

Table I-16
 US AND SEER DEATH RATES BY PRIMARY CANCER SITE AND RACE/ETHNICITY, 2000-2003

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	194.5	192.4	241.7	127.0	117.0	131.0	196.3	188.3	189.1	243.1	119.6	124.5	130.0	195.3
	Male	241.5	237.3	326.8	150.0	143.3	165.1	241.7	229.8	229.2	320.3	142.3	153.6	160.1	236.1
	Female	163.5	162.8	191.1	111.1	98.0	108.1	166.3	161.0	162.8	196.1	103.6	103.3	109.8	168.5
Oral Cavity & Pharynx	Both Sexes	2.7	2.5	3.9	2.2	2.4	1.7	2.6	2.7	2.6	3.9	2.6	2.6	1.6	2.7
	Male	4.1	3.8	6.8	3.2	3.6	2.8	3.9	4.1	3.8	6.6	3.4	3.9	2.6	4.0
	Female	1.5	1.5	1.7	1.4	1.4	0.8	1.5	1.6	1.6	1.9	2.0	1.5	0.9	1.7
Esophagus	Both Sexes	4.4	4.3	6.1	2.9	1.8	2.4	4.4	4.1	4.2	5.3	3.3	2.0	2.3	4.4
	Male	7.8	7.7	10.5	5.0	3.0	4.2	7.9	7.3	7.5	9.2	5.9	3.3	4.2	7.8
	Female	1.8	1.7	3.0	1.2	0.8	1.0	1.7	1.7	1.7	2.6	-	0.9	0.9	1.7
Stomach	Both Sexes	4.3	3.8	8.4	5.1	8.3	6.8	3.5	4.8	4.2	8.7	6.0	8.7	7.3	3.7
	Male	6.0	5.3	12.1	6.8	10.8	9.1	5.0	6.7	5.8	12.5	8.9	11.4	9.9	5.3
	Female	3.1	2.7	6.0	3.9	6.5	5.1	2.4	3.5	3.0	6.2	4.2	6.6	5.5	2.6
Colon & Rectum	Both Sexes	19.8	19.3	27.3	13.0	12.6	13.8	19.6	19.1	18.8	27.6	12.5	13.5	13.0	19.3
	Male	24.0	23.4	33.4	15.6	15.4	17.3	23.8	22.9	22.6	32.8	15.8	16.8	16.4	23.1
	Female	16.8	16.2	23.4	11.0	10.5	11.3	16.5	16.3	15.9	24.1	10.3	11.0	10.5	16.4
Liver & Intrahepatic Bile Duct	Both Sexes	4.8	4.4	6.3	5.9	10.7	7.6	4.2	5.4	4.7	6.7	6.6	10.8	7.6	4.3
	Male	7.1	6.4	9.8	8.1	15.6	10.7	6.1	7.8	6.8	10.6	8.6	15.7	10.6	6.3
	Female	3.0	2.8	3.8	3.9	6.8	5.0	2.6	3.4	3.0	3.8	4.9	6.8	5.2	2.8
Pancreas	Both Sexes	10.5	10.3	13.8	6.0	7.2	8.3	10.4	10.5	10.4	14.0	6.0	7.7	8.3	10.7
	Male	12.1	12.0	15.4	6.1	7.7	9.0	12.2	11.9	12.0	15.1	6.1	8.3	8.5	12.3
	Female	9.2	9.0	12.5	5.8	6.9	7.6	9.1	9.4	9.2	13.0	5.9	7.2	8.0	9.3
Larynx	Both Sexes	1.3	1.2	2.6	1.0	0.4	0.9	1.3	1.2	1.1	2.7	1.0	0.4	0.8	1.2
	Male	2.4	2.2	5.1	1.7	0.8	1.9	2.3	2.2	2.1	5.5	1.7	0.9	1.7	2.1
	Female	0.5	0.5	0.9	0.5	0.1	0.2	0.5	0.5	0.5	0.8	-	-	0.2	0.5
Lung & Bronchus	Both Sexes	55.1	55.3	62.5	33.1	27.2	23.9	57.7	51.0	51.9	63.6	27.4	29.1	22.5	55.4
	Male	74.2	73.4	97.2	41.4	38.6	36.6	76.2	66.9	66.8	95.2	34.9	41.9	33.2	70.5
	Female	41.2	42.2	39.8	26.8	18.6	14.7	44.3	39.6	41.3	42.7	21.8	19.4	14.9	44.5
Melanoma of the Skin	Both Sexes	2.6	3.0	0.4	0.8	0.4	0.8	3.2	2.5	3.0	0.4	-	0.4	0.8	3.3
	Male	3.8	4.3	0.5	0.9	0.5	1.0	4.6	3.7	4.3	0.5	-	0.5	0.9	4.8
	Female	1.8	2.0	0.4	0.6	0.3	0.6	2.1	1.6	1.9	0.4	-	0.3	0.6	2.1
Breast	Female	25.8	25.3	34.3	13.4	12.6	16.2	25.8	25.7	25.7	35.1	12.2	13.9	15.8	26.8

- ^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 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 American Indian/Alaska Native.
- ^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-16 - continued
 US AND SEER DEATH RATES BY PRIMARY CANCER SITE AND RACE/ETHNICITY, 2000-2003

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
Cervix	Female	2.6	2.4	5.0	2.8	2.5	3.4	2.3	2.5	2.3	4.4	2.0	2.6	3.4	2.1
Corpus & Uterus, NOS	Female	4.1	3.9	7.1	2.3	2.4	3.2	3.9	4.1	4.0	7.0	2.2	2.7	3.1	4.0
Ovary	Female	8.9	9.3	7.4	5.5	4.9	6.1	9.5	9.1	9.7	7.6	6.2	5.3	6.7	10.0
Prostate	Male	28.5	26.2	64.0	18.1	11.3	21.8	26.2	27.4	26.3	59.1	15.3	12.2	21.6	26.7
Testis	Male	0.3	0.3	0.2	-	0.1	0.2	0.3	0.2	0.3	0.2	-	-	0.2	0.3
Urinary Bladder	Both Sexes	4.3	4.5	3.8	1.8	1.8	2.4	4.6	4.1	4.4	3.9	1.7	1.9	2.4	4.6
	Male	7.5	7.8	5.4	2.6	2.9	4.1	8.0	7.1	7.6	5.7	2.3	3.1	3.9	8.0
	Female	2.3	2.3	2.8	1.2	1.0	1.4	2.3	2.2	2.3	2.9	-	1.0	1.5	2.3
Kidney & Renal Pelvis	Both Sexes	4.2	4.3	4.1	4.7	1.8	3.6	4.3	4.1	4.2	4.1	3.8	2.0	3.6	4.3
	Male	6.1	6.2	6.2	6.4	2.6	5.3	6.3	5.9	6.2	6.3	5.5	3.0	5.0	6.3
	Female	2.8	2.8	2.8	3.2	1.2	2.4	2.8	2.6	2.7	2.7	2.4	1.2	2.5	2.8
Brain & Nervous System	Both Sexes	4.5	4.8	2.6	2.0	1.9	2.9	4.9	4.4	4.8	2.6	1.8	2.1	2.9	5.1
	Male	5.5	5.8	3.3	2.5	2.5	3.5	6.0	5.4	5.9	3.1	2.5	2.6	3.4	6.3
	Female	3.6	3.9	2.2	1.6	1.5	2.4	4.0	3.5	3.9	2.3	1.3	1.6	2.6	4.1
Thyroid	Both Sexes	0.5	0.5	0.5	0.3	0.6	0.6	0.5	0.5	0.5	0.5	-	0.6	0.7	0.5
	Male	0.5	0.5	0.4	-	0.4	0.5	0.5	0.5	0.5	0.4	-	0.4	0.6	0.5
	Female	0.5	0.5	0.5	-	0.7	0.6	0.4	0.5	0.5	0.6	-	0.8	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	7.7	8.1	5.3	4.4	4.8	5.9	8.2	7.6	8.0	5.4	4.6	5.3	5.8	8.2
	Male	9.8	10.1	6.6	4.8	5.9	7.1	10.3	9.7	10.2	6.9	5.0	6.5	7.2	10.4
	Female	6.3	6.5	4.3	4.0	4.0	4.9	6.6	6.1	6.4	4.2	4.1	4.4	4.7	6.5
Myeloma	Both Sexes	3.8	3.5	7.2	2.9	1.6	3.2	3.5	3.7	3.6	7.3	2.9	1.7	3.4	3.6
	Male	4.7	4.4	8.5	3.0	1.8	3.8	4.4	4.6	4.5	8.9	2.7	2.0	4.0	4.5
	Female	3.2	2.9	6.3	3.0	1.5	2.7	2.9	3.1	2.9	6.3	3.2	1.5	3.0	2.9
Leukemia	Both Sexes	7.5	7.8	6.7	3.9	3.9	5.2	7.8	7.4	7.7	7.0	3.0	4.1	5.1	7.8
	Male	10.1	10.4	8.7	4.4	4.9	6.5	10.5	9.8	10.3	9.3	3.8	5.1	6.5	10.5
	Female	5.8	5.9	5.3	3.5	3.1	4.2	5.9	5.6	5.9	5.6	2.3	3.3	4.1	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 American Indian/Alaska Native.
- ^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-19
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 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	471.3	-0.4	478.4	-0.3	504.4	-0.9*
Prostate ^f	74.8	0.5	72.4	-0.4	106.6	-0.9
Breast	70.4	-0.5	72.4	0.7	76.9	-1.3*
Lung and Bronchus	64.8	-1.2*	66.0	-1.1*	67.9	-0.4
Colon and Rectum	52.4	-1.0*	52.0	-1.1*	62.8	-0.3
Urinary Bladder	20.9	0.0	22.8	0.2	14.9	-2.0*
Non-Hodgkin Lymphoma	19.1	-0.1	21.1	2.1*	14.3	-0.1
Melanoma of the Skin	18.2	1.6*	19.9	-0.1	14.1	1.1
Corpus and Uterus, NOS ^f	12.6	-0.9*	13.1	-1.0*	12.8	-2.3*
Kidney and Renal Pelvis	12.6	1.9*	13.0	2.2*	12.4	0.7
Leukemia	12.2	-0.9*	12.7	-0.9*	11.3	1.2
Pancreas	11.3	-0.2	11.1	0.1	11.1	-2.9*
Oral Cavity and Pharynx	10.5	-1.5*	10.5	-1.3*	10.9	-1.5*
Thyroid	8.2	5.0*	8.6	5.4*	10.1	-0.5
Stomach	8.1	-1.5*	7.8	-1.0*	7.2	3.5*
Ovary ^{fh}	7.4	-1.0*	7.1	-1.5*	6.4	-4.5*

	Asian/Pacific Islander		American Indian/Alaska Native		Hispanic ^e	
	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^d 1999-2002	APC ^d 1994-2002	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	315.6	-0.6*	325.8	-1.4	353.1	-0.7
Breast	48.5	0.9	46.5	-1.4	60.9	-0.2
Colon and Rectum	42.4	-0.7	43.1	-3.9*	48.1	-0.5
Prostate ^f	41.8	-0.7	40.0	-3.0	39.0	-0.7
Lung and Bronchus	39.6	-0.8*	30.7	-3.4	32.6	-1.9*
Stomach	14.4	-3.2*	16.2	4.7	16.1	-0.8*
Liver & IBD ^g	13.8	0.1	14.9	-2.0	12.3	-1.9*
Non-Hodgkin Lymphoma	13.2	-0.1	12.4	3.3	12.1	2.7*
Urinary Bladder	9.3	0.6	10.8	1.5	11.5	-0.2
Pancreas	8.9	-0.9	9.9	-0.8	10.3	-1.1
Corpus and Uterus, NOS ^f	8.6	0.4	8.4	-	9.5	-2.2*
Thyroid	8.4	2.3*	8.2	-8.4*	9.5	1.3
Oral Cavity and Pharynx	7.9	-1.7	7.2	-	9.2	-0.5
Leukemia	7.3	-1.4*	7.1	-0.2	7.3	-3.7*
Kidney and Renal Pelvis	6.3	1.4	7.1	2.0	7.2	4.1*
Ovary ^{fh}	5.3	0.2	6.4	1.3	6.2	-0.2

- 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 2000-2003 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 Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry for the time period 1994-2002.

^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 Hawaii, Seattle, 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-20
AGE-ADJUSTED SEER INCIDENCE 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
	2000-2003	1994-2003		2000-2003	1994-2003		2000-2003	1994-2003
All Sites	558.1	-0.7*	All Sites	558.3	-0.6*	All Sites	666.4	-1.5*
Prostate	170.3	0.0	Prostate	163.4	0.1	Prostate	258.3	-1.3*
Lung and Bronchus	82.1	-2.0*	Lung and Bronchus	81.7	-2.0*	Lung and Bronchus	112.2	-2.4*
Colon and Rectum	61.7	-1.3*	Colon and Rectum	61.4	-1.5*	Colon and Rectum	72.9	-0.1
Urinary Bladder	37.0	0.0	Urinary Bladder	40.2	0.1	Kidney and Renal Pelvis	20.1	1.4
Melanoma of the Skin	23.2	1.6*	Melanoma of the Skin	26.5	1.9*	Urinary Bladder	19.8	0.7
Non-Hodgkin Lymphoma	23.0	-0.8*	Non-Hodgkin Lymphoma	23.8	-0.7*	Oral Cavity and Pharynx	18.0	-3.5*
Kidney and Renal Pelvis	17.5	1.7*	Kidney and Renal Pelvis	18.0	1.9*	Stomach	17.7	-3.3*
Leukemia	15.9	-1.0*	Leukemia	16.5	-1.0*	Non-Hodgkin Lymphoma	17.6	-1.9*
Oral Cavity and Pharynx	15.6	-1.7*	Oral Cavity and Pharynx	15.7	-1.3*	Pancreas	16.2	-2.7*
Pancreas	12.8	-0.5*	Pancreas	12.7	0.1	Myeloma	13.7	0.1
Stomach	11.5	-2.3*	Stomach	10.2	-2.3*	Leukemia	12.9	-0.8
Liver & IBD ^f	9.3	2.6*	Brain and ONS ^f	8.3	0.0	Liver & IBD ^f	12.1	4.5*
Esophagus	7.8	0.3	Esophagus	7.8	1.4*	Larynx	11.7	-3.6*
Brain and ONS ^f	7.6	-0.3	Liver & IBD ^f	7.8	2.5*	Esophagus	10.8	-4.5*
Myeloma	6.9	-0.2	Larynx	6.6	-3.6*	Brain and ONS ^f	4.9	-0.8
Asian/Pacific Islander			American Indian/Alaska Native			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^d	APC ^d		Rate ^b	APC ^c
	2000-2003	1994-2003		1999-2002	1994-2002		2000-2003	1994-2003
All Sites	361.8	-0.9*	All Sites	359.9	-1.9	All Sites	419.1	-1.1*
Prostate	96.8	-0.4	Prostate	70.7	-3.5	Prostate	141.1	-0.7
Lung and Bronchus	55.7	-1.0*	Lung and Bronchus	55.5	-5.2*	Colon and Rectum	47.3	-0.8
Colon and Rectum	51.2	-0.9*	Colon and Rectum	52.7	-2.4	Lung and Bronchus	44.7	-2.2*
Liver & IBD ^f	20.9	0.4	Stomach	21.6	-	Urinary Bladder	19.9	0.0
Stomach	18.9	-3.2*	Kidney and Renal Pelvis	20.9	0.5	Non-Hodgkin Lymphoma	18.9	-1.1
Urinary Bladder	16.4	1.5*	Non-Hodgkin Lymphoma	15.0	-	Kidney and Renal Pelvis	16.0	3.2*
Non-Hodgkin Lymphoma	15.7	-0.8	Liver & IBD ^f	14.5	-	Stomach	15.9	-3.4*
Oral Cavity and Pharynx	11.0	-2.2	Urinary Bladder	12.5	-	Liver & IBD ^f	14.1	0.7
Pancreas	9.9	-3.0*	Oral Cavity and Pharynx	11.4	-	Leukemia	11.7	-1.8
Leukemia	9.2	-1.0	Pancreas	10.8	-	Pancreas	10.8	-1.9
Kidney and Renal Pelvis	8.8	1.3	Esophagus	9.5	-	Oral Cavity and Pharynx	9.2	-3.9*
Esophagus	4.0	-3.1*	Leukemia	8.6	-	Myeloma	6.8	-0.5
Brain and ONS ^f	4.0	-0.6	Myeloma	6.2	-	Brain and ONS ^f	5.9	1.2
Thyroid	3.8	1.6	Brain and ONS ^f	4.7	-	Larynx	5.3	-1.8
Myeloma	3.7	-2.5	Testis	3.7	-	Esophagus	5.2	-1.6

- 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 2000-2003 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 Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry for the time period 1994-2002.

^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 Hawaii, Seattle, 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-21
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES^a BY RACE/ETHNICITY

	Females						
	All Races		White			Black	
	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	
All Sites	412.0	-0.2	424.6	-0.1	395.4	-0.4	
Breast	129.1	-0.3	134.0	-0.2	118.0	-0.4	
Lung and Bronchus	52.3	-0.3	54.7	-0.2	56.1	-0.4	
Colon and Rectum	45.3	-0.8*	44.7	-0.8*	53.1	0.3	
Corpus and Uterus, NOS	23.3	-0.6*	24.3	-0.7*	19.5	1.4	
Non-Hodgkin Lymphoma	16.1	0.8*	17.3	2.3*	13.7	-1.4	
Melanoma of the Skin	14.7	1.7*	16.8	0.8*	11.7	2.5*	
Ovary ^g	13.7	-0.9*	14.5	-0.8*	11.5	-4.4*	
Thyroid	12.1	5.3*	12.7	5.7*	10.1	-0.7	
Pancreas	10.0	-0.1	10.0	-0.1	9.7	0.8	
Leukemia	9.4	-1.0*	9.8	0.0	9.3	-1.1	
Urinary Bladder	9.3	-0.3	9.8	-1.0	9.1	-3.1*	
Cervix Uteri	8.8	-3.1*	9.0	2.2*	8.0	-0.4	
Kidney and Renal Pelvis	8.7	1.9*	8.5	-2.4*	7.4	0.8	
Oral Cavity and Pharynx	6.1	-1.6*	6.1	-1.7*	7.1	5.4*	
Stomach	5.6	-0.7	5.9	0.0	5.8	-1.3	
	Asian/Pacific Islander		American Indian/Alaska Native		Hispanic ^e		
	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^d 1999-2002	APC ^d 1994-2002	Rate ^b 2000-2003	APC ^c 1994-2003	
All Sites	285.4	-0.1	305.0	-0.8	310.9	-0.4	
Breast	88.6	0.8	74.4	-2.9	89.1	-0.4	
Colon and Rectum	35.7	-0.3	41.9	-0.4	32.7	-0.8	
Lung and Bronchus	27.3	-0.2	33.8	-1.6	24.0	-1.5*	
Corpus and Uterus, NOS	15.8	0.4	15.6	-	17.0	-0.2	
Thyroid	12.5	2.5*	13.1	-0.1	14.2	-3.5*	
Non-Hodgkin Lymphoma	11.3	0.9	12.3	-	13.9	-0.2	
Stomach	11.0	-3.0*	10.8	-	11.4	0.0	
Ovary ^g	9.7	0.1	10.1	-	11.2	4.0*	
Cervix Uteri	8.2	-6.3*	10.0	4.8	9.9	-0.8	
Pancreas	8.1	1.1	10.0	-	9.6	-0.2	
Liver & IBD ^f	8.0	-0.1	7.2	-	9.0	1.6	
Leukemia	5.9	-1.7	6.5	-	7.8	-2.4	
Oral Cavity and Pharynx	5.4	-0.6	6.3	-	5.6	1.8	
Kidney and Renal Pelvis	4.4	1.8*	6.2	-	5.5	-0.9	
Urinary Bladder	3.9	-0.5	5.7	-	4.8	0.1	

- 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 2000-2003 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 Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry for the time period 1994-2002.

^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 Hawaii, Seattle, 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-22
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 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	194.5	-1.1*	192.4	-1.0*	241.7	-1.6*		
Lung and Bronchus	55.1	-0.9*	55.3	-0.7*	62.5	-1.6*		
Colon and Rectum	19.8	-1.9*	19.3	-2.0*	27.3	-1.0*		
Breast	14.6	-2.5*	14.3	-2.6*	22.4	-3.2*		
Prostate ^e	10.7	-3.5*	10.3	0.2	20.4	-1.4*		
Pancreas	10.5	0.0	9.8	-3.5*	13.8	-0.8*		
Non-Hodgkin Lymphoma	7.7	-1.9*	8.1	-1.9*	8.4	-3.0*		
Leukemia	7.5	-0.6*	7.8	-0.5*	7.2	-1.2*		
Ovary ^e	5.1	-0.5*	5.2	-0.5	6.7	-1.2*		
Liver & IBD ^f	4.8	1.8*	4.8	-0.9*	6.3	1.1*		
Brain and ONS ^f	4.5	-1.0*	4.5	-0.1	6.1	-4.3*		
Esophagus	4.4	0.4*	4.4	1.8*	5.3	-1.7*		
Urinary Bladder	4.3	-0.3*	4.3	1.4*	4.4	-0.4		
Stomach	4.3	-3.1*	4.3	-0.2	4.3	0.4		
Kidney and Renal Pelvis	4.2	-0.3	3.8	-3.2*	4.1	-0.5		
Myeloma	3.8	-0.7*	3.5	-0.6*	3.9	-4.2*		
	Asian/Pacific Islander		American Indian/Alaska Native			Hispanic ^d		
	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	117.0	-1.8*	127.0	-1.4*	131.0	-0.9*		
Lung and Bronchus	27.2	-1.3*	33.1	-2.0*	23.9	-1.3*		
Colon and Rectum	12.6	-1.7*	13.0	-1.9	13.8	-0.5*		
Liver & IBD ^f	10.7	-0.5	7.5	-2.0	9.0	-2.3*		
Stomach	8.3	-4.2*	7.1	-3.9*	8.5	-2.9*		
Pancreas	7.2	-1.1*	6.0	-0.7	8.3	0.1		
Breast	7.0	-0.8	5.9	1.0	7.6	2.0*		
Non-Hodgkin Lymphoma	4.8	-1.9*	5.1	-1.6	6.8	-1.8*		
Prostate ^e	4.6	-6.1*	4.7	0.1	5.9	-2.1*		
Leukemia	3.9	-2.3*	4.4	-1.9	5.2	-0.6		
Ovary ^e	2.8	0.8	3.9	0.0	3.6	0.3		
Oral Cavity and Pharynx	2.4	-1.6*	3.1	1.8	3.5	0.0		
Brain and ONS ^f	1.9	-0.2	2.9	0.0	3.2	0.1		
Urinary Bladder	1.8	0.5	2.9	1.1	2.9	0.5		
Kidney and Renal Pelvis	1.8	-1.9	2.2	-1.1	2.4	0.3		
Esophagus	1.8	-3.7*	2.0	-0.3	2.4	-1.5*		

- 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 1992-2002 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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

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

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

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

Table I-23
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
	2000-2003	1994-2003		2000-2003	1994-2003		2000-2003	1994-2003
All Sites	241.5	-1.6*	All Sites	237.3	-1.4*	All Sites	326.8	-2.3*
Lung and Bronchus	74.2	-1.9*	Lung and Bronchus	73.4	-1.8*	Lung and Bronchus	97.2	-2.7*
Prostate	28.5	-4.0*	Prostate	26.2	-4.1*	Prostate	64.0	-3.3*
Colon and Rectum	24.0	-2.1*	Colon and Rectum	23.4	-2.2*	Colon and Rectum	33.4	-1.0*
Pancreas	12.1	-0.1	Pancreas	12.0	0.1	Pancreas	15.4	-1.2*
Leukemia	10.1	-0.8*	Leukemia	10.4	-0.6*	Stomach	12.1	-3.4*
Non-Hodgkin Lymphoma	9.8	-1.7*	Non-Hodgkin Lymphoma	10.1	-1.7*	Esophagus	10.5	-4.7*
Esophagus	7.8	0.4*	Urinary Bladder	7.8	-0.5*	Liver & IBD ^e	9.8	1.2
Urinary Bladder	7.5	-0.6*	Esophagus	7.7	1.4*	Leukemia	8.7	-1.7*
Liver & IBD ^e	7.1	1.9*	Liver & IBD ^e	6.4	2.1*	Myeloma	8.5	-1.8*
Kidney and Renal Pelvis	6.1	-0.2	Kidney and Renal Pelvis	6.2	-0.1	Oral Cavity and Pharynx	6.8	-4.1*
Stomach	6.0	-3.6*	Brain and ONS ^e	5.8	-0.8*	Non-Hodgkin Lymphoma	6.6	-2.2
Brain and ONS ^e	5.5	-0.8*	Stomach	5.3	-3.8*	Kidney and Renal Pelvis	6.2	-0.4
Myeloma	4.7	-0.9*	Myeloma	4.4	-0.7*	Urinary Bladder	5.4	-1.5*
Oral Cavity and Pharynx	4.1	-2.3*	Melanoma of the Skin	4.3	-0.2	Larynx	5.1	-3.0*
Melanoma of the Skin	3.8	-0.3	Oral Cavity and Pharynx	3.8	-1.9*	Brain and ONS ^e	3.3	-0.1
Asian/Pacific Islander			American Indian/Alaska Native			Hispanic ^d		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2000-2003	1994-2003		2000-2003	1994-2003		2000-2003	1994-2003
All Sites	143.3	-2.1*	All Sites	150.0	-2.2*	All Sites	165.1	-1.5*
Lung and Bronchus	38.6	-1.6*	Lung and Bronchus	41.4	-3.8*	Lung and Bronchus	36.6	-2.2*
Liver & IBD ^e	15.6	-1.1*	Prostate	18.1	-4.2*	Prostate	21.8	-3.2*
Colon and Rectum	15.4	-1.5*	Colon and Rectum	15.6	-1.5	Colon and Rectum	17.3	-1.0*
Prostate	11.3	-5.4*	Liver & IBD ^e	8.1	1.7	Liver & IBD ^e	10.7	1.5*
Stomach	10.8	-4.1*	Stomach	6.8	-2.0	Stomach	9.1	-2.3*
Pancreas	7.7	-2.5*	Kidney and Renal Pelvis	6.4	0.0	Pancreas	9.0	-0.8
Non-Hodgkin Lymphoma	5.9	-2.2*	Pancreas	6.1	-1.0	Non-Hodgkin Lymphoma	7.1	-3.0*
Leukemia	4.9	-2.3*	Esophagus	5.0	0.1	Leukemia	6.5	-0.8
Oral Cavity and Pharynx	3.6	-1.4	Non-Hodgkin Lymphoma	4.8	-3.9	Kidney and Renal Pelvis	5.3	0.2
Esophagus	3.0	-3.8*	Leukemia	4.4	-1.2	Esophagus	4.2	-2.0*
Urinary Bladder	2.9	1.8	Oral Cavity and Pharynx	3.2	-2.4	Urinary Bladder	4.1	-0.3
Kidney and Renal Pelvis	2.6	-2.2	Myeloma	3.0	-	Myeloma	3.8	-0.3
Brain and ONS ^e	2.5	1.8	Urinary Bladder	2.6	-	Brain and ONS ^e	3.5	0.1
Myeloma	1.8	-4.4*	Brain and ONS ^e	2.5	-1.1	Oral Cavity and Pharynx	2.8	-3.9*
Larynx	0.8	-3.1	Larynx	1.7	-	Larynx	1.9	-4.3*

- 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 1992-2002 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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

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

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

Table I-24
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 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	163.5	-0.9*	162.8	-0.8*	191.1	-1.0*
Lung and Bronchus	41.2	0.4*	42.2	0.5*	39.8	0.3
Breast	25.8	-2.4*	25.3	-2.5*	34.3	-1.4*
Colon and Rectum	16.8	-1.9*	16.2	-2.0*	23.4	-1.1*
Pancreas	9.2	0.0	9.3	-0.3	12.5	-0.7*
Ovary	8.9	-0.3	9.0	0.1	7.4	-0.3
Non-Hodgkin Lymphoma	6.3	-2.1*	6.5	-2.2*	7.1	0.5
Leukemia	5.8	-0.7*	5.9	-0.6*	6.3	-0.8
Corpus and Uterus, NOS	4.1	0.1	3.9	-1.0*	6.0	-2.6*
Brain and ONS ^e	3.6	-1.2*	3.9	-0.1	5.3	-0.7
Myeloma	3.2	-0.6*	2.9	-0.7*	5.0	-4.5*
Stomach	3.1	-2.6*	2.8	-0.7*	4.3	-1.0
Liver & IBD ^e	3.0	0.9*	2.8	0.8*	3.8	0.3
Kidney and Renal Pelvis	2.8	-0.8*	2.7	-2.8*	3.0	-3.2*
Cervix Uteri	2.6	-3.4*	2.4	-3.2*	2.8	-1.4*
Urinary Bladder	2.3	-0.6	2.3	-0.4	2.8	-0.7
	Asian/Pacific Islander		American Indian/Alaska Native		Hispanic ^d	
	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003	Rate ^b 2000-2003	APC ^c 1994-2003
All Sites	98.0	-1.2*	111.1	-0.8	108.1	-0.5*
Lung and Bronchus	18.6	-0.7	26.8	0.3	16.2	-2.2*
Breast	12.6	-0.9	13.4	-1.9	14.7	0.1
Colon and Rectum	10.5	-1.9*	11.0	-2.3	11.3	-0.3
Pancreas	6.9	0.2	5.8	-0.3	7.6	0.6
Liver & IBD ^e	6.8	0.8	5.5	2.1	6.1	0.2
Stomach	6.5	-4.1*	4.0	-0.7	5.1	-1.4
Ovary	4.9	0.6	3.9	-0.8	5.0	2.1*
Non-Hodgkin Lymphoma	4.0	-1.3	3.9	-1.2	4.9	-1.0
Leukemia	3.1	-2.2*	3.5	-0.4	4.2	-0.6
Cervix Uteri	2.5	-4.0*	3.2	-1.1	3.4	-3.9*
Corpus and Uterus, NOS	2.4	1.9	3.0	-	3.2	-0.2
Myeloma	1.5	1.2	2.8	-4.0	2.7	0.3
Brain and ONS ^e	1.5	-2.5	2.3	-2.1	2.4	1.0
Oral Cavity and Pharynx	1.4	-1.6	1.6	-	2.4	0.1
Kidney and Renal Pelvis	1.2	-1.3	1.5	-	1.4	-3.7*

- 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 1992-2002 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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic mortality trends do not include deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

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

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

Table II-10
ALL SITES (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	471.3	558.1	412.0	-0.4	-0.7*	-0.2
White	478.4	558.3	424.6	-0.3	-0.6*	-0.1
White Hispanic ^d	357.6	422.5	316.5	-0.8*	-1.1*	-0.5
White Non-Hispanic ^d	493.6	574.0	438.8	-0.2	-0.5*	0.0
Black	504.4	666.4	395.4	-0.9*	-1.5*	-0.4
Asian/Pacific Islander	315.6	361.8	285.4	-0.6*	-0.9*	-0.1
Amer Ind/Alaska Nat ^e	325.8	359.9	305.0	-1.4	-1.9	-0.8
Hispanic ^d	353.1	419.1	310.9	-0.7	-1.1*	-0.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	194.5	241.5	163.5	-1.1*	-1.6*	-0.9*
White	192.4	237.3	162.8	-1.0*	-1.4*	-0.8*
White Hispanic ^d	135.9	170.7	112.5	-0.9*	-1.5*	-0.5*
White Non-Hispanic ^d	196.3	241.7	166.3	-1.0*	-1.4*	-0.7*
Black	241.7	326.8	191.1	-1.6*	-2.3*	-1.0*
Asian/Pacific Islander	117.0	143.3	98.0	-1.8*	-2.1*	-1.2*
Amer Ind/Alaska Nat	127.0	150.0	111.1	-1.4*	-2.2*	-0.8
Hispanic ^d	131.0	165.1	108.1	-0.9*	-1.5*	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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 SITES (Invasive)

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

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	471.3	558.1	412.0	558.3	424.6	666.4	395.4	361.8	285.4	419.1	310.9
13 SEER Areas ^c	463.3	546.9	406.2	551.0	422.1	665.1	393.4	375.3	295.7	409.8	301.4
11 SEER Areas ^c	463.3	546.9	406.3	551.1	422.2	665.4	394.6	375.3	295.6	409.8	301.5
9 SEER Areas ^c	475.8	562.4	416.1	565.8	430.4	677.5	400.8	390.4	299.9	419.8	312.3
San Francisco-Oakland	448.0	520.8	398.1	537.6	427.5	592.3	390.4	372.6	285.7	421.5	312.6
Connecticut	507.4	597.9	446.2	596.1	452.8	614.1	380.0	247.2	233.2	514.4	384.3
Metropolitan Detroit	533.6	662.8	446.8	639.6	457.5	768.4	429.8	340.3	205.6	421.4	342.5
Hawaii	414.6	479.8	370.3	575.1	438.7	515.1	212.1	432.8	343.0	-	-
Iowa	474.1	552.3	423.0	544.1	419.3	597.3	395.3	378.6	235.9	342.6	267.8
New Mexico	409.2	482.3	354.0	497.9	368.0	472.4	270.4	295.5	210.4	412.4	290.5
Seattle-Puget Sound	501.3	575.6	450.0	588.0	466.3	633.7	382.0	375.1	292.1	-	-
Utah	407.2	486.8	346.6	492.5	351.0	493.3	335.1	293.0	235.2	407.4	303.5
Metropolitan Atlanta	468.5	566.7	404.6	547.7	421.0	661.1	387.4	291.4	239.9	320.5	327.1
San Jose-Monterey	426.5	494.9	381.3	523.8	409.0	560.6	302.8	325.9	266.3	417.3	301.3
Los Angeles	433.9	511.1	382.5	506.6	399.0	641.1	382.3	360.9	296.8	402.4	294.6
Rural Georgia	440.0	570.2	347.3	534.2	363.6	647.1	320.3	-	-	-	-
California exclud. SF/SJM/LA	451.0	521.5	401.8	523.1	413.1	596.6	365.8	326.3	263.6	405.0	317.5
Kentucky	508.5	614.5	439.4	605.7	436.4	716.2	460.2	383.6	270.1	-	-
Louisiana	487.3	614.5	400.7	596.6	403.9	677.1	398.5	347.6	293.7	451.8	284.8
New Jersey	517.1	622.3	447.3	617.1	459.0	691.1	403.1	321.7	249.3	525.4	345.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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 SITES (Invasive)

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

	All Races		Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b		
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	188.3	229.8	161.0	229.2	162.8	320.3	196.1	153.6	103.3	160.1	109.8
13 SEER Areas ^c	178.9	217.6	153.6	217.5	155.9	303.7	192.1	159.1	104.3	164.0	111.7
11 SEER Areas ^c	178.7	217.2	153.5	217.4	155.9	302.7	192.6	159.0	104.4	164.0	111.7
9 SEER Areas ^c	183.1	223.9	156.3	223.2	157.8	304.5	192.6	165.0	106.2	178.2	114.4
San Francisco-Oakland	176.6	210.9	154.2	213.6	162.7	317.7	203.4	159.4	104.6	156.5	104.9
Connecticut	185.5	226.2	159.9	225.4	159.9	276.8	172.9	70.9	82.9	157.6	88.4
Metropolitan Detroit	205.2	253.3	175.3	242.2	169.8	310.6	199.9	113.7	78.5	169.0	94.4
Hawaii	152.1	192.1	122.0	226.5	146.3	148.2	111.2	181.8	114.7	377.8	203.2
Iowa	188.6	236.0	157.7	235.2	157.6	349.7	208.2	186.0	103.6	137.6	92.5
New Mexico	170.5	210.8	141.7	212.8	144.8	288.7	131.7	161.2	99.1	197.6	132.0
Seattle-Puget Sound	190.4	228.0	164.7	230.2	168.0	289.7	193.1	169.0	112.8	138.2	107.8
Utah	146.1	179.9	122.3	180.1	122.5	254.0	136.9	164.3	93.5	159.9	90.6
Metropolitan Atlanta	187.7	234.0	160.7	213.5	151.3	312.7	188.7	130.0	83.2	114.4	74.9
San Jose-Monterey	155.2	181.5	138.6	189.9	148.7	275.4	150.7	137.5	93.5	142.3	106.4
Los Angeles	170.5	204.6	148.4	203.9	151.2	299.9	195.1	154.1	104.2	156.3	110.2
Rural Georgia	204.7	281.5	153.2	237.6	144.7	378.8	169.1	-	-	-	-
California exclud. SF/SJM/LA	183.3	218.6	159.2	222.4	163.0	289.3	186.7	147.1	106.8	156.3	111.1
Kentucky	227.5	297.3	182.4	294.2	180.5	372.7	224.0	182.0	117.3	178.4	167.8
Louisiana	225.2	293.3	181.1	270.9	171.6	374.1	208.4	142.8	118.4	151.0	92.3
New Jersey	199.8	241.2	174.1	238.2	175.2	320.4	194.0	110.9	76.2	151.1	93.2
Total U.S.	194.5	241.5	163.5	237.3	162.8	326.8	191.1	143.3	98.0	165.1	108.1

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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*

All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

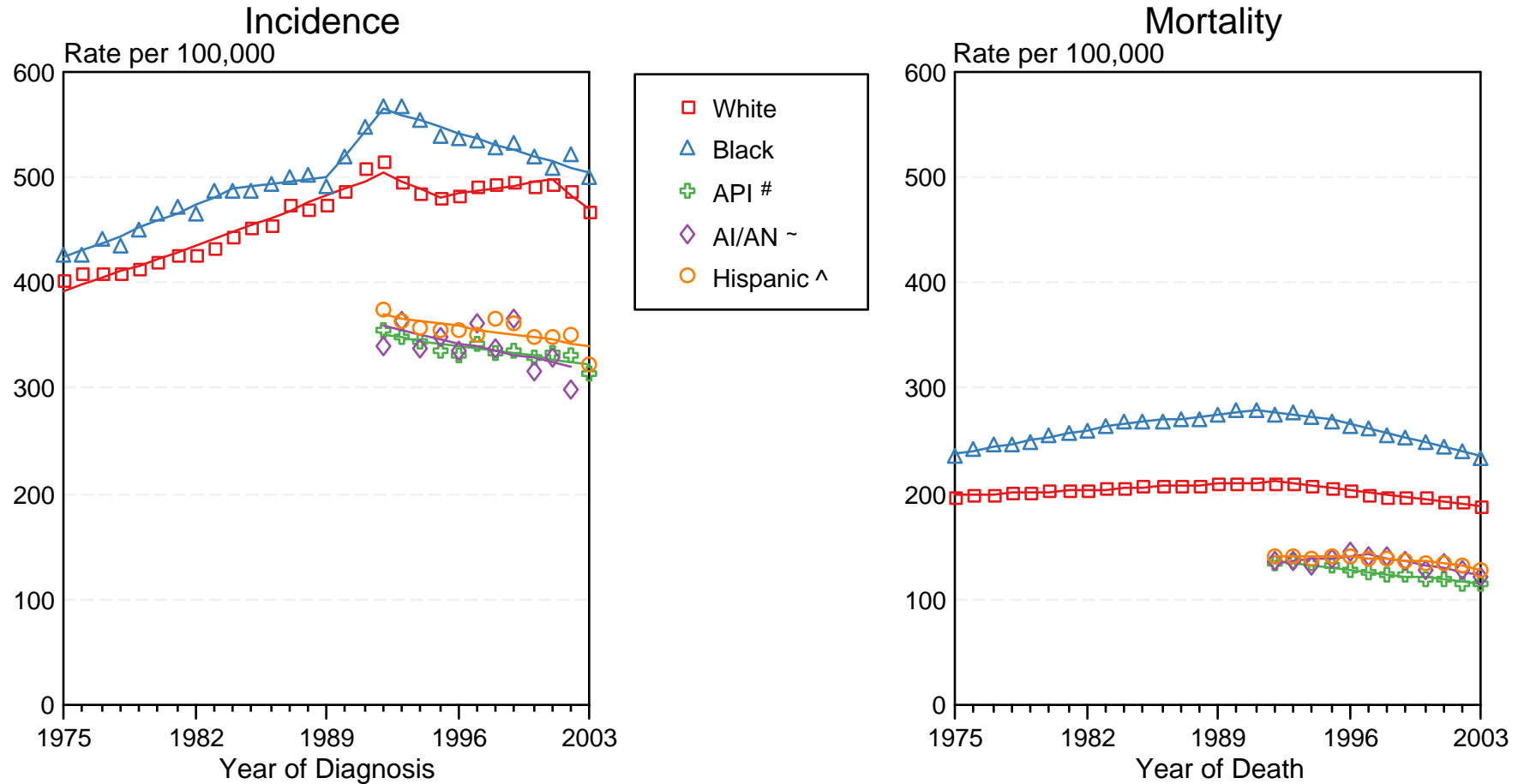


Figure II-4

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	6.4	7.6	5.4	-0.3	-0.3	-0.2
White	7.0	8.3	5.9	0.0	0.0	0.0
White Hispanic ^d	5.4	6.0	4.9	0.4	0.9	0.2
White Non-Hispanic ^d	7.4	8.8	6.1	-0.1	-0.1	-0.1
Black	4.1	4.9	3.5	-0.2	-0.8	0.2
Asian/Pacific Islander	3.4	4.0	2.9	-0.2	-0.6	0.4
Amer Ind/Alaska Nat ^e	3.7	4.7	3.1	-	-	-
Hispanic ^d	5.3	5.9	4.8	0.6	1.2	0.1

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.5	5.5	3.6	-1.0*	-0.8*	-1.2*
White	4.8	5.8	3.9	-0.9*	-0.8*	-1.0*
White Hispanic ^d	3.0	3.6	2.6	0.3	-0.1	0.9
White Non-Hispanic ^d	4.9	6.0	4.0	-0.8*	-0.7*	-1.0*
Black	2.6	3.3	2.2	-0.5	-0.1	-0.9
Asian/Pacific Islander	1.9	2.5	1.5	-0.2	1.8	-2.5
Amer Ind/Alaska Nat	2.0	2.5	1.6	-0.3	-1.1	-
Hispanic ^d	2.9	3.5	2.4	0.5	0.1	1.0

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	6.4	7.6	5.4	8.3	5.9	4.9	3.5	4.0	2.9	5.9	4.8
13 SEER Areas ^c	6.3	7.5	5.2	8.3	5.8	4.8	3.5	4.0	3.1	5.8	4.5
11 SEER Areas ^c	6.3	7.5	5.2	8.3	5.8	4.8	3.5	4.0	3.1	5.8	4.5
9 SEER Areas ^c	6.6	7.8	5.5	8.6	6.1	5.1	3.7	4.2	3.2	5.6	4.4
San Francisco-Oakland	6.1	7.3	5.1	8.4	5.7	5.6	3.6	3.9	3.6	5.8	5.3
Connecticut	7.3	8.8	6.1	9.3	6.3	3.4	3.2	-	-	6.4	4.4
Metropolitan Detroit	6.5	7.6	5.6	8.4	6.1	5.3	4.1	-	-	-	-
Hawaii	4.6	5.4	3.9	8.7	7.0	-	-	4.3	3.0	-	-
Iowa	7.3	8.5	6.3	8.5	6.4	-	-	-	-	-	-
New Mexico	5.3	6.4	4.4	6.7	4.5	-	-	-	-	5.3	3.9
Seattle-Puget Sound	7.6	9.0	6.4	9.6	6.8	-	-	3.4	3.9	-	-
Utah	6.8	8.1	5.8	8.2	6.0	-	-	-	-	5.6	-
Metropolitan Atlanta	5.7	7.1	4.6	8.2	5.7	5.1	3.1	-	-	-	-
San Jose-Monterey	6.0	7.7	4.6	8.5	5.3	-	-	4.7	2.9	6.7	4.7
Los Angeles	5.4	6.5	4.6	7.4	5.2	4.3	3.0	3.5	2.9	5.9	4.6
Rural Georgia	4.6	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	6.6	7.7	5.6	8.2	6.1	5.2	3.0	3.6	2.3	5.6	5.1
Kentucky	6.5	7.5	5.7	7.7	5.7	5.1	5.5	-	-	-	-
Louisiana	5.8	7.4	4.7	8.1	5.3	5.3	3.5	-	-	-	-
New Jersey	6.9	8.3	5.8	8.9	6.3	4.3	3.4	4.7	2.6	7.1	5.1

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.4	5.4	3.5	5.9	3.9	3.1	2.3	2.6	1.6	3.4	2.6
13 SEER Areas ^c	4.3	5.4	3.5	6.0	3.9	3.3	2.3	2.8	1.6	3.5	2.7
11 SEER Areas ^c	4.3	5.4	3.5	6.0	3.9	3.3	2.2	2.8	1.6	3.6	2.7
9 SEER Areas ^c	4.5	5.6	3.5	6.1	4.0	3.5	2.1	3.0	1.7	3.5	2.2
San Francisco-Oakland	4.0	5.2	3.1	5.9	3.6	4.1	2.2	3.0	1.7	3.6	2.2
Connecticut	4.2	5.2	3.4	5.5	3.5	-	-	-	-	-	-
Metropolitan Detroit	4.4	5.5	3.6	6.0	4.1	3.9	2.2	-	-	-	-
Hawaii	3.0	3.6	2.5	5.8	4.7	-	-	3.0	1.8	-	-
Iowa	5.1	6.1	4.3	6.0	4.4	-	-	-	-	-	-
New Mexico	3.6	4.7	2.8	5.0	3.0	-	-	-	-	3.7	2.3
Seattle-Puget Sound	5.8	7.1	4.6	7.5	4.9	-	-	3.5	2.6	-	-
Utah	4.6	5.9	3.4	6.1	3.5	-	-	-	-	-	-
Metropolitan Atlanta	3.9	4.9	3.1	5.5	3.7	3.2	1.8	-	-	-	-
San Jose-Monterey	4.0	4.9	3.2	5.7	3.7	-	-	2.5	-	3.2	3.2
Los Angeles	4.1	5.0	3.4	5.8	3.9	3.2	2.6	2.5	1.3	3.6	2.9
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	4.7	5.7	3.9	6.1	4.2	3.2	1.8	2.6	1.5	3.4	2.8
Kentucky	4.8	5.9	4.0	6.1	4.0	-	3.6	-	-	-	-
Louisiana	4.4	5.4	3.6	6.2	4.0	3.5	2.8	-	-	-	-
New Jersey	3.7	4.7	2.9	5.1	3.1	2.3	1.5	-	-	2.5	1.0
Total U.S.	4.5	5.5	3.6	5.8	3.9	3.3	2.2	2.5	1.5	3.5	2.4

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Brain and Other Nervous System Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

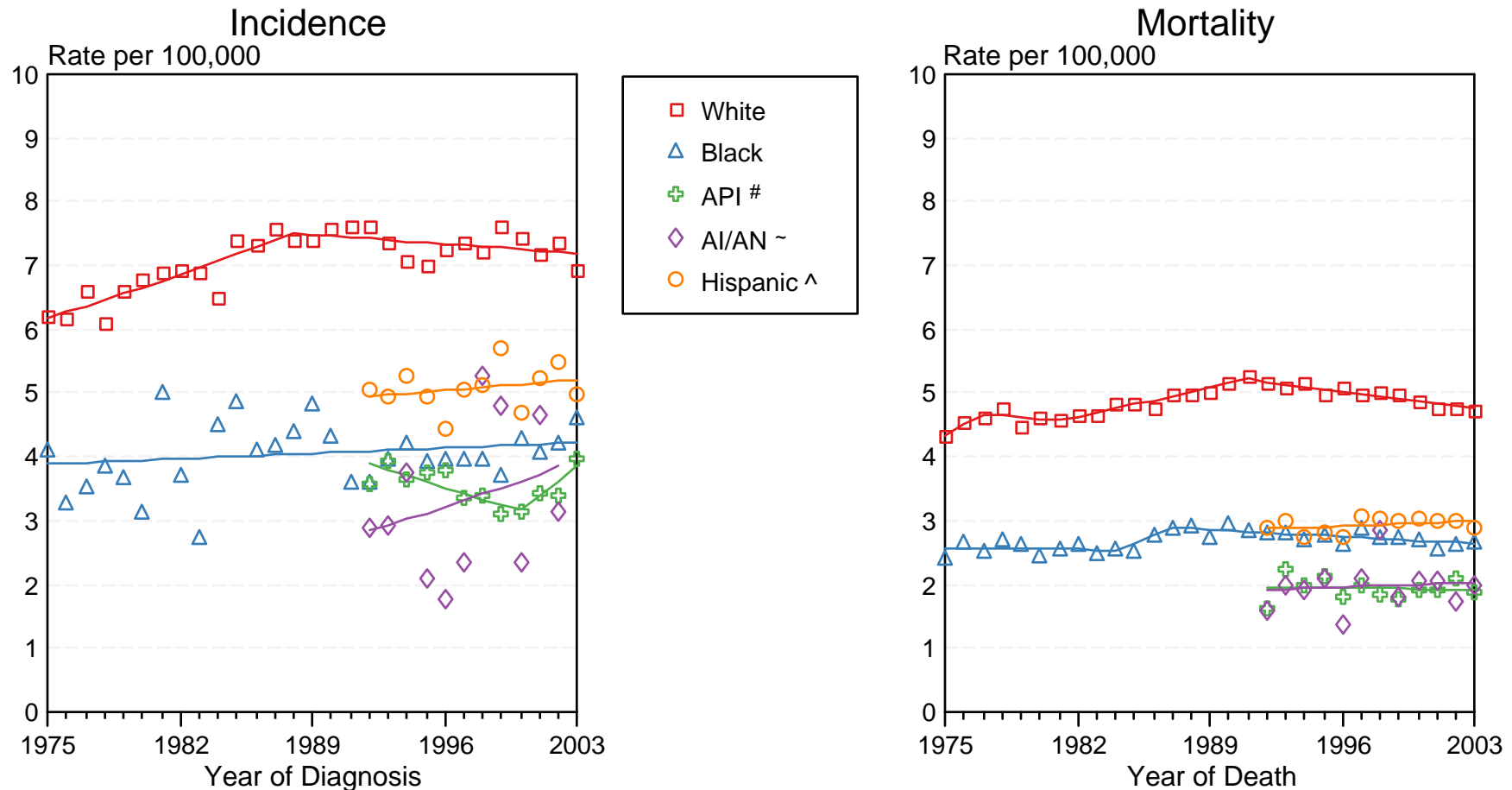


Figure III-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	129.1	-0.3
White	134.0	-0.2
White Hispanic ^d	90.8	-0.5
White Non-Hispanic ^d	140.6	-0.2
Black	118.0	-0.4
Asian/Pacific Islander	88.6	0.8
Amer Ind/Alaska Nat ^e	74.4	-2.9
Hispanic ^d	89.1	-0.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	25.8	-2.4*
White	25.3	-2.5*
White Hispanic ^d	16.9	-2.1*
White Non-Hispanic ^d	25.8	-2.4*
Black	34.3	-1.4*
Asian/Pacific Islander	12.6	-0.9
Amer Ind/Alaska Nat	13.4	-1.9
Hispanic ^d	16.2	-2.2*

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	29.4	4.0*
White	30.1	4.0*
White Hispanic ^d	17.8	4.1*
White Non-Hispanic ^d	32.7	4.3*
Black	25.0	3.7*
Asian/Pacific Islander	25.5	6.3*
Amer Ind/Alaska Nat ^e	18.1	-
Hispanic ^d	17.6	4.0*

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- * 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	129.1	41.7	358.1	134.0	118.0	88.6	89.1
13 SEER Areas ^c	129.7	41.8	359.7	135.9	118.0	93.0	86.3
11 SEER Areas ^c	129.7	41.8	359.9	136.0	118.3	93.0	86.3
9 SEER Areas ^c	132.6	42.7	367.9	138.3	117.6	95.7	94.1
San Francisco-Oakland	134.5	42.8	374.8	150.3	116.0	87.4	98.8
Connecticut	138.7	48.4	375.2	141.2	113.0	77.3	109.2
Metropolitan Detroit	131.8	43.2	363.9	136.6	121.4	52.4	92.7
Hawaii	125.2	44.1	337.6	145.3	94.1	118.1	-
Iowa	127.1	40.7	353.4	126.0	112.8	64.9	88.4
New Mexico	112.2	36.5	310.5	118.3	74.9	77.6	85.9
Seattle-Puget Sound	148.2	43.8	421.8	155.2	109.1	82.0	-
Utah	116.8	34.6	331.9	118.5	99.0	73.0	100.5
Metropolitan Atlanta	132.9	43.7	366.5	141.7	119.0	60.4	99.4
San Jose-Monterey	127.5	41.5	352.8	137.8	102.3	85.1	83.2
Los Angeles	121.2	39.2	336.1	127.6	120.9	89.9	81.9
Rural Georgia	106.2	40.3	278.8	111.1	98.9	-	-
California exclud. SF/SJM/LA	130.2	39.3	368.2	135.2	113.9	80.0	91.0
Kentucky	123.3	41.3	337.9	122.3	131.7	67.3	-
Louisiana	121.6	40.5	334.2	121.8	121.8	60.7	85.9
New Jersey	132.1	46.8	355.4	136.2	113.8	76.7	97.9

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	25.7	5.6	78.1	25.7	35.1	13.9	15.8
13 SEER Areas ^c	24.3	5.4	74.0	24.6	33.3	14.3	15.7
11 SEER Areas ^c	24.4	5.4	74.1	24.6	33.5	14.3	15.8
9 SEER Areas ^c	24.9	5.3	76.0	24.9	33.9	14.2	16.4
San Francisco-Oakland	25.1	5.6	76.2	27.0	34.7	13.8	15.0
Connecticut	25.3	5.0	78.5	25.2	28.6	-	13.5
Metropolitan Detroit	28.7	6.4	87.2	26.8	35.9	12.1	12.8
Hawaii	17.7	4.5	52.4	23.4	-	15.8	31.4
Iowa	23.9	4.7	74.1	23.8	38.6	-	-
New Mexico	22.3	5.9	65.2	23.0	31.0	-	19.1
Seattle-Puget Sound	24.0	4.6	74.7	24.4	32.2	15.2	19.9
Utah	23.2	4.6	72.0	23.5	-	-	9.5
Metropolitan Atlanta	26.6	6.0	80.7	24.3	33.6	-	-
San Jose-Monterey	21.4	4.8	64.9	23.0	27.7	14.1	13.0
Los Angeles	23.4	5.7	70.0	23.9	32.8	14.7	15.6
Rural Georgia	21.1	-	60.9	18.7	23.6	-	-
California exclud. SF/SJM/LA	25.1	5.7	75.9	25.8	34.0	13.6	16.0
Kentucky	26.6	5.8	81.1	26.0	36.9	-	-
Louisiana	30.4	7.5	90.3	26.5	40.5	-	14.9
New Jersey	29.1	5.5	90.9	29.0	34.9	10.9	15.1
Total U.S.	25.8	5.7	78.5	25.3	34.3	12.6	16.2

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	29.4	10.5	78.8	30.1	25.0	25.5	17.6
13 SEER Areas ^c	30.9	10.9	83.3	31.8	27.6	27.2	17.0
11 SEER Areas ^c	30.9	10.8	83.3	31.8	27.7	27.2	17.0
9 SEER Areas ^c	33.0	11.7	88.7	33.7	29.7	30.6	18.1
San Francisco-Oakland	31.1	11.1	83.3	32.3	21.8	29.9	20.0
Connecticut	42.8	17.4	109.3	43.9	30.5	25.8	32.8
Metropolitan Detroit	39.2	14.7	103.5	40.7	35.8	23.6	22.2
Hawaii	35.7	12.3	96.9	32.8	-	36.4	-
Iowa	25.3	9.1	67.9	25.1	24.6	-	-
New Mexico	19.8	5.8	56.5	21.3	-	-	12.1
Seattle-Puget Sound	34.5	10.8	96.6	35.3	32.9	27.4	-
Utah	24.0	7.3	67.5	24.2	-	19.5	15.4
Metropolitan Atlanta	33.2	11.0	91.3	37.4	26.4	13.8	19.9
San Jose-Monterey	27.8	9.3	76.3	28.7	16.0	23.5	18.8
Los Angeles	25.1	8.7	67.9	26.0	23.0	21.8	16.1
Rural Georgia	26.5	10.3	68.8	30.0	23.6	-	-
California exclud. SF/SJM/LA	26.7	8.6	73.9	27.2	22.8	20.9	17.0
Kentucky	23.4	8.3	62.7	23.2	22.6	31.7	-
Louisiana	21.3	7.6	57.2	22.4	19.1	-	11.0
New Jersey	35.0	14.8	88.0	36.8	24.7	23.4	23.6

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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* Female Breast Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

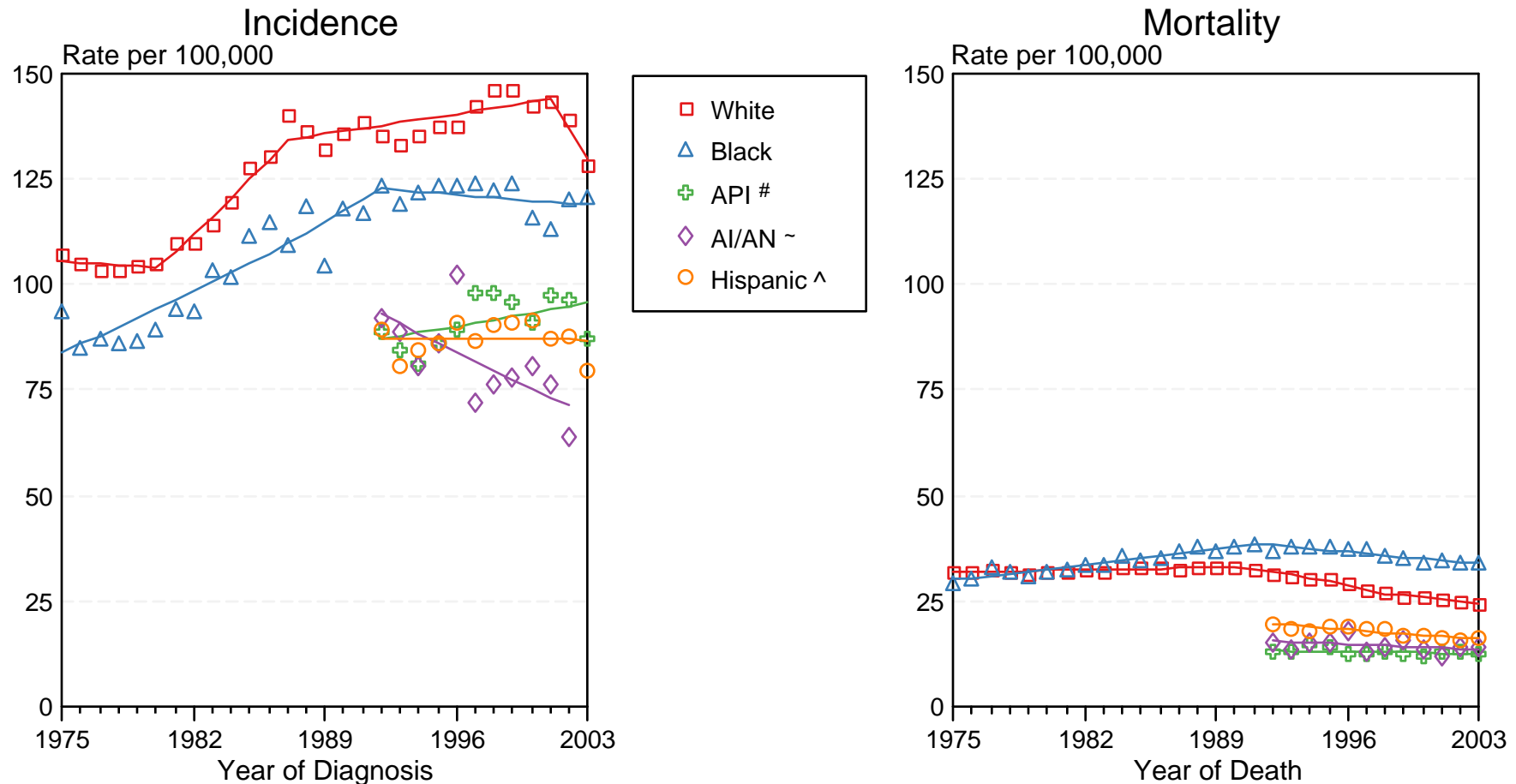


Figure IV-4

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	8.8	-3.1*
White	8.5	-2.4*
White Hispanic ^d	14.6	-3.6*
White Non-Hispanic ^d	7.3	-2.5*
Black	11.5	-4.4*
Asian/Pacific Islander	8.2	-6.3*
Amer Ind/Alaska Nat ^e	7.2	-
Hispanic ^d	14.2	-3.5*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	2.6	-3.4*
White	2.4	-3.2*
White Hispanic ^d	3.5	-4.1*
White Non-Hispanic ^d	2.3	-3.1*
Black	5.0	-4.5*
Asian/Pacific Islander	2.5	-4.0*
Amer Ind/Alaska Nat	2.8	-4.0
Hispanic ^d	3.4	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	8.8	6.7	14.2	8.5	11.5	8.2	14.2
13 SEER Areas ^c	8.4	6.3	13.9	8.3	10.2	8.2	15.0
11 SEER Areas ^c	8.4	6.3	13.9	8.3	10.2	8.2	15.0
9 SEER Areas ^c	7.5	5.7	12.2	7.1	10.5	7.8	10.4
San Francisco-Oakland	6.6	5.0	10.9	6.4	8.6	6.3	10.0
Connecticut	6.6	4.5	12.1	6.2	11.6	-	14.5
Metropolitan Detroit	8.9	6.4	15.5	7.9	12.3	-	12.5
Hawaii	8.7	7.2	12.6	8.3	-	8.7	-
Iowa	7.7	6.4	11.1	7.7	-	-	-
New Mexico	8.3	6.6	12.8	8.4	-	-	8.4
Seattle-Puget Sound	7.0	5.9	9.8	6.7	8.6	10.0	-
Utah	6.3	5.2	9.0	6.2	-	-	11.2
Metropolitan Atlanta	8.3	5.5	15.7	7.4	10.5	12.6	14.5
San Jose-Monterey	7.2	5.5	11.6	7.4	-	7.1	12.7
Los Angeles	11.6	8.4	19.9	12.4	9.3	9.6	18.1
Rural Georgia	9.4	-	-	-	-	-	-
California exclud. SF/SJM/LA	8.5	6.7	13.1	8.6	7.3	8.6	13.0
Kentucky	10.5	8.5	15.8	10.0	15.0	-	-
Louisiana	10.1	8.2	15.1	8.4	14.4	-	-
New Jersey	9.6	7.1	16.3	9.0	14.6	6.0	15.0

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	2.5	1.2	5.9	2.3	4.4	2.6	3.4
13 SEER Areas ^c	2.4	1.1	5.8	2.2	3.9	2.4	3.6
11 SEER Areas ^c	2.4	1.1	5.8	2.2	3.9	2.5	3.6
9 SEER Areas ^c	2.1	0.9	5.1	1.9	3.5	2.3	2.2
San Francisco-Oakland	1.8	0.8	4.3	1.6	3.8	1.7	-
Connecticut	1.8	0.7	4.8	1.7	2.9	-	-
Metropolitan Detroit	2.4	1.1	6.1	2.1	3.7	-	-
Hawaii	2.4	1.3	5.3	-	-	2.6	-
Iowa	2.5	1.3	5.5	2.4	-	-	-
New Mexico	2.3	1.0	5.6	2.1	-	-	2.1
Seattle-Puget Sound	1.8	0.8	4.6	1.6	-	3.8	-
Utah	1.8	1.0	3.7	1.8	-	-	-
Metropolitan Atlanta	2.4	0.9	6.2	1.9	3.1	-	-
San Jose-Monterey	1.6	0.8	3.8	1.5	-	2.1	1.8
Los Angeles	3.5	1.6	8.5	3.5	5.0	2.9	4.7
Rural Georgia	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	2.4	1.2	5.6	2.4	3.1	3.0	3.3
Kentucky	3.1	1.6	6.8	2.9	6.2	-	-
Louisiana	2.9	1.7	6.1	1.9	5.5	-	-
New Jersey	2.7	1.3	6.4	2.5	5.4	2.1	2.8
Total U.S.	2.6	1.3	6.0	2.4	5.0	2.5	3.4

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Cervix Uteri Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

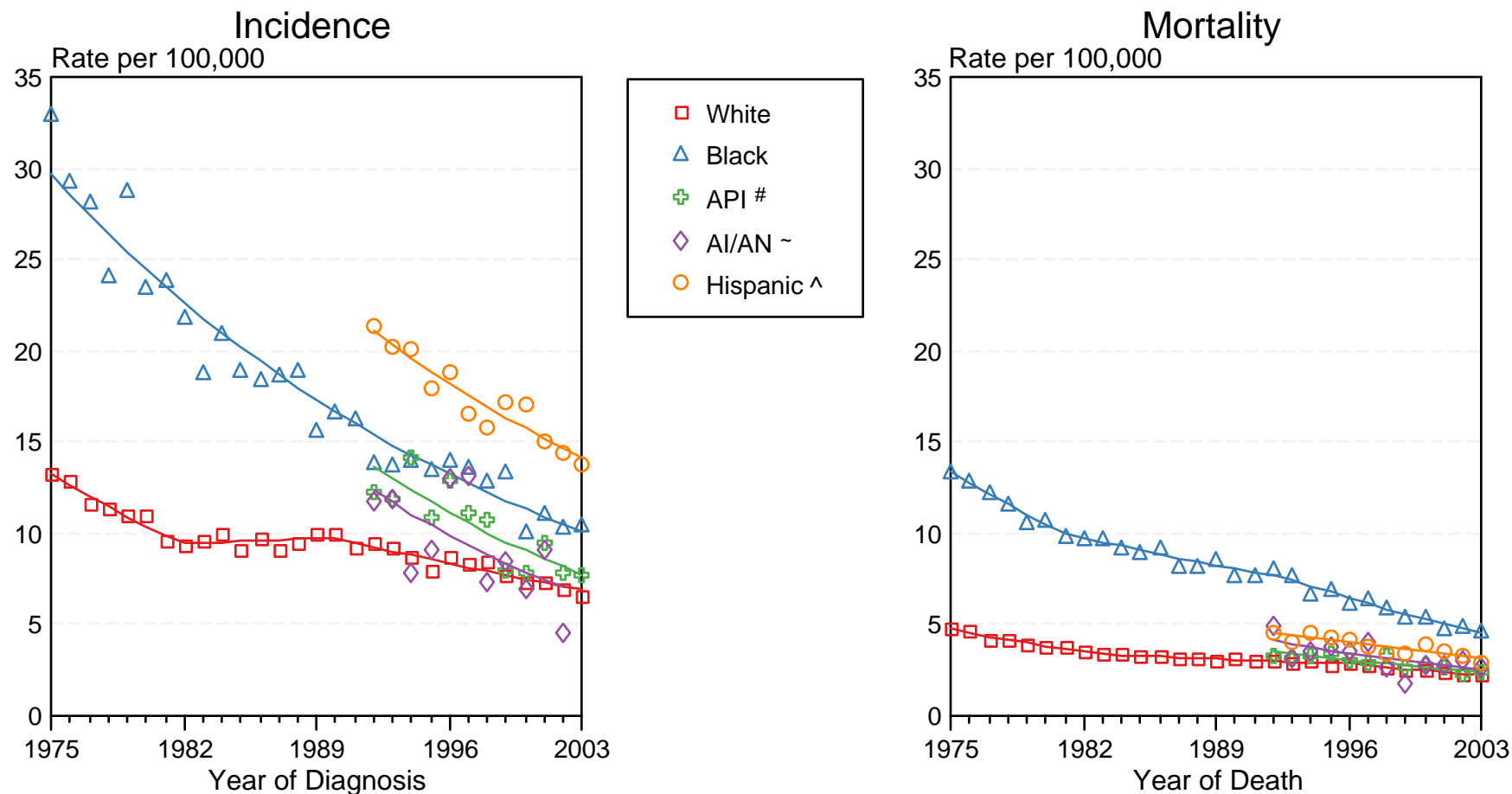


Figure V-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	52.4	61.7	45.3	-1.0*	-1.3*	-0.8*
White	52.0	61.4	44.7	-1.1*	-1.5*	-0.8*
White Hispanic ^d	39.6	48.0	33.1	-0.8	-0.9	-0.9
White Non-Hispanic ^d	53.2	62.7	45.7	-1.0*	-1.4*	-0.7
Black	62.8	72.9	56.1	-0.3	-0.1	-0.4
Asian/Pacific Islander	42.4	51.2	35.7	-0.7	-0.9*	-0.3
Amer Ind/Alaska Nat ^e	46.5	52.7	41.9	-1.4	-2.4	-0.4
Hispanic ^d	39.0	47.3	32.7	-0.7	-0.8	-0.8

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	19.8	24.0	16.8	-1.9*	-2.1*	-1.9*
White	19.3	23.4	16.2	-2.0*	-2.2*	-2.0*
White Hispanic ^d	14.3	18.0	11.7	-0.5*	-0.9*	-0.3
White Non-Hispanic ^d	19.6	23.8	16.5	-2.0*	-2.2*	-2.0*
Black	27.3	33.4	23.4	-1.0*	-1.0*	-1.1*
Asian/Pacific Islander	12.6	15.4	10.5	-1.7*	-1.5*	-1.9*
Amer Ind/Alaska Nat	13.0	15.6	11.0	-1.9	-1.5	-2.3
Hispanic ^d	13.8	17.3	11.3	-0.5*	-1.0*	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	37.9	43.1	34.0	-1.0*	-1.4*	-0.8*
White	37.6	42.7	33.6	-1.1*	-1.6*	-0.8*
White Hispanic ^d	27.5	32.0	24.1	-0.4	-0.4	-0.7
White Non-Hispanic ^d	38.5	43.9	34.3	-1.1*	-1.5*	-0.8
Black	48.5	55.3	44.0	-0.2	0.1	-0.5
Asian/Pacific Islander	28.6	33.3	25.1	-0.6	-0.8	-0.4
Amer Ind/Alaska Nat ^e	32.5	34.0	31.5	-2.0	-3.6	-0.5
Hispanic ^d	27.1	31.4	23.9	-0.4	-0.3	-0.6

Rectum Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	14.5	18.6	11.2	-0.9	-1.3*	-0.7
White	14.5	18.6	11.1	-1.0	-1.3*	-0.9
White Hispanic ^d	12.1	16.0	9.0	-1.6*	-1.9*	-1.3
White Non-Hispanic ^d	14.7	18.8	11.3	-0.9	-1.3*	-0.7
Black	14.3	17.5	12.1	-0.5	-1.0	0.1
Asian/Pacific Islander	13.8	18.0	10.6	-0.8	-1.3	-0.1
Amer Ind/Alaska Nat ^e	14.0	18.7	10.4	-0.6	-0.7	-
Hispanic ^d	11.9	15.8	8.8	-1.4	-1.8	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky.
 e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
 * 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	52.4	61.7	45.3	61.4	44.7	72.9	56.1	51.2	35.7	47.3	32.7
13 SEER Areas ^c	51.1	59.8	44.4	59.0	43.8	71.6	54.9	54.7	37.9	45.9	30.9
11 SEER Areas ^c	51.1	59.7	44.3	59.0	43.8	71.6	55.0	54.7	37.9	45.9	30.9
9 SEER Areas ^c	52.2	61.0	45.2	60.2	44.8	73.0	55.2	55.9	37.6	51.6	34.2
San Francisco-Oakland	48.0	56.3	41.4	56.2	41.2	57.6	43.9	50.6	38.0	50.4	31.9
Connecticut	57.3	67.9	49.4	67.9	48.8	63.0	54.0	46.3	17.9	65.1	45.1
Metropolitan Detroit	56.8	66.9	49.5	63.4	46.7	82.3	61.2	44.7	26.5	47.1	28.7
Hawaii	52.2	66.0	40.8	62.3	41.0	-	-	67.1	40.5	-	-
Iowa	60.1	69.8	52.2	69.5	51.8	86.1	57.6	-	-	22.1	29.7
New Mexico	42.7	50.9	35.7	52.1	36.7	38.5	36.7	-	-	54.3	33.5
Seattle-Puget Sound	48.7	55.5	43.0	56.1	43.2	55.8	49.5	43.4	37.8	-	-
Utah	41.8	47.5	37.1	47.6	37.4	-	-	48.0	24.2	41.7	34.0
Metropolitan Atlanta	50.7	59.0	44.9	53.7	40.8	79.2	56.1	41.3	29.6	30.2	37.5
San Jose-Monterey	45.0	51.9	39.6	53.5	40.8	54.9	37.3	43.1	31.8	45.7	27.2
Los Angeles	49.0	57.5	42.5	56.2	41.1	68.7	55.3	56.3	39.9	42.0	29.3
Rural Georgia	52.7	67.0	43.1	62.8	39.0	75.5	49.9	-	-	-	-
California exclud. SF/SJM/LA	46.9	55.6	40.0	56.3	40.3	58.7	49.5	41.2	29.7	46.8	32.3
Kentucky	60.8	71.5	53.1	70.9	52.2	83.6	70.0	76.9	-	-	-
Louisiana	59.4	72.6	49.7	71.1	46.6	77.9	59.2	49.7	40.3	43.9	35.2
New Jersey	60.4	71.7	52.1	71.4	51.6	79.0	56.9	44.0	29.9	57.6	44.2

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	19.1	22.9	16.3	22.6	15.9	32.8	24.1	16.8	11.0	16.4	10.5
13 SEER Areas ^c	18.0	21.5	15.4	21.1	15.1	31.1	22.9	17.7	11.4	17.0	10.7
11 SEER Areas ^c	18.0	21.5	15.4	21.2	15.1	31.1	22.8	17.7	11.5	17.0	10.7
9 SEER Areas ^c	18.4	21.9	15.8	21.5	15.4	30.6	22.5	18.7	11.9	20.0	12.2
San Francisco-Oakland	17.5	20.4	15.3	20.2	15.3	28.3	20.9	18.0	12.4	16.3	9.9
Connecticut	19.1	23.0	16.4	23.1	16.1	25.6	21.1	-	-	14.9	9.1
Metropolitan Detroit	20.0	24.4	17.0	22.9	15.5	32.0	23.1	-	-	26.2	-
Hawaii	16.7	21.7	12.7	21.4	13.3	-	-	22.1	12.6	28.5	24.2
Iowa	20.7	24.9	17.7	24.8	17.7	44.9	-	-	-	-	-
New Mexico	17.5	21.2	14.4	21.5	14.7	-	-	-	-	24.0	15.6
Seattle-Puget Sound	17.1	19.8	14.8	19.9	14.7	24.0	23.7	13.2	11.9	-	-
Utah	15.3	17.8	13.5	17.7	13.6	-	-	-	-	20.9	-
Metropolitan Atlanta	18.3	21.7	16.3	18.1	13.3	33.8	24.4	16.2	-	-	-
San Jose-Monterey	14.6	17.9	12.1	18.8	12.7	30.9	21.2	12.7	8.5	16.7	7.9
Los Angeles	17.5	21.0	15.0	20.3	14.5	32.6	23.8	17.5	11.4	14.8	10.0
Rural Georgia	20.8	26.6	16.4	23.6	11.3	32.3	26.2	-	-	-	-
California exclud. SF/SJM/LA	17.5	20.6	15.1	20.8	15.1	28.7	24.9	15.4	10.4	15.0	10.1
Kentucky	23.5	28.9	19.8	28.5	19.1	37.5	32.5	-	-	-	-
Louisiana	23.6	30.0	19.0	27.5	16.8	39.3	25.8	-	-	16.3	-
New Jersey	22.1	26.7	18.9	26.6	18.7	32.5	23.5	11.1	7.3	18.6	11.2
Total U.S.	19.8	24.0	16.8	23.4	16.2	33.4	23.4	15.4	10.5	17.3	11.3

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Colon and Rectum Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

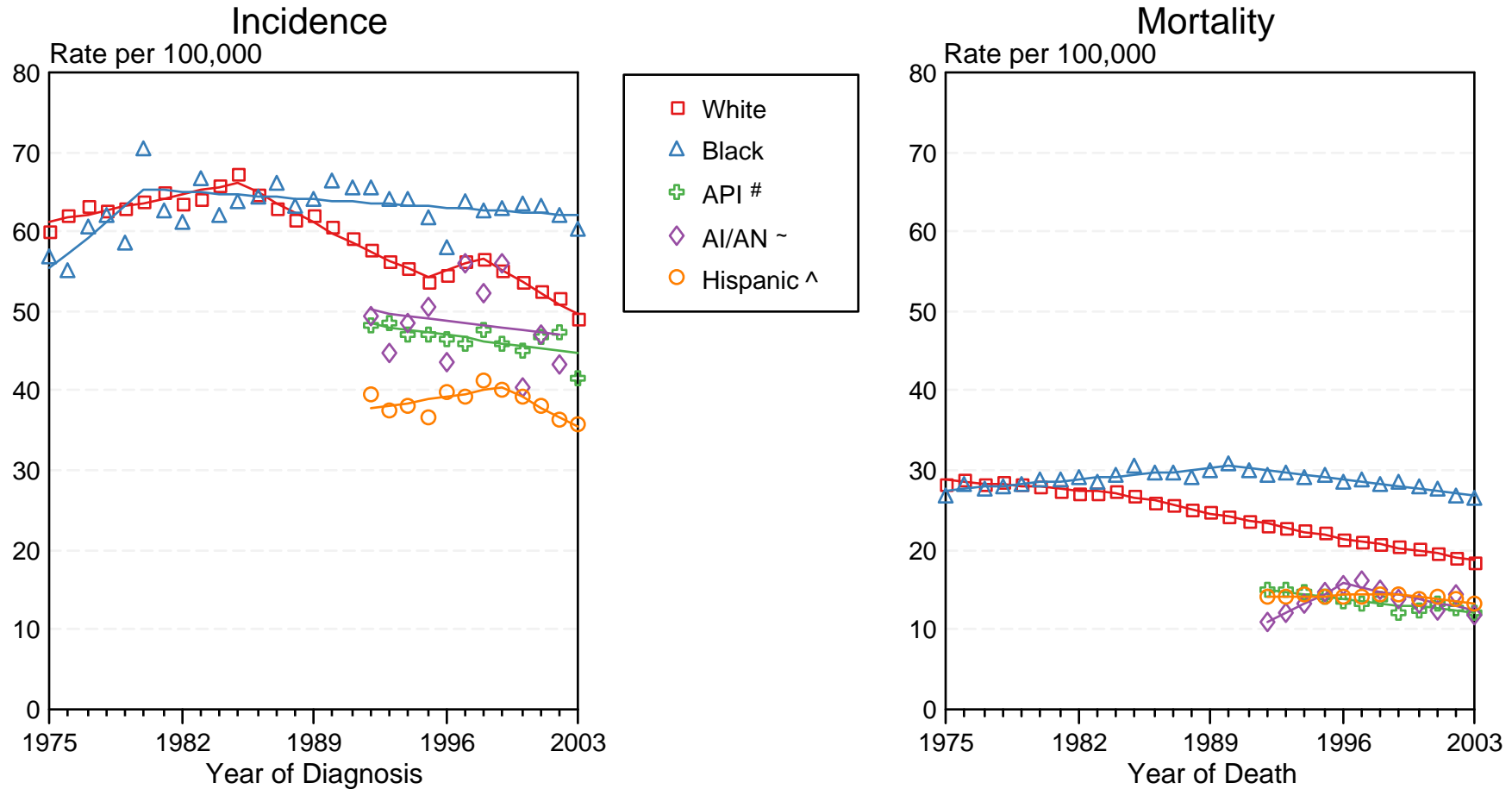


Figure VI-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	23.3	-0.6*
White	24.3	-0.7*
White Hispanic ^d	17.3	-0.2
White Non-Hispanic ^d	25.4	-0.6
Black	19.5	1.4
Asian/Pacific Islander	15.8	0.4
Amer Ind/Alaska Nat ^e	15.6	-
Hispanic ^d	17.0	-0.2

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	4.1	0.1
White	3.9	-0.1
White Hispanic ^d	3.3	-0.2
White Non-Hispanic ^d	3.9	-0.1
Black	7.1	0.5
Asian/Pacific Islander	2.4	1.9
Amer Ind/Alaska Nat	2.3	-2.1
Hispanic ^d	3.2	-0.2

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	23.3	4.9	71.3	24.3	19.5	15.8	17.0
13 SEER Areas ^c	23.8	5.1	72.7	25.1	19.5	17.0	16.3
11 SEER Areas ^c	23.8	5.1	72.9	25.1	19.6	17.0	16.3
9 SEER Areas ^c	24.6	5.1	75.7	25.7	19.8	18.3	16.2
San Francisco-Oakland	23.7	4.6	73.8	25.1	21.0	17.4	17.4
Connecticut	28.8	5.6	89.5	29.6	19.4	16.1	20.0
Metropolitan Detroit	26.3	5.4	80.9	27.8	22.4	-	14.6
Hawaii	24.3	8.4	65.8	24.3	-	24.4	-
Iowa	26.9	5.6	82.6	27.0	-	-	-
New Mexico	19.2	4.8	56.9	19.4	-	-	14.5
Seattle-Puget Sound	24.6	4.6	77.0	25.8	14.1	13.0	-
Utah	23.1	5.1	70.3	23.3	-	-	13.9
Metropolitan Atlanta	19.5	3.9	60.4	20.9	17.4	8.2	15.8
San Jose-Monterey	21.3	4.0	66.6	23.5	-	12.9	12.7
Los Angeles	21.9	5.4	65.4	23.6	19.6	15.7	16.8
Rural Georgia	13.7	-	41.9	14.8	-	-	-
California exclud. SF/SJM/LA	21.2	4.4	65.2	21.9	17.0	13.8	17.2
Kentucky	22.9	6.3	66.3	22.9	19.2	-	-
Louisiana	17.3	4.6	50.5	17.4	17.9	-	11.4
New Jersey	28.4	5.1	89.2	29.8	23.0	11.2	20.9

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <50	Ages 50+	All Ages	All Ages	All Ages	All Ages
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	4.1	0.4	14.0	4.0	7.0	2.7	3.1
13 SEER Areas ^c	4.2	0.4	14.0	4.0	6.9	2.9	3.2
11 SEER Areas ^c	4.2	0.4	14.1	4.0	6.9	2.9	3.2
9 SEER Areas ^c	4.2	0.4	14.0	4.0	6.6	3.3	3.3
San Francisco-Oakland	4.1	0.3	13.8	4.1	7.1	2.6	4.0
Connecticut	3.9	-	13.3	3.7	6.0	-	-
Metropolitan Detroit	4.8	0.4	16.4	4.2	7.3	-	-
Hawaii	3.9	1.0	11.7	2.7	-	4.5	-
Iowa	4.3	0.5	14.3	4.4	-	-	-
New Mexico	3.9	-	12.6	3.9	-	-	3.7
Seattle-Puget Sound	4.0	0.4	13.5	4.0	-	2.5	-
Utah	4.5	-	15.2	4.4	-	-	-
Metropolitan Atlanta	4.0	-	13.6	3.2	6.0	-	-
San Jose-Monterey	3.7	-	12.7	3.9	-	2.5	-
Los Angeles	4.3	0.4	14.5	4.2	7.7	2.4	3.3
Rural Georgia	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	3.7	0.4	12.5	3.7	6.7	2.2	3.0
Kentucky	3.6	0.3	12.3	3.4	7.8	-	-
Louisiana	3.5	0.4	11.6	2.4	6.9	-	-
New Jersey	5.2	0.3	18.1	5.1	7.8	-	3.5
Total U.S.	4.1	0.3	14.1	3.9	7.1	2.4	3.2

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Corpus and Uterus, NOS Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

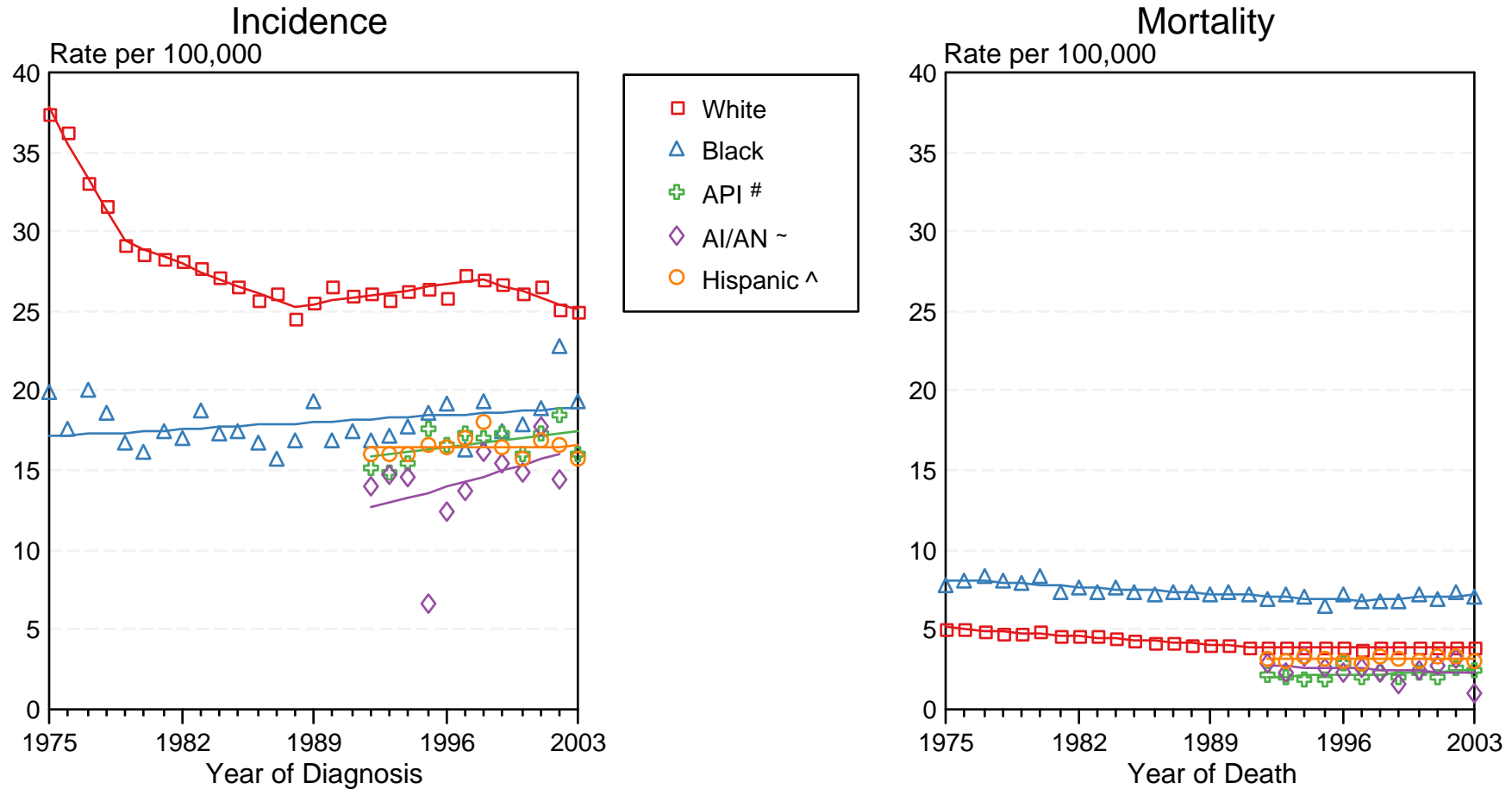


Figure VII-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.5	7.8	2.0	0.0	0.3	-1.3*
White	4.5	7.8	1.9	1.1	1.4*	-0.6
White Hispanic ^d	2.9	5.2	1.2	-2.4	-1.7	-4.0
White Non-Hispanic ^d	4.7	8.1	2.1	1.8*	2.1*	0.1
Black	6.4	10.8	3.3	-4.3*	-4.5*	-3.6*
Asian/Pacific Islander	2.4	4.0	1.2	-3.0*	-3.1*	-0.9
Amer Ind/Alaska Nat ^e	4.7	9.5	-	-	-	-
Hispanic ^d	2.9	5.2	1.2	-2.2	-1.6	-3.5

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.4	7.8	1.8	0.4*	0.4*	-0.2
White	4.3	7.7	1.7	1.4*	1.4*	0.5
White Hispanic ^d	2.5	4.4	1.0	-1.5*	-2.0*	-0.5
White Non-Hispanic ^d	4.4	7.9	1.7	1.6*	1.6*	0.6*
Black	6.1	10.5	3.0	-4.3*	-4.7*	-3.2*
Asian/Pacific Islander	1.8	3.0	0.8	-3.7*	-3.8*	-3.2
Amer Ind/Alaska Nat	2.9	5.0	1.2	1.1	0.1	-
Hispanic ^d	2.4	4.2	1.0	-1.5*	-2.0*	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.5	7.8	2.0	7.8	1.9	10.8	3.3	4.0	1.2	5.2	1.2
13 SEER Areas ^c	4.4	7.6	2.0	7.7	1.9	10.1	3.5	4.4	1.1	5.4	0.9
11 SEER Areas ^c	4.4	7.5	1.9	7.7	1.9	9.9	3.5	4.4	1.1	5.4	0.9
9 SEER Areas ^c	4.7	8.0	2.0	8.1	1.9	10.5	3.6	5.0	1.0	5.3	1.0
San Francisco-Oakland	3.9	6.5	1.9	7.2	1.9	7.3	3.0	4.0	1.1	3.8	-
Connecticut	5.5	9.3	2.6	9.2	2.5	10.6	4.4	-	-	15.3	-
Metropolitan Detroit	5.5	9.6	2.4	8.9	2.0	12.4	4.0	-	-	-	-
Hawaii	3.4	6.1	1.0	5.8	-	-	-	6.2	0.9	-	-
Iowa	5.1	9.2	1.8	9.2	1.8	-	-	-	-	-	-
New Mexico	3.6	6.5	1.3	6.6	1.4	-	-	-	-	4.8	-
Seattle-Puget Sound	5.0	8.5	2.2	8.7	2.2	-	-	5.5	-	-	-
Utah	3.2	5.7	1.1	5.9	1.1	-	-	-	-	-	-
Metropolitan Atlanta	4.7	8.1	2.1	7.1	1.6	11.6	3.0	-	-	-	-
San Jose-Monterey	3.9	6.7	1.8	7.5	1.8	-	-	3.3	-	5.4	-
Los Angeles	3.7	6.1	1.9	6.2	1.8	8.4	3.1	3.6	1.2	5.5	1.0
Rural Georgia	8.0	12.8	-	-	-	24.1	-	-	-	-	-
California exclud. SF/SJM/LA	4.3	7.2	1.9	7.5	2.0	9.0	2.0	3.1	1.3	4.6	1.2
Kentucky	4.9	9.0	1.6	8.7	1.6	16.5	3.1	-	-	-	-
Louisiana	5.0	8.8	1.9	8.3	1.6	10.6	2.7	-	-	-	-
New Jersey	5.1	8.5	2.4	8.2	2.3	13.3	3.7	3.1	-	5.6	2.6

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.1	7.3	1.7	7.5	1.7	9.2	2.6	3.3	0.9	4.2	0.9
13 SEER Areas ^c	4.0	7.0	1.7	7.3	1.6	8.6	2.8	3.6	0.9	4.5	0.8
11 SEER Areas ^c	4.0	7.0	1.6	7.3	1.6	8.4	2.8	3.6	0.9	4.5	0.8
9 SEER Areas ^c	4.3	7.5	1.7	7.7	1.7	9.2	2.8	4.0	0.9	5.0	0.8
San Francisco-Oakland	3.8	6.3	1.8	6.9	1.8	7.0	3.5	3.6	1.1	3.6	-
Connecticut	4.6	8.1	1.9	7.9	1.7	10.4	3.9	-	-	9.3	-
Metropolitan Detroit	5.0	9.3	1.8	9.5	1.7	9.3	2.5	-	-	-	-
Hawaii	2.8	5.2	0.8	6.1	-	-	-	4.8	-	-	-
Iowa	4.6	8.2	1.8	8.2	1.8	-	-	-	-	-	-
New Mexico	3.8	6.9	1.2	7.1	1.1	-	-	-	-	5.8	-
Seattle-Puget Sound	4.8	8.4	2.0	8.7	2.0	-	-	-	-	-	-
Utah	2.8	5.2	0.8	5.3	0.8	-	-	-	-	-	-
Metropolitan Atlanta	4.0	7.1	1.8	5.8	1.5	11.5	2.5	-	-	-	-
San Jose-Monterey	3.3	5.3	1.6	6.1	1.8	-	-	-	-	3.0	-
Los Angeles	3.3	5.7	1.5	6.0	1.4	6.7	2.6	3.3	1.1	4.3	0.8
Rural Georgia	7.7	11.5	-	-	-	21.2	-	-	-	-	-
California exclud. SF/SJM/LA	4.1	7.1	1.7	7.4	1.8	7.7	2.0	2.6	0.8	3.8	1.0
Kentucky	4.4	8.4	1.3	8.2	1.3	13.4	-	-	-	-	-
Louisiana	4.5	8.1	1.7	7.7	1.5	9.8	2.2	-	-	-	-
New Jersey	4.4	7.7	1.9	7.6	1.8	10.8	2.6	-	-	4.2	-
Total U.S.	4.4	7.8	1.8	7.7	1.7	10.5	3.0	3.0	0.8	4.2	1.0

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Esophagus Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

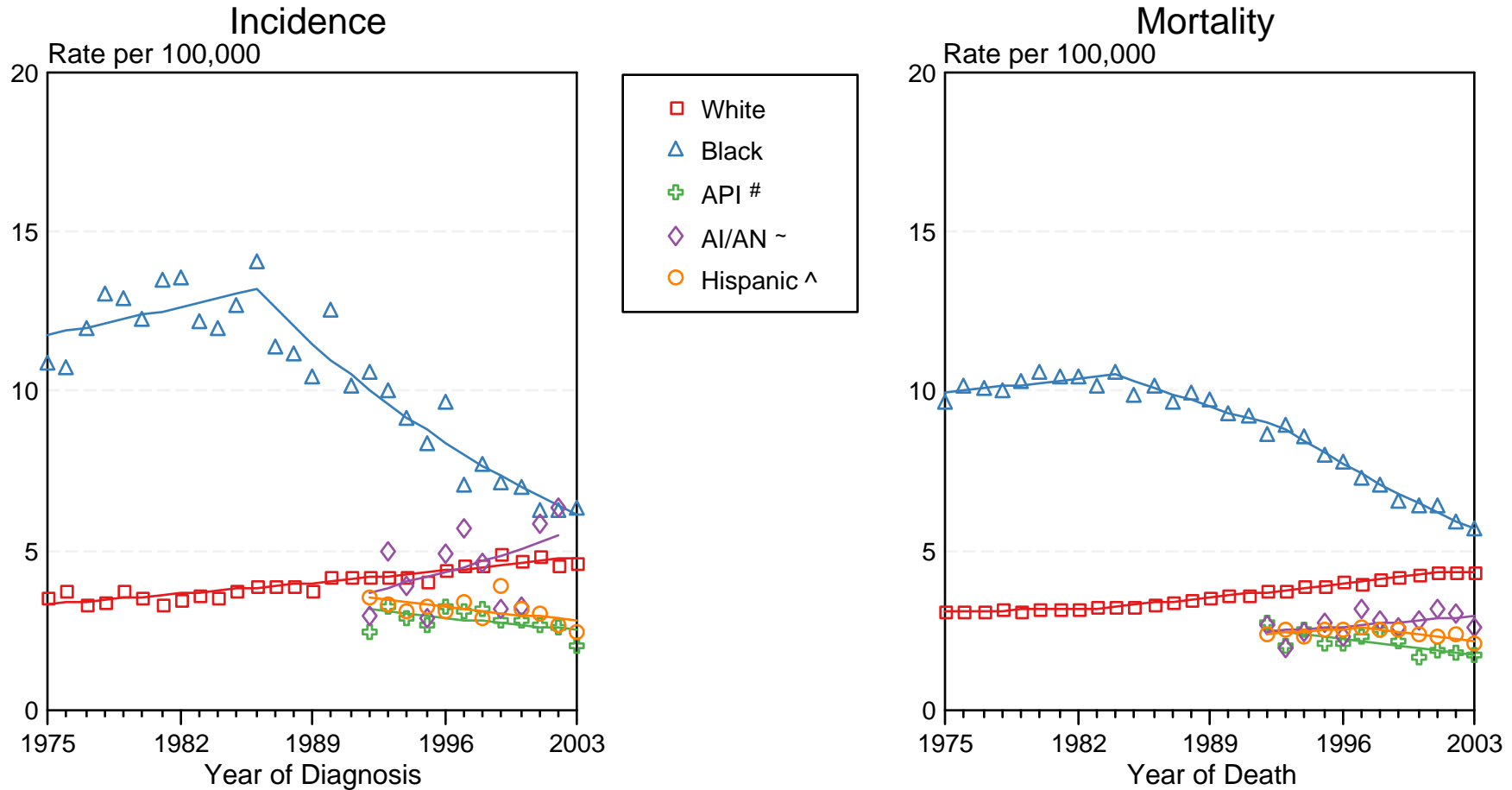


Figure VIII-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.7	3.0	2.3	-0.1	0.2	-0.4
White	2.9	3.2	2.6	-0.3	0.0	-0.7
White Hispanic ^d	2.2	2.9	1.6	0.3	2.6	-3.0
White Non-Hispanic ^d	3.2	3.5	2.9	-0.3	-0.4	-0.2
Black	2.4	2.8	2.0	1.4	1.7	1.4
Asian/Pacific Islander	1.2	1.4	1.0	5.4*	6.1*	4.5
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	2.2	2.9	1.6	0.3	2.6	-2.9

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.5	0.6	0.4	-2.3*	-2.2*	-2.3*
White	0.5	0.6	0.4	-2.0*	-1.9*	-2.1*
White Hispanic ^d	0.5	0.6	0.3	-5.1*	-4.2*	-5.8*
White Non-Hispanic ^d	0.5	0.6	0.4	-1.8*	-1.7*	-1.8*
Black	0.4	0.5	0.3	-4.5*	-4.6*	-4.0*
Asian/Pacific Islander	0.2	0.3	0.2	-	-	-
Amer Ind/Alaska Nat	0.3	-	-	-	-	-
Hispanic ^d	0.4	0.6	0.3	-5.2*	-4.4*	-6.0*

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	2.7	3.0	2.3	3.2	2.6	2.8	2.0	1.4	1.0	2.9	1.6
13 SEER Areas ^c	2.6	3.0	2.3	3.3	2.5	3.0	2.1	1.5	1.1	3.0	1.5
11 SEER Areas ^c	2.6	3.1	2.3	3.3	2.5	2.9	2.1	1.5	1.1	3.0	1.5
9 SEER Areas ^c	2.7	3.1	2.4	3.3	2.6	3.0	2.1	1.7	1.1	2.8	1.7
San Francisco-Oakland	2.5	3.0	2.0	3.3	2.3	-	-	2.1	1.2	3.7	1.5
Connecticut	3.6	4.1	3.2	4.1	3.3	5.0	3.3	-	-	4.5	2.1
Metropolitan Detroit	3.2	3.6	2.8	3.8	3.0	3.4	2.5	-	-	-	-
Hawaii	1.6	2.1	1.2	-	-	-	-	1.8	1.1	-	-
Iowa	2.8	3.0	2.7	3.0	2.6	-	-	-	-	-	-
New Mexico	2.1	2.5	1.8	2.7	1.9	-	-	-	-	2.1	1.4
Seattle-Puget Sound	2.9	3.4	2.5	3.8	2.7	-	-	-	-	-	-
Utah	2.1	2.3	2.0	2.3	2.1	-	-	-	-	-	-
Metropolitan Atlanta	2.5	2.9	2.2	3.2	2.6	2.6	1.7	-	-	-	-
San Jose-Monterey	2.7	3.3	2.2	3.9	2.4	-	-	-	1.5	2.7	1.9
Los Angeles	2.4	2.8	2.0	3.1	2.2	2.8	2.0	1.1	0.8	3.1	1.4
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	2.4	2.7	2.0	2.8	2.2	3.0	2.0	1.0	0.9	2.5	1.5
Kentucky	3.1	3.5	2.7	3.5	2.8	3.5	-	-	-	-	-
Louisiana	2.7	2.9	2.4	3.4	2.8	2.1	1.7	-	-	-	-
New Jersey	3.4	3.6	3.2	4.0	3.6	2.5	2.3	1.9	-	4.0	2.5

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	0.5	0.6	0.4	0.6	0.4	0.5	0.3	0.3	0.2	0.5	0.3
13 SEER Areas ^c	0.4	0.6	0.3	0.6	0.4	0.6	0.3	0.3	0.2	0.6	0.3
11 SEER Areas ^c	0.4	0.6	0.3	0.6	0.4	0.6	0.3	0.3	0.2	0.6	0.3
9 SEER Areas ^c	0.4	0.5	0.3	0.5	0.4	0.6	0.3	0.4	-	-	-
San Francisco-Oakland	0.4	0.5	0.3	0.5	0.3	-	-	-	-	-	-
Connecticut	0.4	0.7	0.3	0.6	0.3	-	-	-	-	-	-
Metropolitan Detroit	0.5	0.6	0.4	0.7	0.4	-	-	-	-	-	-
Hawaii	0.4	-	-	-	-	-	-	-	-	-	-
Iowa	0.4	0.5	0.4	0.5	0.4	-	-	-	-	-	-
New Mexico	0.4	-	0.5	-	0.5	-	-	-	-	-	-
Seattle-Puget Sound	0.5	0.6	0.4	0.6	0.4	-	-	-	-	-	-
Utah	0.3	-	-	-	-	-	-	-	-	-	-
Metropolitan Atlanta	0.5	0.6	0.4	0.6	-	-	-	-	-	-	-
San Jose-Monterey	0.4	0.6	-	0.7	-	-	-	-	-	-	-
Los Angeles	0.5	0.6	0.3	0.7	0.4	-	-	-	-	0.7	0.3
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	0.4	0.5	0.4	0.5	0.4	-	-	-	-	0.5	0.2
Kentucky	0.6	0.8	0.4	0.8	0.4	-	-	-	-	-	-
Louisiana	0.5	0.5	0.4	0.5	0.5	-	-	-	-	-	-
New Jersey	0.5	0.6	0.5	0.6	0.6	-	-	-	-	-	-
Total U.S.	0.5	0.6	0.4	0.6	0.4	0.5	0.3	0.3	0.2	0.6	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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

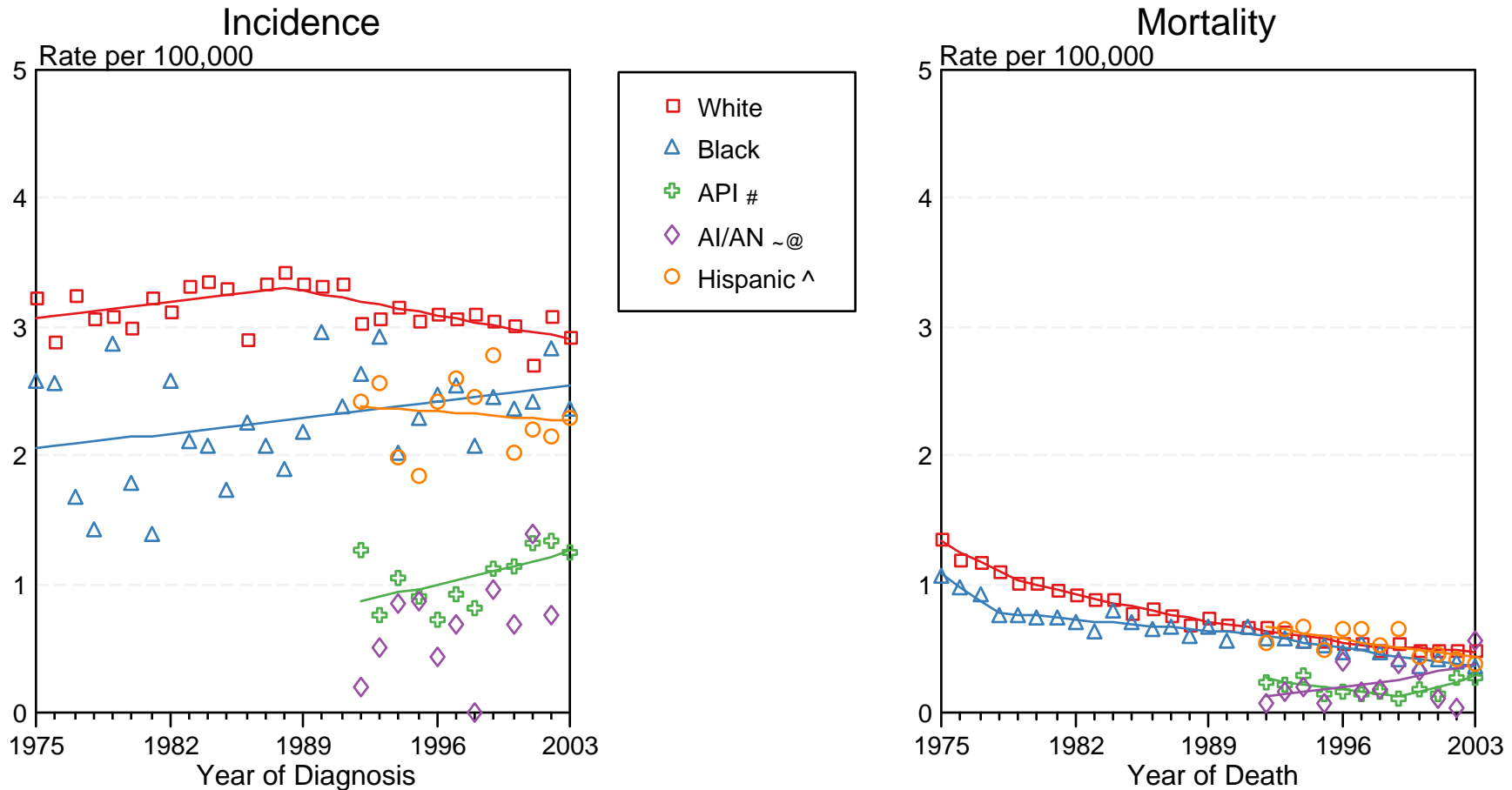


Figure IX-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

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

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b Rate per 100,000 persons			Trend 1994-2003 ^c APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.7	1.3	0.1	-20.7*	-21.1*	-7.3*
White	0.6	1.1	0.1	-22.7*	-23.2*	-6.5*
White Hispanic ^d	1.0	1.7	0.2	-19.2*	-20.3*	-
White Non-Hispanic ^d	0.6	1.1	0.1	-23.8*	-24.3*	-9.1*
Black	1.3	2.7	0.1	-14.3*	-14.3*	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	1.0	1.7	0.2	-18.6*	-19.5*	-

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- * The APC is significantly different from zero (p<.05).

Table X-12
KAPOSI SARCOMA CANCER (Invasive)
AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	0.7	1.3	0.1	1.1	0.1	2.7	0.1	0.4	-	1.7	0.2
13 SEER Areas ^c	0.8	1.6	0.1	1.4	0.1	3.5	0.2	0.4	-	2.0	0.2
11 SEER Areas ^c	0.8	1.6	0.1	1.4	0.1	3.5	0.2	0.4	-	2.0	0.2
9 SEER Areas ^c	0.7	1.4	0.1	1.1	0.1	3.4	-	0.4	-	1.6	-
San Francisco-Oakland	1.4	2.7	0.2	3.0	-	4.5	-	-	-	2.3	-
Connecticut	0.5	0.8	0.2	0.7	0.2	-	-	-	-	-	-
Metropolitan Detroit	0.5	1.1	-	0.8	-	2.0	-	-	-	-	-
Hawaii	0.5	0.8	-	-	-	-	-	-	-	-	-
Iowa	0.2	0.3	-	-	-	-	-	-	-	-	-
New Mexico	0.4	0.8	-	0.8	-	-	-	-	-	-	-
Seattle-Puget Sound	0.5	1.0	-	0.9	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-	-	-
Metropolitan Atlanta	1.5	3.0	-	1.8	-	4.9	-	-	-	-	-
San Jose-Monterey	0.4	0.7	-	0.7	-	-	-	-	-	-	-
Los Angeles	1.2	2.4	0.1	2.3	0.1	3.9	-	-	-	2.4	-
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	0.5	1.0	0.1	0.9	0.1	1.8	-	-	-	1.6	-
Kentucky	0.2	0.5	-	0.5	-	-	-	-	-	-	-
Louisiana	0.6	1.0	0.2	0.8	0.2	1.4	-	-	-	-	-
New Jersey	0.6	1.2	0.1	0.9	0.1	2.5	-	-	-	1.1	-

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	12.6	17.5	8.7	1.9*	1.7*	1.9*
White	13.0	18.0	9.0	2.2*	1.9*	2.2*
White Hispanic ^d	12.4	16.4	9.2	2.6*	3.1*	1.5
White Non-Hispanic ^d	12.9	17.9	8.8	1.9*	1.6*	2.1*
Black	14.1	20.1	9.7	1.1	1.4	0.8
Asian/Pacific Islander	6.3	8.8	4.4	1.4	1.3	1.8*
Amer Ind/Alaska Nat ^e	14.9	20.9	10.0	-2.0	0.5	-
Hispanic ^d	12.1	16.0	9.0	2.7*	3.2*	1.6

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.2	6.1	2.8	-0.3	-0.2	-0.8*
White	4.3	6.2	2.8	-0.2	-0.1	-0.7*
White Hispanic ^d	3.8	5.5	2.4	0.3	0.3	-0.1
White Non-Hispanic ^d	4.3	6.3	2.8	-0.1	0.0	-0.7*
Black	4.1	6.2	2.8	-0.5	-0.4	-0.7
Asian/Pacific Islander	1.8	2.6	1.2	-1.9	-2.2	-1.3
Amer Ind/Alaska Nat	4.7	6.4	3.2	0.1	0.0	-1.1
Hispanic ^d	3.6	5.3	2.4	0.3	0.2	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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	12.6	17.5	8.7	18.0	9.0	20.1	9.7	8.8	4.4	16.0	9.0
13 SEER Areas ^c	12.1	16.7	8.4	17.3	8.7	20.3	9.7	9.0	4.6	15.9	8.6
11 SEER Areas ^c	12.1	16.7	8.4	17.3	8.7	20.4	9.7	9.0	4.6	16.0	8.6
9 SEER Areas ^c	12.6	17.4	8.8	17.7	8.9	21.1	10.4	10.3	4.9	17.3	8.8
San Francisco-Oakland	10.2	14.0	7.2	15.3	7.7	15.8	9.9	8.0	4.2	15.9	7.1
Connecticut	13.9	19.3	9.6	19.3	9.5	19.1	9.9	-	-	15.2	12.5
Metropolitan Detroit	14.9	20.8	10.5	19.8	10.0	25.6	12.7	-	-	18.7	-
Hawaii	9.8	14.3	6.0	16.1	6.9	-	-	13.4	5.6	-	-
Iowa	14.2	18.9	10.4	18.7	10.3	-	-	-	-	-	-
New Mexico	11.6	16.0	7.9	16.0	7.6	-	-	-	-	19.0	9.3
Seattle-Puget Sound	13.4	18.7	9.0	19.0	9.2	22.1	11.6	11.1	5.6	-	-
Utah	10.2	13.0	7.8	13.2	7.9	-	-	-	-	15.8	-
Metropolitan Atlanta	11.8	17.2	7.6	16.9	7.4	19.8	8.3	-	-	12.9	-
San Jose-Monterey	9.8	13.3	6.9	14.7	7.8	-	-	6.7	3.3	14.0	12.4
Los Angeles	11.0	15.4	7.6	16.7	8.1	19.0	8.3	7.2	4.3	15.4	7.9
Rural Georgia	11.7	17.5	6.8	18.2	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	11.6	16.2	7.7	16.8	8.0	17.9	8.4	8.0	3.7	16.4	9.9
Kentucky	15.2	21.0	10.8	20.9	10.7	22.4	13.4	-	-	-	-
Louisiana	15.7	21.5	11.3	21.8	11.7	21.6	10.5	-	-	16.4	-
New Jersey	13.8	19.4	9.5	19.8	9.7	18.5	8.4	8.2	3.9	14.6	7.9

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.1	5.9	2.6	6.2	2.7	6.3	2.7	3.0	1.2	5.0	2.5
13 SEER Areas ^c	3.9	5.7	2.5	6.0	2.6	6.3	2.6	2.9	1.3	5.0	2.3
11 SEER Areas ^c	3.9	5.7	2.5	6.0	2.6	6.3	2.6	2.9	1.3	5.0	2.3
9 SEER Areas ^c	4.0	5.9	2.5	6.2	2.6	6.2	2.8	2.9	1.2	5.1	2.2
San Francisco-Oakland	3.2	4.6	2.2	5.2	2.4	5.3	3.2	2.1	0.9	5.5	-
Connecticut	3.7	5.7	2.2	5.9	2.1	4.4	3.3	-	-	-	-
Metropolitan Detroit	4.6	6.9	2.9	6.9	3.0	7.3	2.7	-	-	-	-
Hawaii	2.9	4.2	1.7	5.7	-	-	-	3.8	1.8	-	-
Iowa	5.1	7.8	3.1	7.8	3.1	-	-	-	-	-	-
New Mexico	4.5	6.7	2.8	6.5	2.7	-	-	-	-	6.5	3.2
Seattle-Puget Sound	4.1	5.9	2.6	6.0	2.8	-	-	-	-	-	-
Utah	3.2	4.7	2.0	4.7	1.9	-	-	-	-	-	-
Metropolitan Atlanta	3.6	5.5	2.3	5.6	2.3	6.0	2.4	-	-	-	-
San Jose-Monterey	3.1	3.9	2.4	4.2	2.8	-	-	-	-	2.9	3.8
Los Angeles	3.7	5.5	2.4	5.8	2.6	6.9	2.3	3.1	1.5	5.3	2.2
Rural Georgia	3.9	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	3.9	5.7	2.4	5.9	2.5	5.4	2.6	3.3	1.2	5.5	3.2
Kentucky	4.8	7.0	3.3	7.0	3.3	6.7	3.4	-	-	-	-
Louisiana	5.2	7.3	3.6	7.5	3.9	7.0	3.0	-	-	-	-
New Jersey	4.2	6.1	2.8	6.3	2.9	5.9	2.2	2.4	-	3.1	-
Total U.S.	4.2	6.1	2.8	6.2	2.8	6.2	2.8	2.6	1.2	5.3	2.4

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Kidney and Renal Pelvis Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

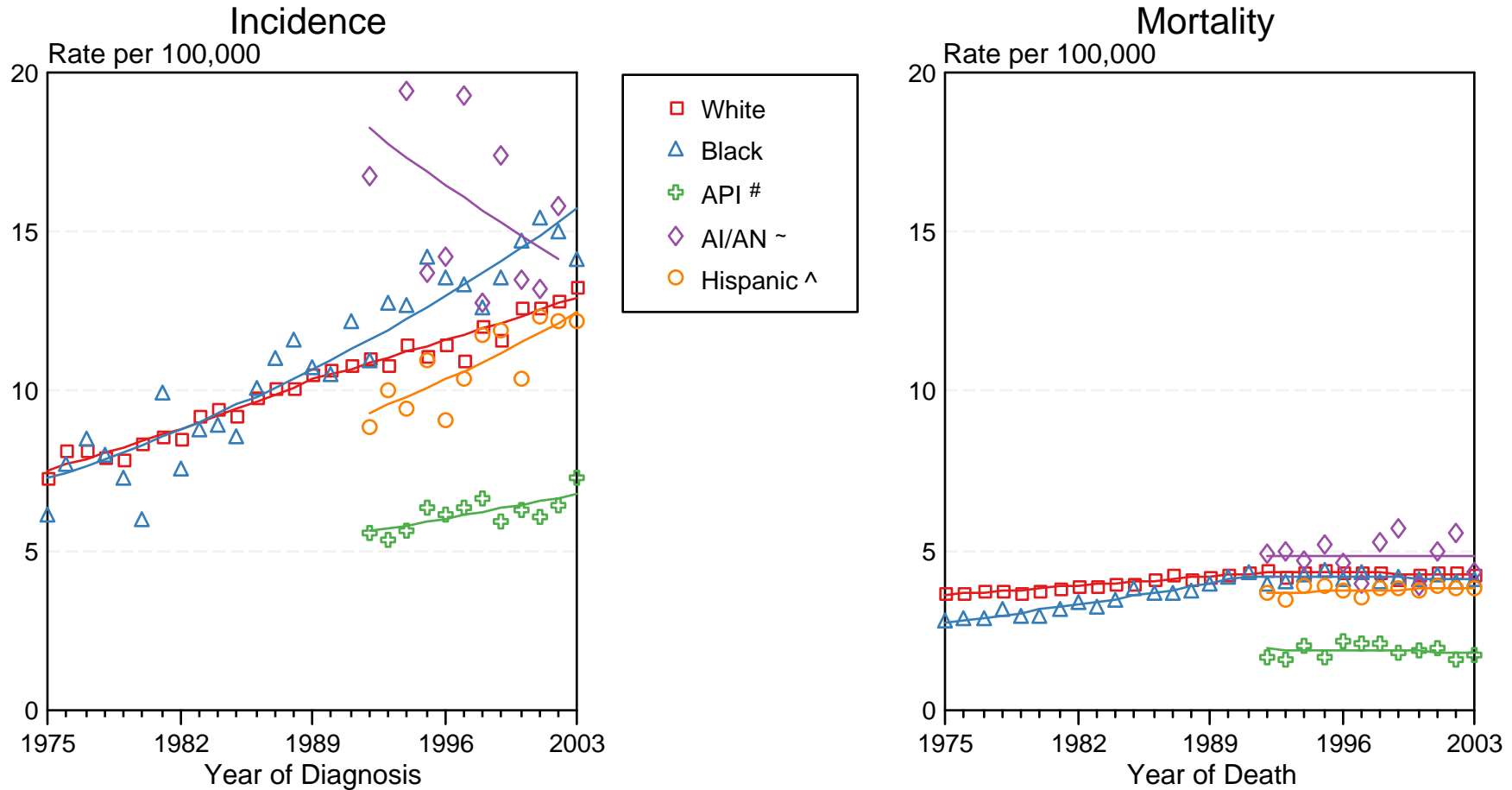


Figure XI-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	3.8	6.7	1.4	-3.7*	-3.5*	-4.5*
White	3.7	6.6	1.4	-3.6*	-3.6*	-4.1*
White Hispanic ^d	2.7	5.4	0.7	-2.6*	-1.8	-
White Non-Hispanic ^d	3.8	6.6	1.5	-3.5*	-3.6*	-3.7*
Black	6.1	11.7	2.0	-3.8*	-3.6*	-4.4
Asian/Pacific Islander	1.5	3.1	0.3	-3.3*	-2.3	-
Amer Ind/Alaska Nat ^e	1.7	-	-	-	-	-
Hispanic ^d	2.7	5.3	0.7	-2.6*	-1.8	-

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	1.3	2.4	0.5	-2.1*	-2.4*	-1.8*
White	1.2	2.2	0.5	-1.8*	-2.2*	-1.5*
White Hispanic ^d	1.0	2.0	0.2	-3.6*	-4.2*	-2.5
White Non-Hispanic ^d	1.3	2.3	0.5	-1.6*	-2.0*	-1.5*
Black	2.6	5.1	0.9	-2.9*	-3.0*	-2.8*
Asian/Pacific Islander	0.4	0.8	0.1	-3.9	-3.1	-
Amer Ind/Alaska Nat	1.0	1.7	0.5	-	-	-
Hispanic ^d	0.9	1.9	0.2	-3.7*	-4.3*	-2.8

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	3.8	6.7	1.4	6.6	1.4	11.7	2.0	3.1	0.3	5.3	0.7
13 SEER Areas ^c	3.4	6.1	1.2	6.0	1.3	10.8	2.0	3.1	0.3	5.2	0.7
11 SEER Areas ^c	3.4	6.1	1.2	6.0	1.3	10.9	2.0	3.1	0.3	5.2	0.7
9 SEER Areas ^c	3.6	6.5	1.3	6.3	1.3	10.9	2.1	3.4	0.3	5.3	0.9
San Francisco-Oakland	2.9	5.4	1.0	5.5	1.0	9.4	2.2	3.1	-	4.0	-
Connecticut	4.1	7.5	1.5	7.2	1.4	11.6	-	-	-	8.1	-
Metropolitan Detroit	4.9	8.9	1.8	8.0	1.7	12.8	2.4	-	-	-	-
Hawaii	3.0	5.8	0.6	9.1	-	-	-	4.3	-	-	-
Iowa	4.2	7.3	1.6	7.3	1.6	-	-	-	-	-	-
New Mexico	3.3	5.5	1.5	5.8	1.5	-	-	-	-	5.9	-
Seattle-Puget Sound	2.9	5.1	1.0	5.3	1.1	-	-	-	-	-	-
Utah	1.9	3.3	0.7	3.4	0.8	-	-	-	-	-	-
Metropolitan Atlanta	4.1	7.4	1.6	6.7	1.5	9.7	2.2	-	-	-	-
San Jose-Monterey	2.3	3.7	1.0	3.9	1.2	-	-	-	-	5.1	-
Los Angeles	3.0	5.6	1.0	5.6	1.1	10.8	1.8	2.7	-	5.3	0.5
Rural Georgia	6.0	10.7	-	12.8	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	3.2	5.7	1.1	5.8	1.2	8.3	1.5	3.2	-	5.1	0.6
Kentucky	5.9	10.2	2.6	10.0	2.6	15.3	-	-	-	-	-
Louisiana	5.9	10.6	2.3	9.2	2.2	15.6	2.3	-	-	-	-
New Jersey	4.2	7.7	1.5	7.4	1.5	12.0	1.9	4.0	-	6.9	-

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	1.2	2.2	0.5	2.1	0.5	5.5	0.8	0.9	-	1.7	0.2
13 SEER Areas ^c	1.2	2.1	0.4	2.0	0.4	5.4	0.9	0.8	-	1.8	0.2
11 SEER Areas ^c	1.2	2.1	0.4	2.0	0.4	5.4	0.9	0.8	-	1.8	0.2
9 SEER Areas ^c	1.2	2.2	0.5	2.0	0.5	5.6	0.9	1.0	-	2.0	-
San Francisco-Oakland	1.0	1.8	0.4	1.6	0.3	5.6	-	-	-	-	-
Connecticut	1.2	2.3	0.5	2.2	0.5	-	-	-	-	-	-
Metropolitan Detroit	1.7	2.9	0.8	2.1	0.7	6.2	0.9	-	-	-	-
Hawaii	0.8	1.5	-	-	-	-	-	1.2	-	-	-
Iowa	1.2	2.3	0.4	2.2	0.3	-	-	-	-	-	-
New Mexico	1.2	2.2	0.5	2.2	0.5	-	-	-	-	2.7	-
Seattle-Puget Sound	1.1	1.8	0.5	1.9	0.5	-	-	-	-	-	-
Utah	0.6	1.0	-	0.9	-	-	-	-	-	-	-
Metropolitan Atlanta	1.5	2.9	0.6	1.9	-	6.4	-	-	-	-	-
San Jose-Monterey	0.6	1.1	-	1.2	-	-	-	-	-	-	-
Los Angeles	1.2	2.3	0.4	2.3	0.4	5.1	1.0	-	-	1.7	-
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	1.0	1.8	0.4	1.8	0.4	5.0	-	0.8	-	1.5	-
Kentucky	1.7	3.2	0.6	3.2	0.6	4.5	-	-	-	-	-
Louisiana	1.9	3.6	0.6	3.0	0.5	6.0	0.9	-	-	-	-
New Jersey	1.3	2.3	0.5	2.0	0.5	5.8	0.8	-	-	2.0	-
Total U.S.	1.3	2.4	0.5	2.2	0.5	5.1	0.9	0.8	0.1	1.9	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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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.

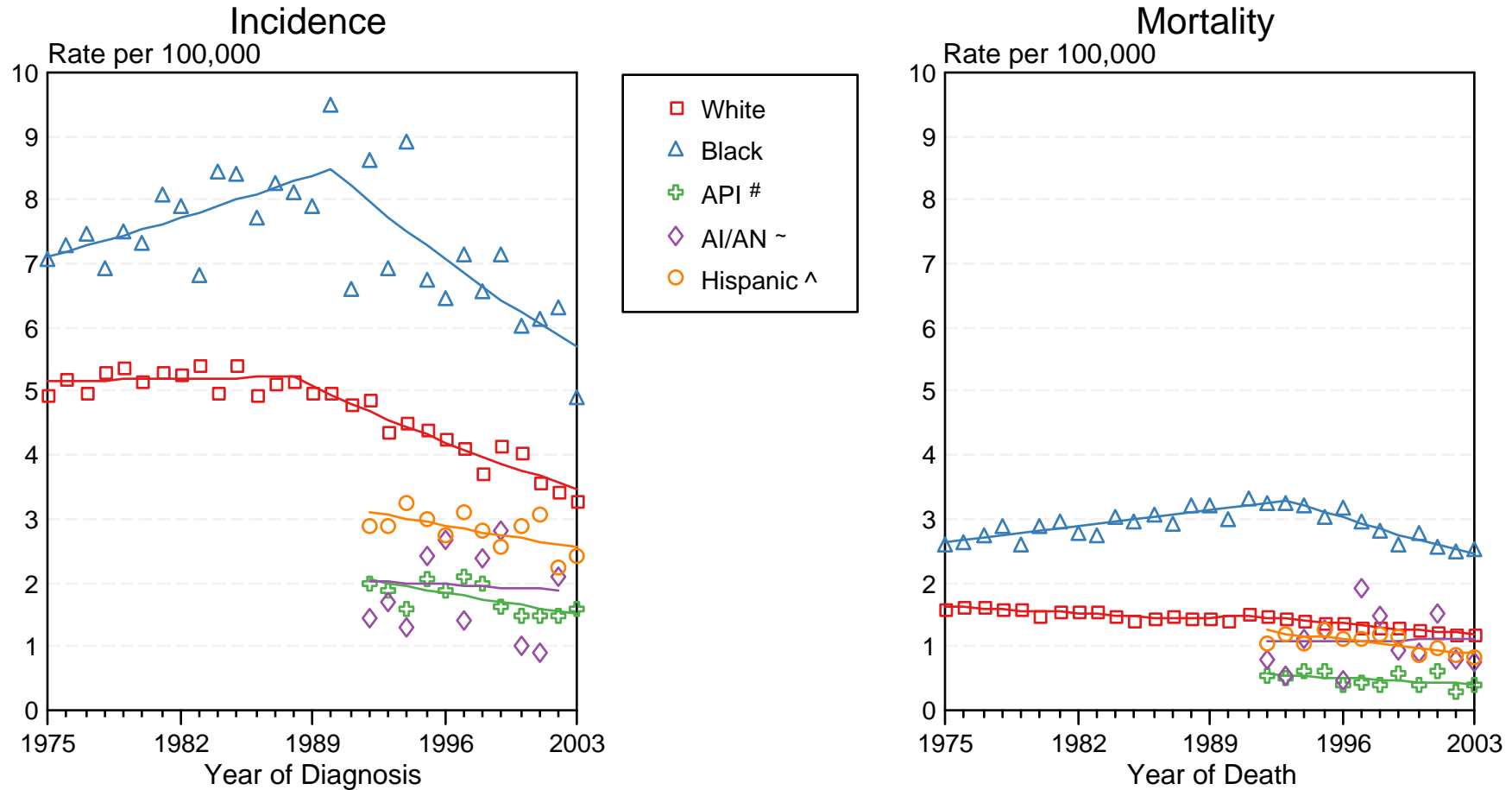
The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

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

SEER Incidence and US Death Rates* Larynx Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003



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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	12.2	15.9	9.4	-0.9*	-1.0*	-1.0*
White	12.7	16.5	9.8	-0.9*	-1.0*	-1.0
White Hispanic ^d	9.7	12.0	8.0	-2.2*	-1.9	-2.4
White Non-Hispanic ^d	12.8	16.8	9.8	-0.6	-0.9	-0.6
Black	10.1	12.9	8.0	-0.5	-0.8	-0.4
Asian/Pacific Islander	7.3	9.2	5.9	-1.4*	-1.0	-1.7
Amer Ind/Alaska Nat ^e	7.1	8.6	5.7	2.0	-	-
Hispanic ^d	9.5	11.7	7.8	-2.2*	-1.8	-2.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	7.5	10.1	5.8	-0.6*	-0.8*	-0.7*
White	7.8	10.4	5.9	-0.5*	-0.6*	-0.6*
White Hispanic ^d	5.4	6.8	4.4	-0.5	-0.6	-0.6
White Non-Hispanic ^d	7.8	10.5	5.9	-0.4*	-0.6*	-0.5*
Black	6.7	8.7	5.3	-1.2*	-1.7*	-0.7
Asian/Pacific Islander	3.9	4.9	3.1	-2.3*	-2.3*	-2.2*
Amer Ind/Alaska Nat	3.9	4.4	3.5	0.0	-1.2	-0.4
Hispanic ^d	5.2	6.5	4.2	-0.6	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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

LEUKEMIA

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

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	12.2	15.9	9.4	16.5	9.8	12.9	8.0	9.2	5.9	11.7	7.8
13 SEER Areas ^c	12.2	15.9	9.4	16.9	10.0	12.3	8.0	9.5	5.7	11.2	7.0
11 SEER Areas ^c	12.2	15.9	9.4	16.9	10.0	12.3	8.0	9.5	5.7	11.2	7.0
9 SEER Areas ^c	12.6	16.4	9.7	17.3	10.2	12.2	8.1	10.3	5.8	11.5	6.7
San Francisco-Oakland	10.2	13.3	7.9	14.1	8.8	12.2	7.1	9.7	4.8	8.3	6.3
Connecticut	12.1	15.9	9.3	16.1	9.6	11.2	6.2	10.7	-	13.6	8.0
Metropolitan Detroit	13.9	17.2	11.4	18.4	11.9	12.7	9.4	-	9.3	13.9	-
Hawaii	10.6	13.3	8.3	17.0	9.9	-	-	10.9	6.9	-	-
Iowa	14.7	19.6	11.1	19.5	11.0	-	-	-	-	-	-
New Mexico	12.5	17.1	8.7	17.8	9.0	-	-	-	-	12.4	6.5
Seattle-Puget Sound	13.8	18.0	10.6	18.6	11.0	11.5	7.5	10.4	5.4	-	-
Utah	12.4	16.3	9.2	16.4	9.4	-	-	-	-	15.6	5.8
Metropolitan Atlanta	11.6	15.2	8.9	16.5	9.7	13.2	7.5	-	-	12.5	7.1
San Jose-Monterey	10.9	14.4	8.3	15.8	9.0	-	-	8.6	5.7	12.9	7.7
Los Angeles	11.3	14.6	8.8	15.6	9.3	12.8	7.9	8.4	5.4	10.7	7.1
Rural Georgia	10.4	13.0	8.7	12.6	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	11.9	15.3	9.2	15.6	9.3	15.8	8.2	8.5	6.3	11.9	8.7
Kentucky	12.6	16.2	10.0	16.3	10.0	12.1	9.0	-	-	-	-
Louisiana	12.4	16.4	9.5	17.5	10.0	13.6	8.2	-	-	16.7	10.4
New Jersey	12.5	16.4	9.8	16.7	9.9	12.6	7.7	6.8	5.7	13.6	8.9

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	<u>All Races</u>			<u>Whites</u>		<u>Blacks</u>		<u>Asian/Pacific Islanders</u>		<u>Hispanics^b</u>	
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	7.4	9.8	5.6	10.3	5.9	9.3	5.6	5.1	3.3	6.5	4.1
13 SEER Areas ^c	7.2	9.7	5.5	10.3	5.8	8.7	5.8	5.5	3.3	6.5	4.1
11 SEER Areas ^c	7.3	9.7	5.5	10.3	5.8	8.7	5.9	5.5	3.3	6.5	4.1
9 SEER Areas ^c	7.4	9.9	5.6	10.5	5.9	8.5	5.8	5.9	3.3	6.7	4.2
San Francisco-Oakland	6.4	8.8	4.6	9.6	5.1	8.6	4.6	6.1	2.8	6.7	3.8
Connecticut	7.5	10.0	5.8	10.2	5.8	9.2	4.5	-	-	4.6	-
Metropolitan Detroit	8.3	10.9	6.5	11.8	6.5	7.5	6.5	-	-	-	-
Hawaii	6.0	7.6	4.6	10.8	6.9	-	-	6.8	4.0	-	-
Iowa	8.4	11.6	6.1	11.6	6.1	-	-	-	-	-	-
New Mexico	6.7	9.1	4.9	9.5	5.1	-	-	-	-	7.1	4.5
Seattle-Puget Sound	7.8	10.2	6.1	10.6	6.4	7.8	-	5.1	2.8	-	-
Utah	7.1	9.6	5.3	9.6	5.3	-	-	-	-	-	-
Metropolitan Atlanta	7.3	9.9	5.7	10.0	5.6	10.4	6.4	-	-	13.2	6.5
San Jose-Monterey	6.5	8.8	4.8	9.7	5.1	-	-	5.1	3.4	6.4	4.0
Los Angeles	6.8	8.9	5.4	9.7	5.7	9.1	6.1	4.9	3.1	6.2	3.9
Rural Georgia	5.9	8.0	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	7.3	9.6	5.6	10.0	5.8	10.1	5.5	4.2	3.6	6.9	4.1
Kentucky	7.9	10.6	6.0	10.7	6.0	9.8	6.2	-	-	-	-
Louisiana	8.1	11.0	6.2	11.1	6.3	10.7	5.7	-	-	-	-
New Jersey	7.4	9.8	5.7	10.0	6.0	8.7	4.5	3.0	2.0	4.6	4.2
Total U.S.	7.5	10.1	5.8	10.4	5.9	8.7	5.3	4.9	3.1	6.5	4.2

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

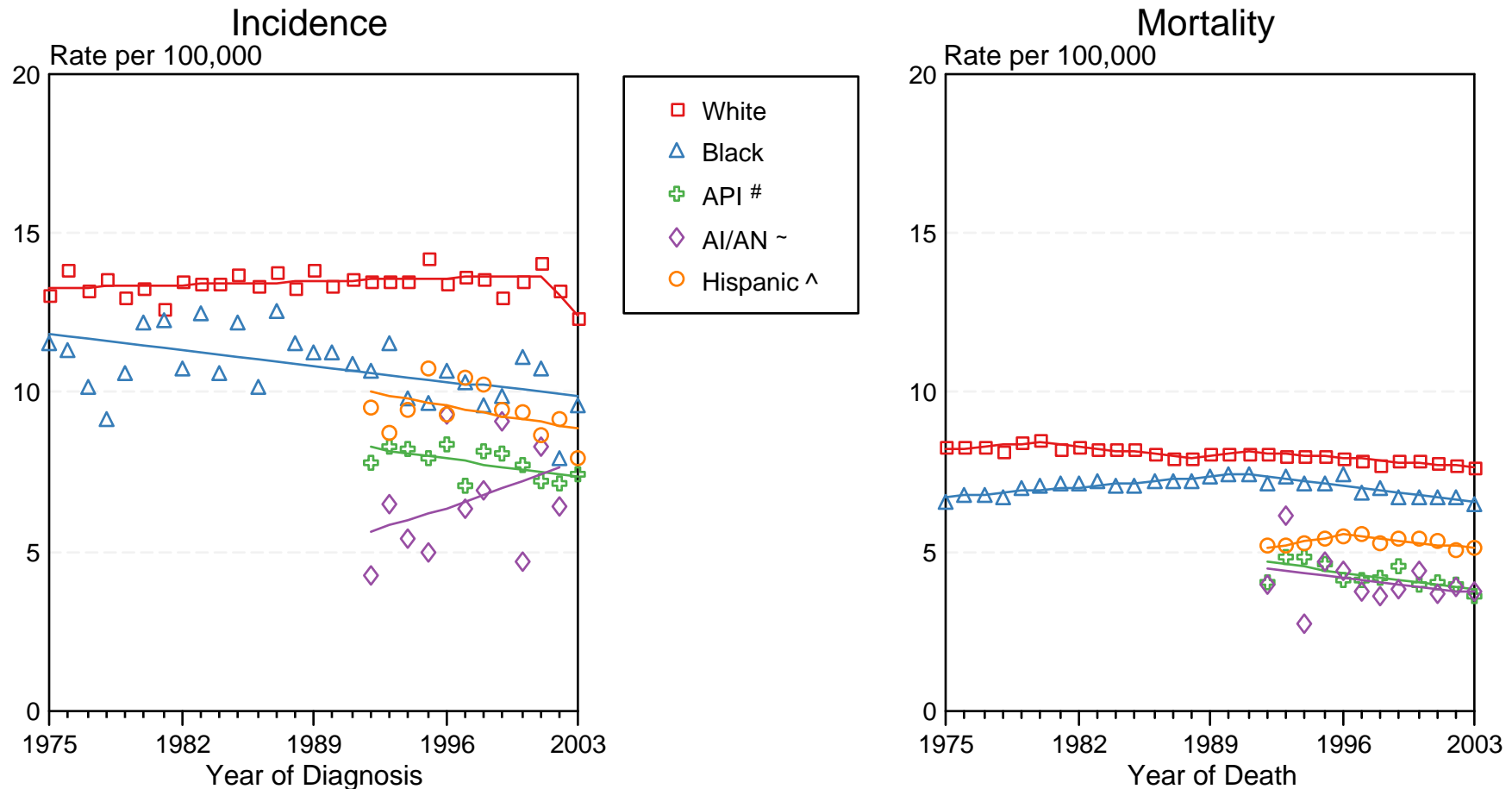


Figure XIII-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	6.0	9.3	3.3	2.6*	2.6*	2.0*
White	5.1	7.8	2.8	2.6*	2.5*	2.0
White Hispanic ^d	9.7	14.5	5.7	1.1	0.5	1.6
White Non-Hispanic ^d	4.5	6.9	2.5	2.3*	2.1*	1.6
Black	7.2	12.1	3.5	3.5*	4.5*	1.2
Asian/Pacific Islander	13.8	20.9	8.0	0.1	0.4	-0.1
Amer Ind/Alaska Nat ^e	9.9	14.5	6.5	-0.8	-	-
Hispanic ^d	9.5	14.1	5.6	1.3	0.7	1.8

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.8	7.1	3.0	1.8*	1.9*	0.9*
White	4.4	6.4	2.8	1.8*	2.1*	0.8*
White Hispanic ^d	7.9	11.2	5.2	2.1*	1.5*	2.3*
White Non-Hispanic ^d	4.2	6.1	2.6	1.5*	1.8*	0.4
Black	6.3	9.8	3.8	1.1*	1.2	0.3
Asian/Pacific Islander	10.7	15.6	6.8	-0.5	-1.1*	0.8
Amer Ind/Alaska Nat	5.9	8.1	3.9	1.0	1.7	-1.2
Hispanic ^d	7.6	10.7	5.0	2.0*	1.5*	2.1*

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races		Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b		
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	6.0	9.3	3.3	7.8	2.8	12.1	3.5	20.9	8.0	14.1	5.6
13 SEER Areas ^c	6.3	9.6	3.5	7.5	2.9	12.8	3.6	21.1	7.9	14.1	5.7
11 SEER Areas ^c	6.3	9.6	3.6	7.6	2.9	13.0	3.7	21.1	7.9	14.1	5.7
9 SEER Areas ^c	5.7	8.7	3.2	6.9	2.6	12.4	3.6	19.8	7.3	14.0	5.2
San Francisco-Oakland	7.9	12.2	4.3	8.5	3.1	14.9	4.6	23.1	7.4	14.9	5.4
Connecticut	4.9	7.9	2.5	7.5	2.3	11.4	3.8	-	-	19.2	-
Metropolitan Detroit	5.9	9.1	3.3	7.6	3.0	14.3	3.6	12.1	-	-	-
Hawaii	9.1	13.7	5.1	8.4	-	-	-	15.9	6.1	-	-
Iowa	3.4	5.0	2.0	4.7	1.9	-	-	38.8	-	-	-
New Mexico	6.6	9.8	3.7	9.3	3.7	-	-	-	-	14.3	5.5
Seattle-Puget Sound	6.0	8.7	3.6	7.3	2.9	15.7	-	25.0	11.1	-	-
Utah	3.0	4.0	2.0	3.5	1.8	-	-	-	-	11.5	-
Metropolitan Atlanta	4.4	6.9	2.4	5.4	1.8	8.3	3.1	24.0	8.4	-	-
San Jose-Monterey	7.7	11.6	4.3	8.7	3.3	-	-	22.8	9.0	16.2	6.5
Los Angeles	7.9	12.0	4.6	9.5	3.8	14.5	3.9	23.1	9.0	13.9	5.9
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	6.2	9.3	3.4	8.2	2.9	11.4	4.3	22.3	8.9	14.3	5.7
Kentucky	4.0	6.1	2.3	5.9	2.3	8.3	-	-	-	-	-
Louisiana	6.0	9.8	3.0	8.9	2.9	11.6	3.2	25.0	-	18.3	-
New Jersey	5.7	9.2	3.0	8.3	2.8	12.1	3.5	15.2	6.0	12.9	4.6

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	5.4	7.8	3.4	6.8	3.0	10.6	3.8	15.7	6.8	10.6	5.2
13 SEER Areas ^c	5.5	8.0	3.5	6.6	3.0	10.8	4.0	15.9	6.6	11.3	5.4
11 SEER Areas ^c	5.5	8.0	3.5	6.6	3.0	10.9	4.1	15.8	6.6	11.2	5.4
9 SEER Areas ^c	5.1	7.4	3.1	6.3	2.7	10.2	3.8	15.0	5.9	11.0	4.8
San Francisco-Oakland	6.7	10.0	4.0	7.5	3.1	13.4	4.7	17.6	6.5	10.9	4.5
Connecticut	4.3	6.4	2.7	6.2	2.6	9.7	3.2	-	-	12.3	-
Metropolitan Detroit	5.3	7.9	3.4	6.9	3.2	11.0	4.0	-	-	-	-
Hawaii	6.9	10.0	4.2	6.3	2.5	-	-	11.6	4.7	-	-
Iowa	3.3	4.9	2.1	4.7	2.0	-	-	-	-	-	-
New Mexico	5.9	8.3	3.8	7.9	3.8	-	-	-	-	11.6	5.6
Seattle-Puget Sound	5.3	7.7	3.3	6.7	2.8	13.2	-	20.0	8.8	18.2	-
Utah	3.2	4.2	2.3	3.7	2.2	-	-	-	-	-	-
Metropolitan Atlanta	4.5	6.9	2.8	6.1	2.2	6.6	3.3	15.9	-	-	-
San Jose-Monterey	5.8	8.2	3.9	6.3	3.2	-	-	15.4	6.9	9.8	5.5
Los Angeles	6.9	9.7	4.7	7.9	4.1	12.8	4.8	17.6	8.1	11.7	5.7
Rural Georgia	3.3	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	5.4	7.8	3.4	7.0	3.0	9.2	4.0	16.7	7.6	10.7	5.4
Kentucky	4.6	6.6	3.0	6.5	3.0	7.9	3.0	-	-	-	-
Louisiana	6.3	9.5	3.9	8.8	3.8	11.4	3.9	-	-	-	-
New Jersey	4.8	7.3	2.9	6.7	2.7	10.7	3.1	10.0	5.1	7.4	3.5
Total U.S.	4.8	7.1	3.0	6.4	2.8	9.8	3.8	15.6	6.8	10.7	5.0

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Liver and Intrahepatic Bile Duct Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

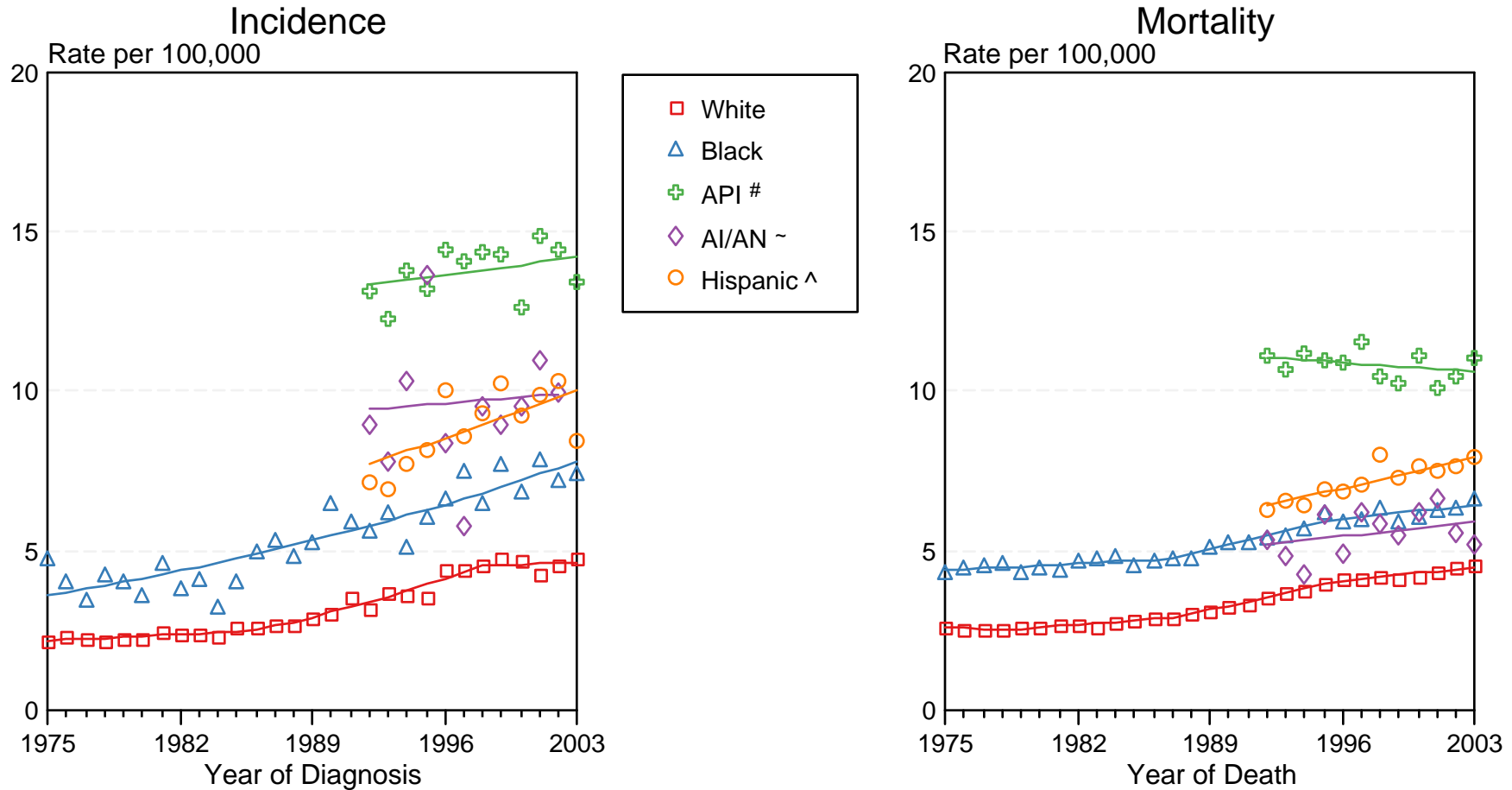


Figure XIV-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	64.8	82.1	52.3	-1.2*	-2.0*	-0.3
White	66.0	81.7	54.7	-1.1*	-2.0*	-0.2
White Hispanic ^d	33.3	45.5	24.5	-1.8*	-2.2*	-1.4*
White Non-Hispanic ^d	67.3	81.9	56.8	-1.0*	-2.0*	-0.1
Black	76.9	112.2	53.1	-1.3*	-2.4*	0.3
Asian/Pacific Islander	39.6	55.7	27.3	-0.8*	-1.0*	-0.2
Amer Ind/Alaska Nat ^e	43.1	55.5	33.8	-3.9*	-5.2*	-1.6
Hispanic ^d	32.6	44.7	24.0	-1.9*	-2.2*	-1.5*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	55.1	74.2	41.2	-0.9*	-1.9*	0.4*
White	55.3	73.4	42.2	-0.7*	-1.8*	0.5*
White Hispanic ^d	24.7	37.8	15.3	-1.3*	-2.3*	0.1
White Non-Hispanic ^d	57.7	76.2	44.3	-0.6*	-1.7*	0.6*
Black	62.5	97.2	39.8	-1.6*	-2.7*	0.3
Asian/Pacific Islander	27.2	38.6	18.6	-1.3*	-1.6*	-0.7
Amer Ind/Alaska Nat	33.1	41.4	26.8	-2.0*	-3.8*	0.3
Hispanic ^d	23.9	36.6	14.7	-1.3*	-2.2*	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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races		Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b		
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	64.8	82.1	52.3	81.7	54.7	112.2	53.1	55.7	27.3	44.7	24.0
13 SEER Areas ^c	59.7	75.3	48.4	74.4	50.7	109.2	53.9	57.6	27.9	43.3	22.0
11 SEER Areas ^c	59.6	75.1	48.3	74.3	50.7	108.9	54.3	57.6	27.9	43.3	22.0
9 SEER Areas ^c	63.4	80.1	51.4	79.2	53.5	113.2	56.8	59.7	28.9	49.7	26.3
San Francisco-Oakland	57.0	69.1	48.4	66.0	52.0	106.9	63.3	61.6	29.5	48.7	25.3
Connecticut	68.2	83.6	57.6	83.6	58.6	89.1	51.0	37.7	20.6	65.9	38.6
Metropolitan Detroit	80.7	103.7	64.9	98.9	66.1	128.3	64.1	45.9	23.1	61.5	48.8
Hawaii	49.9	66.7	36.5	74.4	51.9	-	-	63.2	31.6	-	-
Iowa	66.9	89.6	50.7	89.0	50.6	135.2	62.1	-	-	-	-
New Mexico	46.6	59.6	36.7	61.6	39.1	91.5	31.6	-	-	46.9	22.7
Seattle-Puget Sound	70.6	84.0	61.0	84.2	63.8	117.5	56.1	65.6	28.2	-	-
Utah	29.7	40.7	20.9	41.0	20.9	-	-	27.7	23.7	46.9	26.4
Metropolitan Atlanta	65.8	89.3	50.2	85.4	52.7	106.9	46.5	40.1	20.7	40.9	19.4
San Jose-Monterey	49.0	58.6	42.3	60.2	46.4	76.7	43.8	49.5	25.5	44.9	23.4
Los Angeles	50.2	63.5	40.4	60.7	42.2	99.6	48.2	55.9	27.0	38.4	19.0
Rural Georgia	75.5	115.0	45.3	105.2	54.1	135.8	28.8	-	-	-	-
California exclud. SF/SJM/LA	61.6	74.3	52.2	75.3	54.4	97.9	51.1	52.7	27.0	43.8	26.7
Kentucky	100.5	137.6	74.0	137.4	73.9	148.6	79.5	75.0	-	-	-
Louisiana	79.9	112.0	57.0	107.2	60.0	129.6	48.7	48.3	47.0	59.7	27.4
New Jersey	67.2	84.0	55.6	83.3	57.7	102.7	50.9	43.4	18.8	54.8	25.3

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races		Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b		
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	51.0	66.9	39.6	66.8	41.3	95.2	42.7	41.9	19.4	33.2	14.9
13 SEER Areas ^c	46.2	60.2	36.2	59.8	37.9	88.5	42.8	43.4	19.5	34.2	14.8
11 SEER Areas ^c	46.0	59.9	36.1	59.7	37.8	87.9	43.1	43.4	19.6	34.2	14.8
9 SEER Areas ^c	48.5	63.3	38.0	63.1	39.6	89.3	43.8	44.4	19.3	38.9	17.3
San Francisco-Oakland	45.3	56.7	37.2	55.6	40.9	93.4	50.1	46.9	20.1	31.4	17.4
Connecticut	49.4	62.7	40.4	62.6	41.0	72.3	37.2	-	-	35.6	12.6
Metropolitan Detroit	58.8	76.9	46.6	73.9	46.7	93.0	48.6	29.5	14.4	45.3	16.4
Hawaii	35.1	49.2	23.8	55.9	34.2	-	-	46.9	20.7	91.2	35.2
Iowa	51.9	73.0	36.9	72.7	36.9	117.2	57.8	-	-	-	-
New Mexico	38.9	51.5	29.5	53.0	31.4	90.2	-	-	-	42.3	18.3
Seattle-Puget Sound	55.2	67.5	46.3	68.1	48.5	99.6	46.2	48.7	20.1	31.1	17.2
Utah	24.8	34.9	16.7	35.1	16.6	-	-	30.6	-	30.9	19.6
Metropolitan Atlanta	52.0	72.7	38.7	69.2	40.5	88.5	35.6	30.7	-	27.6	-
San Jose-Monterey	37.6	45.6	32.1	46.9	34.9	85.1	35.6	35.7	20.7	31.2	13.4
Los Angeles	40.4	52.7	31.4	50.8	32.4	84.7	41.7	43.7	19.9	31.0	13.2
Rural Georgia	63.9	102.2	36.1	90.2	42.4	130.6	24.8	-	-	-	-
California exclud. SF/SJM/LA	49.5	61.4	40.8	62.5	42.6	82.1	41.1	41.0	20.7	31.3	15.2
Kentucky	80.0	115.1	55.2	114.9	55.1	129.0	60.3	-	-	63.2	53.5
Louisiana	67.3	97.5	45.9	91.1	47.5	120.2	41.7	58.2	-	34.2	14.6
New Jersey	51.8	67.9	40.9	67.3	42.1	89.6	40.2	27.4	13.0	32.9	13.0
Total U.S.	55.1	74.2	41.2	73.4	42.2	97.2	39.8	38.6	18.6	36.6	14.7

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Lung and Bronchus Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

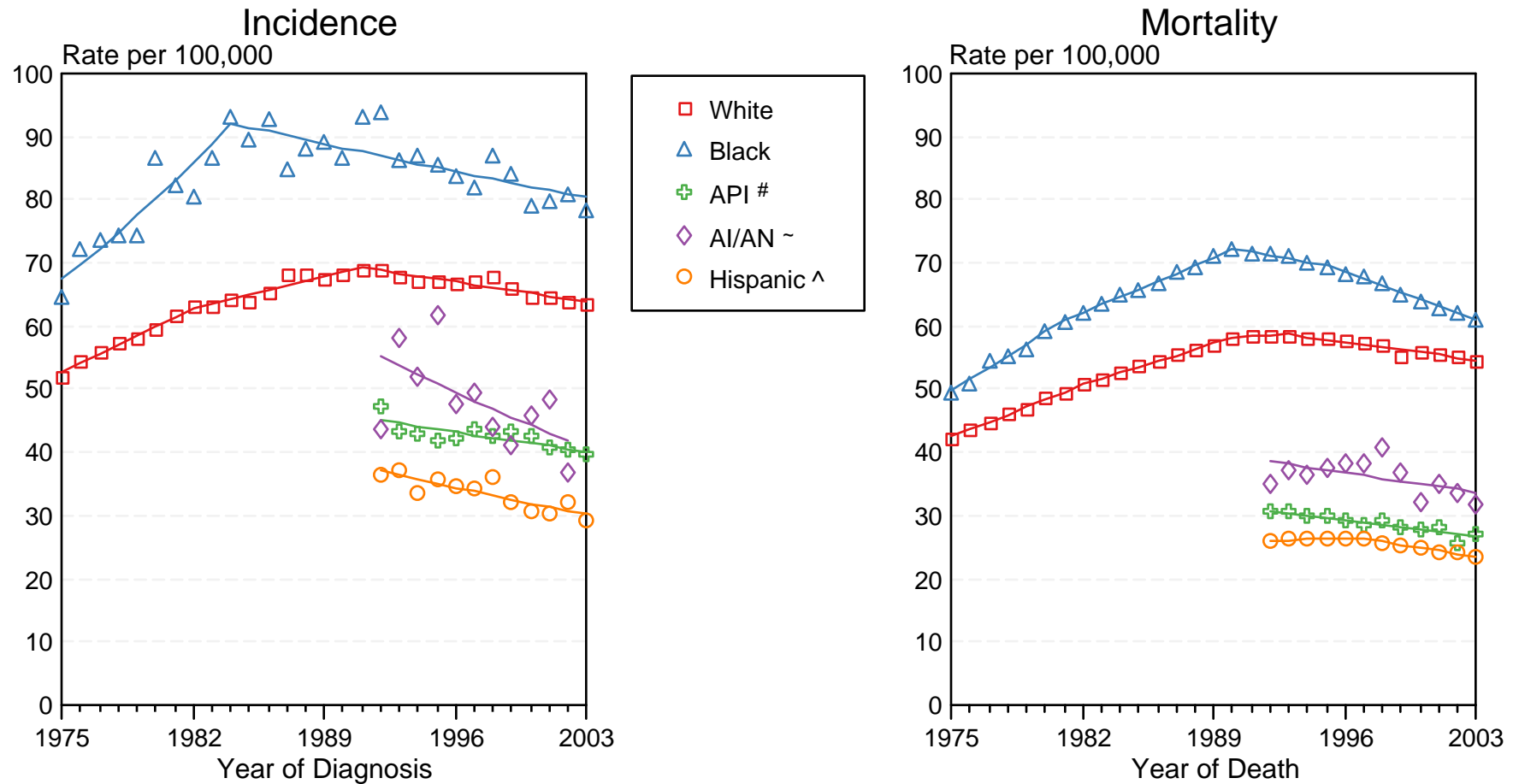


Figure XV-4

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	18.2	23.2	14.7	1.6*	1.6*	1.7*
White	21.1	26.5	17.3	2.1*	1.9*	2.3*
White Hispanic ^d	4.3	4.4	4.4	0.7	0.0	1.3
White Non-Hispanic ^d	24.1	30.2	19.8	2.6*	2.4*	2.9*
Black	1.0	1.1	0.9	-4.6*	-5.7*	-
Asian/Pacific Islander	1.4	1.6	1.2	2.4	1.4	3.5
Amer Ind/Alaska Nat ^e	2.7	-	-	-	-	-
Hispanic ^d	4.3	4.4	4.4	0.3	-0.5	1.1

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.6	3.8	1.8	-0.4	-0.3	-0.7*
White	3.0	4.3	2.0	-0.2	-0.2	-0.5
White Hispanic ^d	0.8	1.0	0.7	-0.4	-2.2	1.3
White Non-Hispanic ^d	3.2	4.6	2.1	-0.1	0.0	-0.4
Black	0.4	0.5	0.4	-1.1	-0.8	-1.2
Asian/Pacific Islander	0.4	0.5	0.3	-1.5	1.9	-
Amer Ind/Alaska Nat	0.8	0.9	0.6	-	-	-
Hispanic ^d	0.8	1.0	0.6	-0.4	-2.1	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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	18.2	23.2	14.7	26.5	17.3	1.1	0.9	1.6	1.2	4.4	4.4
13 SEER Areas ^c	17.5	22.2	14.3	26.5	17.6	1.2	0.6	1.6	1.4	3.9	4.4
11 SEER Areas ^c	17.6	22.3	14.3	26.5	17.6	1.2	0.7	1.6	1.4	3.9	4.4
9 SEER Areas ^c	18.9	23.4	15.7	27.7	19.2	1.2	0.6	1.8	1.5	3.4	5.4
San Francisco-Oakland	14.6	19.3	11.3	25.3	15.3	-	-	1.1	0.9	2.6	5.2
Connecticut	22.3	27.6	18.6	29.2	20.1	-	-	-	-	-	5.8
Metropolitan Detroit	16.8	21.2	13.9	26.8	18.7	-	0.9	-	-	-	-
Hawaii	16.2	21.3	12.1	66.4	36.6	-	-	2.7	2.1	-	-
Iowa	17.7	19.8	16.4	18.9	15.7	-	-	-	-	-	-
New Mexico	17.9	22.6	14.4	24.6	16.1	-	-	-	-	3.4	5.5
Seattle-Puget Sound	22.7	26.9	19.9	30.0	22.8	-	-	-	-	-	-
Utah	21.6	26.2	18.2	27.1	18.9	-	-	-	-	-	-
Metropolitan Atlanta	20.6	28.3	15.6	38.5	24.0	-	-	-	-	-	4.6
San Jose-Monterey	16.4	21.2	12.7	25.2	15.3	-	-	-	-	4.7	4.3
Los Angeles	14.2	19.0	10.8	23.4	13.5	1.1	0.8	1.4	1.2	4.2	3.8
Rural Georgia	12.6	16.8	9.5	25.1	17.1	-	-	-	-	-	-
California exclud. SF/SJM/LA	21.2	27.1	16.9	28.4	17.7	1.4	1.3	1.5	0.9	4.9	4.7
Kentucky	19.9	24.4	16.9	25.0	17.3	-	-	-	-	-	-
Louisiana	10.4	13.6	8.1	17.6	10.8	0.9	1.0	-	-	-	-
New Jersey	18.3	23.6	14.8	27.1	17.6	-	1.1	-	-	4.8	3.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	2.5	3.7	1.6	4.3	1.9	0.5	0.4	0.5	0.3	0.9	0.6
13 SEER Areas ^c	2.2	3.3	1.5	4.0	1.8	0.4	0.3	0.6	0.3	0.8	0.8
11 SEER Areas ^c	2.3	3.3	1.5	4.0	1.8	0.4	0.3	0.6	0.3	0.8	0.8
9 SEER Areas ^c	2.4	3.5	1.5	4.1	1.8	-	0.3	0.8	0.3	0.6	0.8
San Francisco-Oakland	2.4	3.5	1.6	4.7	2.1	-	-	-	-	-	-
Connecticut	2.6	3.7	1.9	4.0	2.0	-	-	-	-	-	-
Metropolitan Detroit	1.8	2.9	1.1	3.5	1.4	-	-	-	-	-	-
Hawaii	1.7	2.5	1.1	6.3	2.7	-	-	1.0	-	-	-
Iowa	2.2	3.4	1.3	3.5	1.3	-	-	-	-	-	-
New Mexico	2.3	3.4	1.5	3.5	1.6	-	-	-	-	-	-
Seattle-Puget Sound	2.8	4.0	1.8	4.3	2.0	-	-	-	-	-	-
Utah	3.2	4.3	2.2	4.5	2.3	-	-	-	-	-	-
Metropolitan Atlanta	2.5	4.0	1.5	5.2	2.1	-	-	-	-	-	-
San Jose-Monterey	2.3	3.1	1.7	3.9	2.1	-	-	-	-	-	-
Los Angeles	1.8	2.8	1.2	3.6	1.5	-	-	-	-	1.0	0.7
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	3.0	4.4	1.9	4.9	2.1	-	-	-	-	1.2	0.5
Kentucky	3.3	4.9	2.2	5.1	2.3	-	-	-	-	-	-
Louisiana	2.3	3.1	1.6	3.9	2.0	1.0	0.6	-	-	-	-
New Jersey	2.6	3.9	1.7	4.5	1.9	-	-	-	-	-	-
Total U.S.	2.6	3.8	1.8	4.3	2.0	0.5	0.4	0.5	0.3	1.0	0.6

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

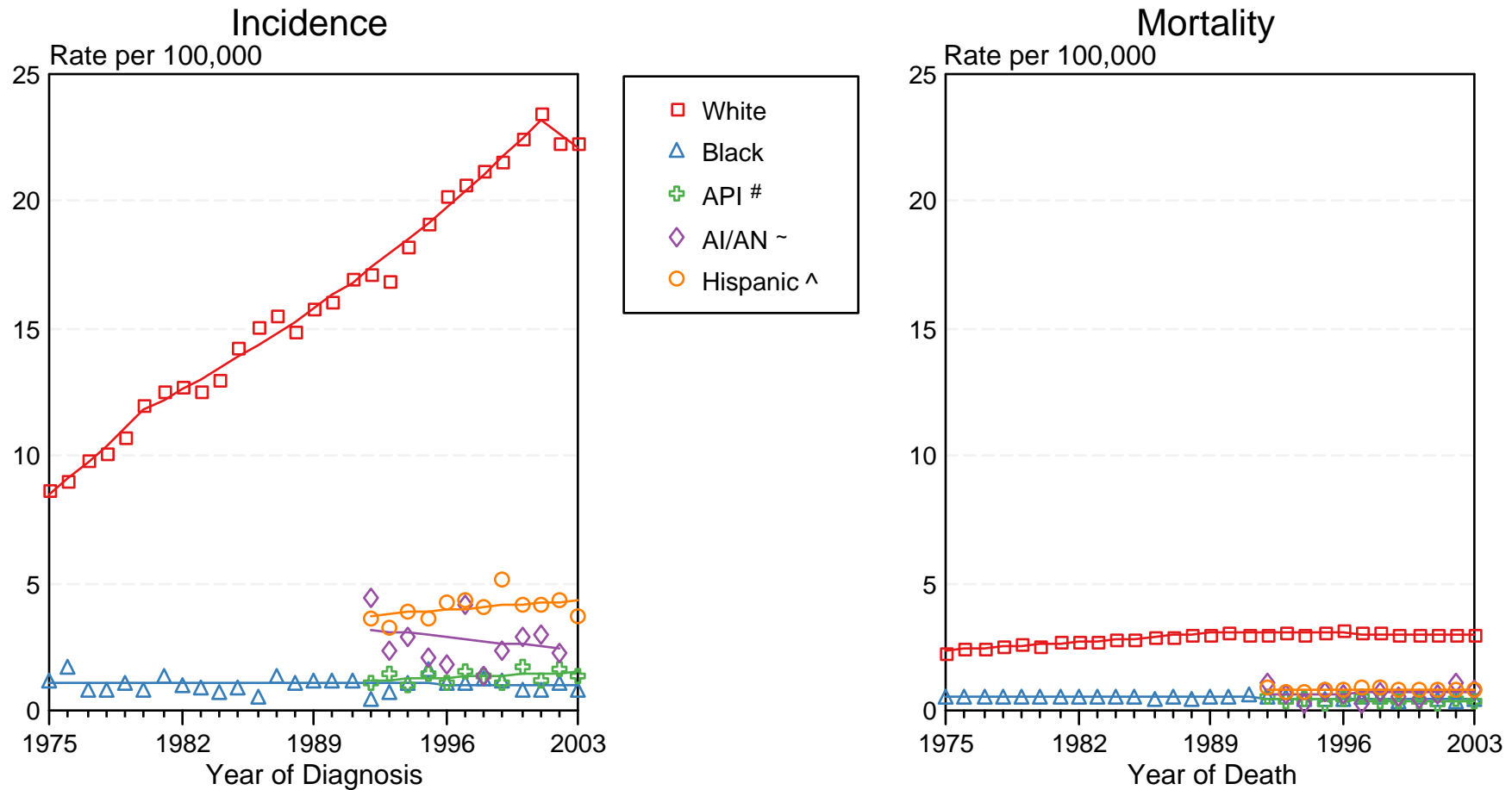


Figure XVI-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b Rate per 100,000 persons			Trend 1994-2003 ^c APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	1.1	2.0	0.4	-1.6*	-1.7*	-1.3*
White	1.2	2.3	0.5	-1.0	-1.3	-0.5
White Hispanic ^d	1.1	1.9	0.5	-1.1	-2.4	-
White Non-Hispanic ^d	1.2	2.3	0.5	-0.6	-1.0	0.7
Black	0.5	1.0	0.2	-7.7*	-	-
Asian/Pacific Islander	0.4	0.6	0.2	-	-	-
Amer Ind/Alaska Nat ^e	-	-	-	-	-	-
Hispanic ^d	1.1	1.9	0.5	-1.0	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- * The APC is significantly different from zero (p<.05).

Table XVII-10
MESOTHELIOMA (Invasive)

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

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	1.1	2.0	0.4	2.3	0.5	1.0	0.2	0.6	0.2	1.9	0.5
13 SEER Areas ^c	1.0	1.8	0.4	2.1	0.4	0.8	-	0.7	-	1.8	0.5
11 SEER Areas ^c	1.0	1.8	0.4	2.1	0.4	0.9	-	0.7	-	1.8	0.5
9 SEER Areas ^c	1.0	1.9	0.4	2.1	0.4	0.7	-	0.8	-	1.9	-
San Francisco-Oakland	1.1	2.0	0.4	2.5	0.4	-	-	-	-	-	-
Connecticut	1.2	2.3	0.4	2.4	0.4	-	-	-	-	-	-
Metropolitan Detroit	1.0	1.8	0.5	2.1	0.6	-	-	-	-	-	-
Hawaii	0.8	1.7	-	3.0	-	-	-	1.2	-	-	-
Iowa	0.7	1.2	0.4	1.2	0.4	-	-	-	-	-	-
New Mexico	0.8	1.6	-	1.7	-	-	-	-	-	2.1	-
Seattle-Puget Sound	1.4	2.8	0.4	3.0	0.4	-	-	-	-	-	-
Utah	1.0	1.8	-	1.8	-	-	-	-	-	-	-
Metropolitan Atlanta	0.5	0.9	-	1.1	-	-	-	-	-	-	-
San Jose-Monterey	0.8	1.3	0.5	1.5	0.6	-	-	-	-	-	-
Los Angeles	1.0	1.7	0.4	2.1	0.5	-	-	-	-	1.8	0.6
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	1.1	2.0	0.4	2.1	0.4	-	-	-	-	2.1	0.3
Kentucky	0.8	1.5	0.4	1.6	0.4	-	-	-	-	-	-
Louisiana	1.2	2.4	0.4	2.8	0.5	1.1	-	-	-	-	-
New Jersey	1.6	3.1	0.6	3.4	0.6	1.4	-	-	-	-	-

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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 (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	5.5	6.9	4.5	-0.5	-0.2	-1.2*
White	5.1	6.5	4.1	-0.3	0.0	-0.9
White Hispanic ^d	5.6	6.8	4.7	-0.3	-0.6	0.1
White Non-Hispanic ^d	5.0	6.4	3.9	-0.3	0.1	-1.2*
Black	10.9	13.7	9.1	-1.5*	0.1	-3.1*
Asian/Pacific Islander	3.3	3.7	3.0	-1.3	-2.5	0.3
Amer Ind/Alaska Nat ^e	6.1	6.2	6.2	-	-	-
Hispanic ^d	5.5	6.8	4.6	-0.3	-0.5	0.2

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	3.8	4.7	3.2	-0.7*	-0.9*	-0.6*
White	3.5	4.4	2.9	-0.6*	-0.7*	-0.7*
White Hispanic ^d	3.2	3.9	2.7	0.0	-0.3	0.0
White Non-Hispanic ^d	3.5	4.4	2.9	-0.5*	-0.6*	-0.6*
Black	7.2	8.5	6.3	-1.2*	-1.8*	-0.8
Asian/Pacific Islander	1.6	1.8	1.5	-1.8	-4.4*	1.2
Amer Ind/Alaska Nat	2.9	3.0	3.0	0.0	-	-
Hispanic ^d	3.2	3.8	2.7	0.1	-0.3	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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	5.5	6.9	4.5	6.5	4.1	13.7	9.1	3.7	3.0	6.8	4.6
13 SEER Areas ^c	5.6	7.0	4.5	6.8	4.2	13.0	9.0	3.8	2.9	6.5	4.4
11 SEER Areas ^c	5.6	7.0	4.5	6.8	4.2	12.9	9.1	3.8	2.9	6.5	4.4
9 SEER Areas ^c	5.7	7.2	4.5	6.9	4.2	12.9	9.1	3.9	3.0	7.2	4.2
San Francisco-Oakland	5.1	6.0	4.3	5.8	4.0	10.7	9.1	3.8	3.1	7.1	3.7
Connecticut	5.3	6.9	4.3	6.7	4.0	10.3	8.1	-	-	6.3	5.0
Metropolitan Detroit	6.8	8.5	5.7	7.2	4.4	14.2	10.2	-	-	-	-
Hawaii	3.9	5.0	3.1	7.7	3.1	-	-	3.7	3.0	-	-
Iowa	5.6	7.2	4.3	7.0	4.2	-	-	-	-	-	-
New Mexico	5.2	6.8	4.0	6.7	3.9	-	-	-	-	6.9	4.6
Seattle-Puget Sound	5.9	7.5	4.6	7.4	4.6	13.3	-	4.4	3.7	-	-
Utah	5.4	7.4	3.8	7.5	3.8	-	-	-	-	-	-
Metropolitan Atlanta	6.7	8.6	5.2	7.3	4.1	13.2	8.1	-	-	-	-
San Jose-Monterey	5.2	6.5	4.0	6.7	4.4	-	-	4.6	2.4	8.6	5.6
Los Angeles	5.4	6.5	4.6	6.2	4.2	12.8	9.1	3.4	3.1	5.7	4.4
Rural Georgia	7.1	11.6	-	-	-	21.9	-	-	-	-	-
California exclud. SF/SJM/LA	4.8	6.0	3.9	5.8	3.7	13.1	8.3	3.5	3.3	6.5	5.0
Kentucky	5.4	6.9	4.4	6.6	4.0	13.7	9.0	-	-	-	-
Louisiana	6.4	8.6	4.9	6.3	3.6	16.1	8.6	-	-	-	-
New Jersey	6.0	7.2	5.1	6.7	4.5	13.5	10.4	2.9	2.7	9.3	5.2

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	<u>All Races</u>			<u>Whites</u>		<u>Blacks</u>		<u>Asian/Pacific Islanders</u>		<u>Hispanics^b</u>	
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	3.7	4.6	3.1	4.5	2.9	8.9	6.3	2.0	1.5	4.0	3.0
13 SEER Areas ^c	3.8	4.6	3.2	4.5	3.0	9.0	6.6	2.0	1.5	4.0	3.0
11 SEER Areas ^c	3.8	4.6	3.2	4.5	3.0	8.9	6.7	2.0	1.5	4.0	3.0
9 SEER Areas ^c	3.9	4.7	3.3	4.6	3.1	8.8	6.6	2.2	1.6	4.3	2.9
San Francisco-Oakland	3.5	4.3	2.9	4.4	2.9	8.6	6.9	1.9	1.5	4.2	2.1
Connecticut	3.5	3.9	3.3	3.7	3.1	8.2	7.4	-	-	-	-
Metropolitan Detroit	4.4	5.5	3.7	4.9	3.0	8.3	6.6	-	-	-	-
Hawaii	2.4	3.0	1.9	4.7	2.4	-	-	2.3	1.8	-	-
Iowa	3.8	4.5	3.3	4.4	3.3	-	-	-	-	-	-
New Mexico	3.8	5.0	3.0	4.7	3.0	-	-	-	-	4.9	3.8
Seattle-Puget Sound	4.1	5.3	3.3	5.3	3.3	11.4	-	-	-	-	-
Utah	4.0	5.4	2.9	5.5	2.9	-	-	-	-	-	-
Metropolitan Atlanta	4.7	5.4	4.2	4.4	3.4	8.9	6.5	-	-	-	-
San Jose-Monterey	3.4	3.6	3.1	3.8	3.6	-	-	-	-	4.2	4.7
Los Angeles	3.4	4.3	2.9	4.3	2.6	9.0	7.2	1.6	1.2	3.7	2.8
Rural Georgia	4.3	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	3.4	4.2	2.8	4.3	2.7	6.4	6.0	1.8	1.9	4.1	2.9
Kentucky	4.0	5.2	3.2	5.0	3.1	9.2	5.4	-	-	-	-
Louisiana	4.4	6.0	3.3	4.7	2.7	10.6	5.3	-	-	-	-
New Jersey	3.9	4.8	3.4	4.5	3.1	8.2	6.7	-	-	4.1	3.0
Total U.S.	3.8	4.7	3.2	4.4	2.9	8.5	6.3	1.8	1.5	3.8	2.7

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

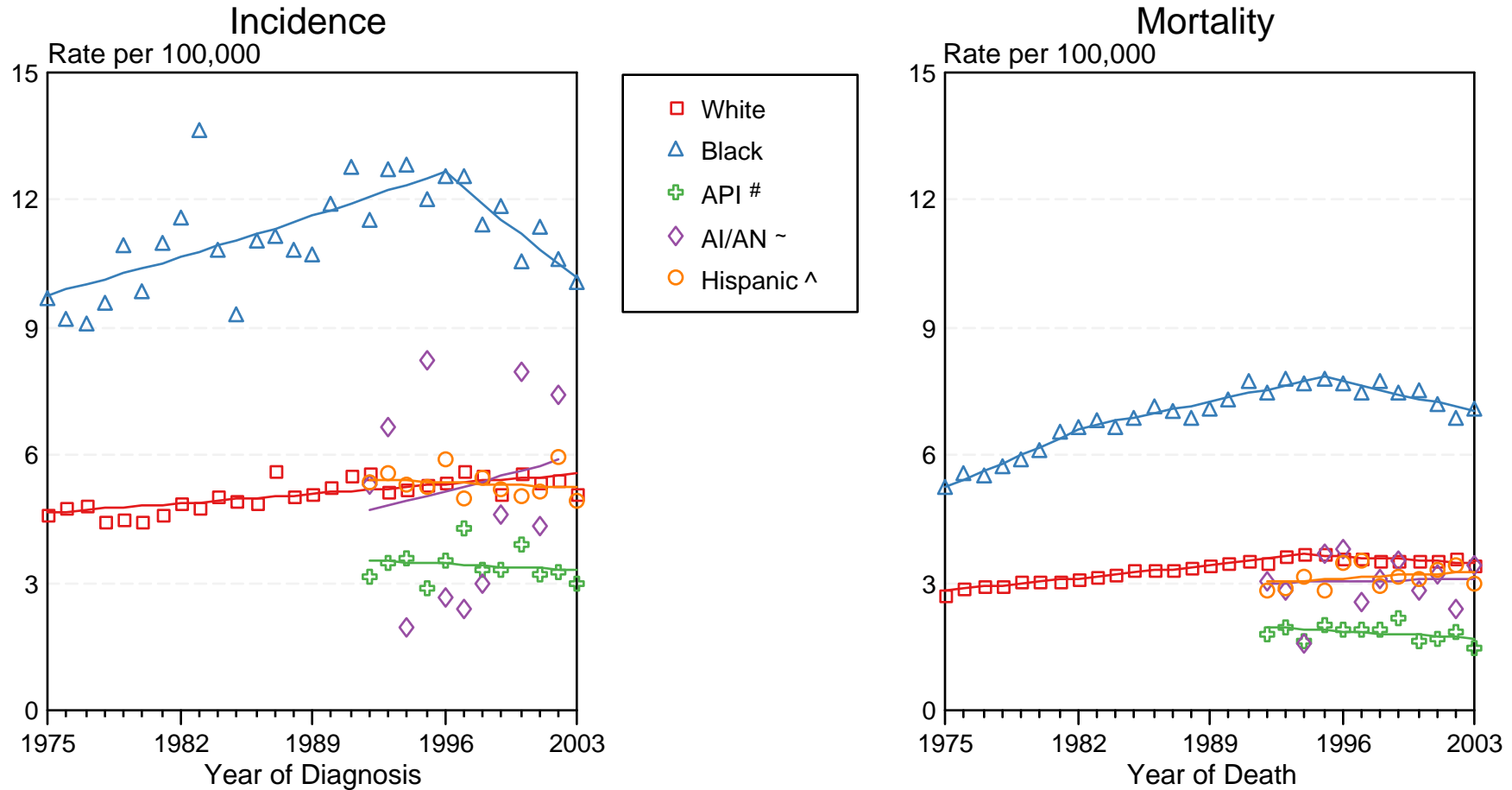


Figure XVIII-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	19.1	23.0	16.1	-0.1	-0.8*	0.8*
White	19.9	23.8	16.8	-0.1	-0.7*	0.8*
White Hispanic ^d	16.4	19.3	14.1	-0.8*	-1.2	-0.2
White Non-Hispanic ^d	20.4	24.4	17.1	-0.2	-0.9*	0.8*
Black	14.3	17.6	11.7	-0.1	-1.9*	2.5*
Asian/Pacific Islander	13.2	15.7	11.3	-0.1	-0.8	0.9
Amer Ind/Alaska Nat ^e	12.4	15.0	10.1	3.3	-	-
Hispanic ^d	16.1	18.9	13.9	-0.8*	-1.1	-0.2

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	7.7	9.8	6.3	-1.9*	-1.7*	-2.1*
White	8.1	10.1	6.5	-1.9*	-1.7*	-2.2*
White Hispanic ^d	6.1	7.3	5.1	-2.1*	-3.0*	-1.1
White Non-Hispanic ^d	8.2	10.3	6.6	-1.9*	-1.6*	-2.2*
Black	5.3	6.6	4.3	-1.7*	-2.2	-1.0
Asian/Pacific Islander	4.8	5.9	4.0	-1.9*	-2.2*	-1.3
Amer Ind/Alaska Nat	4.4	4.8	4.0	-1.9	-3.9	-0.7
Hispanic ^d	5.9	7.1	4.9	-2.1*	-3.0*	-1.0

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	19.1	23.0	16.1	23.8	16.8	17.6	11.7	15.7	11.3	18.9	13.9
13 SEER Areas ^c	19.3	23.3	16.0	24.6	16.9	17.8	12.0	16.0	11.8	18.7	13.4
11 SEER Areas ^c	19.3	23.4	16.0	24.6	16.9	17.9	12.1	16.0	11.8	18.7	13.4
9 SEER Areas ^c	19.7	23.8	16.3	25.0	17.1	17.8	12.2	16.2	11.7	18.1	13.3
San Francisco-Oakland	20.5	26.2	15.8	28.1	17.4	22.9	11.5	17.7	11.7	24.9	16.3
Connecticut	19.8	23.8	16.7	24.5	16.9	14.5	13.3	-	-	22.3	15.1
Metropolitan Detroit	20.8	25.0	17.7	26.4	19.0	19.0	12.2	14.0	12.4	17.5	-
Hawaii	15.4	18.2	13.2	21.9	15.1	-	-	16.5	12.0	-	-
Iowa	19.2	22.3	16.7	22.3	16.6	-	-	-	-	-	-
New Mexico	15.6	18.2	13.4	18.6	13.8	-	-	-	-	13.5	10.6
Seattle-Puget Sound	22.3	27.6	18.1	28.9	18.8	14.6	13.3	15.7	12.8	-	-
Utah	18.9	22.9	15.4	23.3	15.6	-	-	-	-	17.8	14.7
Metropolitan Atlanta	17.6	20.9	15.1	22.7	16.1	16.0	12.1	11.2	10.0	6.2	15.2
San Jose-Monterey	19.7	22.7	17.2	24.9	18.0	13.8	-	13.8	12.7	21.3	17.9
Los Angeles	18.0	22.0	14.9	23.2	15.6	18.0	11.7	16.4	11.9	18.8	12.9
Rural Georgia	15.6	17.0	14.1	19.8	19.2	-	-	-	-	-	-
California exclud. SF/SJM/LA	17.9	21.3	15.1	21.8	15.5	16.1	11.2	14.9	9.6	17.4	14.4
Kentucky	18.9	21.4	16.8	21.3	17.0	19.1	10.2	-	-	-	-
Louisiana	18.6	22.6	15.5	24.5	17.1	16.0	10.7	-	-	19.8	15.4
New Jersey	21.2	25.6	17.9	26.1	18.6	19.5	12.2	13.0	10.0	25.8	14.3

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	7.6	9.7	6.1	10.2	6.4	6.9	4.2	6.5	4.4	7.2	4.7
13 SEER Areas ^c	7.4	9.5	5.9	10.2	6.3	6.4	4.1	6.7	4.5	7.0	4.8
11 SEER Areas ^c	7.5	9.5	5.9	10.2	6.3	6.4	4.1	6.7	4.5	7.0	4.8
9 SEER Areas ^c	7.7	9.9	6.1	10.5	6.4	6.5	4.0	6.9	4.8	7.9	4.8
San Francisco-Oakland	7.6	10.1	5.9	11.4	6.4	7.6	3.7	6.4	5.1	9.5	5.1
Connecticut	7.6	9.5	6.2	9.9	6.3	5.7	4.3	-	-	-	-
Metropolitan Detroit	7.8	10.1	6.1	10.9	6.5	7.3	4.3	-	-	-	-
Hawaii	5.9	7.7	4.5	8.6	5.2	-	-	7.4	4.2	-	-
Iowa	8.6	10.7	7.2	10.8	7.2	-	-	-	-	-	-
New Mexico	7.0	8.9	5.4	9.0	5.4	-	-	-	-	6.7	5.5
Seattle-Puget Sound	8.4	11.3	6.2	11.6	6.3	-	-	8.0	5.5	13.6	-
Utah	7.6	10.0	5.8	10.2	5.7	-	-	-	-	-	-
Metropolitan Atlanta	6.8	8.5	5.7	9.1	6.3	5.9	3.8	-	-	-	-
San Jose-Monterey	7.0	8.2	5.9	8.6	6.4	-	-	7.0	3.4	5.2	4.6
Los Angeles	6.8	8.5	5.5	9.2	5.9	6.0	4.2	6.3	4.2	6.6	4.7
Rural Georgia	5.0	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	7.4	9.4	5.9	9.7	6.1	6.6	3.9	6.4	3.9	7.4	4.9
Kentucky	8.1	10.5	6.5	10.5	6.6	10.2	4.1	-	-	-	-
Louisiana	8.0	9.8	6.7	10.7	7.3	6.7	4.9	-	-	-	-
New Jersey	8.1	10.4	6.4	10.7	6.7	8.3	4.0	5.6	4.3	7.9	3.8
Total U.S.	7.7	9.8	6.3	10.1	6.5	6.6	4.3	5.9	4.0	7.1	4.9

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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.

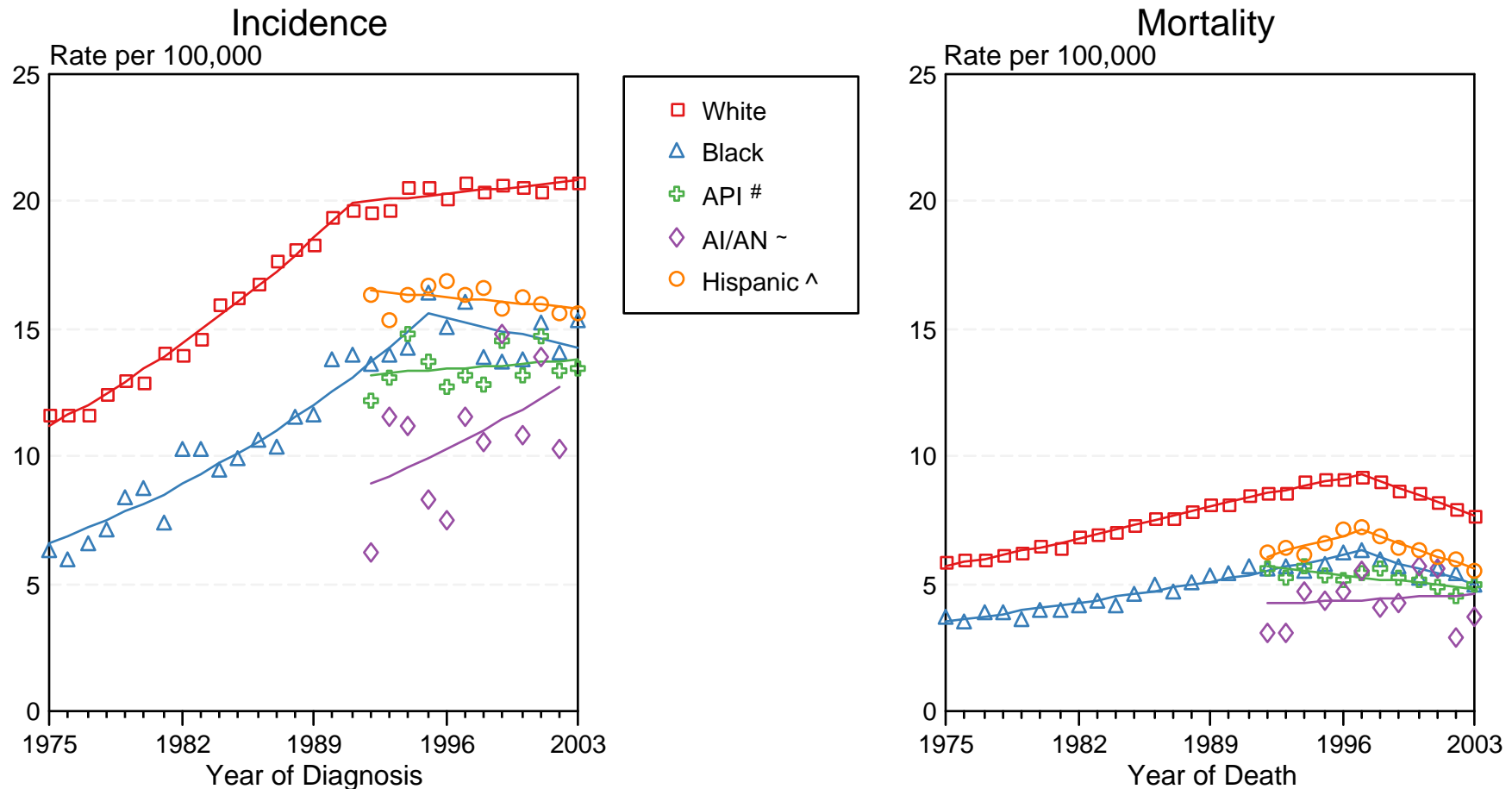
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

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* Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003



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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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-10
ORAL CAVITY AND PHARYNX CANCER (Invasive)

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

SEER Incidence

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	10.5	15.6	6.1	-1.5*	-1.7*	-1.6*
White	10.5	15.7	6.1	-1.3*	-1.3*	-1.7*
White Hispanic ^d	6.2	9.3	3.7	-2.9*	-3.9*	-1.3
White Non-Hispanic ^d	11.1	16.5	6.5	-0.9*	-0.9*	-1.4*
Black	11.1	18.0	5.8	-2.9*	-3.5*	-1.3
Asian/Pacific Islander	7.9	11.0	5.4	-1.7	-2.2	-0.6
Amer Ind/Alaska Nat ^e	8.2	11.4	5.4	-8.4*	-	-
Hispanic ^d	6.1	9.2	3.7	-2.9*	-3.9*	-1.4

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.7	4.1	1.5	-2.2*	-2.3*	-2.5*
White	2.5	3.8	1.5	-1.9*	-1.9*	-2.3*
White Hispanic ^d	1.7	2.9	0.9	-3.1*	-4.1*	-0.5
White Non-Hispanic ^d	2.6	3.9	1.5	-1.8*	-1.8*	-2.3*
Black	3.9	6.8	1.7	-4.2*	-4.1*	-4.4*
Asian/Pacific Islander	2.4	3.6	1.4	-1.6*	-1.4	-1.6
Amer Ind/Alaska Nat	2.2	3.2	1.4	-1.1	-2.4	-
Hispanic ^d	1.7	2.8	0.8	-3.0*	-3.9*	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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
 ORAL CAVITY AND PHARYNX CANCER (Invasive)

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

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	10.5	15.6	6.1	15.7	6.1	18.0	5.8	11.0	5.4	9.2	3.7
13 SEER Areas ^c	10.3	15.2	6.2	15.3	6.2	17.9	6.2	11.6	5.5	8.8	3.6
11 SEER Areas ^c	10.3	15.1	6.2	15.3	6.2	17.8	6.2	11.6	5.5	8.8	3.6
9 SEER Areas ^c	10.6	15.6	6.4	15.6	6.4	18.1	6.5	13.0	5.7	8.9	3.7
San Francisco-Oakland	10.7	15.4	6.8	15.7	6.9	15.0	6.1	14.0	6.5	8.6	4.0
Connecticut	10.0	14.7	6.1	14.7	5.9	16.0	6.9	-	-	8.6	5.3
Metropolitan Detroit	12.3	18.8	7.1	17.7	7.4	23.5	6.1	12.6	-	-	-
Hawaii	10.8	15.9	6.2	20.8	9.0	-	-	13.8	5.3	-	-
Iowa	10.8	16.3	6.4	16.1	6.4	-	-	-	-	-	-
New Mexico	9.1	13.5	5.3	14.1	5.5	-	-	-	-	8.7	3.6
Seattle-Puget Sound	10.9	15.5	6.6	15.9	6.8	13.0	-	10.9	4.4	-	-
Utah	8.3	11.7	5.2	11.9	5.1	-	-	-	-	-	-
Metropolitan Atlanta	10.8	15.4	6.9	15.8	6.4	15.7	8.1	-	-	14.4	-
San Jose-Monterey	9.1	13.2	5.6	13.7	5.5	-	-	10.0	5.4	9.1	3.5
Los Angeles	9.5	14.1	5.7	14.5	5.7	17.4	5.3	9.5	5.2	8.7	3.7
Rural Georgia	15.5	23.4	9.3	20.7	10.5	30.2	-	-	-	-	-
California exclud. SF/SJM/LA	10.5	15.5	6.2	15.9	6.3	14.5	4.8	9.2	4.7	8.6	3.6
Kentucky	11.6	18.7	5.7	18.5	5.6	19.7	5.9	-	-	-	-
Louisiana	11.7	18.8	5.9	18.4	6.1	20.1	5.0	-	-	18.4	-
New Jersey	9.8	14.6	5.9	14.2	5.6	18.3	6.0	9.9	7.4	12.5	4.0

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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
 ORAL CAVITY AND PHARYNX CANCER (Invasive)

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

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	2.7	4.1	1.6	3.8	1.6	6.6	1.9	3.9	1.5	2.6	0.9
13 SEER Areas ^c	2.6	3.8	1.6	3.5	1.5	6.0	1.9	4.0	1.5	2.7	0.8
11 SEER Areas ^c	2.5	3.8	1.5	3.5	1.5	6.0	1.9	4.1	1.5	2.7	0.8
9 SEER Areas ^c	2.5	3.8	1.5	3.5	1.5	5.7	1.8	4.4	1.5	2.5	0.6
San Francisco-Oakland	3.0	4.4	1.9	3.9	1.9	6.0	2.8	5.4	1.7	2.5	-
Connecticut	2.2	3.6	1.2	3.5	1.2	6.2	-	-	-	-	-
Metropolitan Detroit	2.7	4.1	1.5	3.5	1.5	6.7	1.4	-	-	-	-
Hawaii	3.2	5.0	1.7	6.7	2.9	-	-	4.3	1.4	-	-
Iowa	2.3	3.4	1.3	3.4	1.3	-	-	-	-	-	-
New Mexico	1.8	2.5	1.1	2.4	1.1	-	-	-	-	1.7	-
Seattle-Puget Sound	3.0	4.3	1.8	4.3	1.7	-	-	4.1	-	-	-
Utah	1.9	2.6	1.2	2.6	1.2	-	-	-	-	-	-
Metropolitan Atlanta	2.2	3.2	1.5	2.7	1.3	4.6	1.8	-	-	-	-
San Jose-Monterey	2.3	3.3	1.5	3.0	1.6	-	-	3.9	-	-	-
Los Angeles	2.6	3.9	1.7	3.6	1.6	6.6	2.2	3.4	1.7	2.9	0.9
Rural Georgia	4.8	7.7	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	2.9	4.1	1.9	4.2	1.9	4.7	1.8	3.6	1.8	2.4	0.9
Kentucky	3.0	4.9	1.5	4.6	1.5	9.5	-	-	-	-	-
Louisiana	3.5	5.9	1.7	5.1	1.6	8.1	2.0	-	-	-	-
New Jersey	2.5	3.9	1.4	3.5	1.4	7.2	2.0	3.4	-	3.2	-
Total U.S.	2.7	4.1	1.5	3.8	1.5	6.8	1.7	3.6	1.4	2.8	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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Oral Cavity and Pharynx Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

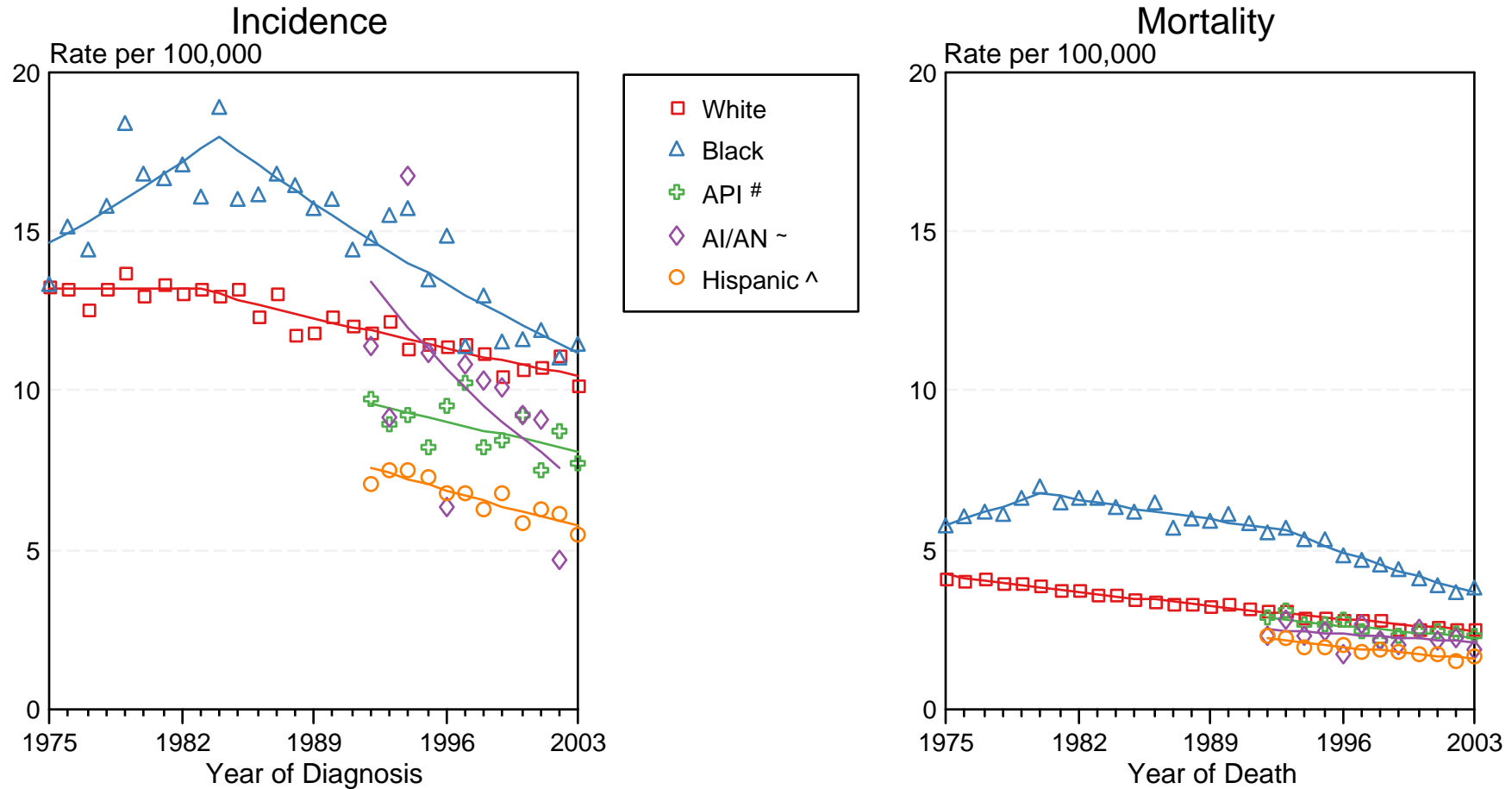


Figure XX-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	13.7	-0.9*
White	14.5	-0.8*
White Hispanic ^d	11.7	-0.1
White Non-Hispanic ^d	14.9	-0.8*
Black	10.1	-0.7
Asian/Pacific Islander	9.7	0.1
Amer Ind/Alaska Nat ^e	13.1	-0.1
Hispanic ^d	11.4	0.0

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Females	Females
All Races	8.9	-0.3
White	9.3	-0.3
White Hispanic ^d	6.4	0.1
White Non-Hispanic ^d	9.5	-0.1
Black	7.4	-0.3
Asian/Pacific Islander	4.9	0.6
Amer Ind/Alaska Nat	5.5	2.1
Hispanic ^d	6.1	0.2

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <65	Ages 65+	All Ages	All Ages	All Ages	All Ages
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	13.7	8.4	50.1	14.5	10.1	9.7	11.4
13 SEER Areas ^c	13.6	8.4	49.4	14.5	10.1	10.0	11.6
11 SEER Areas ^c	13.6	8.4	49.4	14.5	10.0	10.0	11.6
9 SEER Areas ^c	13.8	8.5	50.4	14.5	10.4	9.9	11.0
San Francisco-Oakland	13.4	8.7	46.0	14.6	9.1	10.6	10.7
Connecticut	14.0	9.0	48.9	14.6	7.5	-	10.3
Metropolitan Detroit	14.0	8.6	51.4	15.2	10.6	-	17.0
Hawaii	10.7	7.3	34.0	11.7	-	10.3	-
Iowa	14.1	8.8	51.4	14.1	-	-	-
New Mexico	12.8	8.0	46.5	12.8	-	-	10.7
Seattle-Puget Sound	15.6	8.9	62.1	16.2	10.6	11.2	-
Utah	13.4	8.0	50.3	13.7	-	-	11.9
Metropolitan Atlanta	13.4	7.8	51.8	14.1	12.3	-	12.4
San Jose-Monterey	12.7	8.3	43.1	13.7	-	9.2	10.4
Los Angeles	13.3	8.3	47.6	14.5	8.9	10.4	12.2
Rural Georgia	15.8	10.1	55.6	16.8	-	-	-
California exclud. SF/SJM/LA	13.3	8.0	50.3	14.0	8.2	8.8	11.2
Kentucky	12.8	7.9	46.9	13.0	10.4	-	-
Louisiana	12.2	6.8	49.6	13.1	10.3	-	11.8
New Jersey	15.6	10.0	54.0	16.4	10.8	10.4	10.8

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 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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	Asian/Pacific Islanders	Hispanics ^b
	All Ages	Ages <65	Ages 65+	All Ages	All Ages	All Ages	All Ages
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	9.1	3.7	46.6	9.7	7.6	5.3	6.7
13 SEER Areas ^c	9.0	3.7	45.9	9.7	7.5	5.2	7.0
11 SEER Areas ^c	9.0	3.7	46.0	9.7	7.5	5.2	7.0
9 SEER Areas ^c	9.1	3.6	46.6	9.6	7.4	5.3	6.6
San Francisco-Oakland	8.6	3.7	43.0	9.9	6.1	5.6	5.7
Connecticut	8.7	3.5	44.8	9.1	4.8	-	6.1
Metropolitan Detroit	9.3	4.0	46.3	9.8	8.0	-	-
Hawaii	6.6	3.4	28.5	9.5	-	5.6	-
Iowa	9.8	3.6	52.8	9.9	-	-	-
New Mexico	8.5	3.6	42.4	8.5	-	-	7.4
Seattle-Puget Sound	10.6	3.9	56.7	11.0	8.1	5.3	-
Utah	8.0	3.2	40.8	8.1	-	-	-
Metropolitan Atlanta	9.1	3.2	50.1	9.4	8.6	-	-
San Jose-Monterey	8.2	3.4	41.3	9.5	-	3.7	6.6
Los Angeles	9.1	3.9	45.1	10.0	7.8	5.5	7.4
Rural Georgia	10.1	-	50.5	10.4	-	-	-
California exclud. SF/SJM/LA	9.3	3.6	48.1	9.7	6.5	5.9	6.7
Kentucky	8.9	3.7	44.5	9.1	7.1	-	-
Louisiana	8.4	3.3	44.0	8.8	7.7	-	-
New Jersey	9.9	4.2	48.9	10.2	8.6	4.5	4.4
Total U.S.	8.9	3.7	45.0	9.3	7.4	4.9	6.1

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Ovary Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

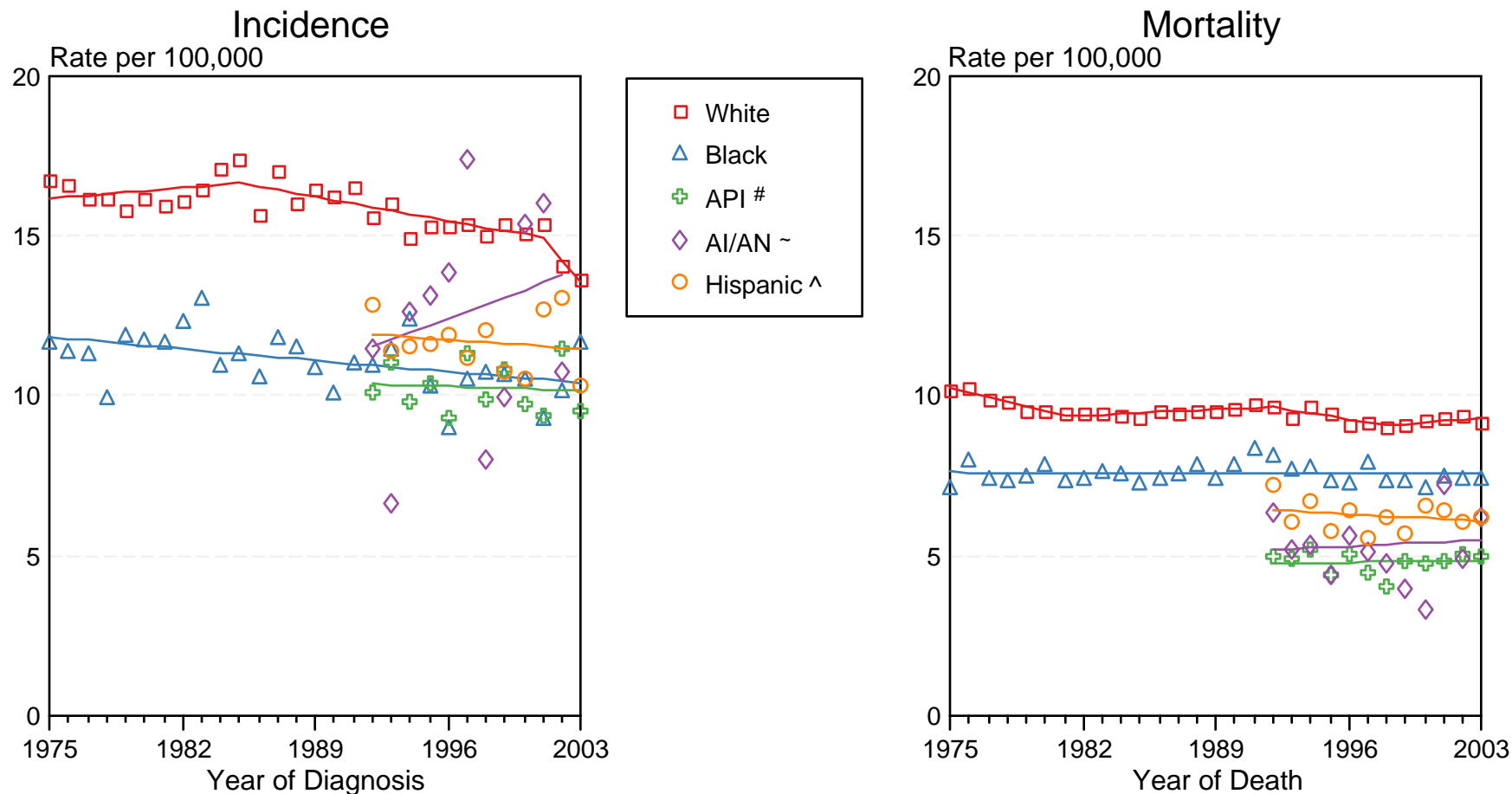


Figure XXI-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	11.3	12.8	10.0	-0.2	-0.5*	-0.1
White	11.1	12.7	9.8	0.1	0.1	0.0
White Hispanic ^d	10.5	11.1	10.0	-1.2	-1.8	-1.0
White Non-Hispanic ^d	11.3	13.1	9.8	0.3	0.3	0.1
Black	14.9	16.2	13.7	-2.0*	-2.7*	-1.4
Asian/Pacific Islander	8.9	9.9	8.1	-0.9	-3.0*	1.1
Amer Ind/Alaska Nat ^e	10.8	10.8	10.8	1.5	-	-
Hispanic ^d	10.3	10.8	9.9	-1.1	-1.9	-0.8

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	10.5	12.1	9.2	0.0	-0.1	0.0
White	10.3	12.0	9.0	0.2	0.1	0.1
White Hispanic ^d	8.6	9.3	7.9	0.1	-0.8	0.6
White Non-Hispanic ^d	10.4	12.2	9.1	0.2*	0.2	0.2
Black	13.8	15.4	12.5	-0.8*	-1.2*	-0.7*
Asian/Pacific Islander	7.2	7.7	6.9	-1.1*	-2.5*	0.2
Amer Ind/Alaska Nat	6.0	6.1	5.8	-0.7	-1.0	-0.3
Hispanic ^d	8.3	9.0	7.6	0.1	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
 e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	11.3	12.8	10.0	12.7	9.8	16.2	13.7	9.9	8.1	10.8	9.9
13 SEER Areas ^c	11.1	12.5	9.9	12.5	9.7	15.8	13.8	9.9	8.5	10.2	9.1
11 SEER Areas ^c	11.1	12.5	9.9	12.5	9.7	15.9	13.8	9.9	8.5	10.2	9.1
9 SEER Areas ^c	11.4	12.9	10.1	12.8	9.7	16.1	14.3	11.0	8.9	11.4	9.2
San Francisco-Oakland	10.5	11.3	9.8	11.7	9.8	14.0	14.9	9.0	7.0	9.7	8.8
Connecticut	11.9	13.8	10.3	13.7	10.1	16.9	13.4	-	-	11.7	9.8
Metropolitan Detroit	13.4	15.3	11.8	14.8	10.9	17.7	15.3	-	-	-	-
Hawaii	11.8	13.2	10.8	12.4	10.4	-	-	13.6	11.0	-	-
Iowa	11.1	13.0	9.6	12.9	9.4	-	25.7	-	-	-	-
New Mexico	10.1	11.5	8.9	11.8	9.0	-	-	-	-	13.4	9.2
Seattle-Puget Sound	11.8	13.2	10.6	13.3	10.4	19.7	17.4	10.9	9.7	-	-
Utah	9.2	11.0	7.7	11.1	7.7	-	-	-	-	-	-
Metropolitan Atlanta	10.4	11.9	9.1	11.0	8.1	14.4	12.2	-	-	-	-
San Jose-Monterey	10.2	10.8	9.5	11.2	10.0	-	-	8.6	7.4	9.3	9.7
Los Angeles	10.5	11.6	9.6	11.9	9.5	15.3	12.7	7.9	8.0	9.4	8.9
Rural Georgia	10.5	10.4	9.6	10.9	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	11.0	12.6	9.6	12.6	9.7	16.8	13.4	10.4	7.1	11.6	11.0
Kentucky	10.5	12.3	9.2	11.9	9.2	19.9	11.3	-	-	-	-
Louisiana	12.7	15.1	10.8	14.4	9.7	17.9	14.0	-	-	-	-
New Jersey	12.1	13.5	10.9	13.7	10.7	14.3	13.8	8.0	7.2	11.4	10.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	10.5	11.9	9.4	12.0	9.2	15.1	13.0	8.3	7.2	8.5	8.0
13 SEER Areas ^c	10.3	11.5	9.2	11.7	9.1	14.7	13.0	8.4	7.4	8.8	8.2
11 SEER Areas ^c	10.3	11.5	9.2	11.7	9.0	14.8	13.0	8.3	7.4	8.8	8.2
9 SEER Areas ^c	10.4	11.8	9.2	11.9	9.0	14.8	13.3	8.6	7.8	9.8	8.0
San Francisco-Oakland	9.6	10.2	9.1	10.8	9.2	14.4	14.4	7.0	6.2	7.1	8.7
Connecticut	10.8	12.7	9.3	12.7	9.1	14.8	13.3	-	-	8.2	6.2
Metropolitan Detroit	11.5	13.1	10.2	12.9	9.5	14.4	13.5	-	-	-	-
Hawaii	10.2	11.4	9.3	13.3	8.5	-	-	10.9	9.6	-	-
Iowa	10.5	11.8	9.4	11.7	9.3	27.3	-	-	-	-	-
New Mexico	9.7	10.9	8.5	11.1	8.6	-	-	-	-	11.2	9.0
Seattle-Puget Sound	10.7	12.0	9.6	12.3	9.6	16.7	12.2	7.4	8.6	-	-
Utah	8.9	11.2	7.0	11.3	7.1	-	-	-	-	-	-
Metropolitan Atlanta	10.2	11.7	9.0	10.5	7.7	15.1	12.8	-	-	-	-
San Jose-Monterey	9.8	10.6	9.2	11.0	9.8	21.9	-	8.0	6.4	8.7	9.8
Los Angeles	10.0	11.0	9.2	11.3	9.2	14.2	12.5	8.0	6.9	8.0	8.2
Rural Georgia	9.7	9.0	9.7	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	10.3	11.7	9.1	11.9	9.1	14.4	13.5	8.7	7.3	8.6	8.2
Kentucky	10.2	12.0	8.8	11.7	8.7	18.1	11.0	-	-	-	-
Louisiana	12.2	14.3	10.5	13.7	9.5	16.9	13.7	-	-	-	-
New Jersey	11.2	12.5	10.1	12.6	10.0	14.0	12.7	7.3	4.9	7.2	6.0
Total U.S.	10.5	12.1	9.2	12.0	9.0	15.4	12.5	7.7	6.9	9.0	7.6

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Pancreas Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

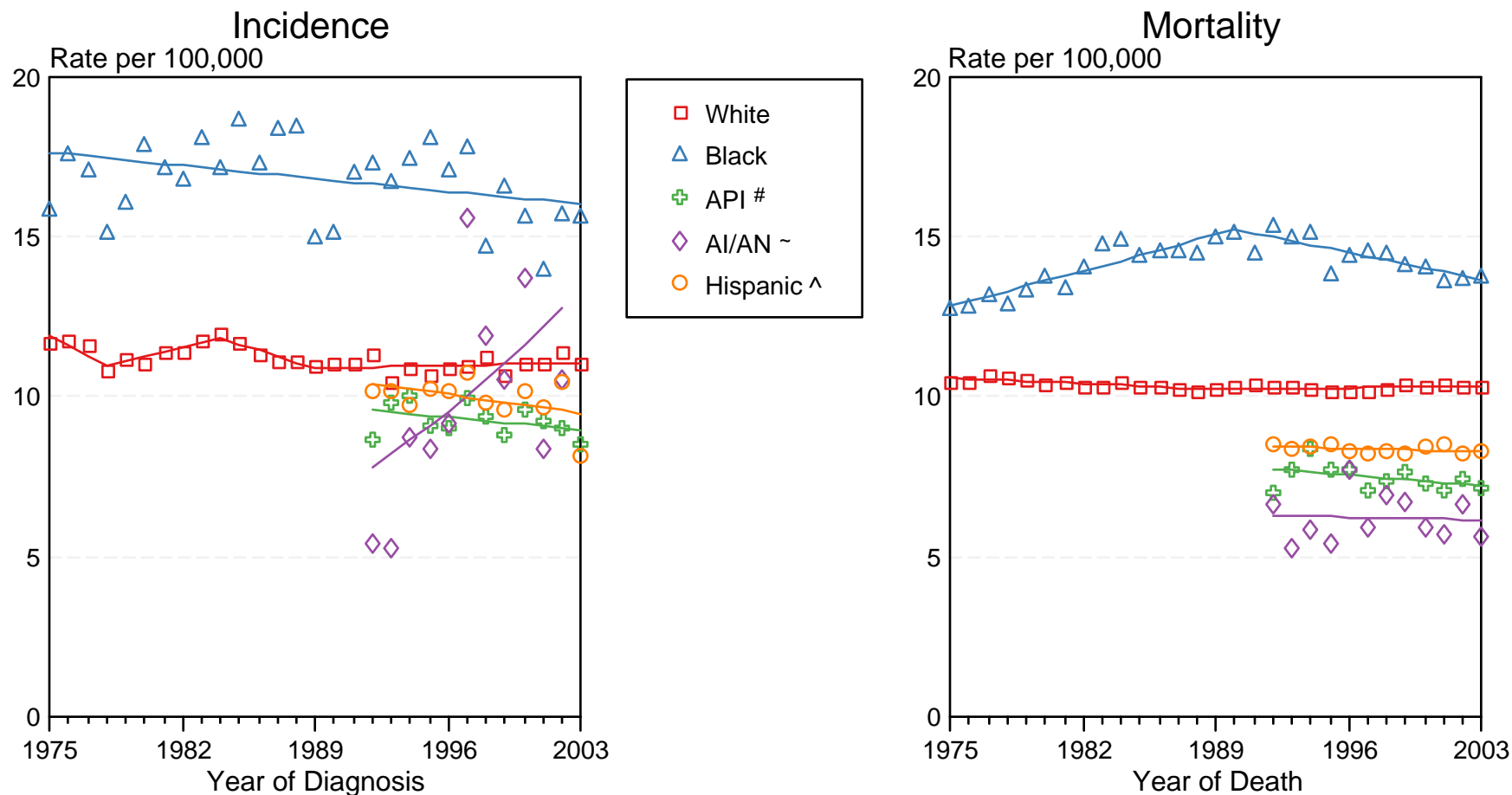


Figure XII-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	170.3	0.0
White	163.4	0.1
White Hispanic ^d	139.2	-0.6
White Non-Hispanic ^d	167.9	0.0
Black	258.3	-1.3*
Asian/Pacific Islander	96.8	-0.4
Amer Ind/Alaska Nat ^e	70.7	-3.5
Hispanic ^d	141.1	-0.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	28.5	-4.0*
White	26.2	-4.1*
White Hispanic ^d	22.3	-3.1*
White Non-Hispanic ^d	26.2	-4.1*
Black	64.0	-3.3*
Asian/Pacific Islander	11.3	-5.4*
Amer Ind/Alaska Nat	18.1	-4.2*
Hispanic ^d	21.8	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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>Asian/Pacific Islanders</u>	<u>Hispanics^b</u>
	<u>All Ages</u>	<u>Ages <65</u>	<u>Ages 65+</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	170.3	59.2	938.5	163.4	258.3	96.8	141.1
13 SEER Areas ^c	172.0	60.1	945.8	167.7	262.5	100.7	138.5
11 SEER Areas ^c	172.2	60.2	946.9	167.8	262.9	100.6	138.5
9 SEER Areas ^c	176.7	62.5	966.2	173.0	269.3	106.5	135.3
San Francisco-Oakland	164.5	59.6	889.6	167.9	215.4	98.4	137.8
Connecticut	181.8	67.9	968.5	176.5	244.4	67.4	161.6
Metropolitan Detroit	223.7	81.5	1206.8	200.4	313.3	99.4	134.4
Hawaii	130.5	35.6	786.5	141.4	218.1	120.3	-
Iowa	152.9	49.3	869.2	149.2	173.2	53.5	90.0
New Mexico	149.9	50.8	835.1	155.4	175.1	-	129.9
Seattle-Puget Sound	177.2	60.1	986.6	180.4	258.3	94.4	-
Utah	186.1	61.5	1047.3	188.8	205.6	75.4	156.9
Metropolitan Atlanta	183.2	72.6	947.3	161.4	265.5	63.9	115.0
San Jose-Monterey	162.9	54.7	910.8	172.9	208.0	86.1	136.9
Los Angeles	160.1	54.1	892.8	147.6	250.4	92.9	141.3
Rural Georgia	169.2	64.0	896.9	140.5	225.5	-	-
California exclud. SF/SJM/LA	152.6	52.4	845.0	147.2	232.2	84.0	131.9
Kentucky	153.1	50.3	863.6	145.4	247.2	64.9	-
Louisiana	181.4	60.7	1015.5	163.8	235.3	76.0	140.0
New Jersey	200.8	72.0	1091.0	189.4	286.5	94.2	192.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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>Asian/Pacific Islanders</u>	<u>Hispanics^b</u>
	<u>All Ages</u>	<u>Ages <65</u>	<u>Ages 65+</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	27.4	1.9	204.1	26.3	59.1	12.2	21.6
13 SEER Areas ^c	26.9	1.8	200.5	26.3	57.0	12.5	21.6
11 SEER Areas ^c	26.9	1.8	200.2	26.3	56.6	12.5	21.6
9 SEER Areas ^c	27.7	1.7	207.5	27.0	56.9	13.6	24.0
San Francisco-Oakland	26.3	1.6	197.2	26.3	65.9	10.7	19.3
Connecticut	26.7	1.7	199.5	25.7	53.8	-	22.3
Metropolitan Detroit	30.4	2.0	227.2	25.7	52.8	-	18.0
Hawaii	19.8	1.3	147.5	31.5	-	16.1	52.7
Iowa	29.3	1.8	219.5	29.1	58.2	-	-
New Mexico	28.6	1.8	213.9	28.5	71.5	-	27.8
Seattle-Puget Sound	27.1	1.6	203.4	27.4	47.1	14.0	-
Utah	28.6	1.9	213.0	28.7	-	-	29.5
Metropolitan Atlanta	31.5	2.1	234.9	24.1	60.7	-	-
San Jose-Monterey	22.1	1.2	166.8	24.1	36.7	11.5	18.4
Los Angeles	25.0	2.0	184.3	24.3	56.9	10.2	20.2
Rural Georgia	40.0	-	295.9	19.1	81.3	-	-
California exclud. SF/SJM/LA	26.6	1.9	197.1	26.7	57.8	12.0	21.7
Kentucky	29.0	2.0	215.6	27.4	61.3	-	-
Louisiana	34.0	2.4	252.0	26.3	61.0	-	18.5
New Jersey	27.9	1.9	207.6	25.4	63.9	7.1	21.0
Total U.S.	28.5	1.9	212.2	26.2	64.0	11.3	21.8

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Prostate Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

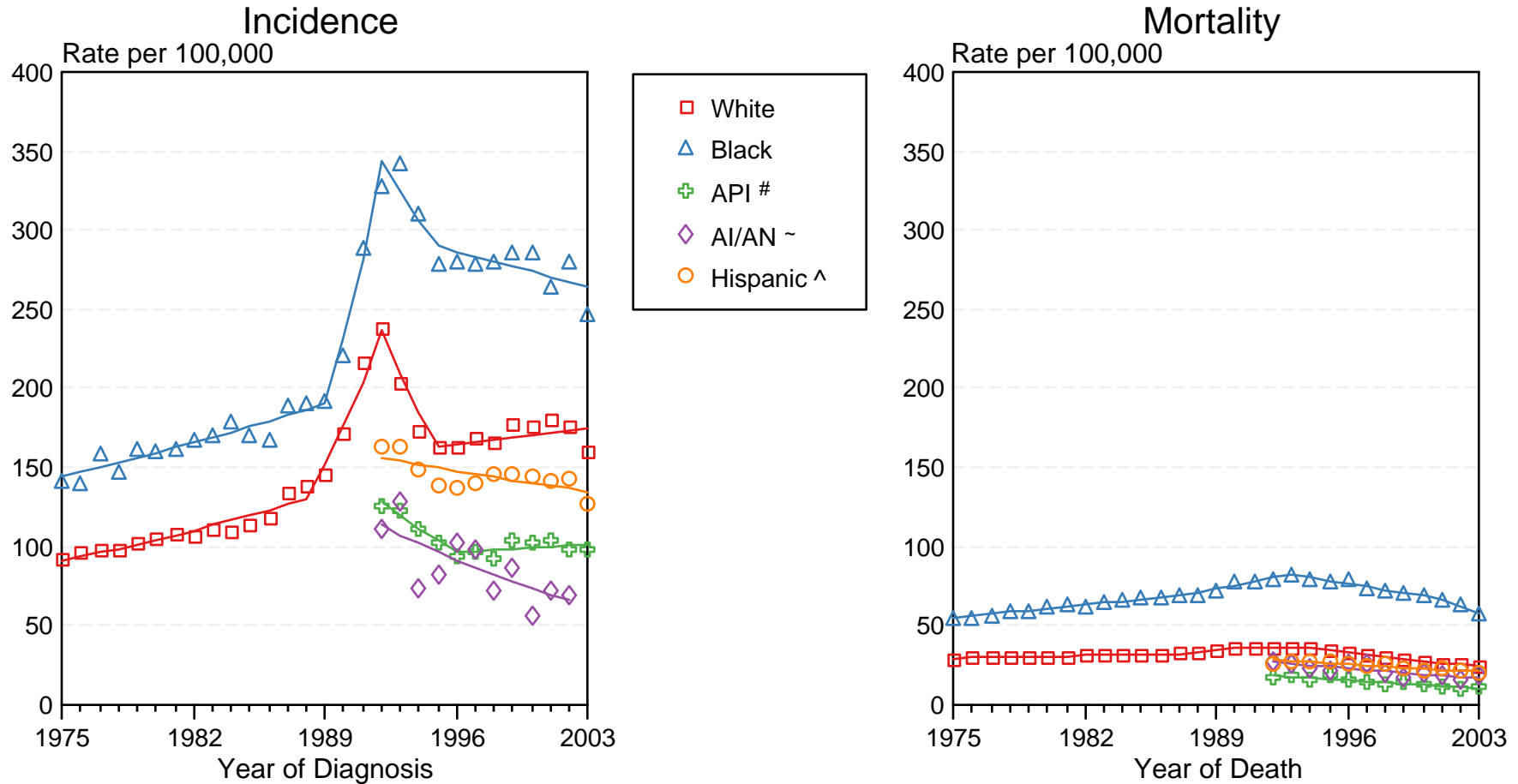


Figure XXIII-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	8.1	11.5	5.6	-1.5*	-2.3*	-0.7
White	7.1	10.2	4.7	-1.5*	-2.3*	-0.6
White Hispanic ^d	12.6	16.2	9.8	-2.0*	-3.5*	-0.3
White Non-Hispanic ^d	6.4	9.5	4.1	-2.0*	-2.5*	-1.4
Black	12.8	17.7	9.3	-2.3*	-3.3*	-1.1
Asian/Pacific Islander	14.4	18.9	11.0	-3.2*	-3.2*	-3.0*
Amer Ind/Alaska Nat ^e	16.2	21.6	12.3	4.7	-	-
Hispanic ^d	12.3	15.9	9.6	-1.9*	-3.4*	-0.2

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.3	6.0	3.1	-3.1*	-3.6*	-2.6*
White	3.8	5.3	2.7	-3.2*	-3.8*	-2.8*
White Hispanic ^d	7.1	9.5	5.3	-1.8*	-2.3*	-1.3
White Non-Hispanic ^d	3.5	5.0	2.4	-3.6*	-4.1*	-3.2*
Black	8.4	12.1	6.0	-3.0*	-3.4*	-2.6*
Asian/Pacific Islander	8.3	10.8	6.5	-4.2*	-4.1*	-4.1*
Amer Ind/Alaska Nat	5.1	6.8	3.9	-1.6	-2.0	-0.8
Hispanic ^d	6.8	9.1	5.1	-1.8*	-2.3*	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	8.1	11.5	5.6	10.2	4.7	17.7	9.3	18.9	11.0	15.9	9.6
13 SEER Areas ^c	8.5	11.9	5.9	10.3	4.8	17.3	9.0	19.8	11.5	15.8	10.1
11 SEER Areas ^c	8.5	11.9	5.9	10.3	4.8	17.4	9.1	19.8	11.5	15.8	10.1
9 SEER Areas ^c	7.8	11.2	5.3	9.6	4.2	17.7	9.4	19.4	10.9	14.1	9.3
San Francisco-Oakland	8.7	12.4	5.8	10.3	4.3	16.8	8.9	17.9	9.5	16.6	9.0
Connecticut	8.6	13.0	5.4	12.3	5.2	24.6	7.9	-	-	15.6	11.9
Metropolitan Detroit	8.8	12.5	6.0	11.3	4.9	17.2	10.5	17.3	-	-	-
Hawaii	13.6	17.9	10.3	10.6	4.6	-	-	20.5	12.0	-	-
Iowa	5.3	7.9	3.3	7.6	3.2	-	-	-	-	-	-
New Mexico	7.1	10.0	4.8	9.5	4.5	-	-	-	-	13.4	8.8
Seattle-Puget Sound	6.9	10.0	4.6	9.4	3.9	14.4	-	18.4	11.8	-	-
Utah	5.4	7.4	3.7	7.2	3.6	-	-	-	-	11.2	-
Metropolitan Atlanta	7.0	9.3	5.3	5.8	3.6	18.5	8.9	24.1	12.3	-	-
San Jose-Monterey	8.5	11.8	6.0	10.5	5.1	-	-	17.0	10.4	14.9	10.6
Los Angeles	10.5	14.2	7.8	12.5	6.9	16.6	8.6	21.4	12.9	17.1	10.6
Rural Georgia	5.8	8.7	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	7.3	10.3	4.9	9.7	4.5	15.0	8.0	16.2	9.1	15.2	9.1
Kentucky	5.9	8.8	3.6	8.6	3.4	13.2	7.5	-	-	-	-
Louisiana	8.3	11.5	5.9	8.9	4.0	20.3	11.4	-	-	12.1	-
New Jersey	9.0	13.2	6.0	12.2	5.5	18.8	9.0	17.0	10.3	19.2	9.3

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.8	6.7	3.5	5.8	3.0	12.5	6.2	11.4	6.6	9.9	5.5
13 SEER Areas ^c	5.0	6.9	3.7	5.8	3.0	11.3	6.0	12.2	7.0	10.5	6.2
11 SEER Areas ^c	5.0	6.9	3.7	5.8	3.0	11.3	6.0	12.2	7.0	10.6	6.2
9 SEER Areas ^c	4.6	6.3	3.3	5.2	2.6	11.4	6.0	11.1	6.9	10.2	5.8
San Francisco-Oakland	5.3	7.2	3.9	5.8	2.9	13.1	5.8	10.1	6.9	10.2	6.0
Connecticut	4.9	6.9	3.5	6.6	3.3	13.9	5.9	-	-	8.6	4.1
Metropolitan Detroit	4.9	6.5	3.7	5.6	3.0	9.9	6.4	-	-	-	-
Hawaii	7.9	10.6	5.8	5.7	2.5	-	-	12.3	6.8	-	-
Iowa	3.1	4.5	2.1	4.4	2.0	-	-	-	-	-	-
New Mexico	4.7	6.7	3.2	6.3	2.9	-	-	-	-	11.2	5.9
Seattle-Puget Sound	3.9	5.5	2.7	4.8	2.3	14.4	-	12.3	8.4	-	-
Utah	3.3	4.1	2.6	3.9	2.5	-	-	-	-	-	-
Metropolitan Atlanta	4.1	5.6	3.1	3.4	1.9	11.9	6.1	-	-	-	-
San Jose-Monterey	4.9	6.9	3.6	5.9	3.1	-	-	11.4	5.9	9.6	6.9
Los Angeles	6.6	8.9	4.9	7.6	4.4	11.4	6.2	14.5	7.3	11.0	6.4
Rural Georgia	4.6	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	4.5	6.2	3.2	5.8	2.9	11.4	5.5	10.0	5.9	9.8	5.3
Kentucky	3.7	5.1	2.6	4.9	2.5	10.3	4.3	-	-	-	-
Louisiana	5.2	7.5	3.6	4.8	2.1	16.4	7.9	-	-	-	-
New Jersey	5.1	7.4	3.5	6.8	3.2	13.0	5.5	6.9	5.0	7.7	2.9
Total U.S.	4.3	6.0	3.1	5.3	2.7	12.1	6.0	10.8	6.5	9.1	5.1

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Stomach Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

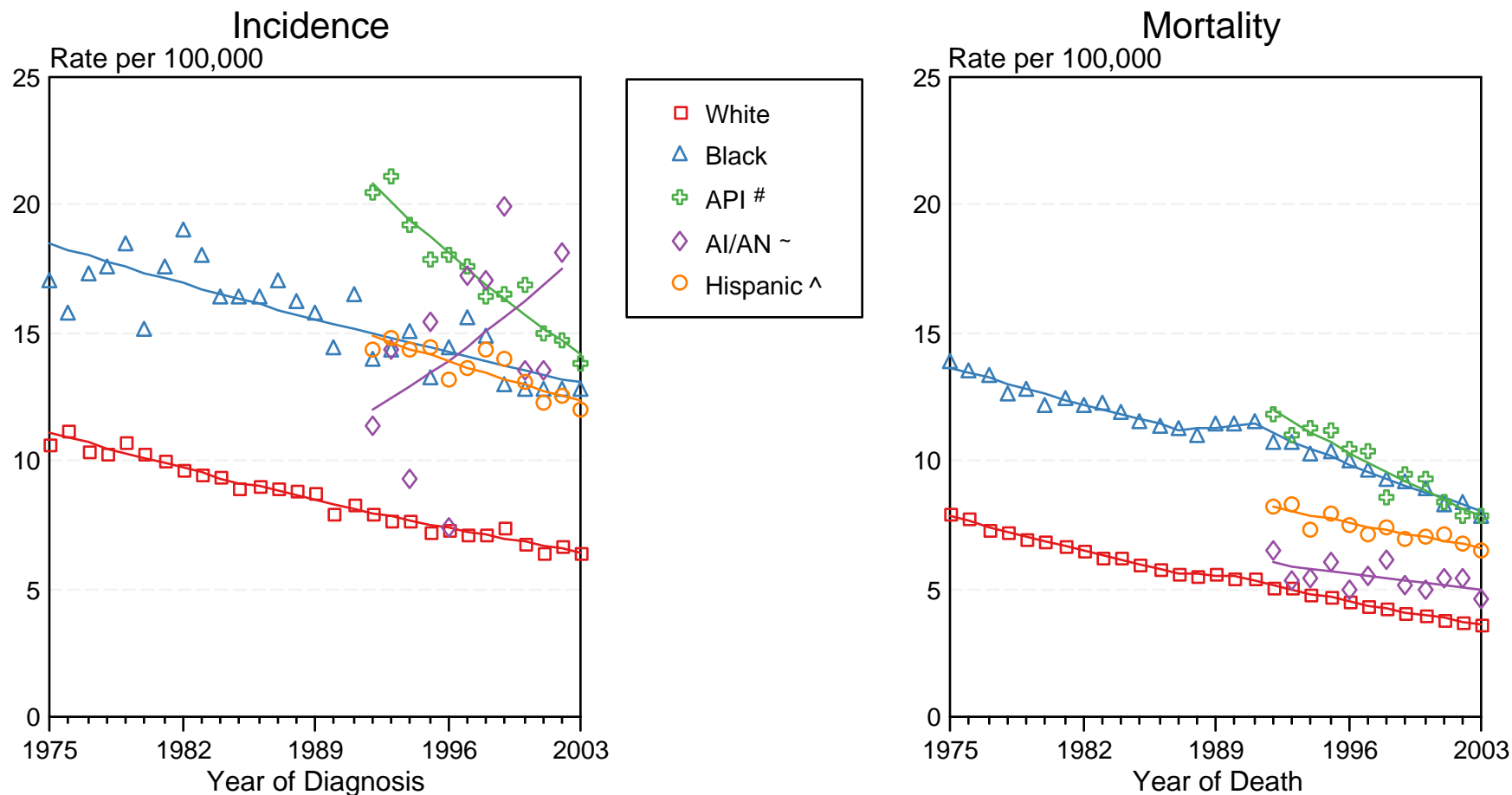


Figure XXIV-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b	Trend 1994-2003 ^c
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	5.3	0.8
White	6.2	1.2*
White Hispanic ^d	3.9	2.3*
White Non-Hispanic ^d	7.1	1.7*
Black	1.5	0.3
Asian/Pacific Islander	1.7	-1.8
Amer Ind/Alaska Nat ^e	3.7	-
Hispanic ^d	3.8	2.2*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003	Trend 1994-2003
	Rate per 100,000 persons	APC (%)
	Males	Males
All Races	0.3	0.1
White	0.3	0.1
White Hispanic ^d	0.3	-1.2
White Non-Hispanic ^d	0.3	-0.1
Black	0.2	4.5
Asian/Pacific Islander	0.1	-
Amer Ind/Alaska Nat	-	-
Hispanic ^d	0.2	-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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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>Asian/Pacific Islanders</u>	<u>Hispanics^b</u>
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>
<u>SEER INCIDENCE RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	5.3	6.5	2.0	6.2	1.5	1.7	3.8
13 SEER Areas ^c	5.3	6.6	1.9	6.3	1.4	1.8	3.7
11 SEER Areas ^c	5.3	6.6	1.9	6.3	1.4	1.8	3.7
9 SEER Areas ^c	5.5	6.9	1.9	6.6	1.4	2.1	3.8
San Francisco-Oakland	5.1	6.3	1.9	6.5	2.2	1.5	4.1
Connecticut	5.7	7.1	1.9	6.3	-	-	2.3
Metropolitan Detroit	5.2	6.3	2.4	6.7	1.4	-	-
Hawaii	4.2	5.6	-	5.9	-	3.6	-
Iowa	6.6	8.4	2.1	6.8	-	-	-
New Mexico	5.8	7.1	2.1	6.2	-	-	5.3
Seattle-Puget Sound	6.2	8.0	1.7	7.1	-	-	-
Utah	6.7	8.3	2.4	7.0	-	-	4.1
Metropolitan Atlanta	4.0	5.0	1.4	5.8	1.0	-	2.1
San Jose-Monterey	5.2	6.2	2.4	6.3	-	1.7	3.9
Los Angeles	4.6	5.7	1.6	5.5	1.3	1.4	3.6
Rural Georgia	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	5.4	6.5	2.5	6.1	1.6	1.4	4.0
Kentucky	5.1	6.4	1.4	5.4	-	-	-
Louisiana	4.5	5.4	2.0	5.9	1.5	-	-
New Jersey	5.8	7.2	2.2	7.0	1.8	1.6	3.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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>Asian/Pacific Islanders</u>	<u>Hispanics^b</u>
	<u>All Ages</u>	<u>Ages <50</u>	<u>Ages 50+</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>	<u>All Ages</u>
<u>SEER DEATH RATES^a, 2000-2003</u>							
REGISTRY							
17 SEER Areas ^c	0.2	0.2	0.3	0.3	0.2	-	0.2
13 SEER Areas ^c	0.2	0.2	0.3	0.3	-	-	0.2
11 SEER Areas ^c	0.2	0.2	0.3	0.3	-	-	0.2
9 SEER Areas ^c	0.2	0.2	0.3	0.2	-	-	-
San Francisco-Oakland	0.2	-	-	0.3	-	-	-
Connecticut	-	-	-	-	-	-	-
Metropolitan Detroit	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-
Iowa	0.4	-	-	0.4	-	-	-
New Mexico	-	-	-	-	-	-	-
Seattle-Puget Sound	0.2	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-
Metropolitan Atlanta	-	-	-	-	-	-	-
San Jose-Monterey	-	-	-	-	-	-	-
Los Angeles	0.3	0.3	-	0.3	-	-	0.3
Rural Georgia	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	0.3	0.3	0.3	0.3	-	-	0.2
Kentucky	-	-	-	-	-	-	-
Louisiana	0.2	-	-	0.3	-	-	-
New Jersey	0.2	0.2	-	0.3	-	-	-
Total U.S.	0.3	0.2	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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Testis Cancer

Joinpoint Analyses for Whites and Blacks from 1975-2003
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

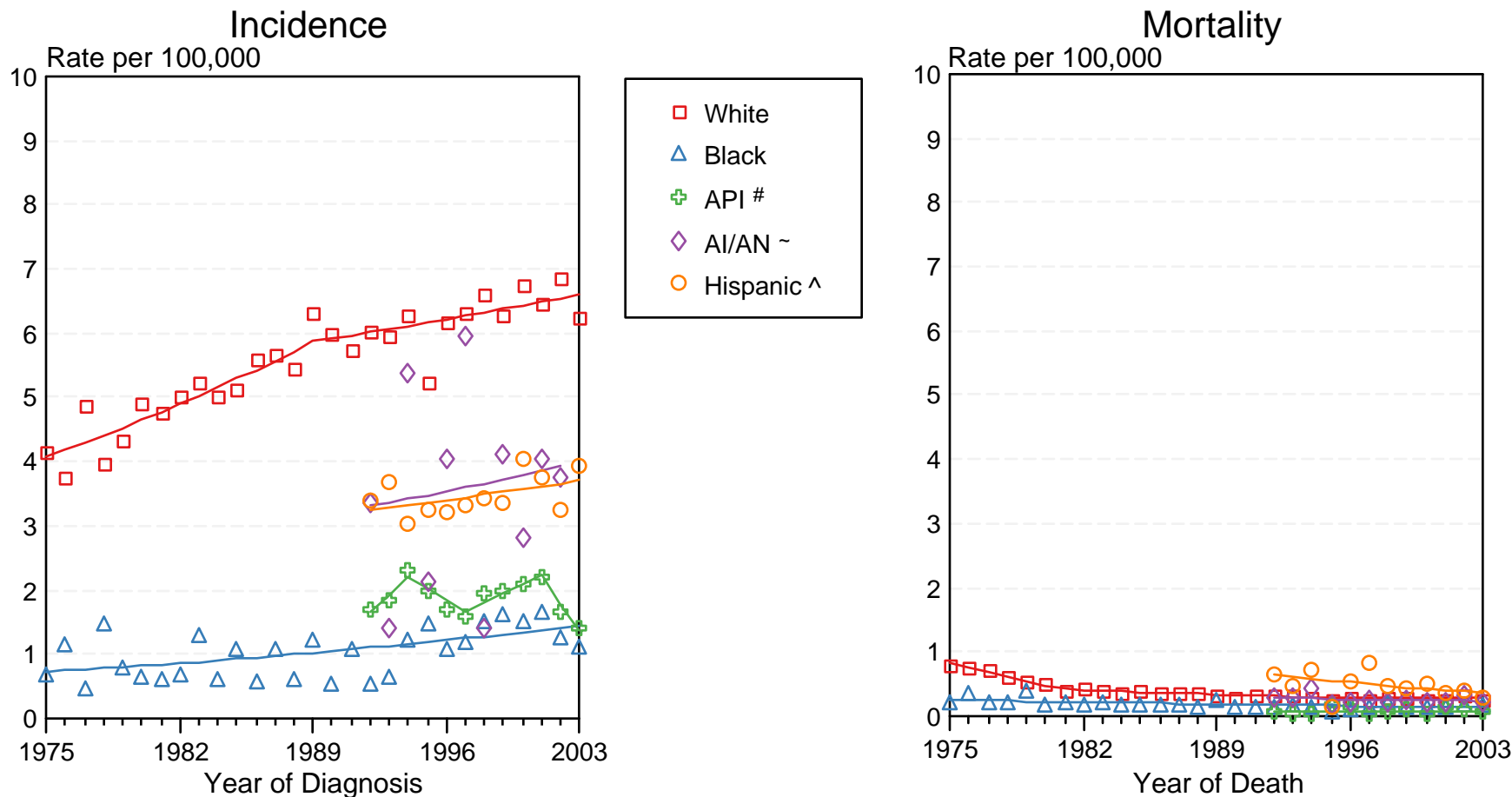


Figure XXV-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	8.2	4.2	12.1	5.0*	4.2*	5.3*
White	8.6	4.5	12.7	5.4*	4.7*	5.7*
White Hispanic ^d	7.4	3.3	11.4	3.8*	5.3*	3.6*
White Non-Hispanic ^d	9.2	4.9	13.4	5.9*	5.0*	6.3*
Black	5.0	2.4	7.1	5.3*	4.4*	5.4*
Asian/Pacific Islander	8.4	3.8	12.5	2.3*	1.6	2.5*
Amer Ind/Alaska Nat ^e	6.4	2.5	10.0	1.3	-	4.8
Hispanic ^d	7.2	3.2	11.2	4.1*	5.4*	4.0*

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	0.5	0.5	0.5	0.8	1.4	0.6
White	0.5	0.5	0.5	0.9*	1.5	0.6*
White Hispanic ^d	0.6	0.5	0.6	-0.4	2.9	-1.8
White Non-Hispanic ^d	0.5	0.5	0.4	1.0*	1.5*	0.7
Black	0.5	0.4	0.5	1.5	2.3	1.5
Asian/Pacific Islander	0.6	0.4	0.7	-3.7	-	-2.5
Amer Ind/Alaska Nat	0.3	-	-	-	-	-
Hispanic ^d	0.6	0.5	0.6	-0.5	2.7	-1.9

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	8.2	4.2	12.1	4.5	12.7	2.4	7.1	3.8	12.5	3.2	11.2
13 SEER Areas ^c	8.3	4.3	12.2	4.6	12.9	2.6	6.7	3.9	12.7	3.4	11.2
11 SEER Areas ^c	8.3	4.3	12.2	4.6	12.9	2.6	6.7	3.9	12.7	3.4	11.2
9 SEER Areas ^c	8.6	4.5	12.6	4.7	13.3	2.6	6.9	3.8	13.1	4.1	11.9
San Francisco-Oakland	6.3	3.3	9.2	3.5	9.0	-	5.5	3.3	10.5	3.2	8.5
Connecticut	10.0	5.2	14.6	5.5	15.2	-	6.4	-	13.9	5.2	16.2
Metropolitan Detroit	8.2	4.6	11.5	4.8	13.3	4.2	7.0	-	9.1	-	11.0
Hawaii	9.6	4.1	15.1	4.0	10.1	-	-	4.1	16.7	-	-
Iowa	8.8	4.5	13.0	4.5	12.7	-	-	-	21.3	-	-
New Mexico	10.6	5.4	15.7	5.8	16.6	-	-	-	-	4.5	12.9
Seattle-Puget Sound	8.6	4.3	12.8	4.4	13.1	-	9.4	3.4	13.8	-	-
Utah	10.2	5.4	15.0	5.5	15.3	-	-	-	-	-	11.9
Metropolitan Atlanta	7.7	4.3	11.1	5.4	13.7	1.3	6.9	-	8.4	-	16.3
San Jose-Monterey	6.9	3.5	10.5	3.4	10.9	-	-	3.4	9.8	3.0	10.2
Los Angeles	8.0	4.2	11.7	4.4	12.4	2.4	6.0	4.3	13.2	3.0	10.9
Rural Georgia	5.0	-	8.5	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	7.2	3.7	10.7	3.9	10.9	1.9	6.7	3.6	11.9	2.9	10.7
Kentucky	7.2	3.6	10.7	3.7	10.8	-	7.6	-	-	-	-
Louisiana	7.1	3.6	10.3	4.3	12.2	1.8	6.8	-	-	-	-
New Jersey	10.7	5.4	15.7	5.7	16.7	3.1	9.2	3.8	13.0	3.6	13.5

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	0.5	0.5	0.5	0.5	0.5	0.4	0.6	0.4	0.8	0.6	0.7
13 SEER Areas ^c	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.7	0.6	0.7
11 SEER Areas ^c	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.4	0.7	0.6	0.7
9 SEER Areas ^c	0.5	0.5	0.5	0.5	0.5	-	0.3	0.4	0.6	0.7	0.7
San Francisco-Oakland	0.4	0.4	0.4	0.5	0.4	-	-	-	-	-	-
Connecticut	0.5	0.5	0.5	0.6	0.5	-	-	-	-	-	-
Metropolitan Detroit	0.5	0.6	0.4	0.6	0.5	-	-	-	-	-	-
Hawaii	0.4	-	-	-	-	-	-	-	-	-	-
Iowa	0.4	0.4	0.4	0.4	0.4	-	-	-	-	-	-
New Mexico	0.6	0.6	0.6	0.5	0.6	-	-	-	-	-	-
Seattle-Puget Sound	0.4	0.4	0.5	0.4	0.5	-	-	-	-	-	-
Utah	0.5	-	0.4	-	-	-	-	-	-	-	-
Metropolitan Atlanta	0.5	-	0.5	-	0.5	-	-	-	-	-	-
San Jose-Monterey	0.4	0.5	0.4	-	-	-	-	-	-	-	-
Los Angeles	0.6	0.6	0.7	0.6	0.6	-	0.9	-	0.7	0.7	0.7
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	0.5	0.4	0.5	0.4	0.5	-	-	-	1.1	0.6	0.8
Kentucky	0.5	0.5	0.5	0.5	0.5	-	-	-	-	-	-
Louisiana	0.7	0.5	0.7	0.5	0.6	-	1.1	-	-	-	-
New Jersey	0.5	0.5	0.5	0.6	0.5	-	-	-	-	-	-
Total U.S.	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.7	0.5	0.6

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Thyroid Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

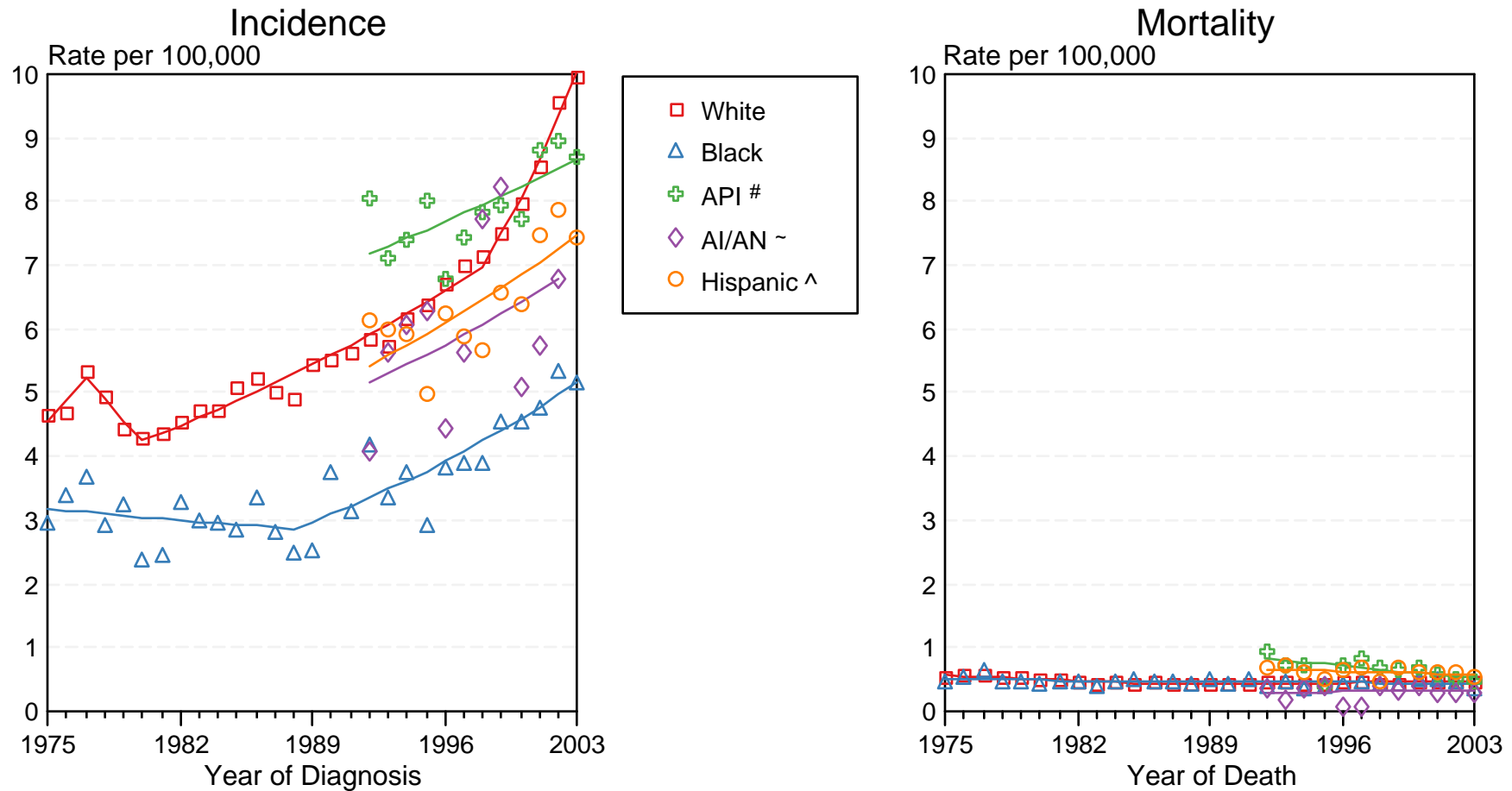


Figure XXVI-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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

RACE/ETHNICITY	Rate 2000-2003 ^b			Trend 1994-2003 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	20.9	37.0	9.3	0.0	0.0	-0.3
White	22.8	40.2	10.0	0.2	0.1	-0.1
White Hispanic ^d	11.7	20.2	5.6	-0.3	0.0	-1.0
White Non-Hispanic ^d	24.2	42.6	10.6	0.2	0.0	0.0
Black	12.4	19.8	7.4	0.7	0.7	0.8
Asian/Pacific Islander	9.3	16.4	3.9	0.6	1.5*	-0.5
Amer Ind/Alaska Nat ^e	7.2	12.5	-	-	-	-
Hispanic ^d	11.5	19.9	5.5	-0.2	0.0	-0.9

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2003			Trend 1994-2003		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.3	7.5	2.3	-0.3*	-0.6*	-0.6
White	4.5	7.8	2.3	-0.1	-0.5*	-0.4
White Hispanic ^d	2.5	4.2	1.4	0.4	-0.2	1.2
White Non-Hispanic ^d	4.6	8.0	2.3	-0.1	-0.4*	-0.4
Black	3.8	5.4	2.8	-1.4*	-1.5*	-1.4*
Asian/Pacific Islander	1.8	2.9	1.0	0.5	1.8	-1.7
Amer Ind/Alaska Nat	1.8	2.6	1.2	1.8	-	-
Hispanic ^d	2.4	4.1	1.4	0.3	-0.3	1.0

- 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 Hawaii, Seattle, Alaska Native Registry and Kentucky. The 2000-2003 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1994-2003 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indians/Alaska Natives include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, and the Alaska Native Registry. Incidence rates are for diagnosis years 1999-2002. Incidence trends are for diagnosis years 1994-2002.
- ^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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER INCIDENCE RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	20.9	37.0	9.3	40.2	10.0	19.8	7.4	16.4	3.9	19.9	5.5
13 SEER Areas ^c	20.3	35.9	9.0	39.7	9.8	20.2	7.5	17.1	4.1	19.2	5.1
11 SEER Areas ^c	20.3	36.0	9.0	39.7	9.8	20.2	7.7	17.1	4.1	19.2	5.1
9 SEER Areas ^c	21.2	37.3	9.5	40.9	10.4	18.9	7.8	17.3	3.8	19.9	6.2
San Francisco-Oakland	18.5	32.1	8.6	37.7	10.3	16.6	6.9	16.5	3.4	19.4	7.5
Connecticut	25.6	44.6	12.1	46.2	12.5	18.0	7.8	-	-	29.5	7.6
Metropolitan Detroit	24.4	44.1	10.8	50.3	11.7	20.5	8.2	-	-	23.9	-
Hawaii	13.4	23.9	5.2	40.1	9.5	-	-	17.7	3.8	-	-
Iowa	22.3	38.8	10.1	38.2	9.9	-	-	-	-	-	-
New Mexico	16.3	28.6	6.8	30.4	7.2	-	-	-	-	18.1	4.2
Seattle-Puget Sound	24.6	43.1	10.7	45.2	11.2	20.1	9.3	22.0	6.3	-	-
Utah	16.9	30.0	6.6	30.4	6.8	-	-	-	-	16.0	-
Metropolitan Atlanta	17.7	31.4	8.6	35.9	9.1	18.2	8.1	15.4	-	19.8	-
San Jose-Monterey	18.5	32.7	8.2	36.5	9.3	39.3	-	15.5	3.6	20.3	5.6
Los Angeles	18.0	32.4	7.6	36.3	8.2	22.6	7.4	17.3	4.7	18.5	4.4
Rural Georgia	13.8	30.7	-	36.9	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	20.3	35.8	8.6	37.7	9.0	20.1	6.7	13.6	3.3	18.3	5.3
Kentucky	21.2	37.7	9.6	38.5	9.7	22.6	8.5	-	-	-	-
Louisiana	18.9	34.3	8.3	39.2	9.0	18.8	6.3	-	-	15.8	-
New Jersey	25.6	44.8	12.1	48.2	12.9	18.7	8.5	16.0	3.9	32.0	8.7

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

^b 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 Hawaii, Seattle, Alaska Native Registry and Kentucky.

^c 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/Ethnicity and Sex

	All Races			Whites		Blacks		Asian/Pacific Islanders		Hispanics ^b	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<u>SEER DEATH RATES^a, 2000-2003</u>											
REGISTRY											
17 SEER Areas ^c	4.1	7.1	2.2	7.6	2.3	5.7	2.9	3.1	1.0	3.9	1.5
13 SEER Areas ^c	3.9	6.7	2.1	7.3	2.1	5.8	2.9	3.1	1.0	4.1	1.4
11 SEER Areas ^c	3.9	6.7	2.1	7.3	2.1	5.9	2.9	3.1	1.0	4.1	1.4
9 SEER Areas ^c	4.1	6.9	2.2	7.4	2.2	5.8	3.2	3.4	1.1	4.6	1.8
San Francisco-Oakland	3.9	6.5	2.2	7.4	2.4	5.7	3.3	3.2	0.9	4.9	2.3
Connecticut	4.6	8.2	2.2	8.4	2.3	6.8	-	-	-	-	-
Metropolitan Detroit	4.3	7.7	2.1	8.2	2.0	5.8	2.8	-	-	-	-
Hawaii	2.6	3.9	1.5	5.3	2.3	-	-	3.6	1.3	-	-
Iowa	3.9	6.6	2.2	6.7	2.2	-	-	-	-	-	-
New Mexico	3.8	6.2	2.1	6.4	2.2	-	-	-	-	4.3	2.1
Seattle-Puget Sound	4.4	7.6	2.3	7.8	2.3	-	-	4.3	-	-	-
Utah	3.2	5.9	1.4	5.9	1.4	-	-	-	-	-	-
Metropolitan Atlanta	4.3	7.1	2.8	7.3	2.3	7.4	4.2	-	-	-	-
San Jose-Monterey	3.1	5.9	1.3	6.7	1.5	-	-	-	-	-	-
Los Angeles	3.6	6.2	2.0	6.9	2.1	6.0	2.4	2.7	1.0	3.9	1.2
Rural Georgia	-	-	-	-	-	-	-	-	-	-	-
California exclud. SF/SJM/LA	4.3	7.3	2.2	7.7	2.3	5.5	3.0	3.2	1.3	3.5	1.5
Kentucky	4.6	8.0	2.4	8.0	2.4	8.6	3.4	-	-	-	-
Louisiana	3.7	6.4	2.1	6.8	2.0	5.5	2.4	-	-	-	-
New Jersey	4.8	8.2	2.7	8.7	2.7	4.6	3.2	-	-	4.8	1.2
Total U.S.	4.3	7.5	2.3	7.8	2.3	5.4	2.8	2.9	1.0	4.1	1.4

^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 Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2000-2003 Hispanic death rates do not include deaths from Minnesota, New Hampshire and North Dakota.

^c 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* Urinary Bladder Cancer, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

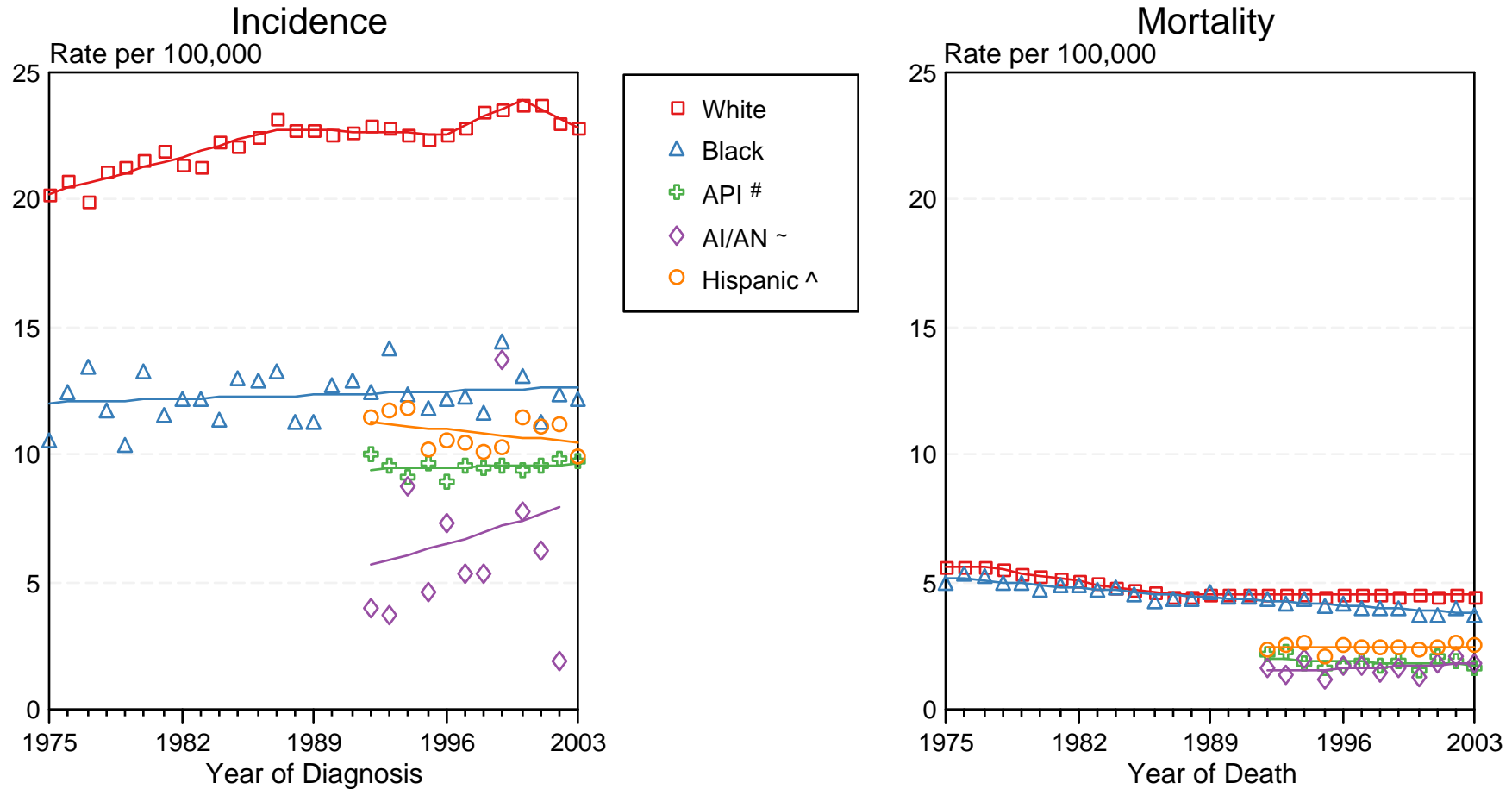


Figure XXVII-2

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and 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*

All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2003 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2003

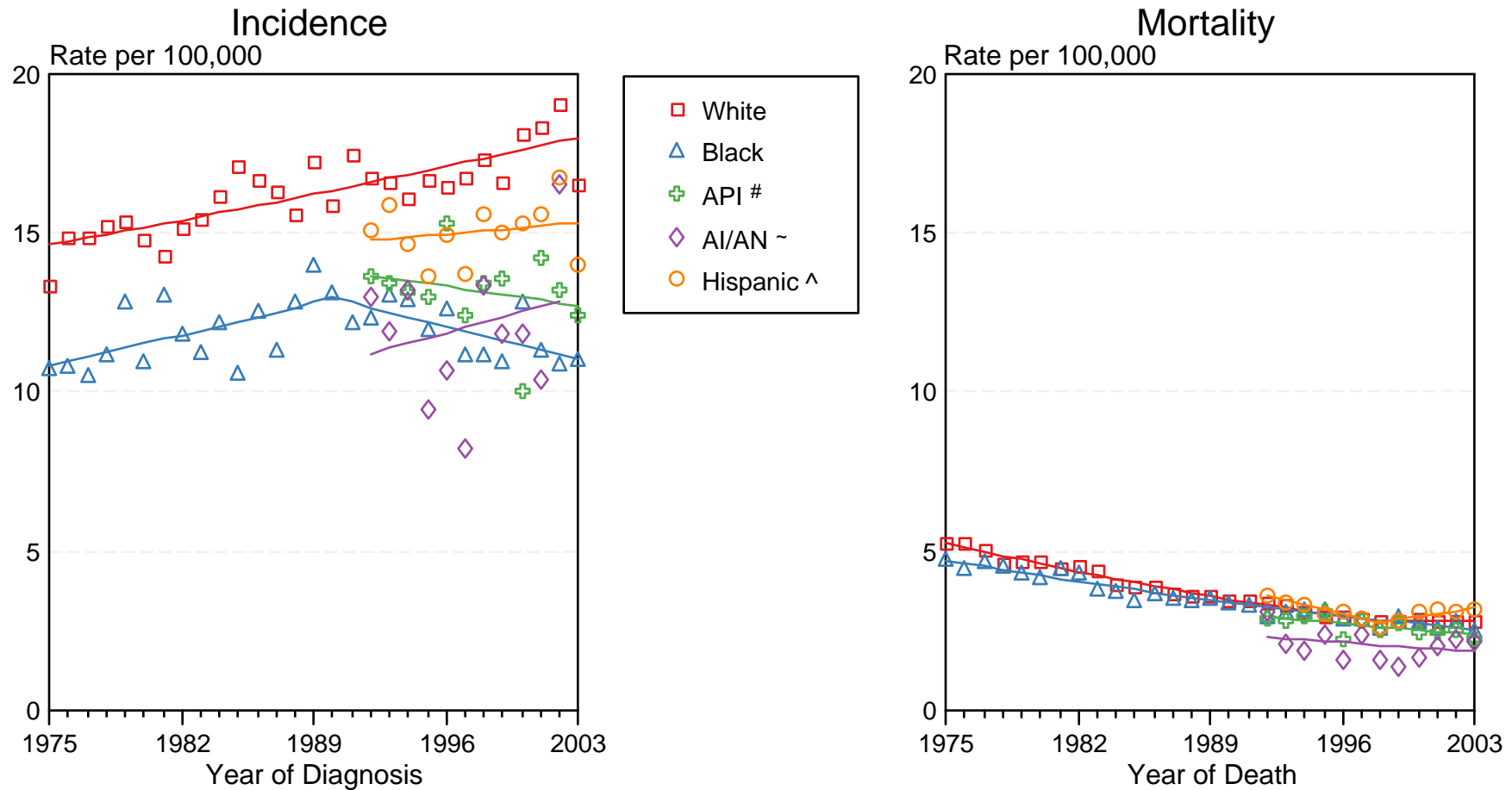


Figure XXVIII-3

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 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.

* Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.1, April 2006, National Cancer Institute.

API = Asian/Pacific Islander.

~ AI/AN = American Indian/Alaska Native. Incidence data for AI/AN include cases from Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta and the Alaska Native Registry for the time period 1992-2002. Mortality data are from the entire US for the time period 1992-2003.

^ 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 Hawaii, Seattle, and the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.