.7
Total U.S.	4.2	6.1	2.8	4.3	6.2	2.8	4.1	6.1	2.8

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Kidney and Renal Pelvis Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

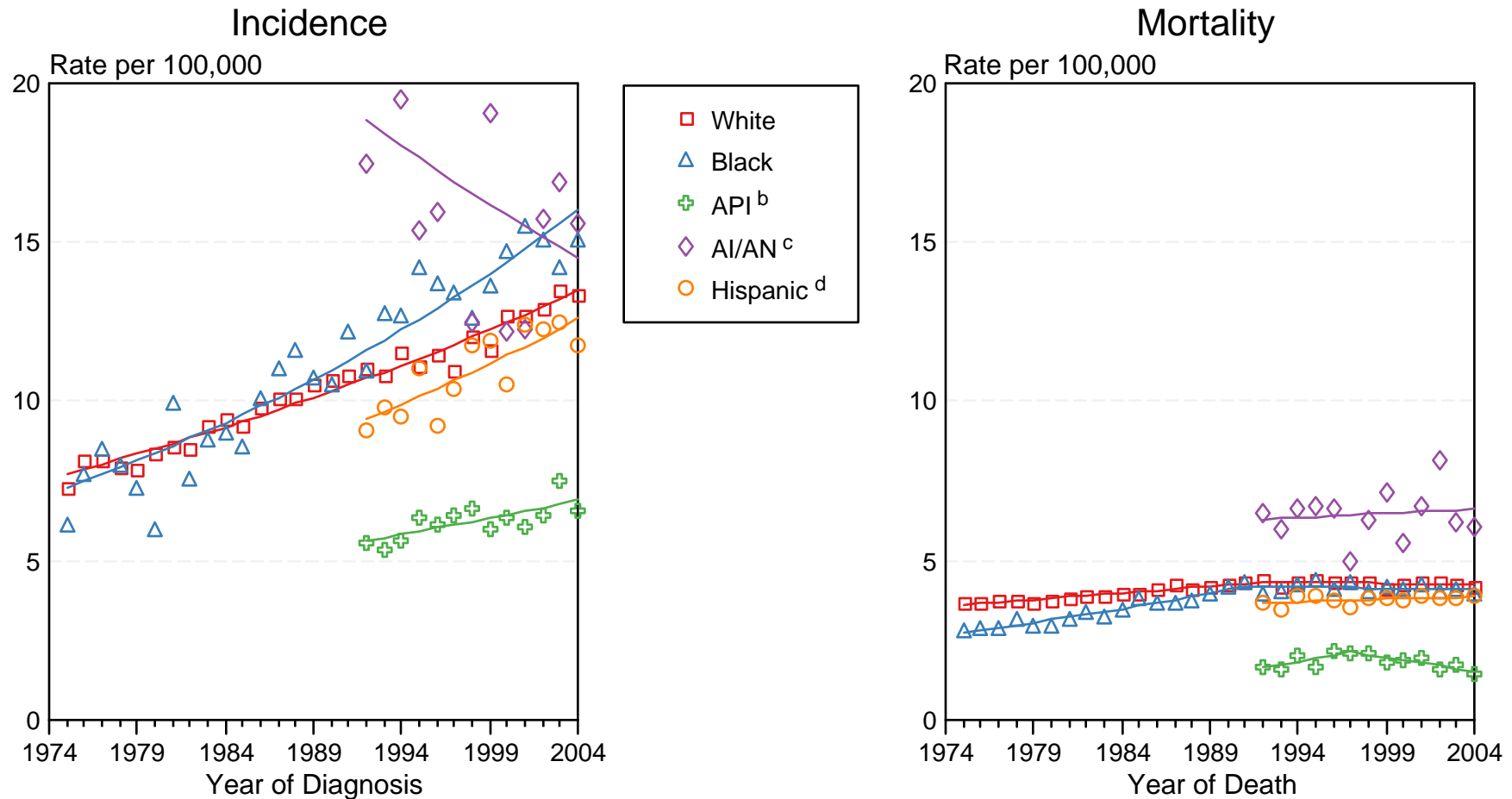


Figure XI-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XII-10
LARYNX CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	3.7	6.6	1.4	-3.6*	-3.5*	-3.9*
White	3.7	6.5	1.4	-3.5*	-3.5*	-3.7*
White Hispanic ^d	2.7	5.3	0.7	-3.2*	-3.4*	-
White Non-Hispanic ^d	3.7	6.4	1.4	-3.4*	-3.5*	-3.5*
Black	6.0	11.6	2.0	-3.2*	-3.3*	-3.0
Asian/Pacific Islander	1.5	3.0	0.3	-3.8*	-3.3*	-
Amer Ind/Alaska Nat ^e	1.7	2.9	-	-	-	-
Hispanic ^d	2.7	5.2	0.7	-3.3*	-3.5*	-

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	1.3	2.4	0.5	-2.2*	-2.4*	-2.3*
White	1.2	2.2	0.5	-1.8*	-2.1*	-2.0*
White Hispanic ^d	1.0	2.0	0.2	-4.0*	-4.7*	-1.3
White Non-Hispanic ^d	1.2	2.2	0.5	-1.7*	-1.9*	-1.9*
Black	2.5	5.0	0.8	-3.2*	-3.1*	-3.5*
Asian/Pacific Islander	0.4	0.8	0.1	-4.0	-4.0	-
Amer Ind/Alaska Nat						
Total U.S.	0.9	1.6	0.4	-	-	-
CHSDA Counties	1.1	1.9	-	-	-	-
Non-CHSDA Counties	0.7	1.2	-	-	-	-
Hispanic ^d	0.9	1.9	0.2	-3.9*	-4.5*	-1.4

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XII-11
LARYNX CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	3.9	7.0	1.5	3.5	6.4	1.4	4.9	9.1	1.9
Atlanta	3.8	6.8	1.5	3.4	6.0	1.4	5.0	9.4	2.0
Rural Georgia	5.8	11.1	-	6.6	13.0	-	-	-	-
California	3.0	5.4	1.0	3.1	5.5	1.1	4.9	9.2	1.7
Greater Bay Area	2.7	4.8	1.0	2.8	5.0	1.1	4.9	8.9	2.0
San Francisco-Oakland	2.8	5.2	1.0	2.9	5.4	1.0	5.1	9.2	2.2
San Jose-Monterey	2.4	4.0	1.1	2.6	4.3	1.3	-	-	-
Los Angeles	2.9	5.4	1.0	3.0	5.4	1.1	5.0	9.9	1.7
Greater California	3.1	5.6	1.1	3.2	5.7	1.1	4.7	8.4	1.6
Connecticut	4.1	7.3	1.5	3.9	7.0	1.4	6.2	12.6	-
Detroit	5.0	8.9	1.9	4.5	8.0	1.8	7.0	13.1	2.6
Hawaii	3.0	5.7	0.7	5.2	9.0	-	-	-	-
Iowa	4.2	7.3	1.6	4.1	7.3	1.6	-	-	-
Kentucky	5.9	10.2	2.6	5.8	9.9	2.5	8.3	15.9	2.7
Louisiana	6.0	10.7	2.2	5.4	9.4	2.2	7.8	15.6	2.2
New Jersey	4.1	7.5	1.5	4.0	7.2	1.5	6.0	11.9	1.9
New Mexico	3.2	5.4	1.4	3.4	5.7	1.4	-	-	-
Seattle-Puget Sound	3.0	5.3	1.1	3.1	5.4	1.2	4.1	7.9	-
Utah	1.9	3.3	0.7	2.0	3.3	0.8	-	-	-
9 SEER Areas ^b	3.6	6.4	1.3	3.5	6.2	1.3	5.8	11.0	2.1
11 SEER Areas ^b	3.4	6.0	1.2	3.4	6.0	1.3	5.6	10.6	2.0
13 SEER Areas ^b	3.4	6.0	1.2	3.4	6.0	1.3	5.6	10.6	2.0
17 SEER Areas ^b	3.7	6.6	1.4	3.7	6.5	1.4	6.0	11.6	2.0

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XII-12
LARYNX CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	1.4	2.6	0.6	0.9	1.7	0.4	2.7	5.7	0.9
Atlanta	1.4	2.6	0.5	0.9	1.7	0.4	2.7	5.7	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	1.0	1.9	0.4	1.0	1.8	0.4	2.5	4.8	0.9
Greater Bay Area	0.8	1.5	0.3	0.8	1.4	0.3	2.5	4.7	-
San Francisco-Oakland	0.9	1.7	0.3	0.8	1.5	0.3	2.8	5.1	-
San Jose-Monterey	0.6	1.1	-	0.7	1.2	-	-	-	-
Los Angeles	1.2	2.3	0.4	1.2	2.3	0.3	2.5	4.9	0.9
Greater California	1.0	1.8	0.4	1.0	1.8	0.4	2.5	4.7	-
Connecticut	1.2	2.2	0.4	1.1	2.1	0.4	1.8	3.7	-
Detroit	1.7	2.9	0.7	1.3	2.2	0.6	2.9	5.7	0.9
Hawaii	0.7	1.4	-	1.3	2.4	-	-	-	-
Iowa	1.2	2.3	0.4	1.2	2.2	0.4	-	-	-
Kentucky	1.7	3.2	0.5	1.6	3.1	0.5	2.2	4.4	-
Louisiana	1.9	3.7	0.6	1.6	2.9	0.5	3.1	6.3	0.9
New Jersey	1.3	2.4	0.5	1.2	2.1	0.5	2.7	5.6	0.8
New Mexico	1.3	2.2	0.5	1.3	2.3	0.5	-	-	-
Seattle-Puget Sound	1.1	1.8	0.5	1.1	1.8	0.5	-	-	-
Utah	0.6	0.9	-	0.6	0.9	-	-	-	-
9 SEER Areas ^b	1.2	2.1	0.5	1.1	1.9	0.4	2.6	5.1	0.8
11 SEER Areas ^b	1.1	2.1	0.4	1.1	2.0	0.4	2.5	5.0	0.9
13 SEER Areas ^b	1.1	2.1	0.4	1.1	1.9	0.4	2.5	5.0	0.9
17 SEER Areas ^b	1.2	2.2	0.4	1.1	2.0	0.4	2.6	5.3	0.8
Total U.S.	1.3	2.4	0.5	1.2	2.2	0.5	2.5	5.0	0.8

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Larynx Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

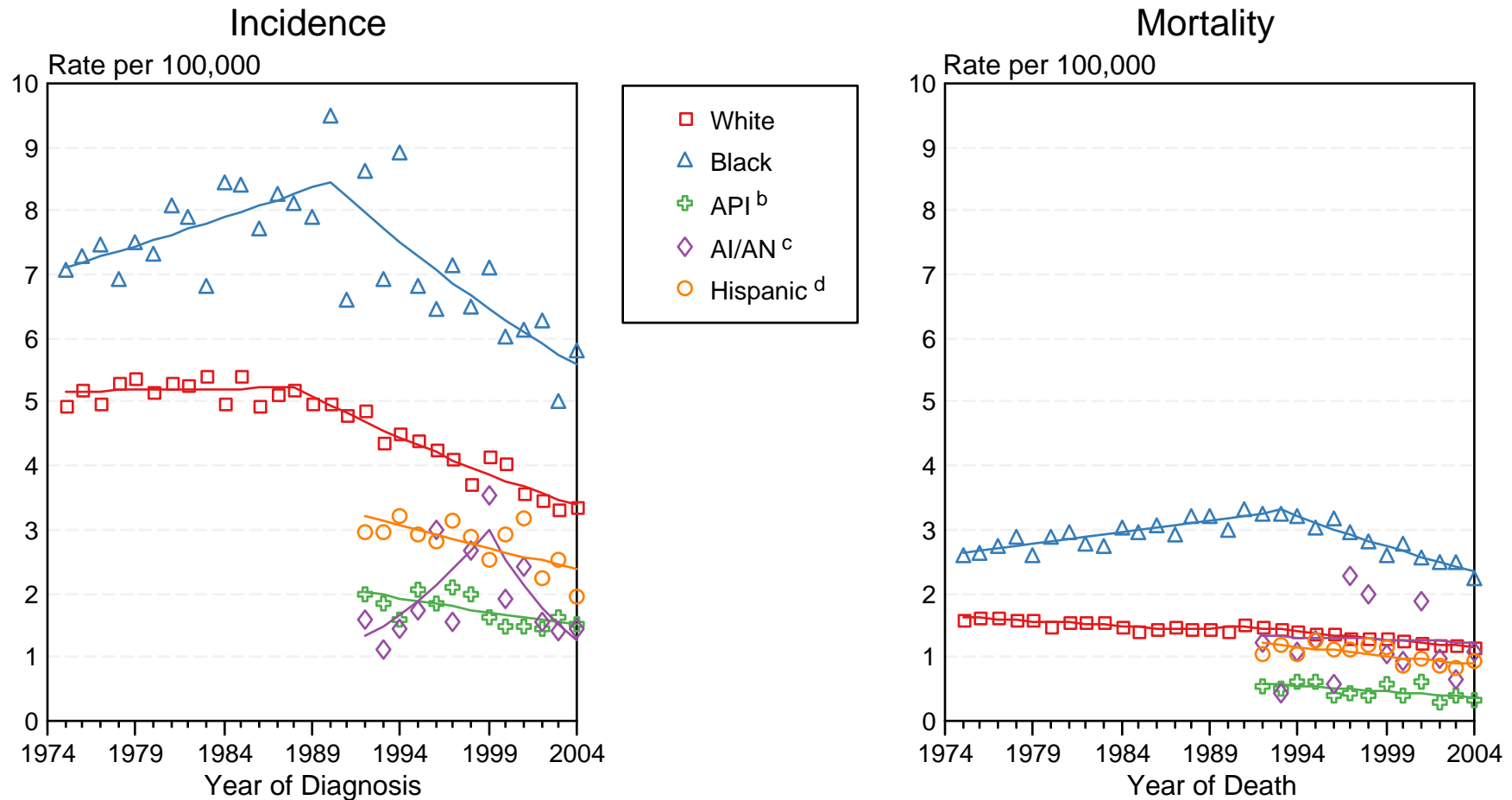


Figure XII-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XIII-18
LEUKEMIA

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	12.3	16.0	9.5	-1.0*	-1.2*	-0.9*
White	12.8	16.7	9.9	-1.1*	-1.3*	-1.0*
White Hispanic ^d	9.9	12.1	8.2	-1.8*	-2.2*	-1.4
White Non-Hispanic ^d	13.1	17.1	9.9	-0.9*	-1.1*	-0.9*
Black	10.2	13.2	8.1	-0.2	-0.6	-0.1
Asian/Pacific Islander	7.4	9.2	5.9	-1.1	-1.1	-0.7
Amer Ind/Alaska Nat ^e	6.4	6.5	6.1	1.1	-	-
Hispanic ^d	9.6	11.8	8.0	-1.6*	-2.1*	-1.2

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	7.5	10.0	5.7	-0.8*	-0.9*	-0.9*
White	7.7	10.3	5.8	-0.7*	-0.8*	-0.8*
White Hispanic ^d	5.3	6.6	4.3	-1.2*	-1.5*	-1.1
White Non-Hispanic ^d	7.8	10.4	5.9	-0.6*	-0.7*	-0.7*
Black	6.7	8.8	5.3	-1.1*	-1.6*	-0.7
Asian/Pacific Islander	3.9	5.0	3.0	-1.9*	-0.9	-2.9*
Amer Ind/Alaska Nat						
Total U.S.	4.0	4.5	3.5	-1.1	-2.1	-1.2
CHSDA Counties	4.8	5.6	4.1	0.3	0.7	-
Non-CHSDA Counties	2.9	3.1	2.8	-3.0	-	-
Hispanic ^d	5.1	6.4	4.1	-1.2*	-1.5*	-1.1

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XIII-19

LEUKEMIAAGE-ADJUSTED SEER INCIDENCE RATES^a

By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	11.5	15.2	8.9	12.6	16.6	9.6	10.0	13.2	7.9
Atlanta	11.6	15.5	8.9	12.7	16.8	9.7	10.1	13.4	7.9
Rural Georgia	10.3	12.1	9.1	10.9	13.9	8.7	9.5	-	-
California	11.5	14.9	8.9	12.1	15.6	9.3	10.1	13.3	7.8
Greater Bay Area	10.7	14.0	8.3	11.6	15.0	9.0	8.8	10.8	7.4
San Francisco-Oakland	10.5	13.6	8.2	11.4	14.5	9.1	9.1	11.2	7.6
San Jose-Monterey	11.2	14.8	8.4	12.0	16.0	9.0	6.3	-	-
Los Angeles	11.4	14.5	8.9	12.1	15.5	9.5	10.4	13.6	8.0
Greater California	11.9	15.5	9.2	12.2	15.8	9.3	10.8	14.9	7.6
Connecticut	11.9	15.6	9.2	12.2	15.8	9.5	8.4	12.1	6.3
Detroit	14.1	17.7	11.4	14.8	18.7	11.8	11.4	14.1	9.5
Hawaii	10.5	13.2	8.4	13.5	17.4	10.2	-	-	-
Iowa	14.7	19.3	11.3	14.6	19.3	11.2	11.0	-	-
Kentucky	12.8	16.6	10.0	12.6	16.4	9.8	10.3	12.8	8.6
Louisiana	12.3	16.3	9.5	13.1	17.4	10.0	10.4	13.6	8.1
New Jersey	12.8	16.8	9.9	13.1	17.2	10.0	9.8	12.8	7.8
New Mexico	12.8	17.0	9.3	13.3	17.8	9.6	10.6	-	-
Seattle-Puget Sound	14.0	18.3	10.7	14.5	18.9	11.2	9.5	13.0	7.0
Utah	12.5	16.2	9.5	12.6	16.3	9.6	-	-	-
9 SEER Areas ^b	12.7	16.5	9.8	13.4	17.4	10.3	10.1	12.8	8.3
11 SEER Areas ^b	12.3	16.0	9.5	13.0	16.9	10.1	10.2	12.9	8.2
13 SEER Areas ^b	12.3	15.9	9.5	13.0	16.9	10.1	10.2	12.8	8.2
17 SEER Areas ^b	12.3	16.0	9.5	12.8	16.7	9.9	10.2	13.2	8.1

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XIII-20

LEUKEMIAAGE-ADJUSTED SEER DEATH RATES^a

By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	7.2	9.7	5.6	7.5	9.9	5.9	6.9	9.6	5.3
Atlanta	7.2	9.7	5.7	7.5	10.0	5.8	7.2	9.9	5.7
Rural Georgia	6.7	9.2	4.8	7.9	9.7	6.7	-	-	-
California	6.9	9.2	5.3	7.4	9.8	5.6	7.0	9.1	5.4
Greater Bay Area	6.4	8.7	4.7	7.0	9.6	5.1	6.3	8.0	5.1
San Francisco-Oakland	6.3	8.6	4.6	6.9	9.5	5.1	6.0	8.0	4.7
San Jose-Monterey	6.6	9.0	4.9	7.2	9.8	5.3	8.0	-	-
Los Angeles	6.7	8.7	5.3	7.2	9.4	5.6	7.4	9.5	5.9
Greater California	7.2	9.6	5.5	7.5	10.0	5.7	6.9	9.5	5.0
Connecticut	7.2	9.6	5.6	7.3	9.7	5.6	6.0	8.5	5.1
Detroit	8.2	10.9	6.3	8.5	11.6	6.4	6.9	8.1	6.0
Hawaii	5.7	7.6	4.1	8.1	10.6	6.1	-	-	-
Iowa	8.4	11.5	6.3	8.4	11.5	6.3	12.3	-	-
Kentucky	7.7	10.3	6.0	7.8	10.3	6.0	7.2	9.5	6.0
Louisiana	7.9	10.7	6.0	8.0	10.8	6.1	7.6	10.5	5.7
New Jersey	7.4	9.7	5.7	7.6	10.0	6.0	6.1	8.5	4.6
New Mexico	6.6	9.0	4.8	6.8	9.3	5.0	-	-	-
Seattle-Puget Sound	7.9	10.5	6.0	8.2	10.8	6.3	6.6	9.2	-
Utah	7.1	9.3	5.4	7.1	9.4	5.4	-	-	-
9 SEER Areas ^b	7.3	9.8	5.6	7.7	10.4	5.8	6.7	8.6	5.5
11 SEER Areas ^b	7.2	9.5	5.5	7.6	10.2	5.8	6.9	8.8	5.6
13 SEER Areas ^b	7.2	9.5	5.5	7.6	10.2	5.8	6.9	8.8	5.6
17 SEER Areas ^b	7.3	9.7	5.6	7.6	10.2	5.8	6.9	9.2	5.4
Total U.S.	7.5	10.0	5.7	7.7	10.3	5.8	6.7	8.8	5.3

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

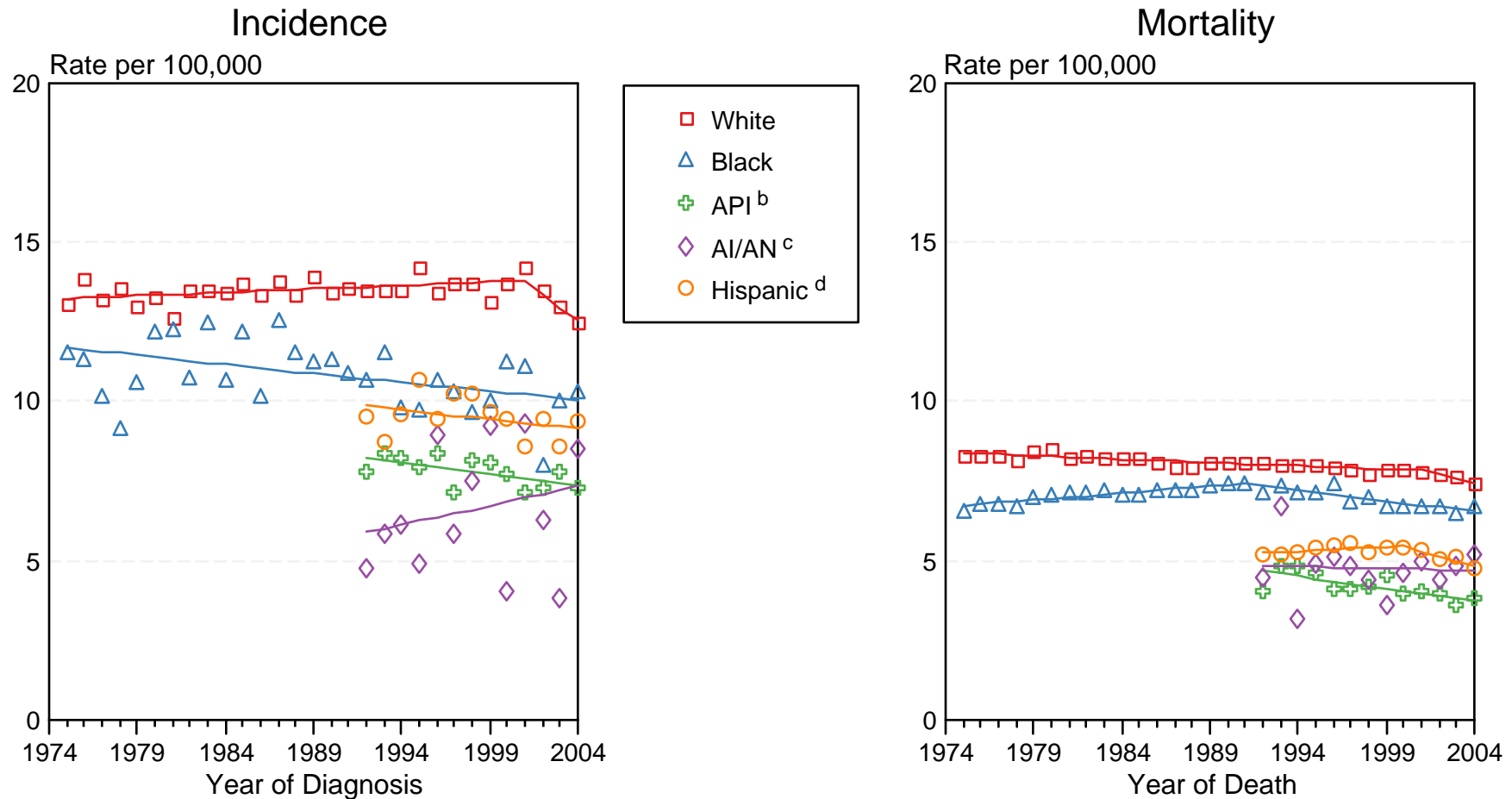


Figure XIII-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XIV-10
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	6.2	9.5	3.4	2.2*	2.4*	1.1
White	5.2	7.9	2.9	2.1*	2.3*	0.9
White Hispanic ^d	9.9	14.8	5.8	0.7	0.8	0.1
White Non-Hispanic ^d	4.6	7.1	2.6	1.9*	2.1*	0.4
Black	7.6	12.7	3.8	3.3*	4.5*	0.5
Asian/Pacific Islander	13.9	21.3	7.9	0.0	0.2	-0.1
Amer Ind/Alaska Nat ^e	9.7	14.8	5.5	0.2	-	-
Hispanic ^d	9.7	14.4	5.7	1.0	1.0	0.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.9	7.1	3.1	1.7*	1.8*	0.9*
White	4.5	6.5	2.8	1.7*	1.9*	0.8*
White Hispanic ^d	7.9	11.2	5.2	1.4*	1.1*	1.3*
White Non-Hispanic ^d	4.2	6.1	2.7	1.5*	1.7*	0.5
Black	6.5	10.0	3.9	1.3*	1.7*	0.3
Asian/Pacific Islander	10.6	15.5	6.7	-0.6	-1.1*	0.4
Amer Ind/Alaska Nat						
Total U.S.	6.3	8.3	4.6	2.0	1.2	2.4
CHSDA Counties	8.4	10.7	6.4	2.2	1.5	2.7
Non-CHSDA Counties	3.5	5.1	2.2	-	-	-
Hispanic ^d	7.6	10.8	5.0	1.4*	1.1*	1.2

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XIV-11
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	4.4	6.9	2.4	3.4	5.5	1.8	5.2	8.0	3.1
Atlanta	4.5	7.1	2.5	3.5	5.6	1.9	5.5	8.5	3.3
Rural Georgia	-	-	-	-	-	-	-	-	-
California	7.1	10.8	4.0	5.8	8.8	3.2	8.7	14.0	4.5
Greater Bay Area	8.0	12.4	4.2	5.7	8.7	3.1	10.1	16.0	5.2
San Francisco-Oakland	8.1	12.6	4.2	5.7	8.7	3.0	10.1	16.1	5.1
San Jose-Monterey	7.8	11.9	4.2	5.8	8.8	3.1	10.8	16.8	-
Los Angeles	8.1	12.2	4.7	6.6	9.8	3.9	8.3	14.3	4.1
Greater California	6.4	9.6	3.5	5.5	8.4	3.0	8.2	12.3	4.7
Connecticut	5.0	8.3	2.5	4.7	7.8	2.3	7.3	11.8	3.9
Detroit	6.1	9.5	3.4	5.2	7.9	3.1	8.6	14.9	3.8
Hawaii	9.0	13.5	5.1	5.2	9.1	-	-	-	-
Iowa	3.5	5.3	2.0	3.3	5.0	1.9	7.7	-	-
Kentucky	4.1	6.3	2.3	4.0	6.1	2.3	5.2	8.4	2.4
Louisiana	6.2	10.2	3.0	5.6	9.2	2.8	7.3	12.4	3.4
New Jersey	5.8	9.3	3.1	5.2	8.3	2.8	7.5	12.7	3.7
New Mexico	6.7	9.9	3.9	6.4	9.4	3.8	-	-	-
Seattle-Puget Sound	6.1	8.9	3.6	5.0	7.4	2.9	9.9	17.1	-
Utah	2.9	4.1	1.8	2.6	3.5	1.6	-	-	-
9 SEER Areas ^b	5.8	8.9	3.2	4.7	7.1	2.6	7.8	12.9	3.8
11 SEER Areas ^b	6.4	9.8	3.6	5.1	7.8	2.9	8.0	13.4	3.9
13 SEER Areas ^b	6.4	9.8	3.6	5.1	7.7	2.9	7.9	13.2	3.8
17 SEER Areas ^b	6.2	9.5	3.4	5.2	7.9	2.9	7.6	12.7	3.8

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XIV-12
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a

By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	4.3	6.5	2.6	3.7	5.7	2.2	4.3	6.1	2.9
Atlanta	4.3	6.6	2.6	3.7	5.8	2.1	4.5	6.5	2.9
Rural Georgia	3.0	-	-	3.6	-	-	-	-	-
California	6.0	8.7	3.8	5.1	7.3	3.3	7.6	11.6	4.4
Greater Bay Area	6.5	9.6	3.9	5.0	7.2	3.1	8.7	13.9	4.5
San Francisco-Oakland	6.7	10.0	3.9	5.1	7.4	3.0	8.7	14.0	4.5
San Jose-Monterey	6.1	8.7	3.9	4.8	6.7	3.2	9.0	13.5	-
Los Angeles	6.9	9.7	4.6	5.8	7.9	4.0	7.7	12.1	4.7
Greater California	5.4	7.8	3.4	4.9	7.1	3.0	6.5	9.3	4.0
Connecticut	4.4	6.7	2.6	4.3	6.4	2.6	5.6	9.2	2.8
Detroit	5.4	7.8	3.6	4.8	6.8	3.4	7.1	11.2	4.1
Hawaii	7.1	10.3	4.4	4.6	6.9	2.5	-	-	-
Iowa	3.4	5.1	2.1	3.3	4.8	2.1	-	-	-
Kentucky	4.6	6.5	3.2	4.5	6.4	3.2	5.7	8.6	3.5
Louisiana	6.5	9.7	4.0	5.9	8.6	3.7	7.8	12.7	4.4
New Jersey	4.8	7.3	3.0	4.5	6.7	2.9	6.2	10.9	3.1
New Mexico	6.0	8.5	3.9	5.9	8.2	3.8	-	-	-
Seattle-Puget Sound	5.4	7.8	3.4	4.6	6.8	2.8	8.2	13.3	-
Utah	3.2	4.2	2.3	2.9	3.8	2.2	-	-	-
9 SEER Areas ^b	5.1	7.5	3.2	4.4	6.3	2.8	6.5	10.2	3.6
11 SEER Areas ^b	5.6	8.1	3.5	4.7	6.7	3.1	6.8	10.8	3.9
13 SEER Areas ^b	5.6	8.0	3.5	4.7	6.7	3.1	6.8	10.6	3.9
17 SEER Areas ^b	5.4	7.9	3.4	4.8	6.8	3.1	6.8	10.8	3.8
Total U.S.	4.9	7.1	3.1	4.5	6.5	2.8	6.5	10.0	3.9

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Liver and Intrahepatic Bile Duct Cancer, Both Sexes

Jointpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

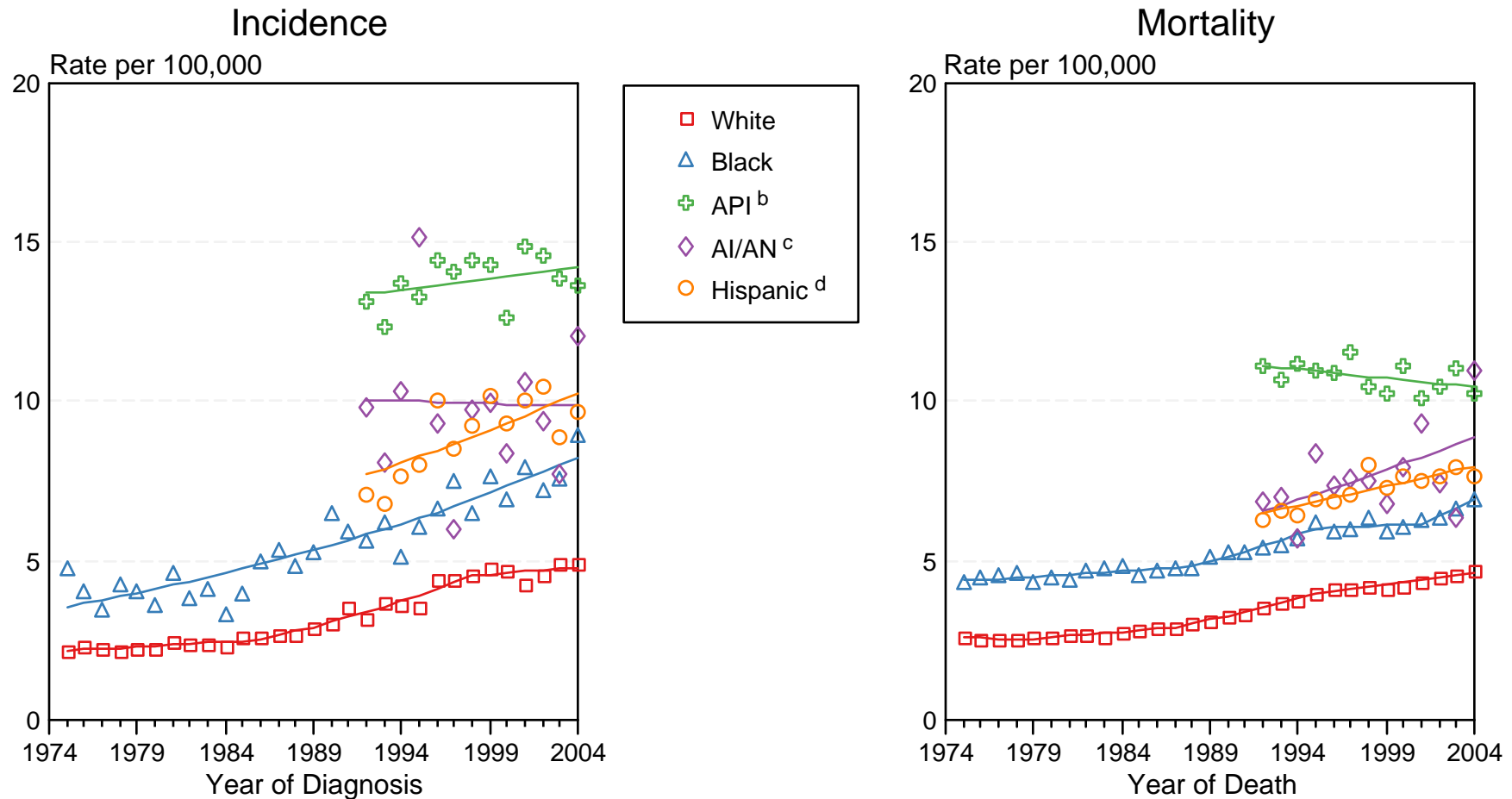


Figure XIV-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XV-16
LUNG AND BRONCHUS (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	64.5	81.2	52.3	-1.4*	-2.2*	-0.5*
White	65.7	81.0	54.6	-1.3*	-2.1*	-0.6*
White Hispanic ^d	33.9	45.4	25.7	-2.2*	-2.9*	-1.4*
White Non-Hispanic ^d	67.2	81.2	57.1	-1.1*	-1.9*	-0.3
Black	76.6	110.6	53.7	-1.6*	-3.1*	0.6
Asian/Pacific Islander	39.4	55.1	27.7	-0.7*	-1.0*	0.3
Amer Ind/Alaska Nat ^e	44.0	53.7	36.7	-1.2	-3.4	2.1
Hispanic ^d	33.3	44.7	25.2	-2.1*	-2.6*	-1.4*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	54.7	73.4	41.1	-1.0*	-2.0*	0.2*
White	55.0	72.6	42.1	-0.8*	-1.9*	0.3*
White Hispanic ^d	24.4	37.1	15.2	-1.6*	-2.5*	-0.3
White Non-Hispanic ^d	57.4	75.4	44.3	-0.7*	-1.7*	0.5*
Black	62.0	95.8	39.8	-1.6*	-2.7*	0.2
Asian/Pacific Islander	26.9	38.3	18.5	-1.4*	-1.3*	-1.2*
Amer Ind/Alaska Nat						
Total U.S.	34.3	42.8	27.8	-1.4	-3.8*	1.4*
CHSDA Counties	39.9	49.6	32.7	-0.1	-2.4*	3.1*
Non-CHSDA Counties	26.8	33.9	21.3	-3.4*	-5.9*	-1.2
Hispanic ^d	23.6	36.0	14.6	-1.6*	-2.5*	-0.3

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XV-17
LUNG AND BRONCHUS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	64.4	87.4	49.0	64.6	83.2	51.9	66.9	105.1	44.2
Atlanta	64.0	86.1	49.3	64.0	82.2	51.8	66.9	103.6	45.4
Rural Georgia	73.9	111.4	45.0	75.8	103.6	52.4	69.1	128.1	31.4
California	56.8	69.0	47.9	58.4	69.1	50.6	71.7	97.4	53.4
Greater Bay Area	53.5	64.4	45.8	54.9	62.9	49.5	77.6	99.4	62.0
San Francisco-Oakland	56.0	67.6	47.6	56.7	64.6	51.2	80.4	103.2	64.2
San Jose-Monterey	48.7	58.2	42.2	51.7	59.8	46.4	61.2	81.2	45.1
Los Angeles	49.9	62.8	40.4	49.5	59.8	41.9	70.6	99.3	51.1
Greater California	61.3	73.5	52.3	63.1	74.6	54.6	69.3	94.2	50.6
Connecticut	67.9	83.0	57.3	68.6	83.1	58.5	65.0	91.2	48.0
Detroit	80.5	102.3	65.5	79.3	97.8	66.8	89.3	126.2	64.4
Hawaii	50.9	67.8	37.6	63.0	75.3	52.1	35.8	-	-
Iowa	67.0	89.5	50.8	66.7	89.0	50.7	95.1	133.8	63.9
Kentucky	101.1	137.9	74.9	101.0	137.7	74.6	108.5	148.9	81.4
Louisiana	80.3	112.3	57.4	80.2	107.3	60.5	81.6	130.4	48.9
New Jersey	66.4	82.4	55.4	67.3	81.9	57.3	70.9	100.4	51.8
New Mexico	47.2	59.5	37.7	49.5	61.7	40.0	53.2	83.3	32.5
Seattle-Puget Sound	70.1	82.6	61.0	71.5	82.8	63.5	83.6	114.7	57.7
Utah	29.6	40.3	20.9	29.6	40.4	20.9	44.9	-	-
9 SEER Areas ^b	62.9	79.0	51.3	63.7	78.2	53.3	78.1	110.5	56.4
11 SEER Areas ^b	59.2	74.2	48.3	60.1	73.4	50.5	75.8	107.0	54.8
13 SEER Areas ^b	59.3	74.4	48.3	60.1	73.5	50.5	75.7	107.2	54.4
17 SEER Areas ^b	64.5	81.2	52.3	65.7	81.0	54.6	76.6	110.6	53.7

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XV-18
LUNG AND BRONCHUS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	51.5	72.6	37.7	51.6	69.5	39.7	53.5	87.1	33.8
Atlanta	50.8	71.0	37.8	50.9	68.1	39.7	53.2	85.0	34.7
Rural Georgia	63.1	99.8	36.2	64.7	94.2	42.0	60.4	115.1	26.0
California	45.1	56.4	36.8	46.6	57.0	39.1	59.2	83.2	42.5
Greater Bay Area	42.1	51.7	35.3	43.7	51.2	38.6	65.9	89.9	48.8
San Francisco-Oakland	44.5	55.0	36.9	46.0	53.8	40.6	67.4	91.6	50.4
San Jose-Monterey	37.5	45.3	32.1	39.6	46.6	35.1	57.9	82.7	36.0
Los Angeles	39.6	51.9	30.7	39.4	50.0	31.6	57.7	83.1	41.0
Greater California	48.8	60.3	40.4	50.4	61.4	42.2	56.6	79.4	39.7
Connecticut	49.5	63.1	40.1	49.9	63.1	40.9	50.3	73.2	36.0
Detroit	58.3	76.1	46.2	56.9	72.7	46.4	66.4	94.1	48.0
Hawaii	35.6	49.5	24.5	44.1	54.3	34.7	26.9	-	-
Iowa	52.3	73.1	37.4	52.1	72.8	37.4	84.1	112.0	61.5
Kentucky	79.4	113.2	55.5	79.4	113.0	55.5	86.3	125.5	60.6
Louisiana	67.2	97.1	46.0	65.5	90.4	47.7	73.1	120.8	41.6
New Jersey	51.2	66.5	40.7	51.6	65.9	41.9	58.8	87.3	40.9
New Mexico	38.3	50.1	29.4	40.0	51.6	31.3	46.9	81.1	22.5
Seattle-Puget Sound	54.2	66.1	45.6	55.8	66.9	47.9	63.6	93.2	40.1
Utah	25.0	34.9	17.0	25.0	35.0	16.9	-	-	-
9 SEER Areas ^b	48.0	62.5	37.7	48.9	62.3	39.4	60.9	88.0	42.9
11 SEER Areas ^b	45.6	59.2	35.8	46.4	58.9	37.5	60.0	86.5	42.3
13 SEER Areas ^b	45.7	59.4	35.9	46.5	59.1	37.6	59.9	86.9	42.0
17 SEER Areas ^b	50.5	65.9	39.3	51.4	65.8	41.1	62.8	93.7	42.3
Total U.S.	54.7	73.4	41.1	55.0	72.6	42.1	62.0	95.8	39.8

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Lung and Bronchus Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

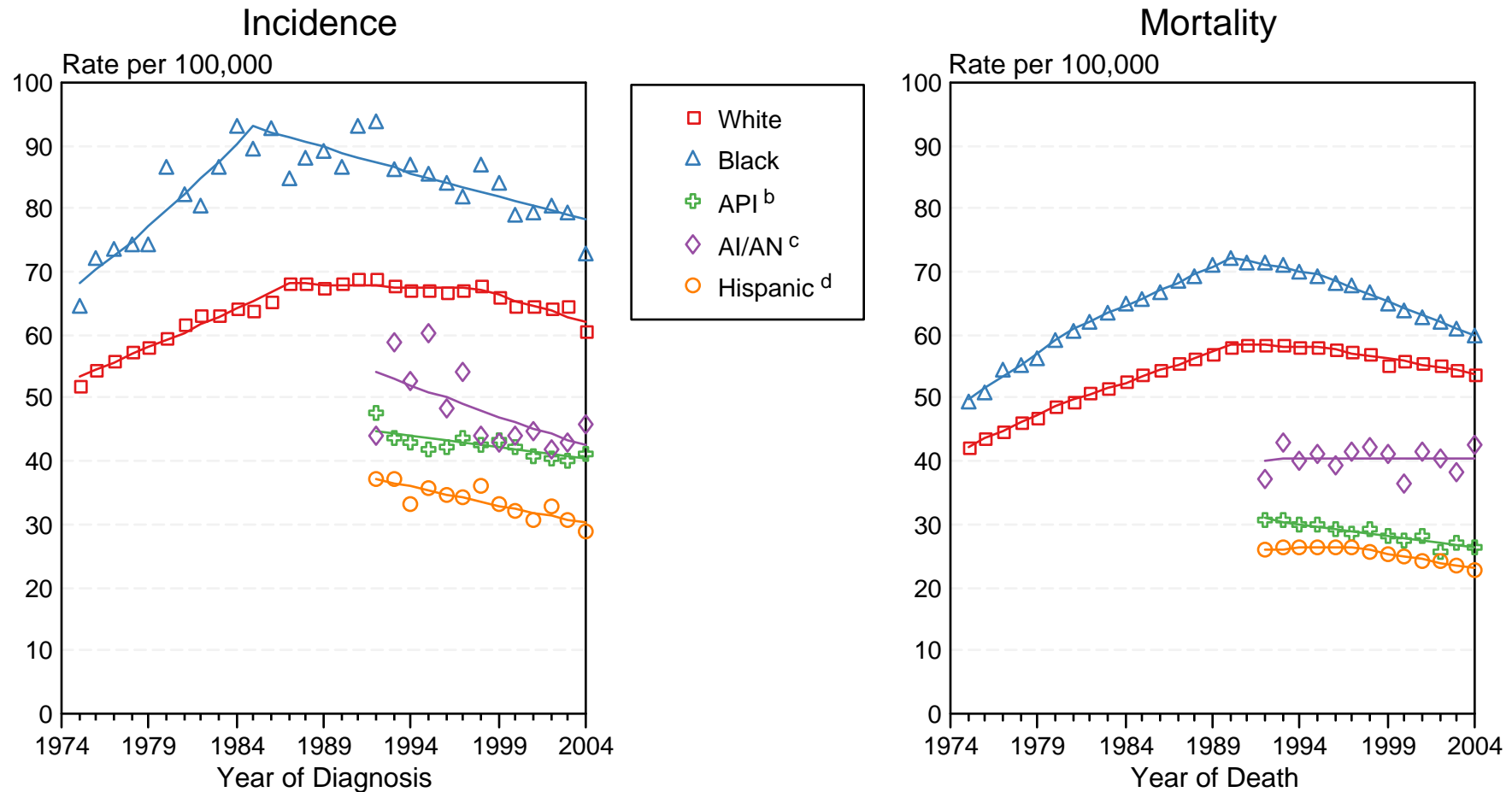


Figure XV-4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XVI-10
MELANOMA OF THE SKIN (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	18.5	23.6	14.9	1.2*	1.2*	1.3*
White	21.6	27.2	17.6	1.8*	1.7*	1.9*
White Hispanic ^d	4.5	4.6	4.7	-0.1	-1.0	0.9
White Non-Hispanic ^d	25.1	31.4	20.6	2.3*	2.2*	2.5*
Black	1.0	1.1	0.9	-6.1*	-9.8*	-
Asian/Pacific Islander	1.5	1.7	1.3	2.4	1.1	3.7
Amer Ind/Alaska Nat ^e	2.9	4.1	2.0	-	-	-
Hispanic ^d	4.5	4.5	4.6	-0.3	-1.4	0.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.6	3.9	1.7	-0.5*	-0.3	-0.9*
White	3.0	4.3	2.0	-0.3	-0.2	-0.7*
White Hispanic ^d	0.8	1.0	0.6	-2.5*	-4.5*	0.1
White Non-Hispanic ^d	3.2	4.7	2.1	-0.1	0.1	-0.5
Black	0.4	0.5	0.4	-1.5	-0.4	-2.2
Asian/Pacific Islander	0.3	0.4	0.3	-3.3	-	-
Amer Ind/Alaska Nat						
Total U.S.	0.7	0.9	0.6	-	-	-
CHSDA Counties	1.0	1.3	0.7	-	-	-
Non-CHSDA Counties	-	-	-	-	-	-
Hispanic ^d	0.7	0.9	0.6	-2.5*	-4.6*	0.1

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XVI-11
MELANOMA OF THE SKIN (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	20.6	28.0	15.7	30.2	38.8	24.6	1.0	1.6	0.7
Atlanta	20.9	28.6	15.9	30.6	39.5	24.8	1.1	1.7	0.7
Rural Georgia	14.7	19.0	11.6	23.7	28.5	20.2	-	-	-
California	18.4	24.0	14.4	21.1	27.4	16.5	1.0	1.1	0.9
Greater Bay Area	15.4	20.0	12.1	19.9	25.6	15.7	-	-	-
San Francisco-Oakland	14.8	19.3	11.6	19.7	25.5	15.6	-	-	-
San Jose-Monterey	16.5	21.3	13.0	20.1	25.8	16.0	-	-	-
Los Angeles	14.1	19.1	10.6	17.8	23.8	13.5	0.8	0.8	0.8
Greater California	21.8	27.8	17.2	23.0	29.5	18.2	1.5	1.4	1.5
Connecticut	22.0	27.4	18.4	23.6	29.0	20.0	-	-	-
Detroit	16.5	20.8	13.7	21.5	26.5	18.4	0.7	-	0.8
Hawaii	17.2	22.5	13.0	56.4	73.0	41.8	-	-	-
Iowa	17.5	19.8	16.2	16.8	18.9	15.5	-	-	-
Kentucky	20.2	24.7	17.2	20.4	25.0	17.3	1.6	-	-
Louisiana	10.9	14.6	8.3	14.4	18.8	11.2	1.2	1.3	1.2
New Jersey	18.8	24.4	15.0	22.0	28.0	17.8	1.0	-	1.1
New Mexico	17.6	22.1	14.2	19.4	24.0	15.9	-	-	-
Seattle-Puget Sound	23.7	27.9	20.9	26.9	31.3	24.1	-	-	-
Utah	22.3	27.2	18.5	23.1	28.1	19.2	-	-	-
9 SEER Areas ^b	19.1	23.7	15.9	23.0	28.1	19.5	0.8	1.1	0.7
11 SEER Areas ^b	17.7	22.4	14.5	21.6	27.0	17.9	0.8	1.1	0.7
13 SEER Areas ^b	17.7	22.4	14.4	21.6	27.0	17.9	0.8	1.0	0.7
17 SEER Areas ^b	18.5	23.6	14.9	21.6	27.2	17.6	1.0	1.1	0.9

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
 The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-12
 MELANOMA OF THE SKIN CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a

By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	2.4	3.7	1.4	3.3	5.0	2.0	-	-	-
Atlanta	2.4	3.8	1.4	3.3	5.1	2.0	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	2.5	3.8	1.6	3.1	4.5	1.9	0.3	-	-
Greater Bay Area	2.3	3.4	1.6	3.1	4.5	2.1	-	-	-
San Francisco-Oakland	2.4	3.5	1.5	3.2	4.8	2.1	-	-	-
San Jose-Monterey	2.3	3.2	1.8	2.9	4.0	2.2	-	-	-
Los Angeles	1.8	2.7	1.1	2.4	3.6	1.5	-	-	-
Greater California	3.0	4.4	1.9	3.3	5.0	2.1	-	-	-
Connecticut	2.8	3.9	1.9	3.0	4.2	2.1	-	-	-
Detroit	1.8	2.9	1.0	2.3	3.6	1.3	-	-	-
Hawaii	1.7	2.4	1.1	4.6	6.5	2.8	-	-	-
Iowa	2.3	3.4	1.4	2.3	3.5	1.4	-	-	-
Kentucky	3.3	4.8	2.1	3.5	5.1	2.2	-	-	-
Louisiana	2.2	3.1	1.5	2.8	3.9	1.9	0.7	1.0	0.5
New Jersey	2.6	3.9	1.7	3.0	4.5	1.9	0.4	-	-
New Mexico	2.3	3.3	1.6	2.5	3.4	1.8	-	-	-
Seattle-Puget Sound	2.8	4.1	1.8	3.1	4.5	2.0	-	-	-
Utah	3.2	4.3	2.1	3.3	4.5	2.2	-	-	-
9 SEER Areas ^b	2.4	3.6	1.5	2.9	4.2	1.8	0.3	0.5	0.3
11 SEER Areas ^b	2.3	3.3	1.5	2.8	4.0	1.8	0.3	0.4	0.3
13 SEER Areas ^b	2.3	3.3	1.5	2.7	4.0	1.8	0.3	0.4	0.3
17 SEER Areas ^b	2.5	3.7	1.6	3.0	4.4	1.9	0.4	0.5	0.4
Total U.S.	2.6	3.9	1.7	3.0	4.3	2.0	0.4	0.5	0.4

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

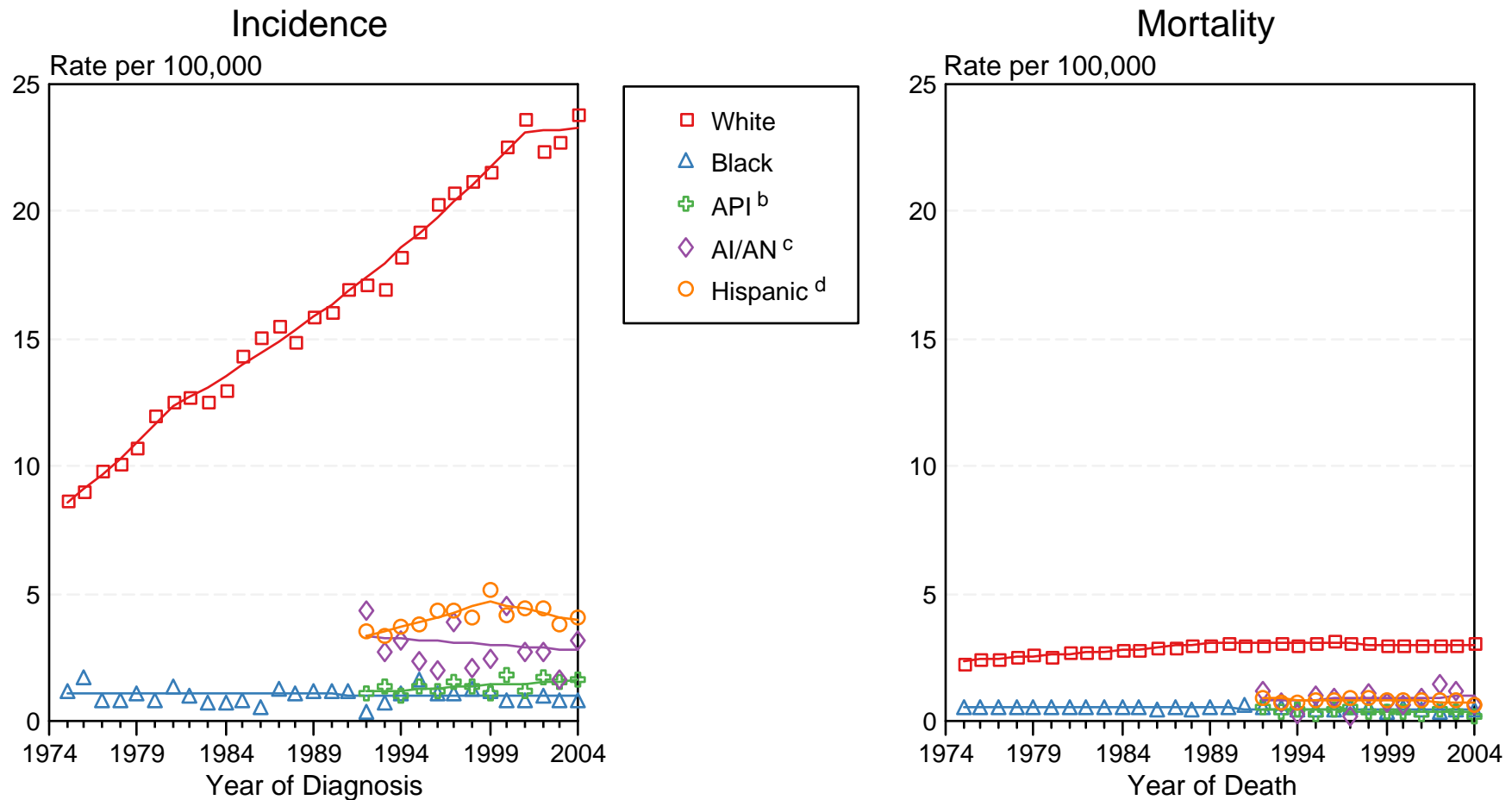
The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XVII-9
MESOTHELIOMA

SEER INCIDENCE
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

RACE/ETHNICITY	Rate 2000-2004 ^b Rate per 100,000 persons			Trend 1995-2004 ^c APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	1.1	2.1	0.4	-1.3*	-1.5*	-0.9
White	1.2	2.3	0.5	-0.8	-1.1	-0.3
White Hispanic ^d	1.1	1.9	0.5	-2.6	-4.1	-
White Non-Hispanic ^d	1.3	2.4	0.5	-0.7	-0.8	-0.9
Black	0.6	1.1	0.2	-5.0	-	-
Asian/Pacific Islander	0.4	0.6	0.2	-3.4	-	-
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	1.1	1.8	0.5	-2.3	-3.9	-

- The APC is the Annual Percent Change over the time interval.
Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- * The APC is significantly different from zero (p<.05).

Table XVII-10

MESOTHELIOMAAGE-ADJUSTED SEER INCIDENCE RATES^a

By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	0.6	1.1	0.3	0.7	1.3	0.4	-	-	-
Atlanta	0.6	1.1	0.3	0.7	1.3	0.4	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	1.0	1.9	0.4	1.2	2.1	0.4	0.7	1.3	-
Greater Bay Area	1.0	1.9	0.4	1.2	2.3	0.4	-	-	-
San Francisco-Oakland	1.1	2.1	0.4	1.3	2.6	0.4	-	-	-
San Jose-Monterey	0.8	1.4	0.5	1.0	1.6	0.5	-	-	-
Los Angeles	0.9	1.7	0.4	1.1	2.0	0.5	0.6	1.3	-
Greater California	1.1	2.0	0.4	1.2	2.1	0.4	0.7	-	-
Connecticut	1.2	2.3	0.4	1.3	2.4	0.4	-	-	-
Detroit	1.1	2.0	0.5	1.2	2.2	0.6	0.5	0.9	-
Hawaii	0.8	1.5	-	1.3	2.5	-	-	-	-
Iowa	0.7	1.2	0.4	0.7	1.2	0.4	-	-	-
Kentucky	0.8	1.4	0.4	0.8	1.5	0.4	-	-	-
Louisiana	1.3	2.5	0.4	1.5	2.9	0.5	0.7	1.4	-
New Jersey	1.6	3.1	0.6	1.7	3.3	0.6	0.7	1.4	-
New Mexico	0.9	1.7	-	0.9	1.7	-	-	-	-
Seattle-Puget Sound	1.5	2.8	0.5	1.6	3.0	0.5	-	-	-
Utah	0.9	1.5	0.4	0.9	1.6	0.4	-	-	-
9 SEER Areas ^b	1.0	1.9	0.4	1.1	2.1	0.4	0.5	0.8	-
11 SEER Areas ^b	1.0	1.9	0.4	1.1	2.1	0.4	0.5	1.0	0.2
13 SEER Areas ^b	1.0	1.8	0.4	1.1	2.1	0.4	0.5	1.0	0.2
17 SEER Areas ^b	1.1	2.1	0.4	1.2	2.3	0.5	0.6	1.1	0.2

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVIII-10
MYELOMA

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	5.6	7.0	4.5	-0.5	-0.4	-0.8*
White	5.2	6.6	4.1	-0.6	-0.5	-0.8
White Hispanic ^d	5.7	7.0	4.8	-0.1	-0.5	0.6
White Non-Hispanic ^d	5.1	6.5	4.0	-0.6	-0.5	-1.0
Black	11.3	14.0	9.5	-0.5	0.9	-1.8*
Asian/Pacific Islander	3.3	3.7	3.0	-1.4	-2.5	-0.1
Amer Ind/Alaska Nat ^e	5.3	4.8	5.7	-	-	-
Hispanic ^d	5.7	6.9	4.8	-0.1	-0.7	0.6

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	3.7	4.6	3.1	-0.9*	-1.1*	-1.0*
White	3.5	4.4	2.8	-0.8*	-0.9*	-0.9*
White Hispanic ^d	3.2	3.8	2.7	-0.6	-0.7	-0.7
White Non-Hispanic ^d	3.5	4.4	2.8	-0.7*	-0.8*	-0.9*
Black	7.1	8.5	6.3	-1.4*	-1.8*	-1.3*
Asian/Pacific Islander	1.6	1.9	1.5	-2.9*	-4.2*	-1.4
Amer Ind/Alaska Nat						
Total U.S.	2.9	3.2	2.8	-2.0	-1.0	-2.9
CHSDA Counties	3.8	4.2	3.5	-2.0	0.7	-4.1
Non-CHSDA Counties	1.8	1.8	2.0	-	-	-
Hispanic ^d	3.1	3.7	2.6	-0.7	-0.8	-0.6

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XVIII-11

MYELOMAAGE-ADJUSTED SEER INCIDENCE RATES^a

By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	6.6	8.4	5.3	5.2	6.7	4.1	10.6	14.2	8.3
Atlanta	6.5	8.1	5.4	5.2	6.6	4.2	10.3	13.3	8.3
Rural Georgia	8.0	13.1	-	4.3	-	-	15.1	25.4	-
California	5.2	6.3	4.3	4.9	6.2	4.0	10.8	12.8	9.5
Greater Bay Area	5.3	6.5	4.3	5.2	6.4	4.2	10.4	12.2	9.1
San Francisco-Oakland	5.2	6.3	4.4	4.9	6.0	4.0	10.2	11.5	9.3
San Jose-Monterey	5.5	6.9	4.2	5.8	7.1	4.7	12.4	19.8	-
Los Angeles	5.5	6.6	4.7	5.0	6.2	4.2	11.4	13.4	10.1
Greater California	5.0	6.2	4.0	4.8	6.1	3.8	10.3	12.7	8.5
Connecticut	5.3	6.7	4.3	5.0	6.4	4.0	9.7	11.6	8.4
Detroit	6.9	8.7	5.6	5.6	7.4	4.3	12.0	14.5	10.4
Hawaii	3.9	5.1	3.0	5.3	8.1	2.9	-	-	-
Iowa	5.5	7.0	4.4	5.4	6.9	4.2	13.3	-	-
Kentucky	5.6	7.1	4.6	5.3	6.7	4.2	11.1	13.1	9.6
Louisiana	6.5	8.5	5.1	4.8	6.2	3.8	11.8	16.3	9.1
New Jersey	6.1	7.4	5.1	5.5	6.8	4.4	11.8	14.1	10.6
New Mexico	5.2	6.7	4.0	5.1	6.6	3.9	-	-	-
Seattle-Puget Sound	5.9	7.6	4.5	5.8	7.5	4.5	10.8	13.9	7.9
Utah	5.3	6.9	4.0	5.4	7.0	4.0	-	-	-
9 SEER Areas ^b	5.7	7.1	4.6	5.3	6.9	4.2	10.9	13.2	9.3
11 SEER Areas ^b	5.6	7.0	4.6	5.3	6.7	4.2	11.0	13.4	9.5
13 SEER Areas ^b	5.6	7.0	4.6	5.3	6.8	4.2	11.1	13.5	9.5
17 SEER Areas ^b	5.6	7.0	4.5	5.2	6.6	4.1	11.3	14.0	9.5

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVIII-12

MYELOMAAGE-ADJUSTED SEER DEATH RATES^a

By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	4.6	5.3	4.0	3.8	4.5	3.2	7.0	8.0	6.2
Atlanta	4.6	5.1	4.1	3.8	4.4	3.3	7.0	7.7	6.4
Rural Georgia	4.5	7.1	-	-	-	-	-	-	-
California	3.4	4.2	2.8	3.3	4.3	2.7	7.3	8.3	6.7
Greater Bay Area	3.4	4.1	2.9	3.5	4.2	3.0	7.7	9.3	6.6
San Francisco-Oakland	3.5	4.4	2.9	3.5	4.5	2.8	7.8	8.8	7.1
San Jose-Monterey	3.2	3.5	2.9	3.6	3.8	3.3	-	-	-
Los Angeles	3.4	4.1	2.8	3.2	4.2	2.5	7.5	8.6	7.0
Greater California	3.3	4.2	2.7	3.3	4.3	2.6	6.7	7.0	6.3
Connecticut	3.5	4.0	3.2	3.3	3.8	3.0	7.0	7.2	7.1
Detroit	4.3	5.5	3.6	3.6	4.7	2.9	7.4	8.9	6.5
Hawaii	2.4	3.0	1.9	3.4	4.6	2.3	-	-	-
Iowa	3.8	4.5	3.2	3.7	4.4	3.2	10.3	-	-
Kentucky	3.9	5.1	3.2	3.8	4.9	3.1	6.8	9.1	5.2
Louisiana	4.3	5.7	3.3	3.5	4.5	2.7	7.1	10.2	5.2
New Jersey	3.8	4.6	3.3	3.5	4.3	3.0	7.2	8.1	6.5
New Mexico	3.7	4.7	3.0	3.6	4.5	3.0	-	-	-
Seattle-Puget Sound	4.0	5.2	3.1	4.0	5.2	3.1	7.1	10.4	-
Utah	3.9	5.1	3.0	3.9	5.1	3.0	-	-	-
9 SEER Areas ^b	3.8	4.7	3.2	3.7	4.6	3.0	7.3	8.7	6.5
11 SEER Areas ^b	3.7	4.5	3.1	3.6	4.5	2.9	7.4	8.8	6.5
13 SEER Areas ^b	3.7	4.5	3.1	3.6	4.5	2.9	7.4	8.9	6.5
17 SEER Areas ^b	3.7	4.5	3.0	3.5	4.4	2.9	7.2	8.8	6.2
Total U.S.	3.7	4.6	3.1	3.5	4.4	2.8	7.1	8.5	6.3

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

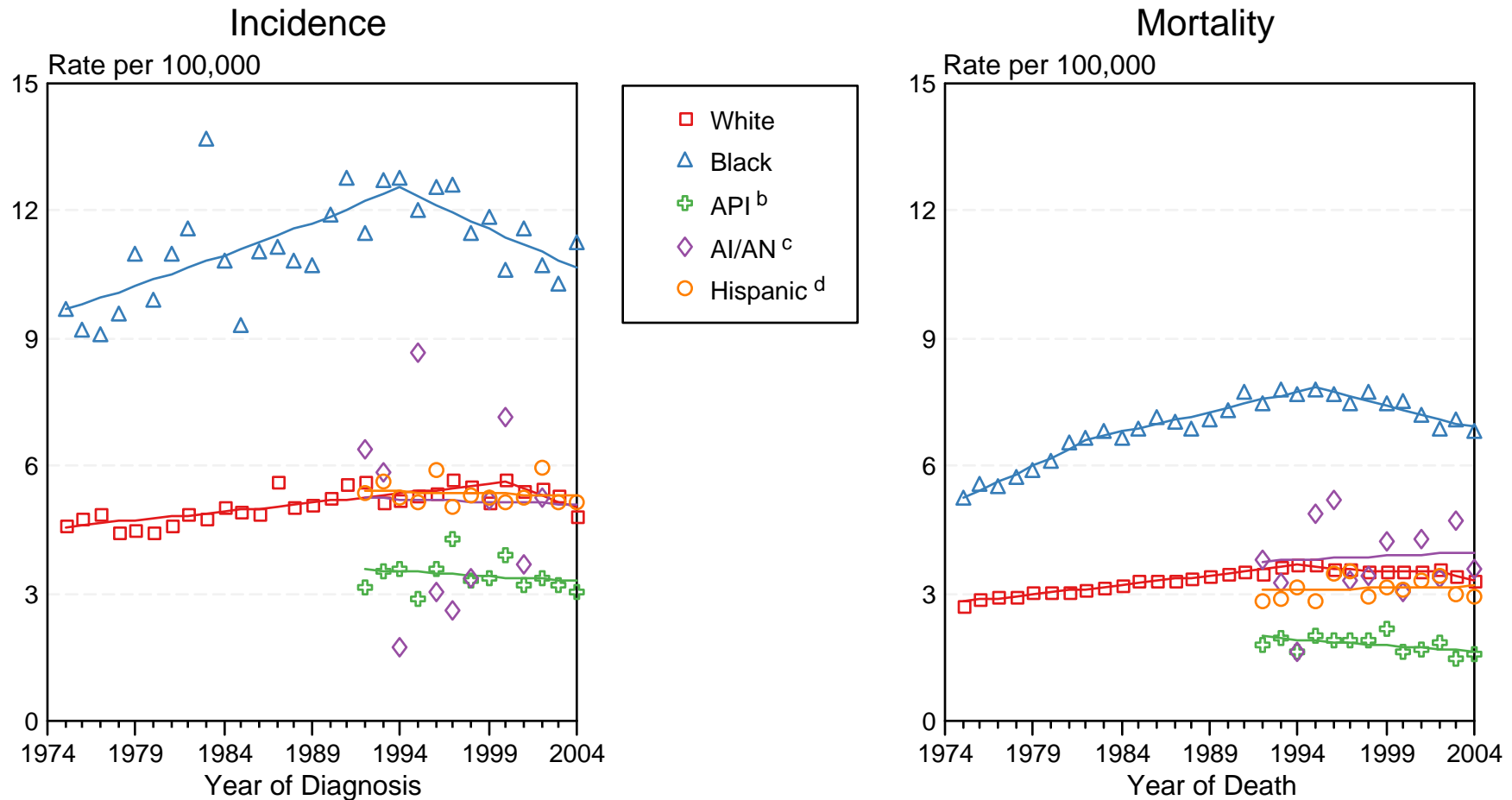


Figure XVIII-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XIX-14
NON-HODGKIN LYMPHOMA

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	19.3	23.2	16.3	0.1	-0.4	1.0*
White	20.2	24.1	17.0	0.2	-0.3	1.0*
White Hispanic ^d	16.8	19.6	14.5	-0.5	-1.1	0.4
White Non-Hispanic ^d	20.8	25.0	17.4	0.4*	-0.2	1.1*
Black	14.6	18.1	11.9	0.2	-0.7	1.5*
Asian/Pacific Islander	13.2	15.7	11.2	0.2	-0.6	1.4
Amer Ind/Alaska Nat ^e	10.4	11.6	9.5	0.4	-	-
Hispanic ^d	16.5	19.2	14.2	-0.4	-0.9	0.5

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	7.6	9.6	6.2	-2.5*	-2.3*	-2.7*
White	7.9	9.9	6.4	-2.5*	-2.3*	-2.8*
White Hispanic ^d	6.0	7.2	5.0	-3.2*	-3.9*	-2.5*
White Non-Hispanic ^d	8.0	10.1	6.5	-2.4*	-2.1*	-2.7*
Black	5.2	6.5	4.3	-2.4*	-3.3*	-1.4*
Asian/Pacific Islander	4.8	5.8	3.9	-2.1*	-2.4*	-1.6
Amer Ind/Alaska Nat						
Total U.S.	4.3	4.8	3.8	-2.9	-4.5	-2.1
CHSDA Counties	5.5	6.1	5.0	0.5	-2.2	2.2
Non-CHSDA Counties	2.6	3.1	2.2	-9.0*	-	-
Hispanic ^d	5.7	6.9	4.8	-3.1*	-4.0*	-2.4*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XIX-15
NON-HODGKIN LYMPHOMA

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	17.8	21.5	14.9	19.2	22.9	16.4	14.2	18.1	11.2
Atlanta	17.9	21.8	14.9	19.2	23.1	16.2	14.5	18.6	11.4
Rural Georgia	16.1	17.0	14.9	19.9	20.3	19.2	9.7	-	-
California	18.6	22.4	15.4	19.3	23.2	16.0	14.4	17.7	11.5
Greater Bay Area	20.4	25.3	16.4	22.2	27.3	17.8	16.3	21.0	12.2
San Francisco-Oakland	20.7	26.4	16.0	22.6	28.3	17.7	16.7	22.0	12.3
San Jose-Monterey	20.0	23.3	17.3	21.5	25.7	18.2	13.9	14.0	-
Los Angeles	18.1	22.0	15.0	19.2	23.2	15.9	14.2	18.0	11.4
Greater California	18.1	21.5	15.3	18.5	22.0	15.6	13.3	15.5	11.0
Connecticut	20.4	24.5	17.1	20.8	25.2	17.4	14.6	16.2	13.5
Detroit	21.2	25.4	18.2	22.6	26.8	19.5	15.8	19.9	12.9
Hawaii	15.3	17.9	13.2	18.9	22.6	15.7	-	-	-
Iowa	19.6	22.8	17.1	19.6	22.8	17.0	13.4	18.3	-
Kentucky	19.3	22.1	16.9	19.4	22.0	17.2	14.4	20.4	10.1
Louisiana	18.9	22.8	16.0	20.6	24.6	17.7	13.6	16.5	11.3
New Jersey	21.2	25.6	17.9	21.9	26.3	18.6	15.7	19.6	12.7
New Mexico	15.8	18.1	13.9	16.2	18.6	14.3	11.8	-	-
Seattle-Puget Sound	22.4	27.6	18.3	23.3	28.9	18.8	14.7	15.1	14.5
Utah	19.2	23.2	15.7	19.4	23.5	15.8	-	-	-
9 SEER Areas ^b	19.9	24.2	16.6	20.9	25.3	17.4	15.3	18.9	12.5
11 SEER Areas ^b	19.5	23.6	16.3	20.6	24.9	17.1	15.0	18.6	12.2
13 SEER Areas ^b	19.5	23.6	16.3	20.6	24.8	17.1	14.9	18.5	12.2
17 SEER Areas ^b	19.3	23.2	16.3	20.2	24.1	17.0	14.6	18.1	11.9

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XIX-16
NON-HODGKIN LYMPHOMA

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	6.6	8.3	5.5	7.3	9.0	6.2	4.4	5.6	3.5
Atlanta	6.7	8.5	5.5	7.4	9.1	6.2	4.3	5.8	3.4
Rural Georgia	5.5	-	5.4	6.1	-	-	-	-	-
California	7.1	9.0	5.6	7.5	9.5	5.9	5.4	6.7	4.4
Greater Bay Area	7.4	9.5	5.9	8.0	10.3	6.3	6.0	8.0	4.5
San Francisco-Oakland	7.6	10.0	5.8	8.4	11.2	6.3	5.9	8.0	4.4
San Jose-Monterey	7.0	8.3	6.0	7.4	8.7	6.3	-	-	-
Los Angeles	6.6	8.3	5.3	7.1	9.1	5.7	4.9	5.7	4.2
Greater California	7.2	9.1	5.7	7.4	9.4	5.9	5.8	6.8	4.7
Connecticut	7.4	9.2	6.1	7.6	9.5	6.2	4.4	5.1	4.1
Detroit	7.6	10.0	6.0	8.2	10.8	6.4	5.4	7.1	4.2
Hawaii	5.8	7.4	4.5	6.7	8.7	4.9	-	-	-
Iowa	8.4	10.3	7.0	8.4	10.3	7.1	-	-	-
Kentucky	8.0	10.2	6.4	8.1	10.2	6.6	5.9	8.8	4.0
Louisiana	7.9	9.7	6.6	8.7	10.7	7.2	5.6	6.6	4.9
New Jersey	7.9	10.2	6.3	8.3	10.6	6.6	5.7	8.1	3.9
New Mexico	6.7	8.3	5.4	6.7	8.4	5.3	-	-	-
Seattle-Puget Sound	8.2	11.1	6.1	8.5	11.5	6.2	5.0	5.9	-
Utah	7.6	9.8	5.8	7.7	10.0	5.7	-	-	-
9 SEER Areas ^b	7.5	9.7	6.0	8.0	10.3	6.3	5.0	6.5	4.0
11 SEER Areas ^b	7.3	9.3	5.8	7.8	9.9	6.2	5.0	6.3	4.1
13 SEER Areas ^b	7.3	9.3	5.8	7.8	9.9	6.2	5.0	6.3	4.1
17 SEER Areas ^b	7.4	9.4	5.9	7.8	9.9	6.2	5.3	6.8	4.2
Total U.S.	7.6	9.6	6.2	7.9	9.9	6.4	5.2	6.5	4.3

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

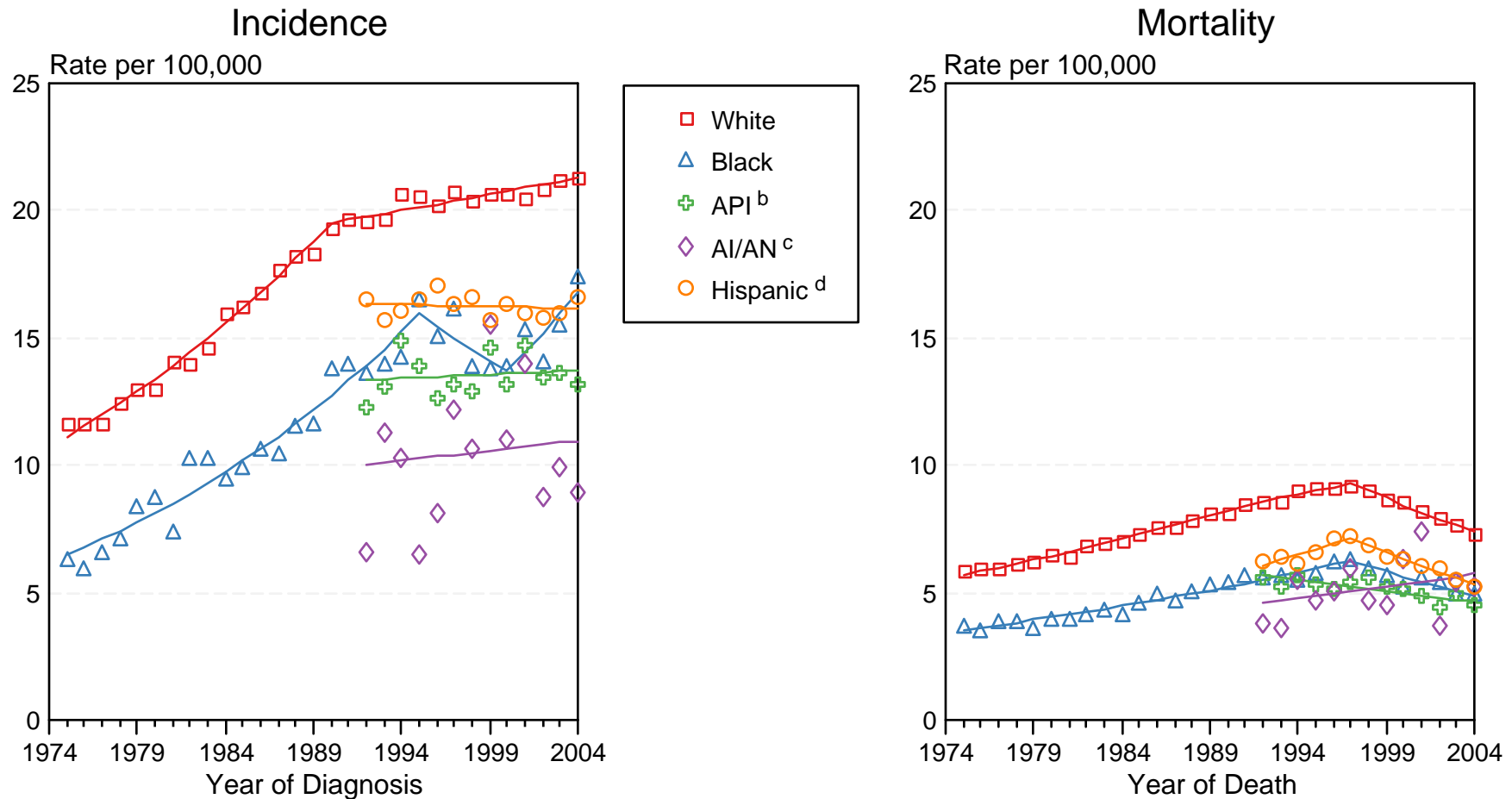


Figure XIX-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XX-10a
CANCER OF THE ORAL CAVITY AND PHARYNX (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	10.5	15.6	6.1	-1.5*	-1.6*	-1.8*
White	10.6	15.7	6.1	-1.3*	-1.2*	-2.0*
White Hispanic ^d	6.3	9.5	3.6	-2.6*	-3.2*	-1.5
White Non-Hispanic ^d	11.2	16.6	6.6	-1.0*	-0.9*	-1.8*
Black	11.1	18.1	5.7	-3.0*	-3.6*	-1.5
Asian/Pacific Islander	7.9	10.8	5.4	-1.8	-2.3	-0.7
Amer Ind/Alaska Nat ^e	7.1	10.0	4.6	-3.5	-	-
Hispanic ^d	6.2	9.3	3.6	-2.6*	-3.2*	-1.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.7	4.1	1.5	-2.1*	-2.1*	-2.5*
White	2.5	3.8	1.5	-1.8*	-1.8*	-2.3*
White Hispanic ^d	1.7	2.8	0.9	-2.8*	-4.0*	-0.3
White Non-Hispanic ^d	2.6	3.9	1.5	-1.7*	-1.7*	-2.3*
Black	3.9	6.8	1.7	-3.8*	-3.6*	-4.5*
Asian/Pacific Islander	2.3	3.4	1.3	-2.6*	-2.6*	-2.3
Amer Ind/Alaska Nat						
Total U.S.	2.1	3.2	1.3	-1.8	-2.1	-
CHSDA Counties	2.5	3.8	1.5	-0.3	-	-
Non-CHSDA Counties	1.7	2.6	1.0	-	-	-
Hispanic ^d	1.7	2.8	0.8	-2.9*	-4.0*	-0.5

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XX-11
 CANCER OF THE ORAL CAVITY AND PHARYNX (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	10.6	15.4	6.7	10.6	15.5	6.3	11.1	16.0	7.4
Atlanta	10.4	15.1	6.5	10.5	15.4	6.2	10.8	15.5	7.4
Rural Georgia	13.9	20.2	8.9	13.0	17.9	9.5	15.3	25.9	-
California	10.2	15.0	6.1	10.5	15.5	6.1	9.9	15.6	5.5
Greater Bay Area	10.3	14.6	6.5	10.5	15.0	6.5	9.6	14.3	6.0
San Francisco-Oakland	10.8	15.4	6.9	11.1	15.7	7.0	9.7	14.5	6.0
San Jose-Monterey	9.2	13.2	5.8	9.4	13.8	5.7	10.5	15.0	-
Los Angeles	9.3	13.9	5.6	9.5	14.2	5.6	10.4	17.0	5.5
Greater California	10.6	15.7	6.2	10.9	16.1	6.2	9.7	14.8	5.3
Connecticut	9.9	14.5	6.1	9.8	14.4	5.9	12.0	18.1	7.8
Detroit	12.1	18.6	6.9	11.9	17.7	7.2	12.9	22.2	6.0
Hawaii	10.7	15.7	6.2	15.5	21.5	9.2	-	-	-
Iowa	10.9	16.5	6.3	10.8	16.2	6.2	11.0	15.0	-
Kentucky	11.6	18.6	5.9	11.4	18.3	5.8	12.3	20.8	5.5
Louisiana	12.0	19.3	5.9	12.1	18.9	6.3	11.8	20.9	5.0
New Jersey	9.8	14.5	6.0	9.6	14.1	5.9	11.4	19.4	5.6
New Mexico	9.3	14.0	5.3	9.8	14.6	5.5	-	-	-
Seattle-Puget Sound	11.0	15.9	6.6	11.3	16.3	6.8	8.3	13.2	-
Utah	8.3	11.6	5.3	8.3	11.8	5.2	-	-	-
9 SEER Areas ^b	10.6	15.6	6.4	10.7	15.7	6.4	11.2	17.6	6.3
11 SEER Areas ^b	10.2	15.1	6.2	10.4	15.3	6.2	10.9	17.4	6.1
13 SEER Areas ^b	10.3	15.1	6.2	10.4	15.3	6.2	11.0	17.5	6.1
17 SEER Areas ^b	10.5	15.6	6.1	10.6	15.7	6.1	11.1	18.1	5.7

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XX-12
 CANCER OF THE ORAL CAVITY AND PHARYNX (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	2.3	3.3	1.6	2.0	2.7	1.4	3.3	5.1	2.1
Atlanta	2.2	3.1	1.5	1.9	2.6	1.3	3.2	4.8	2.0
Rural Georgia	4.6	7.0	-	3.9	-	-	-	-	-
California	2.7	4.0	1.7	2.7	3.9	1.7	3.7	5.8	2.1
Greater Bay Area	2.7	3.9	1.7	2.5	3.5	1.7	3.9	5.9	2.3
San Francisco-Oakland	2.9	4.3	1.8	2.7	3.8	1.8	4.0	6.1	2.4
San Jose-Monterey	2.2	3.3	1.4	2.1	3.0	1.5	-	-	-
Los Angeles	2.6	3.9	1.6	2.4	3.7	1.5	4.0	6.6	2.2
Greater California	2.8	4.1	1.8	2.9	4.1	1.8	3.1	4.7	1.8
Connecticut	2.2	3.6	1.1	2.1	3.4	1.1	3.7	6.8	-
Detroit	2.7	4.3	1.5	2.4	3.8	1.4	3.7	6.8	1.4
Hawaii	3.1	4.7	1.7	4.4	5.9	3.0	-	-	-
Iowa	2.3	3.4	1.4	2.3	3.3	1.4	-	-	-
Kentucky	3.0	4.7	1.6	2.9	4.4	1.6	4.9	9.0	-
Louisiana	3.5	5.8	1.7	3.1	4.9	1.6	4.7	8.6	2.0
New Jersey	2.5	3.8	1.4	2.3	3.5	1.4	4.0	6.8	2.1
New Mexico	1.8	2.6	1.1	1.8	2.6	1.1	-	-	-
Seattle-Puget Sound	2.9	4.3	1.8	2.9	4.3	1.8	-	-	-
Utah	1.8	2.7	1.1	1.7	2.6	1.1	-	-	-
9 SEER Areas ^b	2.5	3.8	1.5	2.4	3.5	1.4	3.4	5.8	1.7
11 SEER Areas ^b	2.5	3.8	1.5	2.4	3.5	1.4	3.6	6.0	1.8
13 SEER Areas ^b	2.5	3.8	1.5	2.4	3.5	1.5	3.6	6.1	1.9
17 SEER Areas ^b	2.7	4.0	1.6	2.6	3.8	1.6	3.9	6.6	1.9
Total U.S.	2.7	4.1	1.5	2.5	3.8	1.5	3.9	6.8	1.7

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

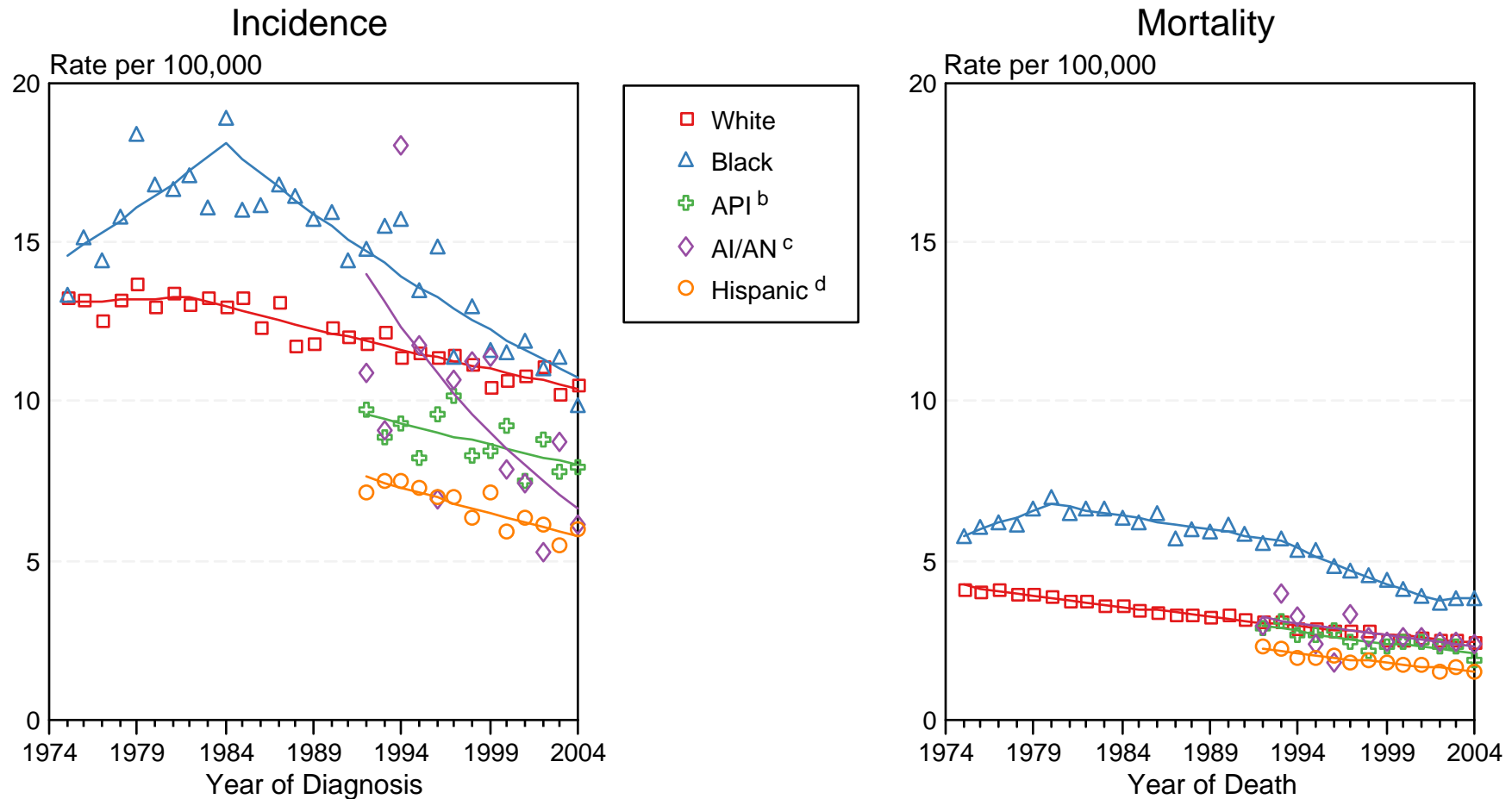


Figure XX-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXI-8
OVARY CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	13.5	-1.2*
White	14.3	-1.2*
White Hispanic ^d	11.8	-0.5
White Non-Hispanic ^d	14.8	-1.3*
Black	10.1	0.0
Asian/Pacific Islander	9.7	-0.4
Amer Ind/Alaska Nat ^e	11.2	-3.2
Hispanic ^d	11.5	-0.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004	Trend 1995-2004
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	8.9	-0.1
White	9.2	-0.1
White Hispanic ^d	6.4	0.5
White Non-Hispanic ^d	9.5	0.0
Black	7.4	0.1
Asian/Pacific Islander	4.8	0.7
Amer Ind/Alaska Nat		
Total U.S.	5.5	2.2
CHSDA Counties	7.1	2.2
Non-CHSDA Counties	3.4	-
Hispanic ^d	6.1	0.5

- Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
 The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXI-9
OVARY CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	13.2	7.7	51.7	14.1	8.2	54.9	11.8	7.0	44.6
Atlanta	13.2	7.6	51.3	14.0	8.1	54.5	11.7	7.1	43.5
Rural Georgia	15.0	8.7	58.4	15.6	9.1	60.5	13.5	-	-
California	13.3	8.2	48.4	14.1	8.6	52.0	9.2	5.4	35.6
Greater Bay Area	12.9	8.4	43.9	13.9	8.7	49.4	8.8	5.7	30.1
San Francisco-Oakland	13.2	8.7	44.6	14.3	9.0	50.4	8.9	5.8	30.6
San Jose-Monterey	12.4	8.0	42.4	13.2	8.2	47.5	-	-	-
Los Angeles	13.2	8.3	47.2	14.4	9.0	52.2	9.7	5.5	38.8
Greater California	13.4	8.0	50.7	14.0	8.4	52.8	8.9	5.2	34.2
Connecticut	13.9	8.9	48.4	14.4	9.4	49.3	7.8	4.1	33.4
Detroit	13.8	8.4	51.0	15.0	9.5	52.6	10.8	5.4	48.0
Hawaii	10.6	7.3	33.7	11.8	7.8	39.7	-	-	-
Iowa	14.1	8.4	53.0	14.0	8.4	53.1	-	-	-
Kentucky	12.9	7.9	47.7	13.1	8.0	48.3	10.3	6.3	38.3
Louisiana	12.0	6.7	48.2	12.8	7.4	50.3	10.1	5.4	42.7
New Jersey	15.2	9.8	52.7	16.1	10.5	54.5	10.9	6.4	41.9
New Mexico	12.6	7.8	45.9	12.5	7.6	46.4	-	-	-
Seattle-Puget Sound	15.4	8.7	62.1	16.0	8.9	65.1	9.2	5.5	-
Utah	12.9	7.8	47.9	13.1	8.0	48.9	-	-	-
9 SEER Areas ^b	13.6	8.3	50.0	14.3	8.7	52.9	10.3	5.8	41.4
11 SEER Areas ^b	13.5	8.3	49.0	14.3	8.8	52.5	10.1	5.7	40.5
13 SEER Areas ^b	13.5	8.3	49.0	14.3	8.8	52.6	10.1	5.7	40.7
17 SEER Areas ^b	13.5	8.3	49.8	14.3	8.8	52.5	10.1	5.7	40.6

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

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXI-10
OVARY CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race/Ethnicity and Age

	All Races			Whites			Blacks		
	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+	All Ages	Ages <50	Ages 50+
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	9.1	3.2	50.1	9.5	3.1	53.7	8.5	3.6	41.8
Atlanta	9.1	3.2	50.5	9.5	3.0	54.3	8.4	3.7	41.3
Rural Georgia	9.2	-	44.5	9.6	-	-	-	-	-
California	9.1	3.7	46.1	9.8	4.0	50.2	7.0	2.9	36.0
Greater Bay Area	8.5	3.6	42.2	9.7	4.0	49.3	6.3	2.5	32.8
San Francisco-Oakland	8.7	3.7	43.2	10.1	4.1	51.5	6.5	2.7	32.5
San Jose-Monterey	8.0	3.3	39.9	9.1	3.8	45.2	-	-	-
Los Angeles	9.0	3.8	44.8	10.0	4.1	50.4	7.7	3.2	38.8
Greater California	9.4	3.7	48.3	9.8	3.9	50.5	6.7	2.7	33.9
Connecticut	8.5	3.4	44.0	8.9	3.6	45.3	5.0	-	26.5
Detroit	9.0	3.8	45.2	9.4	4.0	47.0	8.1	3.4	40.6
Hawaii	6.7	3.4	29.9	9.9	5.0	44.0	-	-	-
Iowa	9.8	3.6	52.1	9.8	3.6	52.4	-	-	-
Kentucky	8.8	3.8	43.6	9.0	3.9	44.2	6.9	2.7	36.1
Louisiana	8.4	3.3	43.5	8.7	3.4	45.3	7.8	3.3	39.0
New Jersey	9.6	4.2	47.3	10.0	4.4	49.1	8.3	3.8	38.9
New Mexico	8.2	3.3	41.8	8.1	3.2	42.5	-	-	-
Seattle-Puget Sound	10.7	3.8	58.5	11.1	3.9	61.0	8.9	-	-
Utah	8.3	3.4	41.6	8.3	3.5	41.9	-	-	-
9 SEER Areas ^b	9.0	3.6	46.6	9.6	3.7	50.0	7.6	3.2	38.2
11 SEER Areas ^b	8.9	3.6	45.9	9.6	3.8	49.8	7.6	3.1	38.3
13 SEER Areas ^b	8.9	3.6	45.8	9.6	3.8	49.7	7.6	3.1	38.4
17 SEER Areas ^b	9.1	3.7	46.3	9.6	3.9	49.2	7.6	3.2	38.2
Total U.S.	8.9	3.7	45.0	9.2	3.8	46.5	7.4	3.1	37.5

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Ovary Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

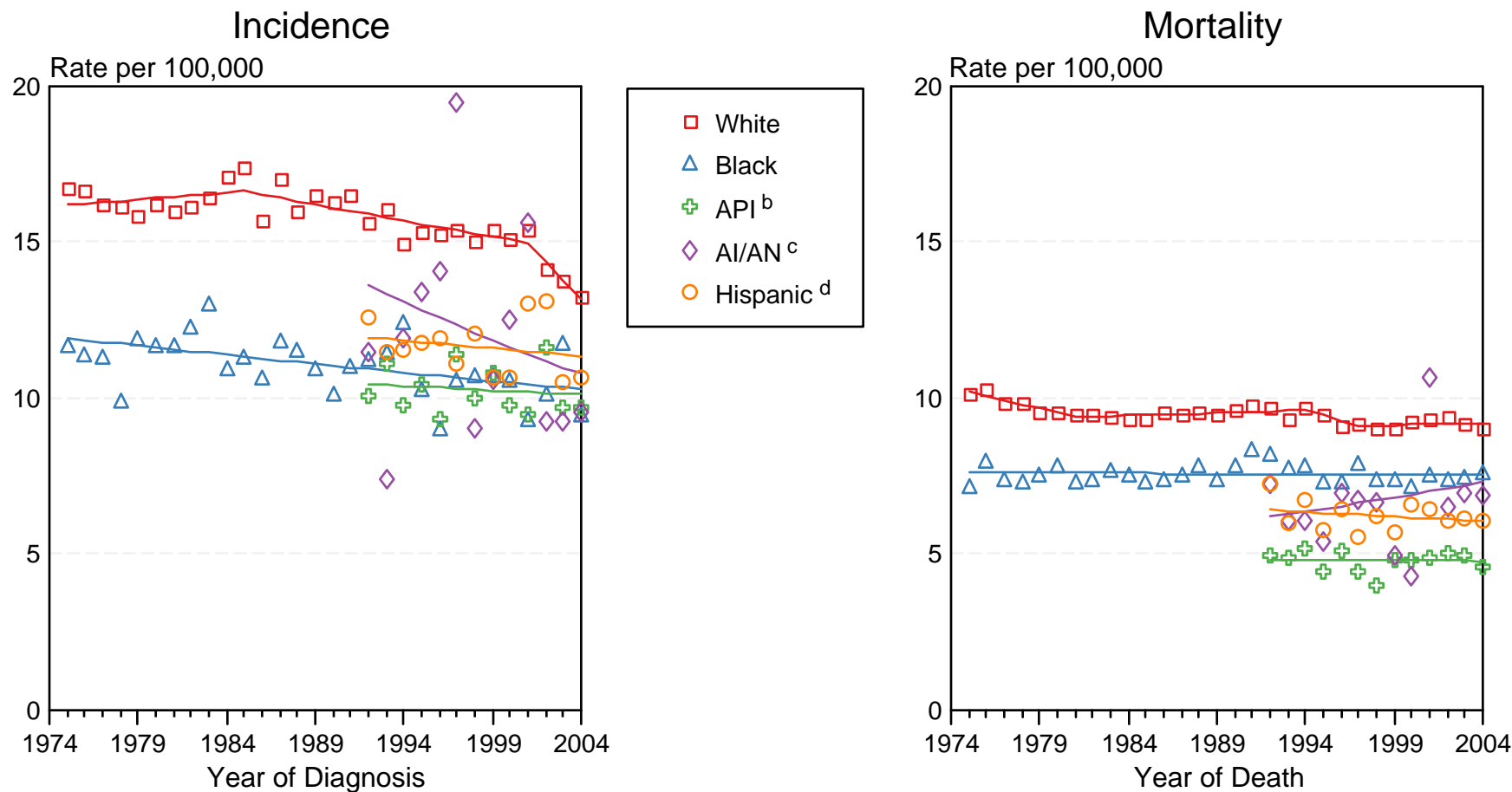


Figure XXI-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXII-10
PANCREAS CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	11.4	12.9	10.1	0.0	-0.1	0.0
White	11.2	12.8	9.9	0.3	0.2	0.2
White Hispanic ^d	10.7	11.3	10.2	-1.3	-1.7	-1.2
White Non-Hispanic ^d	11.4	13.1	9.9	0.5*	0.4	0.4
Black	15.0	16.2	13.9	-1.6*	-2.1*	-1.3
Asian/Pacific Islander	9.0	10.0	8.3	0.0	-0.4	0.5
Amer Ind/Alaska Nat ^e	9.2	9.5	8.9	-1.1	-	-
Hispanic ^d	10.5	11.0	10.0	-1.1	-1.6	-1.0

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	10.6	12.2	9.2	0.1*	0.0	0.1
White	10.4	12.0	9.0	0.3*	0.2	0.2
White Hispanic ^d	8.6	9.4	7.8	0.2	-0.4	0.6
White Non-Hispanic ^d	10.5	12.2	9.1	0.3*	0.3*	0.3*
Black	13.8	15.5	12.4	-0.6*	-0.7*	-0.6*
Asian/Pacific Islander	7.4	7.9	6.9	-0.2	-1.0	0.6
Amer Ind/Alaska Nat						
Total U.S.	6.3	6.6	6.0	0.1	0.1	0.2
CHSDA Counties	7.5	7.6	7.3	1.0	1.2	0.7
Non-CHSDA Counties	4.7	5.3	4.3	-0.8	-	-
Hispanic ^d	8.3	9.1	7.5	0.2	-0.4	0.6

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXII-11
PANCREAS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	10.5	12.1	9.2	9.6	11.2	8.3	13.0	14.3	11.7
Atlanta	10.4	12.2	9.0	9.5	11.2	8.3	13.0	14.9	11.4
Rural Georgia	11.3	10.5	11.1	10.3	10.5	8.9	13.7	-	15.4
California	10.8	12.1	9.8	10.9	12.3	9.8	14.9	15.5	14.1
Greater Bay Area	10.6	11.5	9.9	10.8	11.8	10.0	15.3	14.9	15.0
San Francisco-Oakland	10.7	11.7	9.9	10.9	12.0	9.8	15.5	14.6	15.6
San Jose-Monterey	10.5	11.0	9.8	10.8	11.3	10.2	13.9	18.0	-
Los Angeles	10.6	11.7	9.7	10.6	11.9	9.6	14.4	15.2	13.6
Greater California	11.0	12.5	9.7	11.1	12.7	9.8	15.3	16.5	14.0
Connecticut	12.1	14.0	10.6	12.0	13.9	10.4	15.4	17.9	13.5
Detroit	13.5	15.7	11.6	12.8	15.0	10.8	16.5	18.6	14.7
Hawaii	11.8	13.0	10.9	10.7	11.7	10.3	-	-	-
Iowa	11.2	13.0	9.7	11.0	12.8	9.6	24.9	21.7	26.8
Kentucky	10.6	12.4	9.3	10.4	12.1	9.1	14.3	17.5	12.0
Louisiana	12.8	14.9	11.2	11.9	14.1	10.1	16.1	18.1	14.4
New Jersey	12.2	13.7	11.0	12.2	13.9	10.8	14.0	14.1	13.8
New Mexico	10.1	11.5	8.8	10.3	11.8	8.9	-	-	-
Seattle-Puget Sound	11.7	13.1	10.4	11.6	13.1	10.3	18.2	20.1	17.1
Utah	9.4	11.3	7.7	9.4	11.5	7.8	-	-	-
9 SEER Areas ^b	11.4	13.1	10.1	11.2	12.9	9.8	15.3	16.7	14.0
11 SEER Areas ^b	11.2	12.6	10.0	11.1	12.6	9.8	15.1	16.3	13.8
13 SEER Areas ^b	11.2	12.6	10.0	11.1	12.6	9.8	15.0	16.2	13.9
17 SEER Areas ^b	11.4	12.9	10.1	11.2	12.8	9.9	15.0	16.2	13.9

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXII-12
PANCREAS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	10.2	11.7	8.9	9.2	10.9	7.9	13.2	14.1	12.1
Atlanta	10.2	12.0	8.8	9.1	11.1	7.7	13.4	14.6	12.0
Rural Georgia	10.1	8.0	11.0	9.3	7.5	10.0	11.7	-	13.1
California	10.1	11.4	9.1	10.3	11.7	9.1	14.1	14.5	13.4
Greater Bay Area	9.9	10.6	9.3	10.3	11.1	9.5	15.2	14.8	15.0
San Francisco-Oakland	9.9	10.6	9.3	10.3	11.2	9.4	15.3	14.2	15.7
San Jose-Monterey	9.9	10.6	9.2	10.4	11.1	9.7	14.4	20.1	-
Los Angeles	10.0	11.0	9.1	10.1	11.3	9.1	13.3	14.3	12.4
Greater California	10.2	11.8	8.9	10.3	12.0	9.0	14.2	14.3	13.8
Connecticut	11.0	12.7	9.6	10.8	12.6	9.5	14.6	16.7	13.0
Detroit	11.5	13.3	10.0	10.9	12.9	9.3	14.1	15.2	13.0
Hawaii	10.6	11.9	9.5	10.2	12.5	8.4	-	-	-
Iowa	10.5	11.9	9.4	10.4	11.7	9.2	21.8	24.7	19.5
Kentucky	10.2	11.8	9.0	10.1	11.6	8.8	13.9	17.1	11.8
Louisiana	12.2	14.2	10.6	11.2	13.4	9.6	15.3	17.2	13.8
New Jersey	11.2	12.6	10.1	11.2	12.6	10.0	13.5	14.4	12.7
New Mexico	9.7	11.0	8.6	10.0	11.3	8.8	-	-	-
Seattle-Puget Sound	10.7	12.0	9.7	10.9	12.2	9.7	14.4	15.9	13.2
Utah	9.0	11.1	7.2	9.0	11.2	7.2	-	-	-
9 SEER Areas ^b	10.5	11.9	9.3	10.4	11.9	9.1	14.1	15.0	13.2
11 SEER Areas ^b	10.3	11.6	9.2	10.3	11.7	9.1	13.9	14.9	12.9
13 SEER Areas ^b	10.3	11.6	9.3	10.3	11.7	9.1	13.9	14.8	12.9
17 SEER Areas ^b	10.5	11.9	9.4	10.5	12.0	9.2	14.1	15.2	13.0
Total U.S.	10.6	12.2	9.2	10.4	12.0	9.0	13.8	15.5	12.4

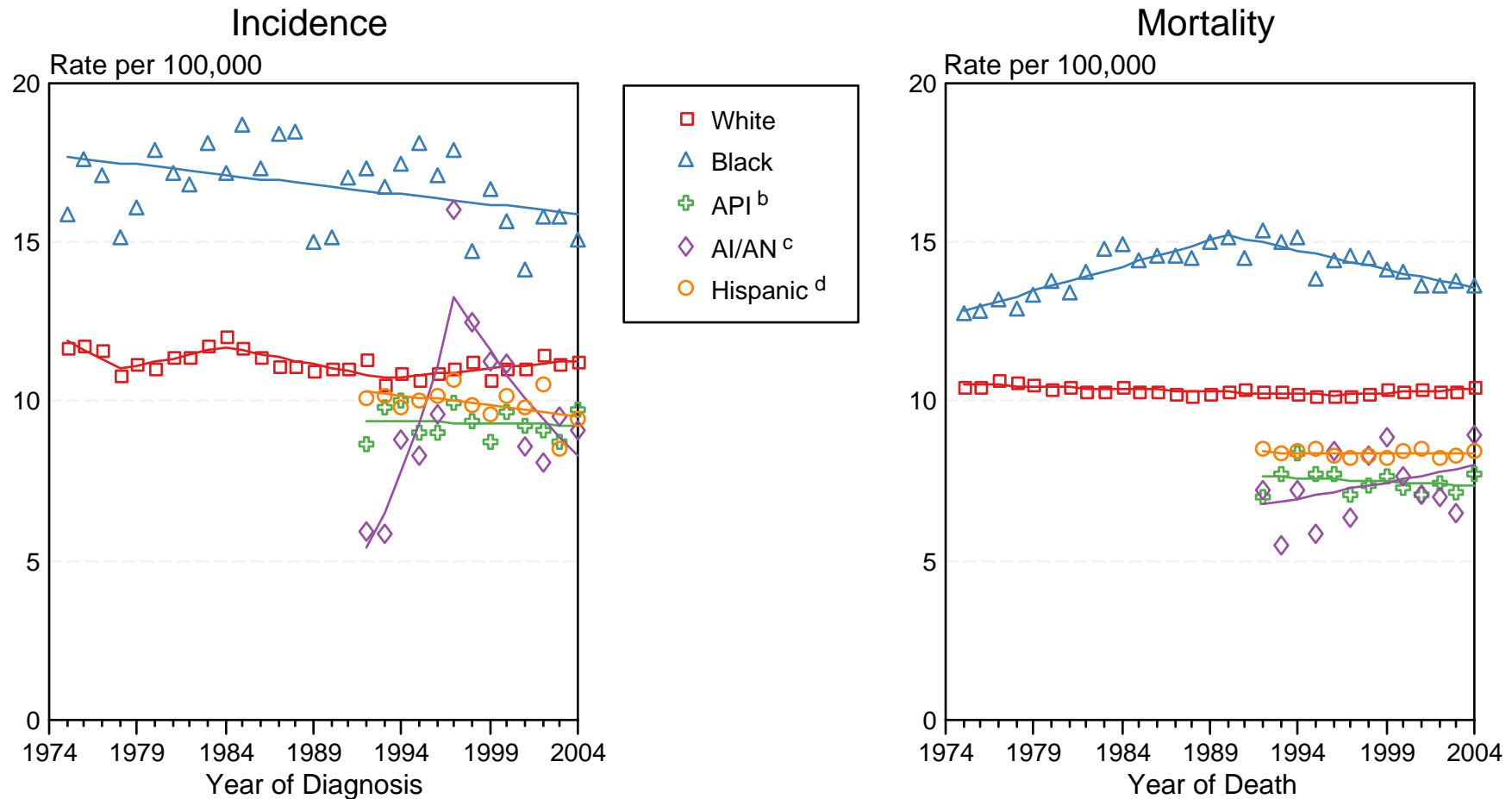
^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
 The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
 The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
 The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Pancreas Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXIII-8
PROSTATE CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	168.0	-0.2
White	161.4	-0.1
White Hispanic ^d	139.7	-0.2
White Non-Hispanic ^d	166.6	0.0
Black	255.5	-1.4*
Asian/Pacific Islander	96.5	0.2
Amer Ind/Alaska Nat ^e	68.2	-2.9
Hispanic ^d	140.8	-0.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004	Trend 1995-2004
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	27.9	-4.1*
White	25.6	-4.1*
White Hispanic ^d	21.7	-3.4*
White Non-Hispanic ^d	25.6	-4.1*
Black	62.3	-3.7*
Asian/Pacific Islander	11.3	-5.0*
Amer Ind/Alaska Nat		
Total U.S.	18.0	-4.5*
CHSDA Counties	21.5	-2.3
Non-CHSDA Counties	13.3	-8.2*
Hispanic ^d	21.2	-3.5*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXIII-9
PROSTATE CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Age

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	176.7	70.0	914.3	154.6	58.9	815.7	258.0	104.8	1317.1
Atlanta	177.3	70.2	917.2	155.6	59.3	821.3	260.4	105.6	1330.2
Rural Georgia	167.7	65.1	876.7	140.3	52.5	747.5	228.4	91.0	1178.3
California	156.9	53.9	868.5	152.3	53.2	837.5	234.3	102.9	1142.5
Greater Bay Area	162.7	57.8	888.3	169.9	60.8	923.5	213.2	99.6	998.6
San Francisco-Oakland	162.5	59.1	877.2	166.8	60.9	898.4	214.2	101.4	994.1
San Jose-Monterey	163.6	55.2	912.6	175.8	60.7	971.7	211.8	88.3	1065.1
Los Angeles	160.3	53.8	896.5	149.2	50.8	829.3	247.4	107.4	1215.4
Greater California	153.1	52.5	848.9	148.3	51.7	816.1	231.9	100.1	1143.4
Connecticut	174.2	65.1	928.5	169.0	61.4	912.9	241.4	112.2	1134.0
Detroit	218.7	80.4	1174.6	196.0	69.2	1071.8	307.6	123.5	1579.6
Hawaii	131.8	35.9	795.1	149.6	48.8	846.1	180.6	77.0	896.8
Iowa	151.1	49.6	852.8	147.3	47.8	834.9	185.5	87.1	866.1
Kentucky	149.2	49.7	836.8	140.5	45.7	796.1	236.6	94.2	1221.1
Louisiana	179.7	60.5	1003.3	161.0	52.8	909.1	240.0	84.3	1316.1
New Jersey	192.5	68.9	1046.7	181.0	64.6	985.7	280.1	108.7	1465.5
New Mexico	150.7	51.2	838.6	156.4	53.3	869.1	167.8	79.3	779.2
Seattle-Puget Sound	175.5	60.6	970.2	178.8	61.9	986.7	254.5	104.6	1290.6
Utah	186.3	62.7	1040.3	188.3	63.7	1049.5	196.9	110.1	797.0
9 SEER Areas ^b	173.8	61.9	947.0	170.3	59.8	933.8	264.6	110.8	1328.2
11 SEER Areas ^b	170.2	59.7	933.8	166.3	58.0	914.5	258.9	109.4	1292.3
13 SEER Areas ^b	170.0	59.6	932.7	166.2	58.0	914.0	258.5	109.2	1290.8
17 SEER Areas ^b	168.0	58.5	924.6	161.4	56.1	889.3	255.5	103.3	1307.4

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
 The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXIII-10
PROSTATE CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race/Ethnicity and Age

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	31.5	2.1	234.6	23.3	1.0	178.0	61.4	5.1	450.8
Atlanta	30.9	2.0	230.2	23.5	1.0	179.3	59.5	5.0	436.4
Rural Georgia	39.1	-	291.0	20.8	-	161.3	77.2	-	560.1
California	25.4	1.8	188.8	25.5	1.7	190.3	57.5	5.8	415.0
Greater Bay Area	24.3	1.4	182.4	25.0	1.4	187.9	60.6	4.7	446.9
San Francisco-Oakland	25.2	1.6	188.5	25.3	1.5	189.3	61.9	4.7	457.5
San Jose-Monterey	22.5	1.1	170.3	24.5	1.2	185.8	47.2	-	337.1
Los Angeles	24.6	2.0	181.2	23.9	1.7	177.0	56.2	6.0	402.7
Greater California	26.2	1.9	194.5	26.4	1.8	196.0	57.2	6.2	409.4
Connecticut	26.4	1.7	197.3	25.5	1.5	191.0	51.0	3.9	376.7
Detroit	29.3	2.1	217.2	24.4	1.6	182.0	52.3	4.3	383.9
Hawaii	19.6	1.2	146.7	31.4	1.9	235.7	-	-	-
Iowa	28.4	1.7	212.3	28.2	1.7	211.3	53.2	-	390.6
Kentucky	28.6	1.9	213.7	27.0	1.7	202.1	61.1	5.7	443.9
Louisiana	33.5	2.4	248.6	25.8	1.5	193.4	61.0	5.2	446.8
New Jersey	27.0	1.8	201.0	24.5	1.5	183.6	61.7	5.1	452.8
New Mexico	27.7	1.7	207.4	27.7	1.7	206.9	70.2	-	545.4
Seattle-Puget Sound	26.6	1.6	199.6	27.0	1.5	202.9	44.6	-	321.7
Utah	27.6	1.8	205.6	27.7	1.7	206.9	-	-	-
9 SEER Areas ^b	27.0	1.7	201.4	26.3	1.6	197.0	55.1	4.5	404.8
11 SEER Areas ^b	26.2	1.8	195.3	25.7	1.6	192.3	55.2	4.9	403.2
13 SEER Areas ^b	26.3	1.8	195.6	25.7	1.6	192.4	55.5	4.9	405.5
17 SEER Areas ^b	26.9	1.8	199.8	25.8	1.6	192.6	57.9	5.2	422.9
Total U.S.	27.9	1.9	207.2	25.6	1.6	191.3	62.3	5.3	456.1

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Prostate Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

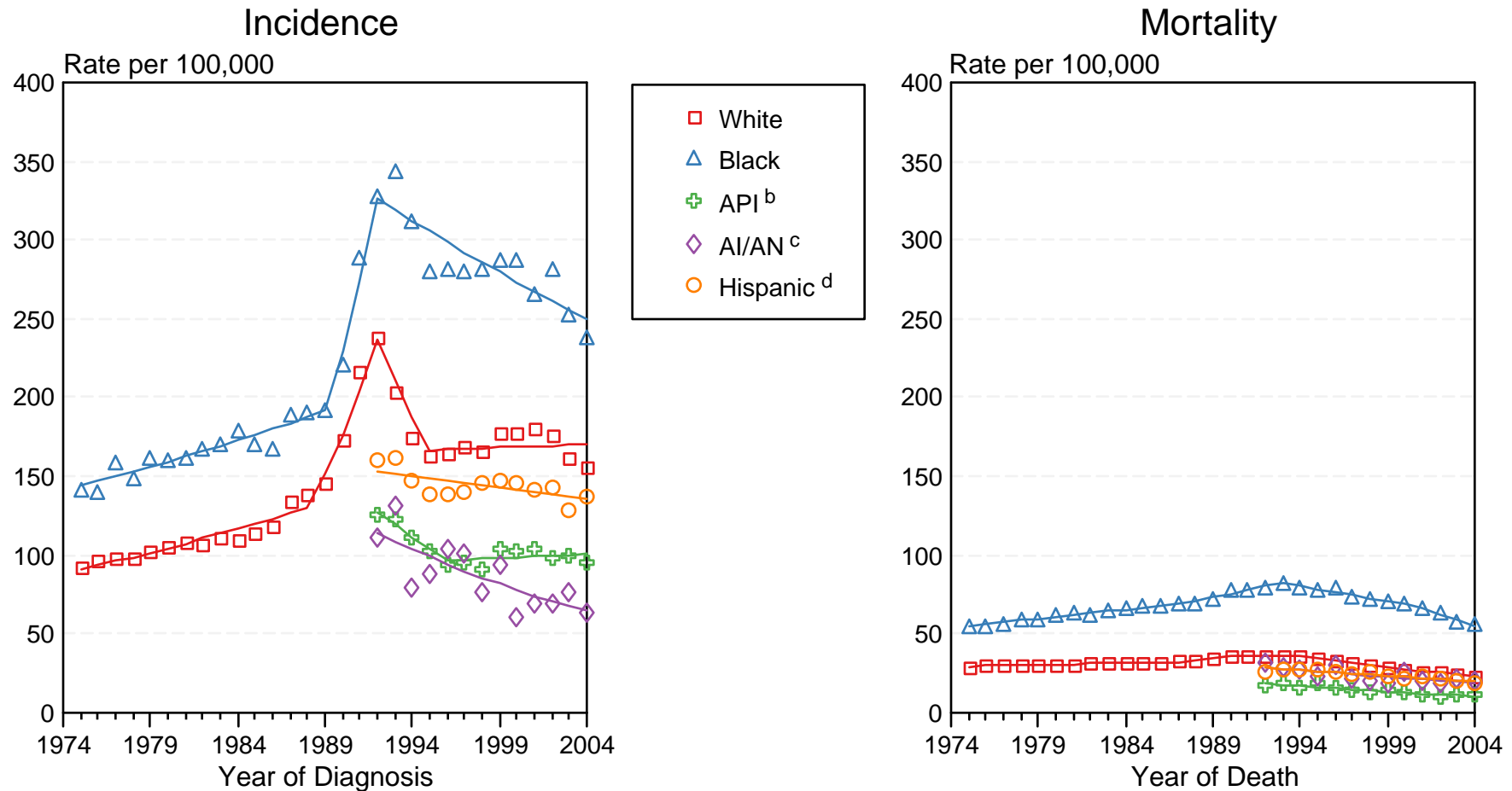


Figure XXIII-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXIV-10
STOMACH CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	8.1	11.4	5.6	-1.5*	-2.1*	-0.8
White	7.1	10.2	4.7	-1.4*	-2.1*	-0.7
White Hispanic ^d	12.6	16.4	9.8	-2.1*	-3.0*	-1.2*
White Non-Hispanic ^d	6.4	9.4	4.1	-1.8*	-2.4*	-1.5
Black	12.5	17.5	9.1	-2.9*	-3.3*	-2.4
Asian/Pacific Islander	14.3	18.9	10.8	-3.0*	-3.1*	-2.5*
Amer Ind/Alaska Nat ^e	11.5	16.3	7.9	-0.2	-	-
Hispanic ^d	12.3	16.0	9.6	-1.9*	-2.7*	-1.0

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.2	5.9	3.0	-3.2*	-3.7*	-2.7*
White	3.7	5.2	2.6	-3.2*	-3.8*	-2.8*
White Hispanic ^d	7.0	9.4	5.3	-2.0*	-2.3*	-1.8*
White Non-Hispanic ^d	3.5	4.9	2.4	-3.7*	-4.2*	-3.3*
Black	8.2	11.9	5.8	-3.3*	-3.6*	-3.2*
Asian/Pacific Islander	8.0	10.5	6.2	-4.6*	-4.3*	-4.6*
Amer Ind/Alaska Nat						
Total U.S.	5.0	6.7	3.7	-2.5*	-1.7	-3.5
CHSDA Counties	7.2	9.6	5.5	-0.6	0.0	-1.2
Non-CHSDA Counties	2.0	2.9	1.4	-7.1*	-	-
Hispanic ^d	6.8	9.1	5.1	-2.1*	-2.4*	-1.8*

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXIV-11
 STOMACH CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	6.7	8.9	5.0	4.6	6.0	3.5	11.0	16.5	7.8
Atlanta	6.7	8.9	5.1	4.6	5.8	3.7	11.5	16.9	8.2
Rural Georgia	6.2	10.4	-	5.1	9.4	-	7.6	-	-
California	8.4	11.6	5.9	7.4	10.3	5.1	11.5	15.8	8.3
Greater Bay Area	8.6	12.0	6.0	7.1	10.1	4.8	12.0	17.3	7.9
San Francisco-Oakland	8.7	12.3	5.9	7.0	10.1	4.6	12.4	17.6	8.3
San Jose-Monterey	8.3	11.2	6.1	7.3	10.1	5.2	8.4	-	-
Los Angeles	10.5	14.1	7.8	9.1	12.3	6.8	11.8	16.2	8.7
Greater California	7.3	10.2	4.9	6.8	9.6	4.5	10.6	14.2	7.9
Connecticut	8.7	12.9	5.6	8.3	12.3	5.3	14.3	23.1	8.8
Detroit	8.7	12.5	6.0	7.7	11.4	5.0	12.8	17.0	9.9
Hawaii	13.2	18.1	9.5	7.0	10.8	3.8	-	-	-
Iowa	5.4	8.1	3.3	5.2	7.8	3.2	10.0	17.4	-
Kentucky	6.0	8.8	3.8	5.7	8.5	3.5	10.4	13.1	8.2
Louisiana	8.4	11.9	5.8	6.2	9.2	4.0	15.0	21.1	11.0
New Jersey	9.1	13.1	6.1	8.4	12.2	5.6	12.8	18.6	9.0
New Mexico	7.3	10.3	5.1	7.0	9.9	4.7	-	-	-
Seattle-Puget Sound	6.9	9.9	4.6	6.2	9.2	3.9	10.3	14.6	7.1
Utah	5.4	7.5	3.7	5.2	7.3	3.5	-	-	-
9 SEER Areas ^b	7.8	11.1	5.3	6.6	9.6	4.3	12.3	17.4	8.9
11 SEER Areas ^b	8.4	11.8	5.9	7.2	10.2	4.9	12.1	17.0	8.8
13 SEER Areas ^b	8.4	11.8	5.9	7.2	10.2	4.9	12.1	16.9	8.7
17 SEER Areas ^b	8.1	11.4	5.6	7.1	10.2	4.7	12.5	17.5	9.1

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXIV-12
STOMACH CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	4.1	5.6	3.0	2.6	3.5	2.0	7.7	11.3	5.4
Atlanta	4.1	5.7	3.0	2.6	3.4	2.0	7.9	11.7	5.6
Rural Georgia	4.1	5.7	-	-	-	-	-	-	-
California	5.1	6.9	3.7	4.5	6.1	3.3	8.2	11.3	5.8
Greater Bay Area	5.1	6.9	3.8	4.1	5.6	3.0	8.8	12.9	5.8
San Francisco-Oakland	5.2	6.9	3.9	4.0	5.4	2.9	9.3	13.4	6.1
San Jose-Monterey	4.9	6.8	3.6	4.3	6.0	3.1	-	-	-
Los Angeles	6.4	8.7	4.8	5.6	7.5	4.3	8.2	11.0	6.1
Greater California	4.4	6.0	3.1	4.1	5.6	2.9	7.6	10.8	5.2
Connecticut	4.8	6.8	3.3	4.5	6.5	3.1	8.4	12.7	5.8
Detroit	4.7	6.2	3.6	3.9	5.2	3.0	7.7	9.9	6.1
Hawaii	7.6	10.6	5.3	3.9	5.9	2.2	-	-	-
Iowa	3.0	4.4	2.0	3.0	4.3	2.0	-	-	-
Kentucky	3.6	5.0	2.5	3.4	4.8	2.4	6.2	8.8	4.2
Louisiana	5.2	7.7	3.5	3.3	4.9	2.1	11.1	16.6	7.6
New Jersey	5.0	7.3	3.4	4.6	6.7	3.2	8.2	12.6	5.4
New Mexico	4.8	6.8	3.3	4.5	6.4	3.0	-	-	-
Seattle-Puget Sound	3.8	5.2	2.8	3.3	4.6	2.3	8.0	12.3	-
Utah	3.1	4.0	2.3	2.9	3.8	2.3	-	-	-
9 SEER Areas ^b	4.4	6.1	3.2	3.7	5.1	2.6	8.0	11.2	5.8
11 SEER Areas ^b	4.9	6.7	3.6	4.1	5.6	3.0	8.0	11.1	5.9
13 SEER Areas ^b	4.9	6.7	3.6	4.1	5.6	3.0	8.0	11.1	5.8
17 SEER Areas ^b	4.7	6.6	3.4	4.1	5.7	2.9	8.5	12.2	6.0
Total U.S.	4.2	5.9	3.0	3.7	5.2	2.6	8.2	11.9	5.8

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Stomach Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

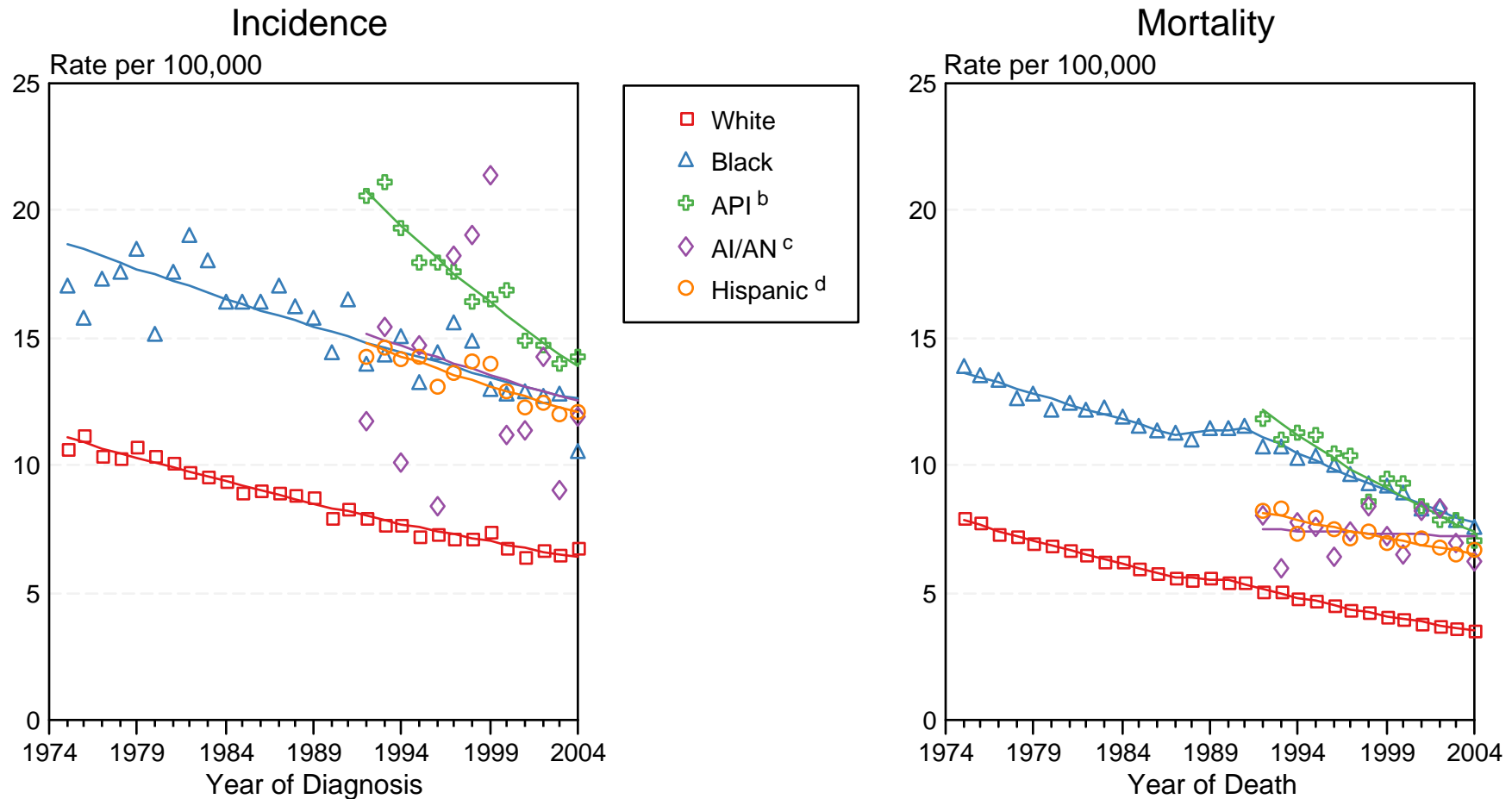


Figure XXIV-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXV-8
TESTIS CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b	Trend 1995-2004 ^c
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	5.3	1.1*
White	6.3	1.5*
White Hispanic ^d	4.0	1.3
White Non-Hispanic ^d	7.3	2.0*
Black	1.4	-1.7
Asian/Pacific Islander	1.7	-0.3
Amer Ind/Alaska Nat ^e	3.8	-
Hispanic ^d	3.8	1.5

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004	Trend 1995-2004
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	0.3	0.1
White	0.3	0.1
White Hispanic ^d	0.3	3.0
White Non-Hispanic ^d	0.3	-0.1
Black	0.2	3.9
Asian/Pacific Islander	0.1	-
Amer Ind/Alaska Nat	-	-
Total U.S.	-	-
CHSDA Counties	-	-
Non-CHSDA Counties	-	-
Hispanic ^d	0.2	3.2

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXV-9
TESTIS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Age

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	4.0	4.9	1.4	5.7	7.3	1.8	1.1	1.4	-
Atlanta	4.0	4.9	1.5	5.8	7.3	1.9	1.1	1.3	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	5.2	6.3	2.1	6.0	7.4	2.4	1.5	1.7	-
Greater Bay Area	5.1	6.3	2.1	6.5	8.0	2.5	2.0	2.3	-
San Francisco-Oakland	5.1	6.3	2.0	6.6	8.1	2.5	2.0	2.3	-
San Jose-Monterey	5.2	6.2	2.3	6.3	7.7	2.6	-	-	-
Los Angeles	4.6	5.7	1.5	5.5	6.9	1.9	1.2	1.4	-
Greater California	5.5	6.6	2.4	6.2	7.5	2.6	1.5	1.7	-
Connecticut	5.9	7.4	1.8	6.5	8.2	1.9	1.9	-	-
Detroit	5.3	6.4	2.5	6.8	8.3	3.0	1.3	1.5	-
Hawaii	4.2	5.5	-	6.4	8.3	-	-	-	-
Iowa	6.6	8.4	2.1	6.8	8.6	2.1	-	-	-
Kentucky	5.0	6.3	1.5	5.3	6.7	1.6	-	-	-
Louisiana	4.6	5.5	2.1	6.1	7.4	2.6	1.5	1.7	-
New Jersey	5.9	7.3	2.2	7.1	8.8	2.5	1.8	2.2	-
New Mexico	5.6	7.1	1.9	6.1	7.7	1.9	-	-	-
Seattle-Puget Sound	6.3	8.0	2.0	7.2	9.2	2.1	-	-	-
Utah	6.9	8.6	2.6	7.3	9.0	2.7	-	-	-
9 SEER Areas ^b	5.6	6.9	2.0	6.7	8.4	2.3	1.3	1.5	-
11 SEER Areas ^b	5.3	6.6	1.9	6.4	7.9	2.2	1.3	1.5	0.7
13 SEER Areas ^b	5.3	6.6	1.9	6.4	7.9	2.2	1.3	1.5	0.7
17 SEER Areas ^b	5.3	6.6	2.1	6.3	7.8	2.3	1.4	1.7	0.7

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta. The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXV-10
TESTIS CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race/Ethnicity and Age

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	-	-	-	-	-	-	-	-	-
Atlanta	-	-	-	-	-	-	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-
Greater Bay Area	0.2	0.3	-	0.3	0.3	-	-	-	-
San Francisco-Oakland	0.2	0.2	-	0.3	-	-	-	-	-
San Jose-Monterey	-	-	-	-	-	-	-	-	-
Los Angeles	0.3	0.3	0.3	0.3	0.3	-	-	-	-
Greater California	0.3	0.3	0.4	0.3	0.3	0.4	-	-	-
Connecticut	0.3	0.3	-	0.3	-	-	-	-	-
Detroit	0.2	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
Iowa	0.3	-	-	0.3	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Louisiana	0.3	0.3	-	0.3	0.4	-	-	-	-
New Jersey	0.2	0.2	-	0.3	0.3	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Seattle-Puget Sound	0.2	-	-	0.2	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
9 SEER Areas ^b	0.2	0.2	0.3	0.2	0.2	0.3	-	-	-
11 SEER Areas ^b	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
13 SEER Areas ^b	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
17 SEER Areas ^b	0.2	0.2	0.3	0.3	0.3	0.3	0.1	-	-
Total U.S.	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.2

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Testis Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

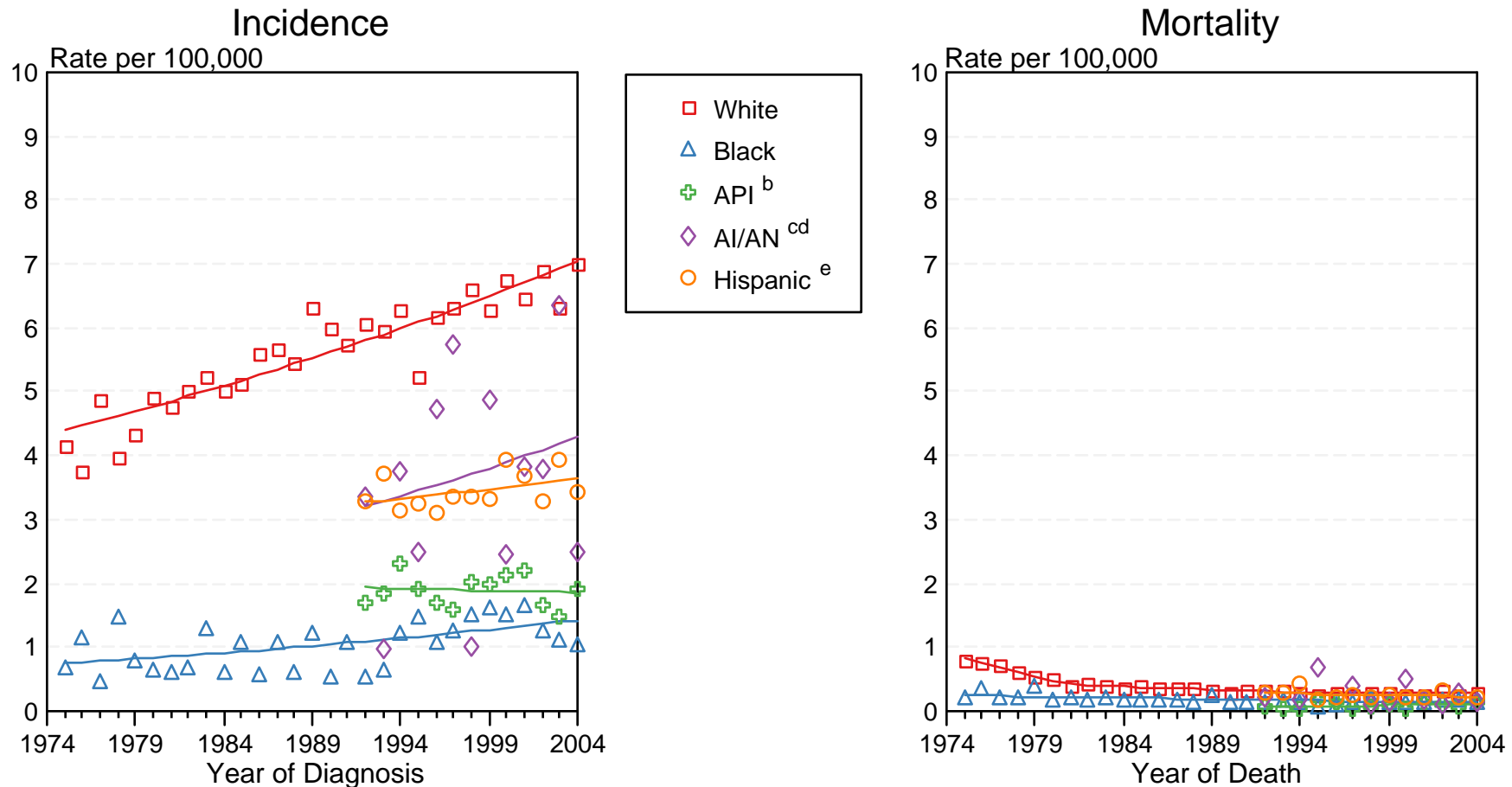


Figure XXV-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXVI-10
THYROID CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	8.5	4.3	12.5	5.3*	4.5*	5.6*
White	8.9	4.6	13.2	5.7*	4.6*	6.1*
White Hispanic ^d	7.7	3.4	11.9	4.2*	4.2*	4.6*
White Non-Hispanic ^d	9.5	5.0	13.9	6.1*	5.0*	6.5*
Black	5.1	2.4	7.3	6.2*	7.5*	5.7*
Asian/Pacific Islander	8.5	3.9	12.6	2.3*	1.5	2.6*
Amer Ind/Alaska Nat ^e	5.3	2.7	7.8	0.5	-	-0.9
Hispanic ^d	7.5	3.3	11.6	4.4*	4.4*	4.8*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.5	0.5	0.5	0.6	1.1	0.4
White	0.5	0.5	0.5	0.7*	1.1	0.5
White Hispanic ^d	0.6	0.5	0.6	-0.6	2.0	-1.8
White Non-Hispanic ^d	0.5	0.5	0.4	0.7*	1.1	0.6
Black	0.5	0.4	0.5	0.2	2.2	-0.3
Asian/Pacific Islander	0.6	0.4	0.7	-3.1	-	-3.6*
Amer Ind/Alaska Nat						
Total U.S.	0.4	-	0.4	-	-	-
CHSDA Counties	0.5	-	0.7	-	-	-
Non-CHSDA Counties	-	-	-	-	-	-
Hispanic ^d	0.6	0.5	0.6	-0.8	2.1	-2.0

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXVI-11
 THYROID CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	7.8	4.2	11.2	9.4	5.2	13.9	4.8	1.9	7.1
Atlanta	7.9	4.3	11.3	9.5	5.4	14.0	4.7	1.8	7.0
Rural Georgia	5.5	-	9.4	5.3	-	9.7	-	-	-
California	7.5	3.9	11.1	7.7	4.0	11.4	4.2	2.1	6.1
Greater Bay Area	6.7	3.4	10.0	6.7	3.5	10.2	3.6	1.9	5.0
San Francisco-Oakland	6.4	3.3	9.5	6.3	3.5	9.4	3.5	-	5.1
San Jose-Monterey	7.2	3.6	11.0	7.4	3.5	11.5	-	-	-
Los Angeles	8.2	4.2	12.0	8.6	4.4	12.7	4.5	2.4	6.2
Greater California	7.5	3.9	11.1	7.6	4.0	11.3	4.2	1.8	6.6
Connecticut	10.6	5.5	15.5	11.1	5.8	16.2	5.4	2.6	7.6
Detroit	8.3	4.7	11.8	9.2	4.9	13.6	5.8	3.9	7.4
Hawaii	9.7	4.4	15.0	7.2	4.2	10.8	-	-	-
Iowa	9.0	4.7	13.3	8.9	4.6	13.1	5.9	-	-
Kentucky	7.6	3.7	11.4	7.7	3.9	11.5	5.8	-	9.9
Louisiana	7.2	3.7	10.4	8.4	4.4	12.5	4.5	1.7	6.7
New Jersey	11.2	5.6	16.4	11.9	6.0	17.6	6.5	3.0	9.2
New Mexico	11.0	5.7	16.2	11.7	6.1	17.2	-	-	-
Seattle-Puget Sound	8.8	4.5	13.2	9.0	4.6	13.4	6.6	-	9.6
Utah	10.7	5.5	16.1	10.9	5.5	16.3	-	-	-
9 SEER Areas ^b	8.8	4.6	13.0	9.3	4.9	13.8	5.2	2.8	7.2
11 SEER Areas ^b	8.6	4.4	12.6	9.0	4.7	13.4	5.0	2.7	6.9
13 SEER Areas ^b	8.5	4.4	12.6	9.0	4.7	13.4	5.0	2.7	7.0
17 SEER Areas ^b	8.5	4.3	12.5	8.9	4.6	13.2	5.1	2.4	7.3

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXVI-12
 THYROID CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	0.4	-	0.5	0.4	-	0.5	-	-	-
Atlanta	0.4	-	0.5	0.4	-	0.4	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.7
Greater Bay Area	0.4	0.4	0.4	0.4	0.4	0.3	-	-	-
San Francisco-Oakland	0.4	0.4	0.4	0.4	0.5	0.4	-	-	-
San Jose-Monterey	0.4	0.4	0.4	0.3	-	-	-	-	-
Los Angeles	0.6	0.6	0.7	0.6	0.6	0.6	0.7	-	0.8
Greater California	0.5	0.4	0.5	0.5	0.5	0.5	-	-	-
Connecticut	0.5	0.5	0.5	0.5	0.5	0.5	-	-	-
Detroit	0.5	0.6	0.4	0.5	0.6	0.5	-	-	-
Hawaii	0.5	0.6	-	-	-	-	-	-	-
Iowa	0.5	0.5	0.4	0.5	0.5	0.4	-	-	-
Kentucky	0.5	0.5	0.5	0.5	0.5	0.5	-	-	-
Louisiana	0.6	0.5	0.7	0.6	0.5	0.7	0.7	-	0.9
New Jersey	0.6	0.6	0.5	0.6	0.6	0.6	0.3	-	-
New Mexico	0.6	0.6	0.6	0.6	0.6	0.6	-	-	-
Seattle-Puget Sound	0.4	0.3	0.5	0.4	0.4	0.5	-	-	-
Utah	0.5	0.6	0.4	0.5	0.5	0.4	-	-	-
9 SEER Areas ^b	0.5	0.5	0.5	0.5	0.5	0.5	0.3	-	0.3
11 SEER Areas ^b	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.5
13 SEER Areas ^b	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5
17 SEER Areas ^b	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
Total U.S.	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Thyroid Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

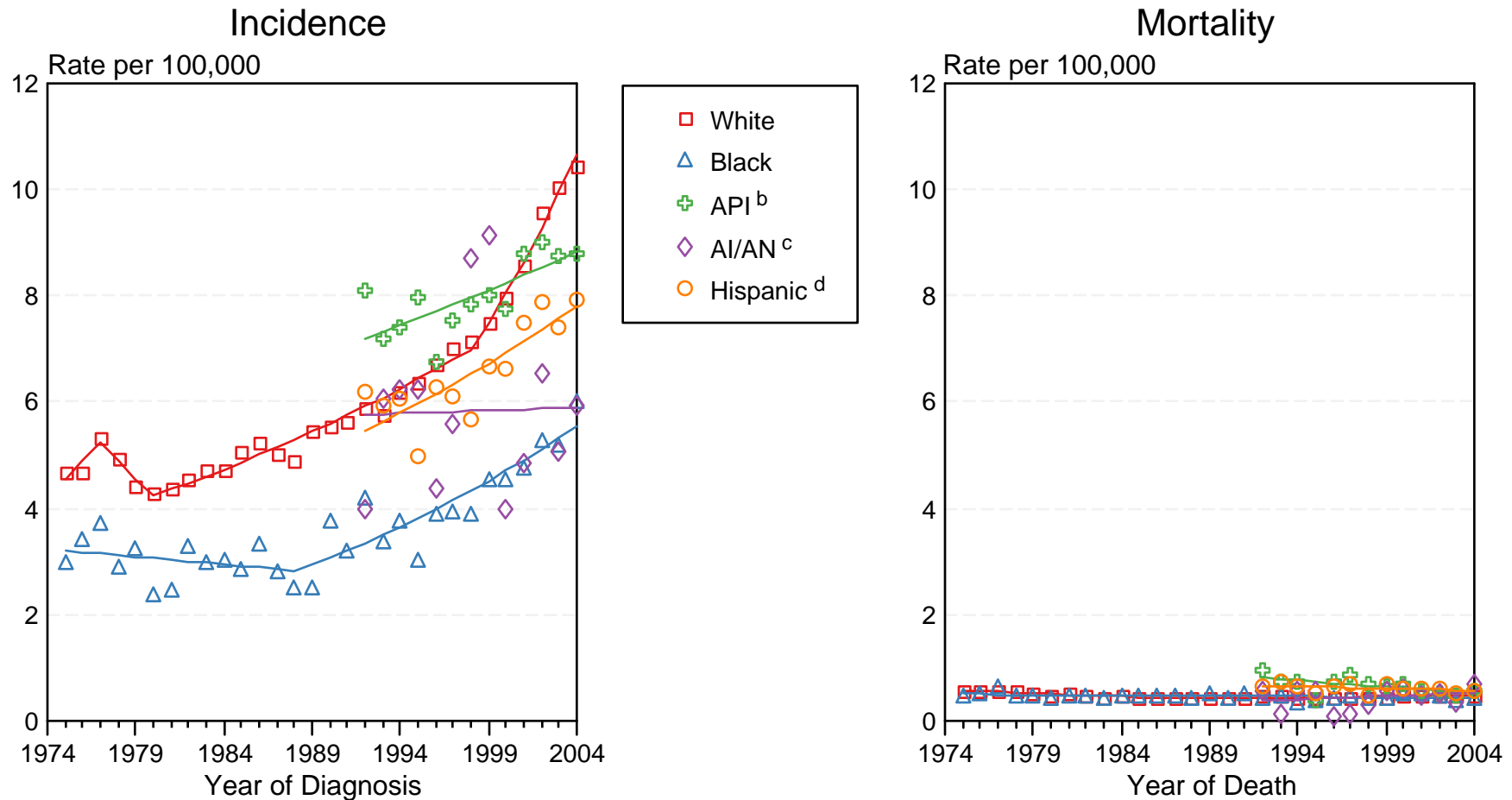


Figure XXVI-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table XXVII-10
URINARY BLADDER CANCER

SEER INCIDENCE (Invasive and *In Situ*) AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
By Race/Ethnicity and Sex

SEER Incidence	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	21.1	37.3	9.4	0.0	0.0	-0.4*
White	23.0	40.5	10.1	0.1	0.1	-0.2
White Hispanic ^d	11.8	20.5	5.6	0.0	0.3	-0.7
White Non-Hispanic ^d	24.6	43.2	10.7	0.3	0.2	0.0
Black	12.6	20.3	7.6	0.7	0.7	0.6
Asian/Pacific Islander	9.2	16.4	3.9	0.2	1.2	-1.4
Amer Ind/Alaska Nat ^e	7.0	11.9	3.2	-	-	-
Hispanic ^d	11.6	20.2	5.5	0.1	0.4	-0.6
U.S. Mortality ^f						
	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	4.3	7.5	2.3	-0.2	-0.4*	-0.5
White	4.5	7.9	2.3	0.0	-0.3	-0.3
White Hispanic ^d	2.5	4.1	1.4	0.4	-1.0	2.6
White Non-Hispanic ^d	4.6	8.1	2.3	0.1	-0.2	-0.3
Black	3.7	5.3	2.8	-1.3*	-1.5*	-1.3*
Asian/Pacific Islander	1.8	2.9	1.0	-0.1	0.8	-1.5
Amer Ind/Alaska Nat						
Total U.S.	1.6	2.5	1.1	1.1	-	-
CHSDA Counties	1.9	3.1	1.1	-	-	-
Non-CHSDA Counties	1.3	1.6	1.1	-	-	-
Hispanic ^d	2.4	3.9	1.4	0.2	-1.2	2.5

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- d Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XXVII-11
URINARY BLADDER CANCER

AGE-ADJUSTED SEER INCIDENCE RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	17.3	30.8	8.3	20.0	35.8	9.0	11.0	17.3	7.1
Atlanta	17.5	30.8	8.6	20.1	35.6	9.3	11.5	17.6	7.7
Rural Georgia	15.1	31.4	-	19.2	38.9	-	-	-	-
California	19.5	34.6	8.4	21.3	37.7	9.1	13.2	21.5	7.4
Greater Bay Area	18.5	32.5	8.4	21.7	37.8	9.9	11.7	19.3	6.7
San Francisco-Oakland	18.4	32.1	8.4	21.9	37.9	10.1	11.1	17.8	6.8
San Jose-Monterey	18.9	33.5	8.3	21.4	37.8	9.5	17.7	34.4	-
Los Angeles	18.2	32.6	7.8	20.2	36.6	8.4	13.9	23.2	7.8
Greater California	20.5	36.2	8.7	21.6	38.1	9.1	13.3	20.5	7.5
Connecticut	25.5	44.5	12.0	26.5	46.1	12.4	12.6	18.4	8.6
Detroit	24.1	43.4	10.7	27.2	49.3	11.6	13.0	20.7	8.1
Hawaii	13.8	24.5	5.5	24.0	40.2	10.2	-	-	-
Iowa	22.4	39.3	9.9	22.1	38.9	9.8	10.0	-	-
Kentucky	21.4	38.0	9.8	21.8	38.7	9.8	14.4	22.7	8.6
Louisiana	19.4	35.3	8.5	22.1	40.3	9.2	11.5	19.3	6.4
New Jersey	26.1	45.7	12.4	28.1	49.0	13.1	13.1	19.9	8.7
New Mexico	16.5	28.7	7.1	17.6	30.5	7.6	-	-	-
Seattle-Puget Sound	24.6	43.2	10.6	25.9	45.4	11.1	15.3	22.3	9.0
Utah	16.6	29.4	6.5	16.8	29.8	6.7	-	-	-
9 SEER Areas ^b	21.2	37.2	9.4	23.3	40.9	10.3	12.3	19.3	7.8
11 SEER Areas ^b	20.3	36.0	9.0	22.5	39.8	9.8	12.8	20.5	7.7
13 SEER Areas ^b	20.3	35.9	9.0	22.5	39.8	9.8	12.7	20.5	7.6
17 SEER Areas ^b	21.1	37.3	9.4	23.0	40.5	10.1	12.6	20.3	7.6

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XXVII-12
URINARY BLADDER CANCER

AGE-ADJUSTED SEER DEATH RATES^a
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	3.9	6.5	2.4	3.9	6.9	2.1	4.3	6.0	3.4
Atlanta	4.0	6.7	2.5	3.9	7.0	2.2	4.6	6.6	3.6
Rural Georgia	2.5	-	-	-	-	-	-	-	-
California	4.0	6.9	2.1	4.4	7.5	2.2	4.0	5.7	2.9
Greater Bay Area	3.7	6.4	1.9	4.2	7.3	2.1	4.3	6.1	3.2
San Francisco-Oakland	3.9	6.7	2.2	4.4	7.6	2.3	4.6	6.3	3.5
San Jose-Monterey	3.2	6.0	1.3	3.7	6.8	1.6	-	-	-
Los Angeles	3.7	6.2	2.0	4.0	7.0	2.1	3.9	6.0	2.6
Greater California	4.3	7.3	2.2	4.5	7.8	2.3	4.1	5.1	3.4
Connecticut	4.5	8.1	2.2	4.7	8.3	2.3	3.1	6.2	-
Detroit	4.1	7.5	2.0	4.3	8.0	1.8	3.8	5.7	2.7
Hawaii	2.6	4.2	1.5	3.3	5.3	2.0	-	-	-
Iowa	3.9	6.8	2.2	4.0	6.9	2.2	-	-	-
Kentucky	4.6	8.0	2.6	4.6	8.0	2.5	4.8	7.8	3.4
Louisiana	3.8	6.5	2.2	3.9	6.8	2.0	3.7	5.8	2.5
New Jersey	4.8	8.2	2.7	5.0	8.7	2.7	3.8	4.9	3.1
New Mexico	3.9	6.0	2.3	4.1	6.3	2.5	-	-	-
Seattle-Puget Sound	4.5	7.8	2.3	4.7	8.1	2.3	4.1	-	-
Utah	3.3	6.2	1.3	3.4	6.2	1.4	-	-	-
9 SEER Areas ^b	4.0	7.0	2.1	4.3	7.4	2.2	4.0	5.7	2.9
11 SEER Areas ^b	3.9	6.7	2.0	4.2	7.3	2.1	3.9	5.7	2.8
13 SEER Areas ^b	3.9	6.8	2.0	4.2	7.3	2.1	3.9	5.7	2.8
17 SEER Areas ^b	4.2	7.1	2.2	4.4	7.6	2.3	3.9	5.6	2.9
Total U.S.	4.3	7.5	2.3	4.5	7.9	2.3	3.7	5.3	2.8

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

SEER Incidence and US Death Rates^a Urinary Bladder Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

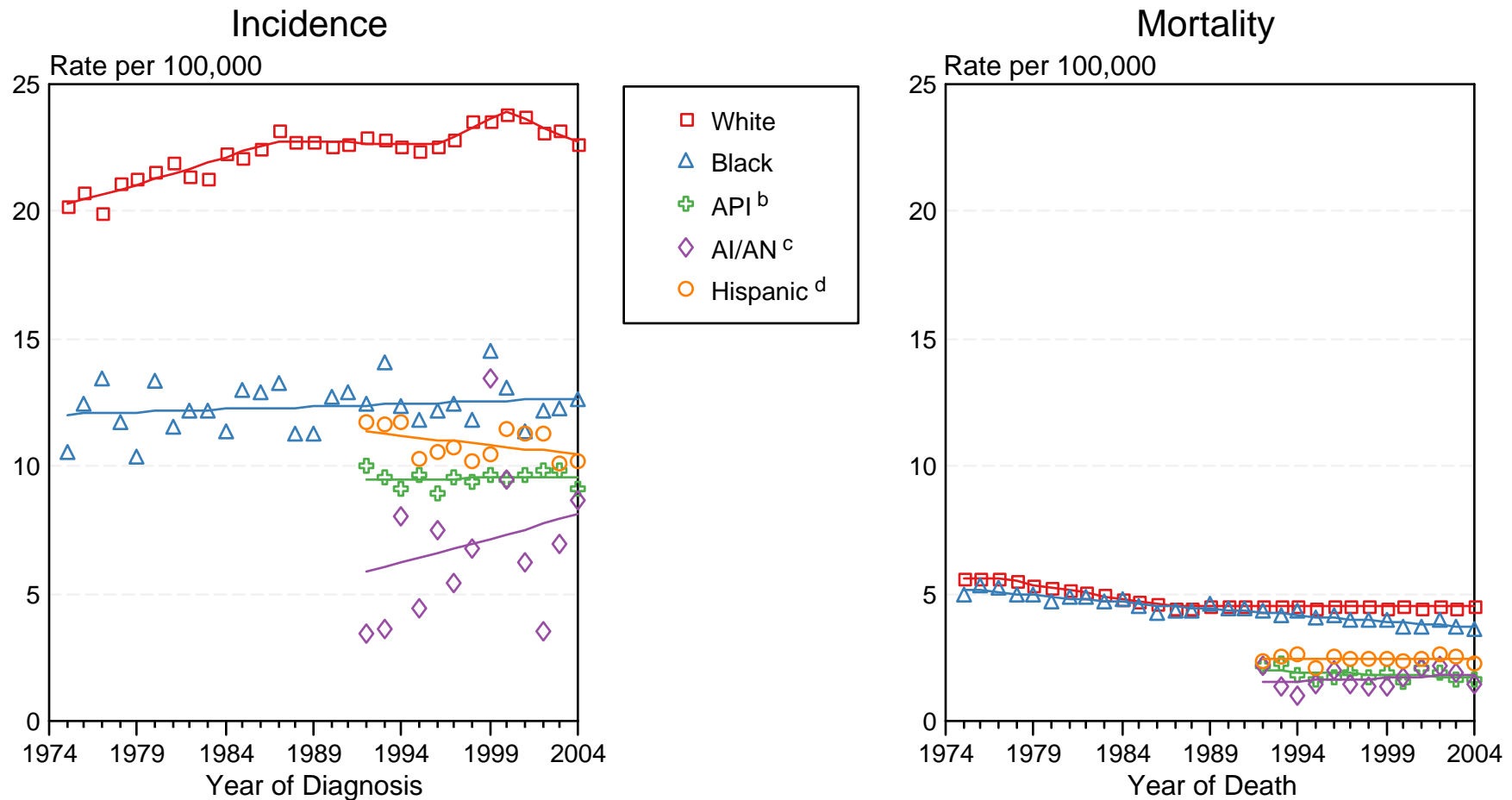


Figure XXVII-2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

SEER Incidence and US Death Rates^a All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004

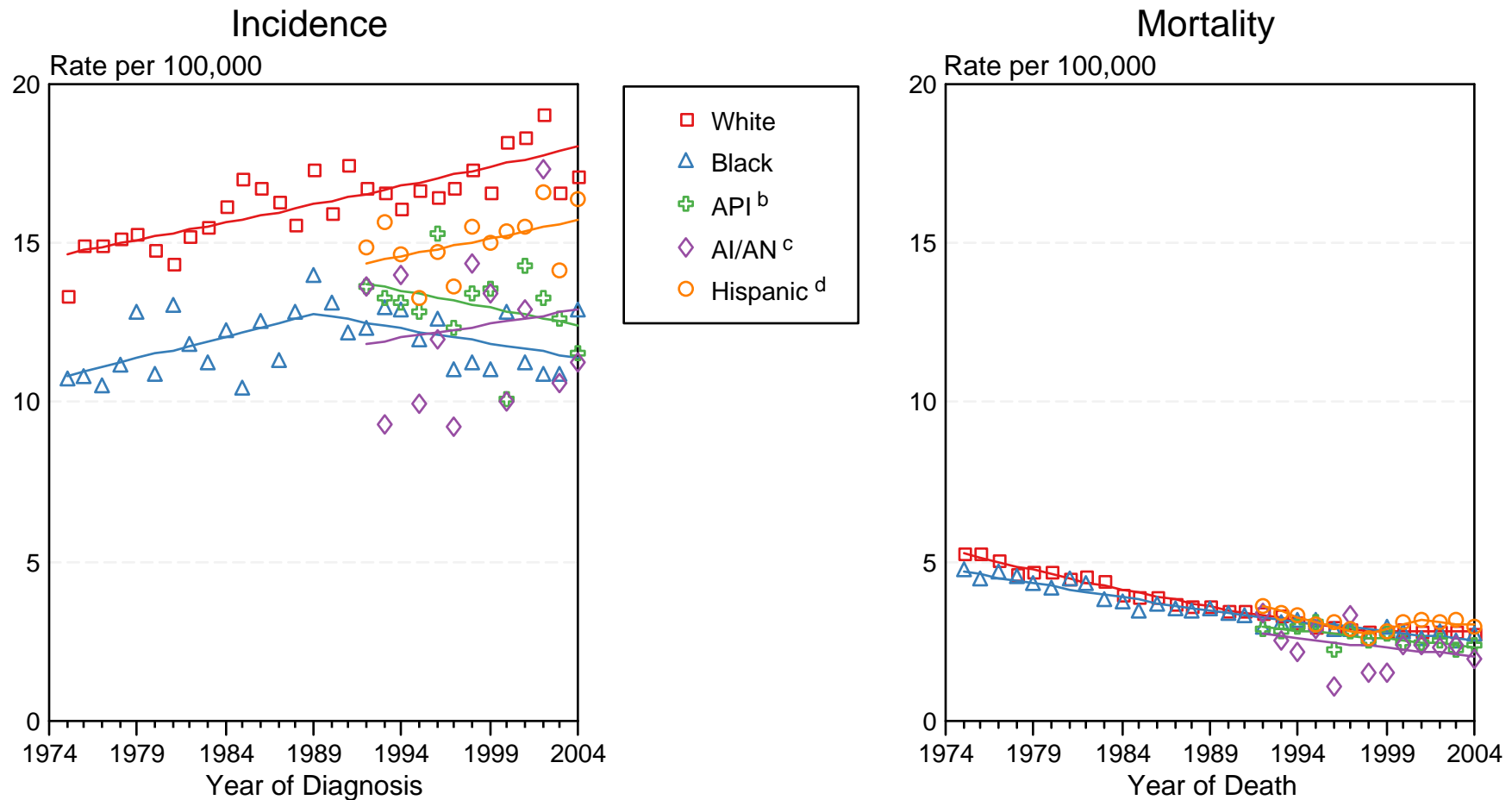


Figure XXVIII-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a 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 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.