Table 1.24 Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Both Sexes

All Ra	ces		White	e		Blac	k	
	Rateb	APC <sup>c</sup>		Rateb	APC <sup>c</sup>		Rateb	APC <sup>c</sup>
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	463.0	-0.6*	All Sites	471.9	-0.6*	All Sites	483.6	-1.0*
Prostate <sup>f</sup>	68.6	-1.9*	Breast	68.0	-1.0*	Prostate <sup>f</sup>	96.3	-2.1*
Breast	66.8	-0.8*	Prostate <sup>f</sup>	66.1	-2.0*	Lung and Bronchus	69.7	-1.7*
Lung and Bronchus	61.4	-1.5*	Lung and Bronchus	63.1	-1.4*	Breast	69.3	0.3
Colon and Rectum	45.0	-2.6*	Colon and Rectum	44.2	-2.8*	Colon and Rectum	55.3	-2.3*
Melanoma of the Skin	21.1	1.5*	Melanoma of the Skin	25.0	1.6*	Kidney and Renal Pelvis	17.4	2.9*
Urinary Bladder	20.7	-0.6*	Urinary Bladder	22.5	-0.6*	Pancreas	15.8	0.5
Non-Hodgkin Lymphoma	19.7	0.1	Non-Hodgkin Lymphoma	20.7	0.1	Non-Hodgkin Lymphoma	14.2	-0.2
Kidney and Renal Pelvis	15.3	2.4*	Kidney and Renal Pelvis	15.8	2.3*	Corpus and Uterus, NOSf	12.7	1.7*
Corpus and Uterus, NOSf	13.0	0.6	Leukemia	13.5	-0.5*	Urinary Bladder	12.5	-0.2
Leukemia	12.8	-0.5*	Corpus and Uterus, NOS <sup>f</sup>	13.3	0.4	Myeloma	11.9	0.3
Pancreas	12.2	0.9*	Thyroid	13.0	6.4*	Stomach	11.6	-1.8*
Thyroid	12.2	6.3*	Pancreas	12.1	1.0*	Leukemia	9.8	-1.7*
Oral Cavity and Pharynx	10.8	0.2	Oral Cavity and Pharynx	11.2	0.5*	Oral Cavity and Pharynx	9.6	-2.5*
Liver & IBD <sup>g</sup>	7.7	3.6*	Brain and ONS <sup>g</sup>	7.1	-0.2	Liver & IBD <sup>g</sup>	9.1	3.7*
Stomach	7.5	-1.1*	Ovary <sup>fh</sup>	7.1	-1.9*	Thyroid	7.1	5.7*
Asian/Pacific	: Islander		American Indian/Alaska Native <sup>d</sup>			Hispanic <sup>e</sup>		
	Rateb	APCc		Rateb	APC <sup>c</sup>		Rate <sup>b</sup>	APC <sup>c</sup>
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	307.4	-0.9*	All Sites	323.6	-0.6	All Sites	356.7	-0.9*
Breast	50.6	0.3	Lung and Bronchus	42.1	-2.2*	Prostate <sup>f</sup>	55.2	-2.6*
Lung and Bronchus	37.6	-1.3*	Breast	41.7	-0.6	Breast	48.9	-0.6
Colon and Rectum	37.6	-2.4*	Colon and Rectum	39.9	-2.3*	Colon and Rectum	37.7	-1.7*
Prostate <sup>f</sup>	35.5	-3.7*	Prostate <sup>f</sup>	34.3	-1.9*	Lung and Bronchus	32.2	-1.6*
Liver & IBD <sup>g</sup>	14.1	-0.9	Kidney and Renal Pelvis	19.7	3.0*	Non-Hodgkin Lymphoma	17.8	0.7
Non-Hodgkin Lymphoma		-0.9	Kidney and Kenai Pervis	10.1	3.0"	NOII-HOUGKIII LYMPIIOMA	1 / · U	
	13.1	-0.5	Liver & IBD <sup>g</sup>	13.5	4.8*	Kidney and Renal Pelvis	15.1	2.1*
Thyroid								2.1* 2.8*
Thyroid Stomach	13.1	-0.5	Liver & IBD <sup>g</sup>	13.5	4.8*	Kidney and Renal Pelvis	15.1	
	13.1 12.1	-0.5 5.5*	Liver <sup>®</sup> & IBD <sup>g</sup> Non-Hodgkin Lymphoma	13.5 12.3	4.8* 0.1	Kidney and Renal Pelvis Liver & IBD <sup>g</sup>	15.1 12.1	2.8*
Stomach	13.1 12.1 11.9	-0.5 5.5* -3.2*	Liver <sup>®</sup> & IBD <sup>9</sup> Non-Hodgkin Lymphoma Pancreas	13.5 12.3 10.9	4.8* 0.1 2.2*	Kidney and Renal Pelvis Liver & IBD <sup>g</sup> Urinary Bladder	15.1 12.1 11.5	2.8* -1.6*
Stomach Corpus and Uterus, NOS <sup>f</sup>	13.1 12.1 11.9 10.1	-0.5 5.5* -3.2* 2.4*	Liver & IBD <sup>g</sup> Non-Hodgkin Lymphoma Pancreas Corpus and Uterus, NOS <sup>f</sup>	13.5 12.3 10.9 10.8	4.8* 0.1 2.2* 2.9	Kidney and Renal Pelvis Liver & IBD <sup>9</sup> Urinary Bladder Stomach	15.1 12.1 11.5 11.3	2.8* -1.6* -1.8*
Stomach Corpus and Uterus, NOS <sup>f</sup> Pancreas	13.1 12.1 11.9 10.1 9.6	-0.5 5.5* -3.2* 2.4* 0.7	Liver & IBD <sup>g</sup> Non-Hodgkin Lymphoma Pancreas Corpus and Uterus, NOS <sup>f</sup> Stomach	13.5 12.3 10.9 10.8 10.0	4.8* 0.1 2.2* 2.9	Kidney and Renal Pelvis Liver & IBD <sup>9</sup> Urinary Bladder Stomach Pancreas	15.1 12.1 11.5 11.3 11.3	2.8* -1.6* -1.8* 0.3
Stomach Corpus and Uterus, NOS <sup>f</sup> Pancreas Urinary Bladder	13.1 12.1 11.9 10.1 9.6 9.0 7.9	-0.5 5.5* -3.2* 2.4* 0.7 -1.0*	Liver & IBD <sup>g</sup> Non-Hodgkin Lymphoma Pancreas Corpus and Uterus, NOS <sup>f</sup> Stomach Urinary Bladder	13.5 12.3 10.9 10.8 10.0 7.8	4.8* 0.1 2.2* 2.9 -3.5 1.1	Kidney and Renal Pelvis Liver & IBD <sup>9</sup> Urinary Bladder Stomach Pancreas Thyroid	15.1 12.1 11.5 11.3 11.3	2.8* -1.6* -1.8* 0.3 5.4*
Stomach Corpus and Uterus, NOS <sup>f</sup> Pancreas Urinary Bladder Kidney and Renal Pelvis	13.1 12.1 11.9 10.1 9.6 9.0 7.9	-0.5 5.5* -3.2* 2.4* 0.7 -1.0* 2.8*	Liver & IBD <sup>9</sup> Non-Hodgkin Lymphoma Pancreas Corpus and Uterus, NOS <sup>f</sup> Stomach Urinary Bladder Oral Cavity and Pharynx	13.5 12.3 10.9 10.8 10.0 7.8 7.4	4.8* 0.1 2.2* 2.9 -3.5 1.1 0.2	Kidney and Renal Pelvis Liver & IBD <sup>g</sup> Urinary Bladder Stomach Pancreas Thyroid Corpus and Uterus, NOS <sup>f</sup>	15.1 12.1 11.5 11.3 11.3 10.5 10.4	2.8* -1.6* -1.8* 0.3 5.4* 1.5*

Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

- а Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. f
- The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- 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).

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.

All Ra	ces		Whit	<u>e</u>		Black			
	Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010		Rate <sup>b</sup> 2006-2010	APC° 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010	
All Sites	535.9	-1.1*	All Sites	539.1	-1.1*	All Sites	610.4	-1.9*	
Prostate	152.0	-2.3*	Prostate	144.9	-2.5*	Prostate	228.5	-2.6*	
Lung and Bronchus	74.3	-2.2*	Lung and Bronchus	74.5	-2.2*	Lung and Bronchus	95.8	-2.8*	
Colon and Rectum	52.2	-2.9*	Colon and Rectum	51.3	-3.1*	Colon and Rectum	64.3	-2.4*	
Urinary Bladder	36.6	-0.7*	Urinary Bladder	39.8	-0.7*	Kidney and Renal Pelvis	24.1	2.5*	
Melanoma of the Skin	27.4	1.8*	Melanoma of the Skin	31.9	1.8*	Urinary Bladder	21.0	0.4	
Non-Hodgkin Lymphoma	23.9	0.2	Non-Hodgkin Lymphoma	25.0	0.2	Pancreas	17.6	1.3*	
Kidney and Renal Pelvis	21.0	2.2*	Kidney and Renal Pelvis	21.5	2.2*	Non-Hodgkin Lymphoma	17.4	-0.2	
Leukemia	16.3	-0.8*	Leukemia	17.2	-0.8*	Stomach	16.1	-2.1*	
Oral Cavity and Pharynx	16.2	0.2	Oral Cavity and Pharynx	16.7	0.6*	Liver & IBD <sup>f</sup>	15.1	3.7*	
Pancreas	13.9	0.8*	Pancreas	13.8	0.8*	Oral Cavity and Pharynx	14.9	-3.1*	
Liver & IBD <sup>f</sup>	11.9	3.8*	Liver & IBD <sup>f</sup>	10.4	4.5*	Myeloma	14.4	-0.4	
Stomach	10.4	-1.5*	Stomach	9.2	-1.3*	Leukemia	12.6	-1.9*	
Esophagus	7.7	-0.9*	Brain and ONS <sup>f</sup>	8.4	-0.1	Larynx	9.6	-3.7*	
Brain and ONS <sup>f</sup>	7.7	-0.3	Esophagus	8.0	-0.2	Esophagus	8.4	-5.0*	
Myeloma	7.5	0.6*	Myeloma	7.1	0.7*	Brain and ONS <sup>f</sup>	4.7	-0.2	
Asian/Pacific	: Islander		American Indian/	Alaska Nati	ive <sup>d</sup>	Hispanic <sup>e</sup>			
	Rate <sup>b</sup>	APC°		Rateb	APC <sup>c</sup>		Rateb	APC <sup>c</sup>	
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010	
All Sites	335.0	-1.8*	All Sites	351.3	-0.7	All Sites	409.7	-1.4*	
Prostate	01 0								
Lung and Bronchus	81.8	-3.8*	Prostate	77.8	-2.2*	Prostate	125.8	-3.0*	
Lulig alla brollellus	81.8 50.7	-3.8* -1.7*	Prostate Lung and Bronchus	77.8 51.2	-2.2* -2.3*	Prostate Colon and Rectum	125.8 45.5	-3.0* -1.7*	
Colon and Rectum									
3	50.7	-1.7*	Lung and Bronchus	51.2 44.1	-2.3*	Colon and Rectum	45.5	-1.7*	
Colon and Rectum	50.7 43.8	-1.7* -2.7*	Lung and Bronchus Colon and Rectum	51.2 44.1	-2.3* -1.2	Colon and Rectum Lung and Bronchus	45.5 40.6	-1.7* -2.6*	
Colon and Rectum Liver & IBD <sup>f</sup>	50.7 43.8 21.4	-1.7* -2.7* -0.9	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis	51.2 44.1 24.8	-2.3* -1.2 2.9	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma	45.5 40.6 20.5 20.2	-1.7* -2.6* 0.7	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder	50.7 43.8 21.4 16.1	-1.7* -2.7* -0.9 -1.0*	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup>	51.2 44.1 24.8 20.6	-2.3* -1.2 2.9 6.1	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder	45.5 40.6 20.5 20.2	-1.7* -2.6* 0.7 -1.5*	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma	50.7 43.8 21.4 16.1 16.1	-1.7* -2.7* -0.9 -1.0* -0.2	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma	51.2 44.1 24.8 20.6 14.1	-2.3* -1.2 2.9 6.1 -1.1	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis	45.5 40.6 20.5 20.2 20.1	-1.7* -2.6* 0.7 -1.5* 2.1*	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach	50.7 43.8 21.4 16.1 16.1 15.5	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5*	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder	51.2 44.1 24.8 20.6 14.1 13.7	-2.3* -1.2 2.9 6.1 -1.1	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup>	45.5 40.6 20.5 20.2 20.1 18.3	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2*	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach Kidney and Renal Pelvis	50.7 43.8 21.4 16.1 16.1 15.5	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5* 3.2*	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder Stomach	51.2 44.1 24.8 20.6 14.1 13.7 13.1	-2.3* -1.2 2.9 6.1 -1.15.4*	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Stomach	45.5 40.6 20.5 20.2 20.1 18.3 14.9	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2* -1.3*	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach Kidney and Renal Pelvis Oral Cavity and Pharynx	50.7 43.8 21.4 16.1 15.5 11.0	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5* 3.2* 0.4 0.3 -0.8	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder Stomach Pancreas	51.2 44.1 24.8 20.6 14.1 13.7 13.1	-2.3* -1.2 2.9 6.1 -1.1 -5.4*	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Stomach Leukemia	45.5 40.6 20.5 20.2 20.1 18.3 14.9 12.2 12.1	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2* -1.3* -0.3 0.9 -0.1	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach Kidney and Renal Pelvis Oral Cavity and Pharynx Pancreas	50.7 43.8 21.4 16.1 16.1 15.5 11.0 11.0	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5* 3.2* 0.4 0.3	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder Stomach Pancreas Oral Cavity and Pharynx	51.2 44.1 24.8 20.6 14.1 13.7 13.1 11.4	-2.3* -1.2 2.9 6.1 -1.1 -5.4* -2.9	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Stomach Leukemia Pancreas Oral Cavity and Pharynx Myeloma	45.5 40.6 20.5 20.2 20.1 18.3 14.9 12.2 12.1	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2* -1.3* -0.3 0.9	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach Kidney and Renal Pelvis Oral Cavity and Pharynx Pancreas Leukemia	50.7 43.8 21.4 16.1 15.5 11.0 11.0 10.4 9.0	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5* 3.2* 0.4 0.3 -0.8	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder Stomach Pancreas Oral Cavity and Pharynx Leukemia	51.2 44.1 24.8 20.6 14.1 13.7 13.1 11.4 11.1 8.8	-2.3* -1.2 2.9 6.1 -1.15.4* - 2.9	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Stomach Leukemia Pancreas Oral Cavity and Pharynx	45.5 40.6 20.5 20.2 20.1 18.3 14.9 12.2 12.1 9.3	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2* -1.3* -0.3 0.9 -0.1	
Colon and Rectum Liver & IBD <sup>f</sup> Urinary Bladder Non-Hodgkin Lymphoma Stomach Kidney and Renal Pelvis Oral Cavity and Pharynx Pancreas Leukemia Thyroid	50.7 43.8 21.4 16.1 15.5 11.0 11.0 10.4 9.0 5.3	-1.7* -2.7* -0.9 -1.0* -0.2 -3.5* 3.2* 0.4 0.3 -0.8 4.6*	Lung and Bronchus Colon and Rectum Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Urinary Bladder Stomach Pancreas Oral Cavity and Pharynx Leukemia Esophagus	51.2 44.1 24.8 20.6 14.1 13.7 13.1 11.4 11.1 8.8 6.1	-2.3* -1.2 2.9 6.1 -1.15.4* - 2.9	Colon and Rectum Lung and Bronchus Non-Hodgkin Lymphoma Urinary Bladder Kidney and Renal Pelvis Liver & IBD <sup>f</sup> Stomach Leukemia Pancreas Oral Cavity and Pharynx Myeloma	45.5 40.6 20.5 20.2 20.1 18.3 14.9 12.2 12.1 9.3 6.7	-1.7* -2.6* 0.7 -1.5* 2.1* 3.2* -1.3* -0.3 0.9 -0.1 -1.3	

Source: SEER 18 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, New Jersey and Georgia
excluding ATL/RG).

- a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- \* The APC is significantly different from zero (p<.05).
- 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.

All Races

Table 1.26 Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Females

White

Black

	CCD		WIII			Diac		
	Rate <sup>b</sup>	APC <sup>c</sup>		Rate <sup>b</sup>	APC <sup>c</sup>		Rate <sup>b</sup>	APC <sup>c</sup>
All Sites	2006-2010	2001-2010	All Sites	2006-2010 424.4	<u>2001-2010</u> -0.3	All Sites	2006-2010 397.5	<u>2001-2010</u> -0.1
	411.2	-0.3						
Breast	123.8	-0.6	Breast	127.4	-0.8*	Breast	121.4	0.4
Lung and Bronchus	51.9	-0.7*	Lung and Bronchus	54.6	-0.6*	Lung and Bronchus	52.2	-0.2
Colon and Rectum	39.3	-2.4*	Colon and Rectum	38.4	-2.5*	Colon and Rectum	49.2	-2.4*
Corpus and Uterus, NOS	24.3	0.9*	Corpus and Uterus, NOS	25.1	0.7*	Corpus and Uterus, NOS	22.2	1.9*
Thyroid	18.2	6.5*	Melanoma of the Skin	20.0	1.3*	Pancreas	14.3	0.0
Melanoma of the Skin	16.7	1.2*	Thyroid	19.4	6.6*	Kidney and Renal Pelvis		3.2*
Non-Hodgkin Lymphoma	16.4	-0.1	Non-Hodgkin Lymphoma	17.3	0.0	Non-Hodgkin Lymphoma	11.8	-0.3
Ovary <sup>g</sup>	12.5	-1.7*	Ovary <sup>g</sup>	13.3	-1.7*	Thyroid	10.5	6.1*
Pancreas	10.9	1.0*	Kidney and Renal Pelvis		2.3*	Myeloma	10.2	0.7
Kidney and Renal Pelvis	10.6	2.3*	Pancreas	10.7	1.1*	Ovary <sup>g</sup>	9.7	-0.9
Leukemia	10.0	-0.4	Leukemia	10.5	-0.4	Cervix Uteri	9.6	-3.0*
Urinary Bladder	8.9	-0.9*	Urinary Bladder	9.5	-0.9*	Stomach	8.7	-1.2
Cervix Uteri	7.9	-1.7*	Cervix Uteri	7.9	-1.4*	Leukemia	7.8	-1.6*
Oral Cavity and Pharynx	6.2	-0.2	Oral Cavity and Pharynx	6.3	0.1	Urinary Bladder	7.1	-1.2
Brain and ONS <sup>f</sup>	5.4	-0.4	Brain and ONS <sup>f</sup>	6.0	-0.4	Oral Cavity and Pharynx	5.4	-1.4
Asian/Pacific	c Islander		American Indian/	Alaska Nat	ive <sup>d</sup>	Hispan	<u>ic<sup>e</sup></u>	
Asian/Pacifi	Rateb	APC° 2001-2010	American Indian/	Rateb	APC°	Hispan	Rateb	APC <sup>c</sup> 2010
	Rate <sup>b</sup> 2006-2010	2001-2010		Rate <sup>b</sup> 2006-2010	APC° 2001-2010		Rate <sup>b</sup> 2006-2010	2001-2010
All Sites	Rate <sup>b</sup> 2006-2010 291.5	<u>2001-2010</u> -0.1	All Sites	Rate <sup>b</sup> 2006-2010 306.5	APC <sup>c</sup> 2001-2010 -0.4	All Sites	Rate <sup>b</sup> 2006-2010 323.2	<u>2001-2010</u> -0.4*
All Sites Breast	Rate <sup>b</sup> 2006-2010 291.5 91.8	-0.1 0.2	All Sites Breast	Rate <sup>b</sup> 2006-2010 306.5 77.1	APC° 2001-2010 -0.4 -0.5	All Sites Breast	Rate <sup>b</sup> 2006-2010 323.2 90.8	2001-2010 -0.4* -0.5
All Sites Breast Colon and Rectum	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7	-0.1 0.2 -2.0*	All Sites Breast Colon and Rectum	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6	APC°	All Sites Breast Colon and Rectum	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6	2001-2010 -0.4* -0.5 -1.8*
All Sites Breast Colon and Rectum Lung and Bronchus	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1	2001-2010 -0.1 0.2 -2.0* -0.4	All Sites Breast Colon and Rectum Lung and Bronchus	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0	All Sites Breast Colon and Rectum Lung and Bronchus	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3	-0.4* -0.5 -1.8* -0.6
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6	-0.1 -0.1 0.2 -2.0* -0.4 2.4*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9	2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6	APC° - 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9	- 2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4	-0.1 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8	APC° - 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>g</sup> Stomach	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3	2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7	APC° - 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>3</sup> Kidney and Renal Pelvis	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9	2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>g</sup> Pancreas	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Kidney and Renal Pelvis Cervix Uteri	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas Liver & IBD <sup>f</sup>	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9 8.2	-0.1 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0 -0.9	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Pancreas Liver & IBD <sup>f</sup>	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5 7.7	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9 2.8	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>s</sup> Kidney and Renal Pelvis Cervix Uteri Pancreas	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9 10.6	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2* -0.2
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas Liver & IBD <sup>f</sup> Cervix Uteri	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9 8.2 6.6	- 2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0 -0.9 -3.9*	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Pancreas Liver & IBD <sup>f</sup> Stomach	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5 7.7 7.7	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9 2.8 -1.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>3</sup> Kidney and Renal Pelvis Cervix Uteri Pancreas Leukemia	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9 10.6 8.7	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2* -0.2 -0.1
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas Liver & IBD <sup>f</sup> Cervix Uteri Leukemia	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9 8.2 6.6 6.1	- 2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0 -0.9 -3.9* 0.0	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>g</sup> Pancreas Liver & IBD <sup>f</sup> Stomach Cervix Uteri	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5 7.7 7.7	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9 2.8 -1.1 0.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>s</sup> Kidney and Renal Pelvis Cervix Uteri Pancreas Leukemia Stomach	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9 10.6 8.7 8.6	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2* -0.2 -0.1 -2.3*
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas Liver & IBD <sup>f</sup> Cervix Uteri Leukemia Kidney and Renal Pelvis	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9 8.2 6.6 6.1 5.5	- 2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0 -0.9 -3.9* 0.0 2.4	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Pancreas Liver & IBD <sup>f</sup> Stomach Cervix Uteri Leukemia	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5 7.7 7.7 7.3 6.2	APC° - 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9 2.8 -1.1 0.1 -2.3	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>3</sup> Kidney and Renal Pelvis Cervix Uteri Pancreas Leukemia Stomach Liver & IBD <sup>f</sup>	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9 10.6 8.7 8.6 6.9	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2* -0.2 -0.1 -2.3* 1.8
All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>9</sup> Stomach Pancreas Liver & IBD <sup>f</sup> Cervix Uteri Leukemia	Rate <sup>b</sup> 2006-2010 291.5 91.8 32.7 28.1 18.6 17.9 10.9 9.4 9.3 8.9 8.2 6.6 6.1 5.5	- 2001-2010 -0.1 0.2 -2.0* -0.4 2.4* 5.7* -0.8 -1.2 -2.6* 1.0 -0.9 -3.9* 0.0	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Kidney and Renal Pelvis Thyroid Non-Hodgkin Lymphoma Ovary <sup>g</sup> Pancreas Liver & IBD <sup>f</sup> Stomach Cervix Uteri	Rate <sup>b</sup> 2006-2010 306.5 77.1 36.6 35.7 20.3 15.6 11.0 10.8 10.7 10.5 7.7 7.7 7.3 6.2	APC° 2001-2010 -0.4 -0.5 -3.3* -2.0 3.1 3.0 4.7* 0.8 -3.7 1.9 2.8 -1.1 0.1	All Sites Breast Colon and Rectum Lung and Bronchus Corpus and Uterus, NOS Thyroid Non-Hodgkin Lymphoma Ovary <sup>s</sup> Kidney and Renal Pelvis Cervix Uteri Pancreas Leukemia Stomach	Rate <sup>b</sup> 2006-2010 323.2 90.8 31.6 26.3 19.4 16.4 15.6 11.3 11.1 10.9 10.6 8.7 8.6	- 2001-2010 -0.4* -0.5 -1.8* -0.6 1.7* 5.7* 0.7 -1.8* 1.9* -4.2* -0.2 -0.1 -2.3*

Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

- Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- The APC is the Annual Percent Change over the time interval.

- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130). d
- Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
- Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- 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).
- 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.

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Table 1.27 Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Both Sexes

All Ra	.ces		Whit	e		Blac	:k		
	Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010	
All Sites	176.4	-1.5*	All Sites	175.8	-1.4*	All Sites	210.3	-2.1*	
Lung and Bronchus	49.5	-1.7*	Lung and Bronchus	50.2	-1.6*	Lung and Bronchus	53.5	-2.4*	
Colon and Rectum	16.4	-2.9*	Colon and Rectum	15.9	-3.0*	Colon and Rectum	22.8	-2.8*	
Breast	12.7	-2.2*	Breast	12.3	-2.2*	Breast	18.2	-1.7*	
Pancreas	10.9	0.5*	Pancreas	10.8	0.6*	Prostate <sup>f</sup>	18.0	-3.4*	
Prostate <sup>f</sup>	9.0	-2.7*	Prostate <sup>f</sup>	8.3	-2.5*	Pancreas	13.7	-0.1	
Leukemia	7.1	-1.0*	Leukemia	7.3	-0.9*	Liver & IBD <sup>g</sup>	7.4	2.4*	
Non-Hodgkin Lymphoma	6.4	-2.8*	Non-Hodgkin Lymphoma	6.7	-2.7*	Stomach	6.7	-3.2*	
Liver & IBD <sup>g</sup>	5.6	2.4*	Liver & IBD <sup>g</sup>	5.2	2.5*	Myeloma	6.4	-1.7*	
Ovary <sup>f</sup>	4.5	-2.0*	Ovary <sup>f</sup>	4.7	-2.0*	Leukemia	6.1	-1.6*	
Urinary Bladder	4.4	0.1	Brain and ONS <sup>g</sup>	4.6	-0.4	Non-Hodgkin Lymphoma	4.6	-2.5*	
Esophagus	4.3	-0.6*	Urinary Bladder	4.6	0.3*	Esophagus	4.4	-4.8*	
Brain and ONS <sup>g</sup>	4.3	-0.5*	Esophagus	4.4	0.0	Corpus and Uterus, NOSf	4.4	0.4	
Kidney and Renal Pelvis	4.0	-1.0*	Kidney and Renal Pelvis	4.1	-1.0*	Ovary <sup>f</sup>	4.0	-1.9*	
Stomach	3.5	-2.9*	Myeloma	3.1	-1.8*	Kidney and Renal Pelvis	3.9	-1.1*	
Myeloma	3.4	-1.8*	Melanoma of the Skin	3.1	0.7*	Urinary Bladder	3.7	-0.8	
Asian/Pacifi	c Islander		American Indian/	Alaska Nat	ive <sup>d</sup>	Hispanic <sup>e</sup>			
	Rateb	APC <sup>c</sup>		Rateb	APC <sup>c</sup>		Rateb	APC°	
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010	
All Sites	108.8	-1.2*	All Sites	160.4	-0.7*	All Sites	121.8	-1.4*	
Lung and Bronchus	25.5	-1.2*	Lung and Bronchus	40.2	-0.7	Lung and Bronchus	21.3	-2.1*	
Colon and Rectum	11.2	-1.9*	Colon and Rectum	16.9	-0.4	Colon and Rectum	12.7	-1.7*	
Liver & IBD <sup>g</sup>	9.7	-1.2*	Liver & IBD <sup>g</sup>	9.3	1.5	Pancreas	8.6	0.2	
Pancreas	7.6	0.5	Pancreas	9.2	2.1	Liver & IBD <sup>g</sup>	8.5	1.6*	
Stomach	6.6	-3.4*	Breast	8.8	-1.3	Breast	8.2	-1.6*	
Breast	6.5	-1.5*	Prostate <sup>f</sup>	8.1	-1.0	Prostate <sup>f</sup>	7.5	-2.6*	
Non-Hodgkin Lymphoma	4.1	-2.1*	Kidney and Renal Pelvis	6.7	-0.2	Stomach	5.7	-2.7*	
Prostate <sup>f</sup>	4.1	-2.5*	Stomach	5.6	-5.4*	Non-Hodgkin Lymphoma	5.3	-1.4*	
Leukemia	3.9	0.2	Non-Hodgkin Lymphoma	4.8	-3.0	Leukemia	4.9	-0.9*	
Ovary <sup>f</sup>	2.7	-0.5	Leukemia	4.8	-0.1	Kidney and Renal Pelvis		-1.0	
Kidney and Renal Pelvis	2.0	1.9	Ovary <sup>f</sup>	4.1	-2.3	Ovary <sup>f</sup>	3.3	-1.3*	
Oral Cavity and Pharynx	2.0	-2.5*	Esophagus	3.6	-2.0*	Myeloma	2.8	-2.0*	
Brain and ONS <sup>g</sup>	1.9	-0.1	Myeloma	2.9	-5.0*	Brain and ONS <sup>g</sup>	2.8	-0.2	
Esophagus									
EBOPHAGUS	1.8 1.7	-0.8 0.4	Brain and ONS <sup>g</sup>	2.6 2.4	2.8 2.8	Urinary Bladder	2.4	-1.1 -0.7	

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
  Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina. The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire, North Dakota and South Carolina.
- The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).
- 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.

Table 1.28 Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites by Race/Ethnicity Males

All Ra	ces		Whit	e		Black			
	Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010		Rate <sup>b</sup> 2006-2010	APC° 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010	
All Sites	215.3	-1.8*	All Sites	213.1	-1.7*	All Sites	276.6	-2.6*	
Lung and Bronchus	63.5	-2.5*	Lung and Bronchus	63.2	-2.4*	Lung and Bronchus	78.5	-3.3*	
Prostate	23.0	-3.4*	Prostate	21.2	-3.3*	Prostate	50.9	-3.8*	
Colon and Rectum	19.6	-3.0*	Colon and Rectum	19.1	-3.1*	Colon and Rectum	28.7	-2.4*	
Pancreas	12.5	0.4*	Pancreas	12.5	0.5*	Pancreas	15.3	0.0	
Leukemia	9.5	-1.0*	Leukemia	9.8	-0.9*	Liver & IBD <sup>f</sup>	11.8	3.0*	
Liver & IBD <sup>f</sup>	8.3	2.5*	Non-Hodgkin Lymphoma	8.5	-2.6*	Stomach	9.8	-3.1*	
Non-Hodgkin Lymphoma	8.2	-2.6*	Urinary Bladder	8.1	0.2	Leukemia	8.2	-1.3*	
Urinary Bladder	7.7	0.1	Esophagus	7.8	0.1	Myeloma	7.9	-1.3*	
Esophagus	7.6	-0.5*	Liver & IBD <sup>f</sup>	7.6	2.6*	Esophagus	7.7	-4.6*	
Kidney and Renal Pelvis	5.8	-1.0*	Kidney and Renal Pelvis	5.9	-1.0*	Non-Hodgkin Lymphoma	5.9	-2.0*	
Brain and ONS <sup>f</sup>	5.2	-0.5*	Brain and ONS <sup>f</sup>	5.6	-0.4	Kidney and Renal Pelvis	5.7	-1.3*	
Stomach	4.9	-3.2*	Melanoma of the Skin	4.6	1.0*	Urinary Bladder	5.5	0.0	
Myeloma	4.3	-1.4*	Stomach	4.2	-3.4*	Oral Cavity and Pharynx	5.2	-4.1*	
Melanoma of the Skin	4.1	0.9*	Myeloma	4.0	-1.5*	Larynx	3.9	-4.0*	
Oral Cavity and Pharynx	3.8	-1.3*	Oral Cavity and Pharynx	3.6	-0.8*	Brain and ONS <sup>f</sup>	3.0	-0.8	
Asian/Pacific	c Islander		American Indian/	Alaska Nat:	ive <sup>d</sup>	<u> </u>			
	Rateb	APC°		Rateb	APCc		Rateb	APC <sup>c</sup>	
	2006-2010	2001-2010		2006-2010			2006-2010	2001-2010	
All Sites	132.4	-1.3*	All Sites	191.0	-0.4	All Sites	152.1	-1.6*	
Lung and Bronchus	35.5	-1.6*	Lung and Bronchus	49.6	-0.5	Lung and Bronchus	31.3	-2.8*	
Liver & IBD <sup>f</sup>	14.4	-1.0*	Prostate	20.7	-1.4	Prostate	19.2	-3.0*	
Colon and Rectum	13.1	-2.3*	Colon and Rectum	18.7	-1.5	Colon and Rectum	16.1	-1.4*	
Prostate	10.1	-2.3*	Liver & IBD <sup>f</sup>	13.2	3.3	Liver & IBD <sup>f</sup>	12.3	1.9*	
Stomach	8.7	-3.1*	Pancreas	10.1	3.5	Pancreas	9.6	0.5	
Pancreas	8.3	0.5	Kidney and Renal Pelvis		0.1	Stomach	7.6	-2.9*	
Non-Hodgkin Lymphoma	5.2	-2.0*	Stomach	8.1	-5.7*	Non-Hodgkin Lymphoma	6.5	-1.4*	
Leukemia	5.0	-0.2	Leukemia	7.0	3.7*	Leukemia	6.1	-1.1*	
Esophagus	3.1	-1.1	Esophagus	6.1	-2.4	Kidney and Renal Pelvis	5.1	-1.5	
Oral Cavity and Pharynx	3.0	-2.6*	Non-Hodgkin Lymphoma	5.4	-1.8	Esophagus	4.3	-0.3	
Kidney and Renal Pelvis	3.0	3.3*	Urinary Bladder	4.1	-	Urinary Bladder	4.0	-1.1	
Urinary Bladder	2.8	-1.0	Myeloma	3.6	-3.6*	Myeloma	3.5	-1.9	
Brain and ONS <sup>f</sup>	2.3	-1.5	Oral Cavity and Pharynx	3.4	-3.4	Brain and ONS <sup>f</sup>	3.3	-0.1	
Myeloma	2.3	3.2*	Brain and ONS <sup>f</sup>	2.8	1.0	Oral Cavity and Pharynx	2.5	-1.9*	
Soft Tissue including H	eart 0.9	1.2	Larynx	2.1	-	Larynx	1.7	-2.7*	

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina. The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire, North Dakota and South Carolina.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).
- 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.

All Races

Rateb

2006-2010 2001-2010

APC<sup>c</sup>

White

Rateb

2006-2010 2001-2010

APC<sup>c</sup>

Black

Rateb

2006-2010 2001-2010

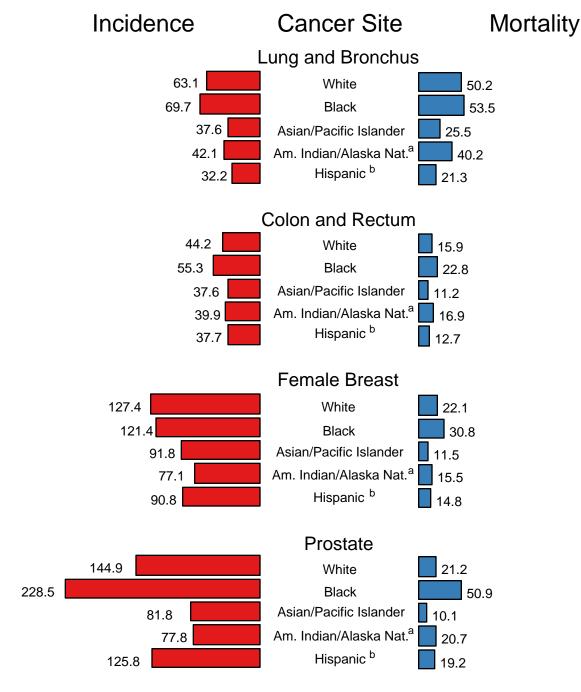
APC<sup>c</sup>

	2000 2010	2001 2010	_	2000 2010	2001 2010		2000 2010	2001 2010
All Sites	149.7	-1.4*	All Sites	149.8	-1.3*	All Sites	171.2	-1.7*
Lung and Bronchus	39.2	-0.9*	Lung and Bronchus	40.4	-0.8*	Lung and Bronchus	37.2	-1.2*
Breast	22.6	-2.0*	Breast	22.1	-2.0*	Breast	30.8	-1.6*
Colon and Rectum	13.9	-3.0*	Colon and Rectum	13.4	-3.0*	Colon and Rectum	19.0	-3.3*
Pancreas	9.6	0.4*	Pancreas	9.4	0.6*	Pancreas	12.5	-0.1
Ovary	8.1	-1.8*	Ovary	8.4	-1.8*	Corpus and Uterus, NOS	7.4	0.7*
Leukemia	5.3	-1.3*	Leukemia	5.5	-1.2*	Ovary	6.7	-1.7*
Non-Hodgkin Lymphoma	5.1	-3.1*	Non-Hodgkin Lymphoma	5.3	-3.1*	Myeloma	5.4	-2.2*
Corpus and Uterus, NOS	4.3	0.5	Corpus and Uterus, NOS	4.0	0.4	Leukemia	4.8	-1.9*
Brain and ONS <sup>f</sup>	3.5	-0.5*	Brain and ONS <sup>f</sup>	3.8	-0.4	Stomach	4.7	-3.5*
Liver & IBD <sup>f</sup>	3.4	1.6*	Liver & IBD <sup>f</sup>	3.2	1.9*	Cervix Uteri	4.2	-2.4*
Myeloma	2.7	-2.3*	Kidney and Renal Pelvis	2.6	-1.2*	Liver & IBD <sup>f</sup>	4.1	0.8
Kidney and Renal Pelvis	2.6	-1.3*	Myeloma	2.5	-2.3*	Non-Hodgkin Lymphoma	3.6	-3.0*
Stomach	2.5	-2.7*	Urinary Bladder	2.2	-0.4	Urinary Bladder	2.6	-1.9*
Cervix Uteri	2.4	-1.5*	Stomach	2.2	-2.7*	Kidney and Renal Pelvis	2.6	-1.1*
Urinary Bladder	2.2	-0.6*	Cervix Uteri	2.2	-1.3*	Esophagus	2.1	-5.2*
Asian/Pacific	: Islander		American Indian/A	laska Nati	Lve <sup>d</sup>	Hispan	ic <sup>e</sup>	
	Rateb	APCC		Rateb	APCc		Rateb	APCc
	Rate <sup>b</sup> 2006-2010	APC° 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010		Rate <sup>b</sup> 2006-2010	APC <sup>c</sup> 2001-2010
All Sites	2006-2010	APC° 2001-2010 -1.0*	All Sites	2006-2010	APC° 2001-2010 -1.1*	All Sites	Rate <sup>b</sup> 2006-2010 101.2	2001-2010
All Sites Lung and Bronchus		2001-2010	All Sites		2001-2010		2006-2010	
	2006-2010 92.1	<u>2001-2010</u> -1.0*		2006-2010 139.0	2001-2010	All Sites	2006-2010 101.2	2001-2010
Lung and Bronchus	2006-2010 92.1 18.4	2001-2010 -1.0* -0.5	All Sites Lung and Bronchus	2006-2010 139.0 33.1	2001-2010 -1.1* -0.8	All Sites Breast	2006-2010 101.2 14.8	2001-2010 -1.2* -1.5*
Lung and Bronchus Breast	2006-2010 92.1 18.4 11.5	-1.0* -0.5 -1.7*	All Sites Lung and Bronchus Breast	2006-2010 139.0 33.1 15.5	2001-2010 -1.1* -0.8 -1.1	All Sites Breast Lung and Bronchus	2006-2010 101.2 14.8 14.1	2001-2010 -1.2* -1.5* -1.1*
Lung and Bronchus Breast Colon and Rectum Pancreas	2006-2010 92.1 18.4 11.5 9.7	2001-2010 -1.0* -0.5 -1.7* -1.6*	All Sites Lung and Bronchus Breast Colon and Rectum	2006-2010 139.0 33.1 15.5 15.4	2001-2010 -1.1* -0.8 -1.1 0.4	All Sites Breast Lung and Bronchus Colon and Rectum	2006-2010 101.2 14.8 14.1 10.2	2001-2010 -1.2* -1.5* -1.1* -2.1*
Lung and Bronchus Breast Colon and Rectum	92.1 18.4 11.5 9.7 7.1	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas	2006-2010 139.0 33.1 15.5 15.4 8.6	2001-2010 -1.1* -0.8 -1.1 0.4 0.5	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas	2006-2010 101.2 14.8 14.1 10.2 7.7	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup>	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2*
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7*	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup>	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup>	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9*
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5*
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0*	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.4	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6*
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma Leukemia	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4 3.1	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0* 0.7	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3 3.8	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8 -6.0*	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach Leukemia	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.4 4.0	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6* -0.6
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4 3.1 2.6	-1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0* 0.7 2.3*	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Cervix Uteri	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3 3.8 3.5	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8 -6.0* -0.4	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS Cervix Uteri	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.0 3.3	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6* -0.6 0.6
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4 3.1 2.6 1.9	2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0* 0.7 2.3* -4.6*	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Cervix Uteri Leukemia	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3 3.8 3.5 3.3	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8 -6.0* -0.4 -3.4	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.0 3.3 2.9	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6* -0.6 0.6 -2.3*
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS <sup>f</sup>	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4 3.1 2.6 1.9 1.6	- 2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0* 0.7 2.3* -4.6* 1.6	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Cervix Uteri Leukemia Corpus and Uterus, NOS	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3 3.8 3.5 3.3 3.2	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8 -6.0* -0.4 -3.4	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS <sup>f</sup>	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.0 3.3 2.9 2.4	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6* -0.6 0.6 -2.3* -0.4
Lung and Bronchus Breast Colon and Rectum Pancreas Liver & IBD <sup>f</sup> Stomach Ovary Non-Hodgkin Lymphoma Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS <sup>f</sup> Myeloma	2006-2010 92.1 18.4 11.5 9.7 7.1 6.0 5.1 4.8 3.4 3.1 2.6 1.9 1.6 1.3	- 2001-2010 -1.0* -0.5 -1.7* -1.6* 0.5 -1.5 -3.7* -0.6 -2.0* 0.7 2.3* -4.6* 1.6 -2.5	All Sites Lung and Bronchus Breast Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Kidney and Renal Pelvis Non-Hodgkin Lymphoma Stomach Cervix Uteri Leukemia Corpus and Uterus, NOS Myeloma	2006-2010 139.0 33.1 15.5 15.4 8.6 7.1 6.1 4.4 4.3 3.8 3.5 3.3 3.2 2.4	2001-2010 -1.1* -0.8 -1.1 0.4 0.5 -2.3 -1.1 -0.7 -3.8 -6.0* -0.4 -3.4 -6.2	All Sites Breast Lung and Bronchus Colon and Rectum Pancreas Ovary Liver & IBD <sup>f</sup> Non-Hodgkin Lymphoma Stomach Leukemia Corpus and Uterus, NOS Cervix Uteri Brain and ONS <sup>f</sup> Myeloma	2006-2010 101.2 14.8 14.1 10.2 7.7 5.8 5.4 4.4 4.0 3.3 2.9 2.4 2.3	2001-2010 -1.2* -1.5* -1.1* -2.1* 0.1 -1.2* 0.9* -1.5* -2.6* -0.6 0.6 -2.3* -0.4 -2.3*

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.
- Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval.
- Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
  The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina.
  The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire,
  North Dakota and South Carolina.
- f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- \* The APC is significantly different from zero (p<.05).
- 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.

## SEER Cancer Incidence and US Death Rates, 2006-2010 By Cancer Site and Race/Ethnicity

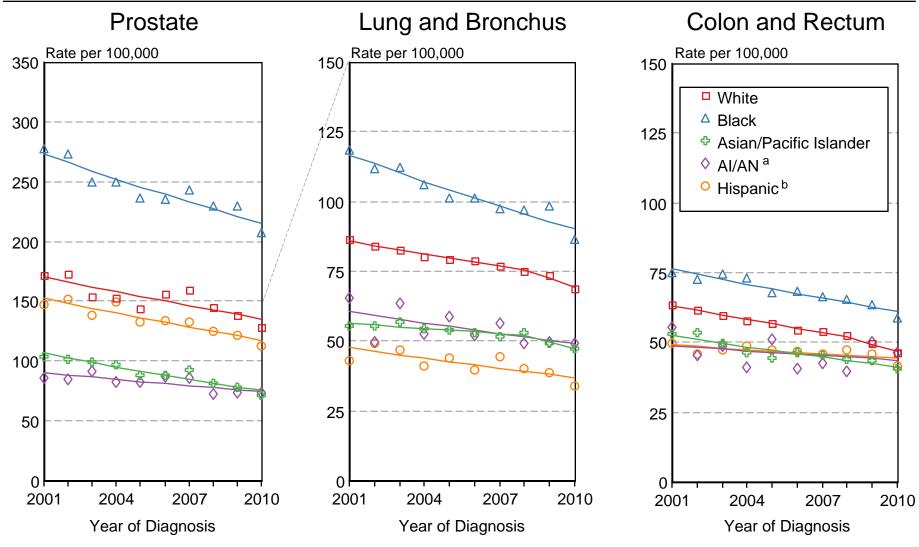


Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG) and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

- a Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- 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 the Alaska Native Registry. Mortality data for Hispanics exclude cases from the District of Columbia, North Dakota and South Carolina.

Figure 1.13

# SEER Incidence 2001-2010 Males by Race/Ethnicity

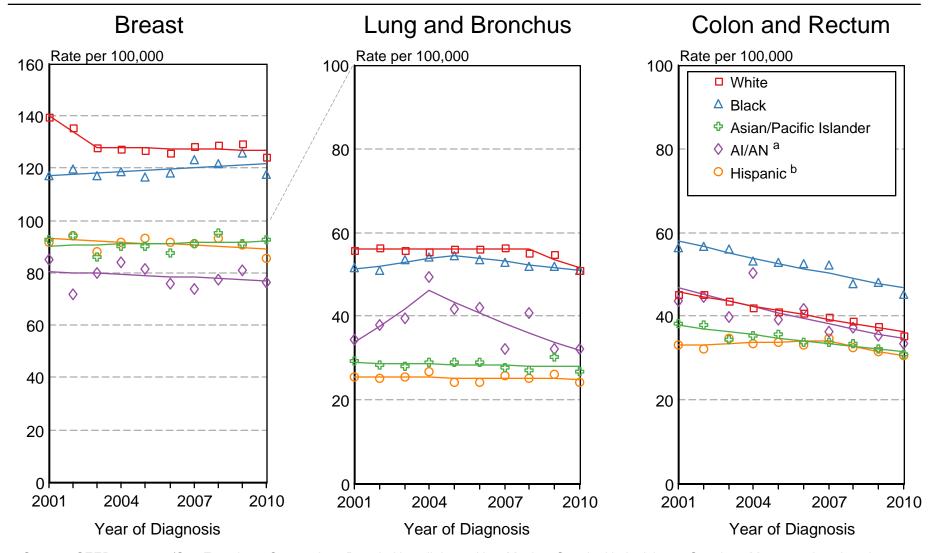


Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

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 the Alaska Native Registry.

# SEER Incidence 2001-2010 Females by Race/Ethnicity

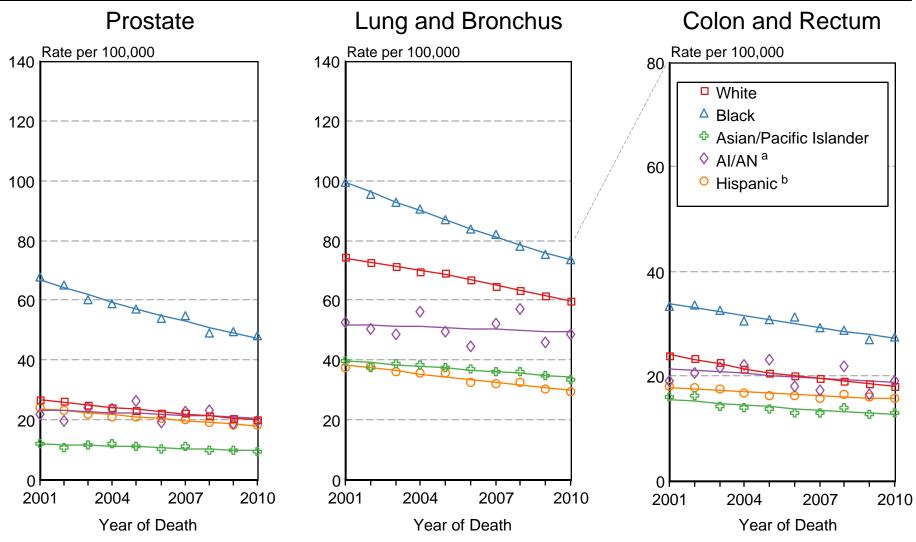


Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

<sup>&</sup>lt;sup>a</sup> Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

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 the Alaska Native Registry.

# US Mortality 2001-2010 Males by Race/Ethnicity



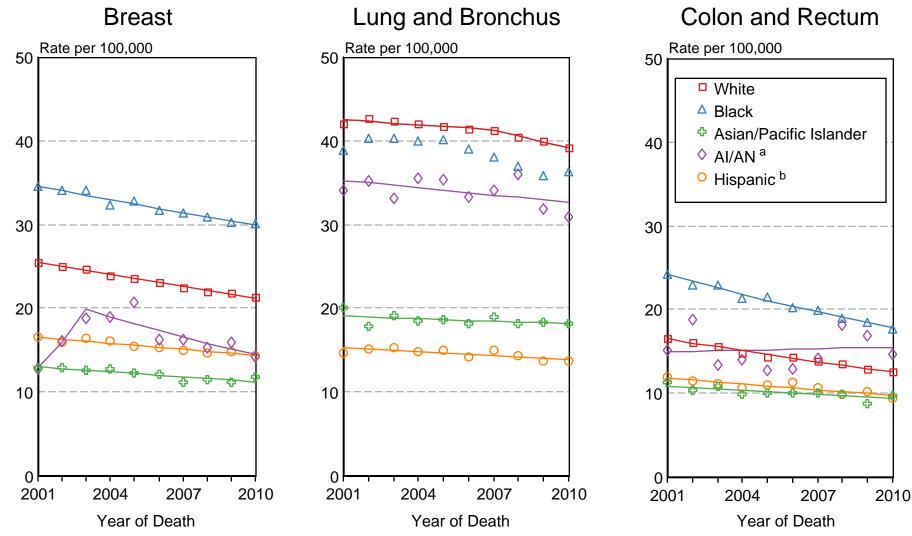
Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

<sup>&</sup>lt;sup>a</sup> Mortality rates for American Indian/Alaska Native (Al/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

Mortality data for Hispanics excludes cases from the District of Columbia, Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

# US Mortality 2001-2010 Females by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

- <sup>a</sup> Mortality rates for American Indian/Alaska Native (Al/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.
- b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

  Mortality data for Hispanics excludes cases from the District of Columbia, Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

### Table 2.15 All Cancer Sites (Invasive)

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are e 2006-2 r 100,00			ER 13 Ar nd 2001- AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	463.0	535.9	411.2	-0.6*	-1.1*	-0.3*	-0.5*	-0.9*	-0.3*
White	471.9	539.1	424.4	-0.5*			-0.5*	-1.1*	-0.3*
White Hispanice	367.1	419.3	334.4	-0.7			_	-	_
White Non-Hispanic <sup>e</sup>	490.3	558.9	441.2	-0.4*	-0.9^	-0.2^	_	-	-
Black	483.6	610.4	397.5	-0.7*	-1.5*	0.0	-1.0*	-1.5*	0.0
Asian/Pacific Islander	307.4	335.0	291.5	-0.5*	-1.7*	0.1	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	323.6	351.3	306.5	0.2	-0.2	0.7*	-	-	-
Hispanic <sup>e</sup>	356.7	409.7	323.2	-0.7	-1.2*	-0.3	-	-	-
U.S. Mortality <sup>g</sup>									
	Rate	2006-2	010	Tren	d 2001-	2010 <sup>h</sup>			
			010 0 persons		nd 2001- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%	)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (% Males	) Females			
	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -1.8*	Females -1.4*			
All Races	Rate per Total 176.4	100,00 Males 215.3	0 persons Females 149.7		Males -1.8* -1.7*	Females -1.4* -1.3*			
All Races White	Total  176.4  175.8	215.3 213.1	0 persons Females 149.7 149.8		Males -1.8* -1.7*	Females -1.4* -1.3* -1.2*			
All Races White White Hispanic <sup>e</sup>	Total  176.4  175.8 127.9	215.3 213.1 159.4	0 persons Females  149.7  149.8 106.4		AAPC (% Males -1.8* -1.7* -1.4* -1.6*	-1.4* -1.3* -1.2* -1.3*			
All Races  White  White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	Total  176.4  175.8  127.9  179.8	215.3 213.1 159.4 217.3	0 persons Females 149.7 149.8 106.4 153.6	Total -1.5* -1.4* -1.3* -1.3*	AAPC (% Males -1.8* -1.7* -1.4* -1.6*	-1.4* -1.3* -1.2* -1.3* -1.7*			
All Races  White White Hispanice White Non-Hispanice Black	Total  176.4  175.8  127.9  179.8  210.3	215.3 213.1 159.4 217.3 276.6	0 persons Females 149.7 149.8 106.4 153.6 171.2	Total -1.5* -1.4* -1.3* -1.3*	AAPC (% Males -1.8* -1.7* -1.4* -1.6* -2.5*	-1.4* -1.3* -1.2* -1.3* -1.7*			
All Races  White   White Hispanice   White Non-Hispanice   Black  Asian/Pacific Islander	Total  176.4  175.8  127.9  179.8  210.3	215.3 213.1 159.4 217.3 276.6	0 persons Females 149.7 149.8 106.4 153.6 171.2	Total -1.5* -1.4* -1.3* -1.3*	AAPC (% Males -1.8* -1.7* -1.4* -1.6* -2.5*	-1.4* -1.3* -1.2* -1.3* -1.7*			
All Races  White White Hispanice White Non-Hispanice  Black Asian/Pacific Islander  Amer Ind/Alaska Nat	Total  176.4  175.8  127.9  179.8  210.3  108.8	215.3 213.1 159.4 217.3 276.6 132.4	0 persons Females  149.7  149.8 106.4 153.6  171.2  92.1  106.0 139.0	Total -1.5* -1.4* -1.3* -1.3* -2.1* -1.4*	AAPC (% Males -1.8* -1.7* -1.4* -1.6* -2.5* -1.6*	-1.4* -1.3* -1.2* -1.3* -1.7* -1.0*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Total  176.4  175.8  127.9  179.8  210.3  108.8	215.3 213.1 159.4 217.3 276.6 132.4	0 persons Females  149.7  149.8 106.4 153.6  171.2 92.1  106.0	Total -1.5* -1.4* -1.3* -1.3* -2.1* -1.4*	AAPC (% Males  -1.8* -1.7* -1.6* -2.5* -1.6*	-1.4* -1.3* -1.2* -1.3* -1.7* -1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,

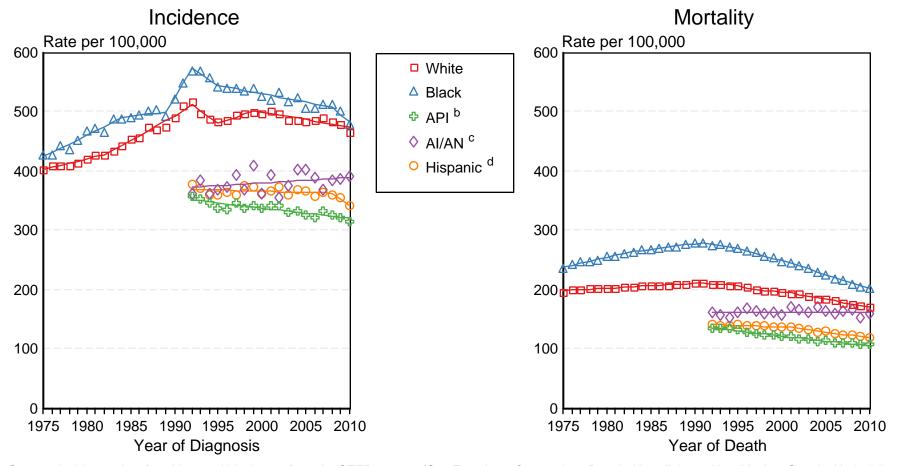
Utah, and Atlanta.
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

### Figure 2.4

## SEER Incidence and US Death Rates<sup>a</sup> All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 3.15 Cancer of the Brain And Other Nervous System (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar d 2001-: AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	6.5	7.7	5.4	-0.2*	-0.3*	-0.1	-0.2*	-0.4*	-0.1
White	7.1	8.4	6.0	-0.1	-0.2	0.0	-0.1	-0.2	0.0
White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	5.5 7.6	6.2 9.0	4.9 6.3	-0.1 0.1	-1.7 -0.1	-0.5 0.3	-	- -	_
white Non-Hispanic	7.0	9.0	0.3	0.1	-0.1	0.3			
Black	4.1	4.7	3.7	0.0	-0.4	0.3	0.2	-0.2	0.7*
Asian/Pacific Islander	3.5	4.2	2.9	-0.3	-0.2	-0.4	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	3.4	3.7	3.0	_	-	-	-	=	-
Hispanic <sup>e</sup>	5.3	5.9	4.7	-1.4	-1.9	-0.5	-	-	-
U.S. Mortality <sup>g</sup>									
o.b. Morearity		2006-2	010 0 persons		d 2001-: AAPC (%)				
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	)			
RACE/ETHNICITY All Races White	Rate per Total 4.3 4.6	100,00 Males 5.2 5.6	0 persons Females 3.5 3.8	Total -0.5*	Males -0.4 -0.3	Females -0.9* -0.8*			
RACE/ETHNICITY  All Races  White  White Hispanice	Total  4.3  4.6 3.0	100,00 Males 5.2 5.6 3.5	0 persons Females 3.5 3.8 2.5	-0.5* -0.7* 0.0	Males -0.4 -0.3 -0.1	Females -0.9* -0.8* 0.0			
RACE/ETHNICITY All Races White	Rate per Total 4.3 4.6	100,00 Males 5.2 5.6	0 persons Females 3.5 3.8	Total -0.5*	Males -0.4 -0.3	Females -0.9* -0.8*			
RACE/ETHNICITY  All Races  White  White Hispanice	Total  4.3  4.6 3.0	100,00 Males 5.2 5.6 3.5	0 persons Females 3.5 3.8 2.5	-0.5* -0.7* 0.0	Males -0.4 -0.3 -0.1	Females -0.9* -0.8* 0.0			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Rate per Total  4.3  4.6 3.0 4.8	100,00 Males 5.2 5.6 3.5 5.8	3.5 3.8 2.5 3.9	Total -0.5* -0.7* 0.0 -0.6*	Males  -0.4  -0.3 -0.1 -0.6*	-0.9* -0.8* 0.0 -0.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total  4.3  4.6 3.0 4.8 2.5	100,00 Males 5.2 5.6 3.5 5.8 3.0	3.5 3.8 2.5 3.9 2.1	Total -0.5* -0.7* 0.0 -0.6* -0.8*	Males -0.4 -0.3 -0.1 -0.6*	-0.9* -0.8* 0.0 -0.7* -0.9*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  4.3  4.6 3.0 4.8 2.5 1.9	100,00 Males 5.2 5.6 3.5 5.8 3.0 2.3	0 persons Females 3.5 3.8 2.5 3.9 2.1 1.6	Total  -0.5*  -0.7* 0.0 -0.6*  -0.8*  0.1	-0.4 -0.3 -0.6* -0.8* -0.4	-0.9* -0.8* 0.0 -0.7* -0.9*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total  4.3  4.6 3.0 4.8  2.5  1.9	100,00 Males 5.2 5.6 3.5 5.8 3.0 2.3	3.5 3.8 2.5 3.9 2.1 1.6	Total  -0.5*  -0.7* 0.0 -0.6*  -0.8*  0.1  1.6	-0.4 -0.3 -0.6* -0.8*	-0.9* -0.8* 0.0 -0.7* -0.9*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  4.3  4.6 3.0 4.8 2.5 1.9	100,00 Males 5.2 5.6 3.5 5.8 3.0 2.3	0 persons Females 3.5 3.8 2.5 3.9 2.1 1.6	Total  -0.5*  -0.7* 0.0 -0.6*  -0.8*  0.1	-0.4 -0.3 -0.6* -0.8* -0.4	-0.9* -0.8* 0.0 -0.7* -0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

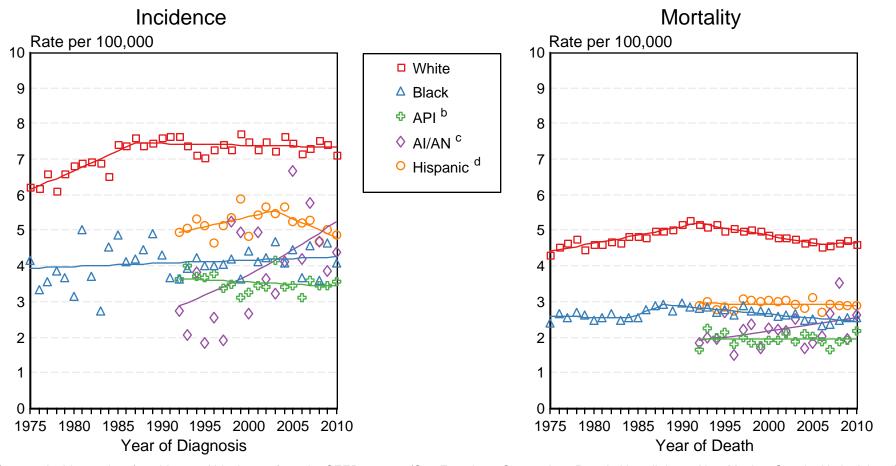
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York,
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

# SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 4.19 Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	123.8	-0.7	-0.7
White	127.4	-0.8*	-0.8*
White Hispanic <sup>e</sup>	94.2	0.0	=
White Non-Hispanic <sup>e</sup>	133.4	-0.7	-
Black	121.4	0.1	0.1
Asian/Pacific Islander	91.8	0.0	-
Amer Ind/Alaska Nat <sup>f</sup>	77.1	-0.3	-
Hispanic <sup>e</sup>	90.8	-0.6*	-
U.S. Mortality <sup>g</sup>	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	22.6	-1.9*	
White	22.1	-1.9*	
White Hispanic <sup>e</sup>	15.6	-1.6*	
White Non-Hispanic <sup>e</sup>	22.7	-1.8*	
Black	30.8	-1.6*	
Asian/Pacific Islander	11.5	-1.0*	
Amer Ind/Alaska Nat			
Total U.S.	12.5	-1.2*	
CHSDA Counties	15.5	-0.4	
Non-CHSDA Counties	8.9	-2.6*	
Hispanic <sup>e</sup>	14.8	-1.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,

Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina, and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001–2010 <sup>d</sup> AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	31.4	0.6	0.9*
White	31.9	0.4	0.7*
White Hispanic <sup>e</sup>	21.1	1.7*	-
White Non-Hispanic <sup>e</sup>	34.1	0.6	-
Black	29.5	1.8*	1.8*
Asian/Pacific Islander	29.1	0.9	-
Amer Ind/Alaska Nat <sup>f</sup>	13.7	0.8	=
Hispanic <sup>e</sup>	20.6	1.6*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

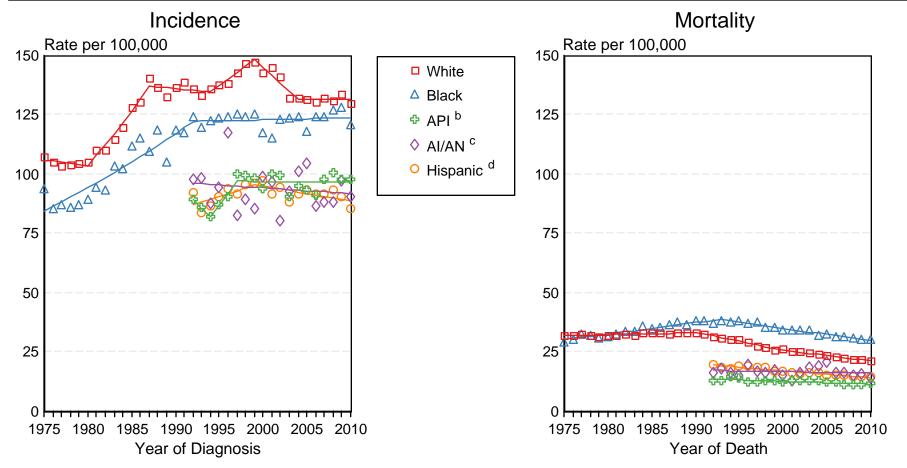
Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Figure 4.4

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Female Breast

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 5.11 Cancer of the Cervix Uteri (Invasive)

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	7.9	-2.5*	-2.5*
White	7.9	-2.1*	-2.2*
White Hispanic <sup>e</sup>	11.4	-3.9*	-
White Non-Hispanic <sup>e</sup>	7.2	-2.0*	-
Black	9.6	-3.7*	-3.7*
Asian/Pacific Islander	6.6	-4.4*	-
Amer Ind/Alaska Nat <sup>f</sup>	7.3	-1.3	-
Hispanic <sup>e</sup>	10.9	-3.9*	-
U.S. Mortality <sup>g</sup>			
	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	2.4	-1.9*	
White	2.2	-1.4*	
White Hispanic <sup>e</sup>	3.1	-2.7*	
White Non-Hispanic <sup>e</sup>	2.1	-1.3*	
Black	4.2	-2.7*	
Asian/Pacific Islander	1.9	-4.1*	
Amer Ind/Alaska Nat			
Total U.S.	2.4	-3.0*	
CHSDA Counties	3.5	-2.0*	
Non-CHSDA Counties	1.2	-	
Hispanic <sup>e</sup>	2.9	-2.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

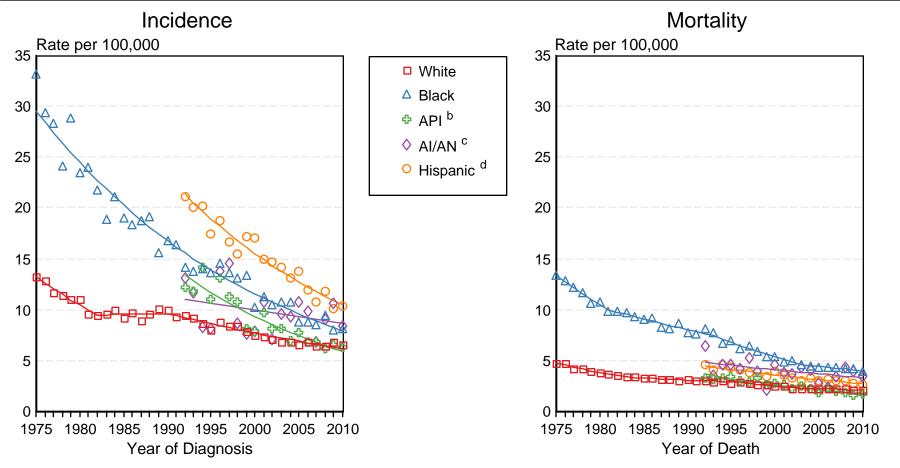
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

### Figure 5.3

### SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Cervix Uteri

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 6.21 Cancer of the Colon and Rectum (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar ad 2001- AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	45.0	52.2	39.3	-2.8*	-3.0*	-2.6*	-2.9*	-3.2*	-2.7*
White	44.2	51.3	38.4	-3.1*			-3.2*	-3.6*	
White Hispanic <sup>e</sup>	38.8	47.1	32.5	-1.3			-	-	-
White Non-Hispanic <sup>e</sup>	45.1	52.1	39.3	-3.2*	-3.4*	-3.0*	-	-	-
Black	55.3	64.3	49.2	-2.2*	-2.4*	-2.1*	-2.5*	-2.8*	-2.5*
Asian/Pacific Islander	37.6	43.8	32.7	-2.3*	-2.7*	-1.0*	-	-	_
Amer Ind/Alaska Nat <sup>f</sup>	39.9	44.1	36.6	-0.4	-0.3	-0.5	-	-	_
Hispanic <sup>e</sup>	37.7	45.5	31.6	-1.3	-1.1*	-1.1*	-	=	_
U.S. Mortality <sup>g</sup>									
o.s. Morearity		2006-2			nd 2001-				
o.s. Mortality	Rate per	100,00	0 persons		AAPC (%	)			
RACE/ETHNICITY		100,00			AAPC (%				
	Rate per	100,00	0 persons		AAPC (%)	Females			
RACE/ETHNICITY All Races	Rate per Total	100,00 Males 19.6	0 persons Females 13.9		Males -2.9*	Females -3.0*			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	Males -2.9* -3.0*	-3.0*			
RACE/ETHNICITY All Races White	Rate per	100,00 Males 19.6 19.1	0 persons Females 13.9 13.4	Total -2.9* -2.9*	Males -2.9* -3.0*	-3.0* -3.0* -1.9*			
RACE/ETHNICITY  All Races  White  White Hispanice	Total  16.4  15.9  13.4	100,00 Males 19.6 19.1 16.9	0 persons Females 13.9 13.4 10.7	Total -2.9* -2.9* -1.4*	AAPC (%) Males -2.9* -3.0* -1.1*	-3.0* -3.0* -1.9*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Total  16.4  15.9  13.4  16.1	100,00 Males 19.6 19.1 16.9 19.2	0 persons Females  13.9  13.4 10.7 13.6	Total -2.9* -2.9* -1.4* -2.8*	AAPC (%) Males -2.9* -3.0* -1.1* -3.0*	-3.0* -3.0* -1.9* -2.8*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Total  16.4  15.9  13.4  16.1  22.8	100,00 Males 19.6 19.1 16.9 19.2 28.7	0 persons Females 13.9 13.4 10.7 13.6 19.0	Total -2.9* -2.9* -1.4* -2.8* -2.9*	-2.9* -3.0* -1.1* -3.0* -2.4*	-3.0* -3.0* -1.9* -2.8* -3.3*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander	Total  16.4  15.9  13.4  16.1  22.8	100,00 Males 19.6 19.1 16.9 19.2 28.7	0 persons Females  13.9  13.4 10.7 13.6 19.0	Total -2.9* -2.9* -1.4* -2.8* -2.9*	-2.9* -3.0* -1.1* -3.0* -2.4* -1.9*	-3.0* -3.0* -1.9* -2.8* -3.3* -1.6*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	Rate per Total  16.4  15.9 13.4 16.1 22.8 11.2	100,00 Males 19.6 19.1 16.9 19.2 28.7 13.1	0 persons Females  13.9  13.4 10.7 13.6 19.0 9.7	Total -2.9* -2.9* -1.4* -2.8* -2.9* -1.8*	-2.9* -3.0* -1.1* -3.0* -2.4* -1.9*	-3.0* -3.0* -1.9* -2.8* -3.3* -1.6*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  16.4  15.9 13.4 16.1 22.8 11.2	100,00 Males  19.6  19.1 16.9 19.2 28.7 13.1	0 persons Females  13.9  13.4 10.7 13.6 19.0 9.7	Total  -2.9* -2.9* -1.4* -2.8* -2.9* -1.8*	-2.9* -3.0* -1.1* -3.0* -2.4* -1.9*	-3.0* -3.0* -1.9* -2.8* -3.3* -1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

### Table 6.22 Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

#### SEER Incidence Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

Cancer of the Colon SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar d 2001-2 AAPC (%	2010°	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)			
	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	32.2	36.1	29.1	-3.0*	-3.3*	-2.9*	-3.3*	-3.4*	-2.9*	
White	31.7	35.6	28.5	-3.3*	-3.5*	-3.1*	-3.4*	-3.7*	-3.2*	
White Hispanic <sup>e</sup>	27.0	31.5	23.7	-1.5*		-1.4*	-	-	_	
White Non-Hispanic <sup>e</sup>	32.3	36.2	29.2	-3.3*	-3.6*	-3.2*	_	-	-	
Black	41.6	47.2	37.8	-2.6*	-2.9*	-2.7*	-3.1*	-3.4*	-3.1*	
Asian/Pacific Islander	25.1	27.7	23.0	-2.5*	-3.0*	-1.2*	-	-	-	
Amer Ind/Alaska Nat <sup>f</sup>	28.3	29.6	27.6	-0.7	-1.1	-0.3	-	-	-	
Hispanic <sup>e</sup>	26.2	30.4	23.1	-1.7*	-1.9	-1.4*	-	-	-	
Cancer of the Rectum										
SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar d 2001-2 AAPC (%	2010°	Trend	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>	
SEER Incidence	Rate	2006-2 100,00	2010	Tren	d 2001-2 AAPC (%	2010°	Trend	d 2001-2 AAPC (%	2010 <sup>d</sup>	
	Rate Rate per	2006-2 100,00	010 0 persons	Tren	d 2001-2 AAPC (%	2010° )	Trend	d 2001-2 AAPC (%	2010 <sup>d</sup> )	
SEER Incidence	Rate Rate per	2006-2 100,00	010 0 persons	Tren	d 2001-2 AAPC (%	2010° )	Trend	d 2001-2 AAPC (%	2010 <sup>d</sup> )	
SEER Incidence RACE/ETHNICITY	Rate Rate per <u>Total</u>	2006-2 100,00 Males	2010 0 persons Females	Tren	d 2001-2 AAPC (% <u>Males</u>	2010 <sup>c</sup> ) <u>Females</u>	Trend Total	d 2001-2 AAPC (% <u>Males</u>	2010 <sup>d</sup> ) Females	
SEER Incidence  RACE/ETHNICITY  All Races	Rate per Total	2006-2 100,00 Males 16.1	2010 0 persons Females	Tren	dd 2001-2 AAPC (% Males -2.4*	Poloc Females	Total -2.3*	d 2001-2 AAPC (% <u>Males</u> -2.6*	2010 <sup>d</sup> ) Females -2.0*	
SEER Incidence  RACE/ETHNICITY  All Races  White	Rate per Total  12.8 12.6	2006-2 100,00 Males 16.1 15.7	2010 0 persons Females 10.1 9.9	Tren	dd 2001-2 AAPC (% Males -2.4* -2.8*	2010° ) Females -1.5* -1.8*	Total -2.3*	d 2001-2 AAPC (% Males -2.6*	2010 <sup>d</sup> ) Females -2.0*	
SEER Incidence  RACE/ETHNICITY  All Races  White  White Hispanice	Rate per Total  12.8  12.6 11.8	2006-2 100,00 Males 16.1 15.7 15.6	0010 0 persons Females 10.1 9.9 8.8	Tren  Total  -2.1*  -2.5* -0.6*	AAPC (% Males  -2.4* -2.8* -0.8*	2010° ) Females -1.5* -1.8* -0.5	Total -2.3*	d 2001-2 AAPC (% Males -2.6*	2010 <sup>d</sup> ) Females -2.0*	
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total  12.8  12.6 11.8 12.8	2006-2 100,00 Males 16.1 15.7 15.6 15.9	0010 0 persons Females 10.1 9.9 8.8 10.1	Tren  Total  -2.1*  -2.5* -0.6* -2.6*	AAPC (* Males -2.4* -2.8* -3.0*	0010° ) Females -1.5* -1.8* -0.5 -1.9*	Trend	d 2001-2 AAPC (% Males -2.6* -3.2*	2010 <sup>d</sup> ) Females -2.0* -2.5* -	
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total  12.8  12.6 11.8 12.8 13.7	2006-2 100,00 Males 16.1 15.7 15.6 15.9	0010 0 persons Females 10.1 9.9 8.8 10.1 11.4	Tren  Total  -2.1*  -2.5* -0.6* -2.6* -0.4	AAPC (* Males -2.4* -2.8* -0.8* -3.0*	0010° ) Females -1.5* -1.8* -0.5 -1.9* -0.1	Trend	d 2001-2 AAPC (* Males -2.6* -3.2* -	2010 <sup>d</sup> ) Females -2.0* -2.5*0.2	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry

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

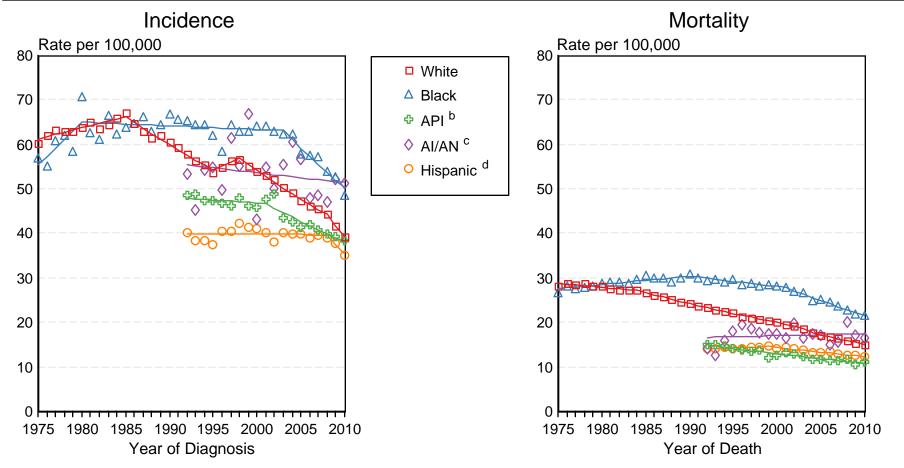
The APC is significantly different from zero (p<.05).

### Figure 6.2

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Colon and Rectum, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 7.11 Cancer of the Corpus And Uterus, NOS (Invasive)

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)
D 2 GD / DDVD-7 G 7 DV	Females	Females	Females
RACE/ETHNICITY			
All Races	24.3	1.1*	1.1*
White	25.1	0.7*	0.7*
White Hispanic <sup>e</sup>	20.0	1.4*	<del>-</del>
White Non-Hispanic <sup>e</sup>	25.9	0.7*	-
Black	22.2	2.2*	2.2*
Asian/Pacific Islander	18.6	2.6*	-
Amer Ind/Alaska Nat <sup>f</sup>	20.3	-	-
Hispanic <sup>e</sup>	19.4	1.3*	-
U.S. Mortality <sup>g</sup>			
	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	4.3	0.7	
White	4.0	0.1	
White Hispanic <sup>e</sup>	3.5	0.4	
White Non-Hispanic <sup>e</sup>	4.0	0.1	
Black	7.4	0.4*	
Asian/Pacific Islander	2.6	1.7*	
Amer Ind/Alaska Nat			
Total U.S.	2.5	-0.5	
CHSDA Counties	3.2	-	
Non-CHSDA Counties	1.7	-	
Hispanic <sup>e</sup>	3.3	0.3	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

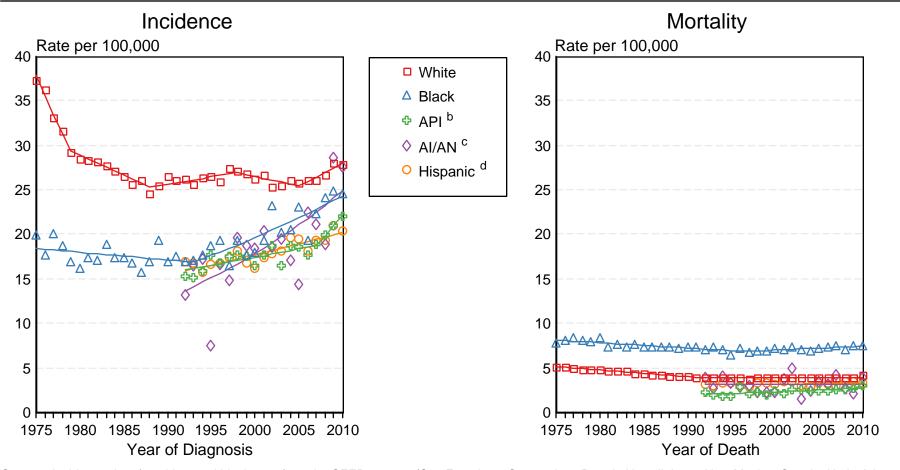
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010. The APC is significantly different from zero (p<.05).

### Figure 7.3

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Corpus and Uterus, NOS

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.
 API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 8.15 Cancer of the Esophagus (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 And 2001- AAPC (9	2010°	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	4.4	7.7	1.8	-0.2	-0.1	-1.1*	-0.9*	-0.8	-0.4*
White	4.6	8.0	1.8		0.8*		-0.1	-0.1	0.0
White Hispanic <sup>e</sup>	2.9	5.4	1.0		-1.2*		_	-	_
White Non-Hispanic <sup>e</sup>	4.8	8.4	1.9	-0.1	0.0	-0.3	_	_	-
Black	5.1	8.4	2.7	-4.5*	-4.8*	-3.9*	-4.4*	-4.8*	-2.8*
Asian/Pacific Islander	2.3	3.9	1.1	-1.4*	-1.8*	-	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	4.1	6.1	2.4	-	-	-	-	-	-
Hispanic <sup>e</sup>	2.8	5.2	1.0	-1.2*	-1.2*	-1.9	-	-	-
U.S. Mortality <sup>g</sup>		2006-2 100,00	010 0 persons		nd 2001- AAPC (%				
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	4.3	7.6	1.6	-0.5*	-0.4*	-1.5*			
White	4.4	7.8	1.6	0.1	0.2	-0.8*			
White Hispanic <sup>e</sup>	2.4	4.5	0.8	-0.6*					
White Non-Hispanic <sup>e</sup>	4.6	8.1	1.6	0.2	0.3	-0.7*			
Black	4.4	7.7	2.1	-4.4*	-4.5*	-4.1*			
Asian/Pacific Islander									
	1.8	3.1	0.8	-1.9*	-2.0*	-1.0			
Amer Ind/Alaska Nat	1.8	3.1	0.8	-1.9*	-2.0*	-1.0			
Amer Ind/Alaska Nat Total U.S.	1.8	3.1 4.6	0.8	-1.9* -2.0	-2.0* 0.1	-1.0			
						-1.0 - -			
Total U.S.	2.7	4.6	1.2	-2.0	0.1	-1.0 - - -			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

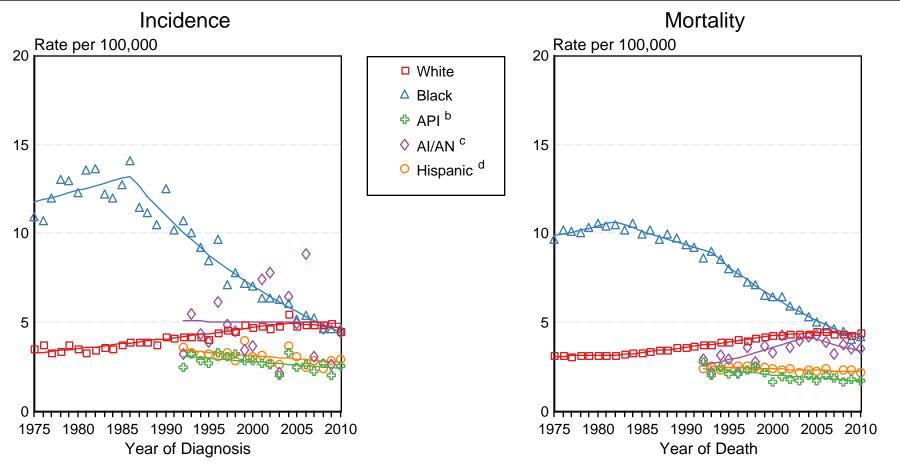
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010. The APC is significantly different from zero (p<.05).

### Figure 8.2

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Esophagus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 9.15 Hodgkin Lymphoma

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar nd 2001- AAPC (%	2010°	Tren	R 9 Are d 2001-: AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	2.8	3.2	2.4	0.0	0.3	0.1	0.2	1.0	0.3*
White	3.0	3.4	2.6	-0.1	0.3	0.1	0.0	-0.4*	0.3*
White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	2.5 3.2	2.9 3.6	2.2	0.4 -0.5	0.0 0.5	0.8 0.2	_	_	_
wiffle Noil-Hispanic	3.2	3.0	2.5	-0.5	0.5	0.2			
Black	2.7	3.2	2.3	1.0*	1.2*	0.7	1.1*	0.5	2.0*
Asian/Pacific Islander	1.3	1.5	1.1	2.2*	1.6	3.1*	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	0.9	-	1.1	-	-	-	-	-	_
Hispanic <sup>e</sup>	2.4	2.8	2.1	0.4	0.1	0.7	-	-	_
U.S. Mortality <sup>g</sup>		e 2006-2	010 0 persons		nd 2001- AAPC (%				
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	0.4	0.5	0.3	-2.4*	-2.2*	-2.6*			
White	0.4	0.5	0.3		-2.0*				
White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	0.4 0.4	0.6 0.5	0.3	-2.7* -2.4*	-2.8* -2.4*				
WHITE NOH-HISPAHIC	0.4	0.5	0.3	-2.4"	-2.4"	-2.4"			
Black	0.4	0.4	0.3	-3.0*	-3.6*	-2.4*			
Asian/Pacific Islander	0.2	0.2	0.1	-	=	-			
Amer Ind/Alaska Nat Total U.S. CHSDA Counties Non-CHSDA Counties	0.1	0.3	- - -	- - -	- - -	- - -			
Hispanic <sup>e</sup>	0.4	0.5	0.3	-2.8*	-2.9*	-2.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

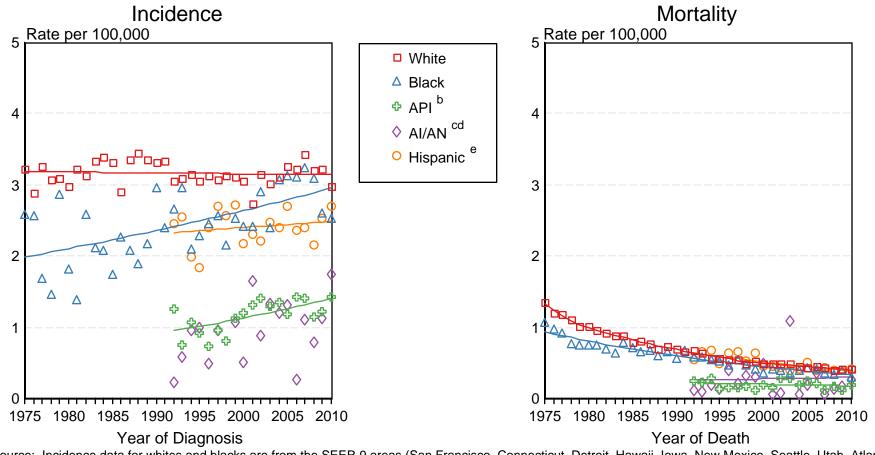
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina, and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  - The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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

<sup>a</sup> Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

- c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- <sup>d</sup> Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

### Table 10.13 Kaposi Sarcoma

#### SEER Incidence Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00		~ _	ER 13 Ar nd 2001- AAPC (%	2010°	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>	
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females	
All Races	0.6	1.0	0.1	-2.5*	-2.4*	-5.3*	-1.8*	-1.8*	-4.9*	
White White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	0.5 0.8 0.4	0.9 1.4 0.8	0.1 0.2 0.1	-2.5* -2.3 -2.6*	-2.6* -2.7 -2.7*	- - -	-2.1* - -	-2.1* - -	-4.9* - -	
Black	1.0	2.0	0.2	-2.7*	-2.5*	-	-2.1	-2.0	-	
Asian/Pacific Islander	0.2	0.4	-		-	-		-	-	
Amer Ind/Alaska Nat <sup>f</sup>	-	-	-	-	-	-	-	-	-	
Hispanic <sup>e</sup>	0.8	1.4	0.2	-2.5	-3.0	_	_	_	_	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

Trend based on less than 10 cases for at least one year within the time interval.

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 The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,

Utah, and Atlanta. The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service

### Table 11.15 Cancer of the Kidney and Renal Pelvis (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar nd 2001-: AAPC (%	2010°	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)			
	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	15.3	21.0	10.6	1.9*	1.9*	1.5*	1.7*	1.8	1.2	
White	15.8	21.5	10.9	1.7*	1.7*	1.5	1.5*	1.6*	1.4	
White Hispanic <sup>e</sup>	15.8	21.0	11.5	1.4	2.6*	2.8*	-	_	-	
White Non-Hispanic <sup>e</sup>	15.9	21.7	10.9	1.8*	2.2*	1.3	-	-		
Black	17.4	24.1	12.3	2.8*	2.9*	2.5*	2.9*	3.0*	2.8*	
Asian/Pacific Islander	7.9	11.0	5.5	2.7*	2.5*	3.1*	_	-	_	
Amer Ind/Alaska Nat <sup>f</sup>	19.7	24.8	15.6	1.7*	1.5	-	-	-	-	
Hispanic <sup>e</sup>	15.1	20.1	11.1	1.3	2.6*	2.7*	_	-	-	
U.S. Mortality <sup>g</sup>										
o.b. Morearity		2006-2	010 0 persons		nd 2001-: AAPC (%)					
o.b. Morearity		100,00			AAPC (%)					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)				
	Rate per	100,00	0 persons		AAPC (%)	Females				
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (%) Males -0.5*	Females -0.7*				
RACE/ETHNICITY All Races	Rate per Total 4.0	100,00 Males 5.8	0 persons Females 2.6		AAPC (%) Males -0.5*	Females -0.7* -0.7*				
RACE/ETHNICITY All Races White	Rate per Total 4.0 4.1	100,00 Males 5.8 5.9	0 persons Females 2.6 2.6	Total -0.9* -0.4*	AAPC (%) Males -0.5* -0.8*	-0.7* -0.7* 0.1				
RACE/ETHNICITY  All Races  White  White Hispanice	### Rate per Total 4.0 4.1 3.7	100,00 Males 5.8 5.9 5.4	0 persons Females 2.6 2.6 2.4	Total -0.9* -0.4* 0.1	AAPC (%) Males -0.5* -0.8* 0.0	-0.7* -0.7* 0.1				
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Rate per Total 4.0 4.1 3.7 4.1	100,00 Males 5.8 5.9 5.4 5.9	0 persons Females 2.6 2.6 2.4 2.6	Total -0.9* -0.4* 0.1 -0.8*	Males -0.5* -0.8* 0.0 -0.9*	-0.7* -0.7* 0.1 -0.6*				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	A.0 4.0 4.1 3.7 4.1 3.9	100,00 Males 5.8 5.9 5.4 5.9 5.7	2.6 2.6 2.4 2.6 2.6	Total -0.9* -0.4* 0.1 -0.8* -0.5*	Males -0.5* -0.8* 0.0 -0.9*	-0.7* -0.7* 0.1 -0.6* -0.5*				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander	A.0 4.0 4.1 3.7 4.1 3.9	100,00 Males 5.8 5.9 5.4 5.9 5.7	2.6 2.6 2.4 2.6 2.6	Total -0.9* -0.4* 0.1 -0.8* -0.5*	Males -0.5* -0.8* 0.0 -0.9*	-0.7* -0.7* 0.1 -0.6* -0.5*				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	A.0 4.1 3.7 4.1 3.9 2.0	100,00 Males  5.8  5.9  5.4  5.9  5.7  3.0	0 persons Females  2.6  2.6 2.4 2.6 2.6 1.2	Total  -0.9*  -0.4* 0.1 -0.8* -0.5*	-0.5* -0.8* -0.9* -0.6*	-0.7* -0.7* -0.6* -0.5*				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  4.0  4.1  3.7  4.1  3.9  2.0	100,00 Males 5.8 5.9 5.4 5.9 5.7 3.0	0 persons Females  2.6 2.6 2.4 2.6 2.6 1.2	Total  -0.9*  -0.4* 0.1 -0.8* -0.5* 0.4	-0.5* -0.8* -0.9* -0.6* 0.0	Females -0.7* -0.7* 0.1 -0.6* -0.5* -0.1				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

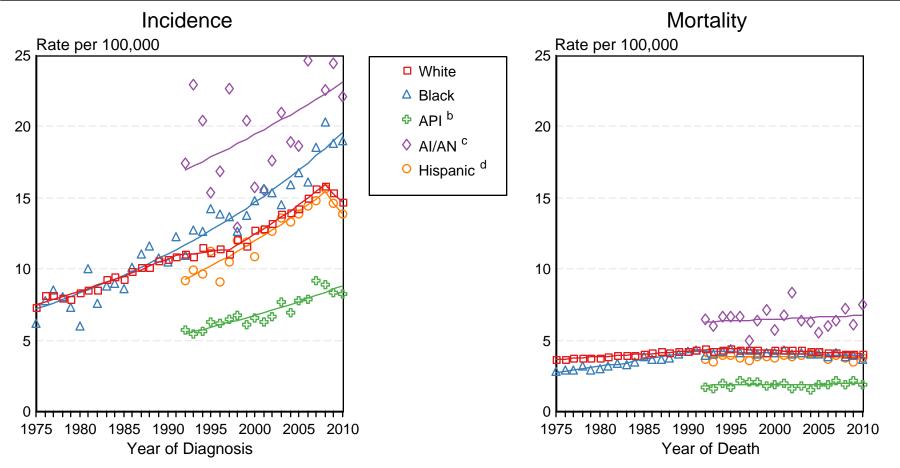
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Kidney and Renal Pelvis, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 12.15 Cancer of the Larynx (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons				ER 13 And 2001- AAPC (9	2010°	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.4	6.0	1.3	-2.7*	-1.9*	-3.1*	-2.5*	-2.5*	-2.6*
White	3.4	6.0	1.3	-2.4*			-2.3*	-2.5*	-2.4*
White Hispanic <sup>e</sup>	2.5	4.9	0.6	-1.6*			-	-	-
White Non-Hispanic <sup>e</sup>	3.6	6.2	1.4	-2.4*	-2.5*	-2.6*	-	-	-
Black	5.0	9.6	1.8	-3.3*	-3.2*	-3.3*	-2.9*	-2.8*	-3.1*
Asian/Pacific Islander	1.2	2.4	0.3	-3.1*	-2.7*	-	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	2.5	4.6	-	-	-	-	-	-	-
Hispanic <sup>e</sup>	2.4	4.7	0.5	-1.5*	-1.4*	-	-	-	-
U.S. Mortality <sup>g</sup>	Rate	e 2006-2	010	Tren	nd 2001-				
	Rate per	100,00	0 persons		AAPC (%	)			
	Rate per <u>Total</u>		0 persons Females		,	) <u>Females</u>			
RACE/ETHNICITY	_		-		,	,			
RACE/ETHNICITY All Races	_		-		Males	Females			
	Total	Males	Females	Total	Males -2.5*	Females -2.0*			
All Races	Total	Males 2.0	Females 0.4		Males -2.5*	Females -2.0* -1.7*			
All Races White		2.0 1.9	Females 0.4 0.4		Males -2.5* -2.2*	-2.0* -1.7*			
All Races White White Hispanic <sup>e</sup>	1.1 1.1 0.8	2.0 1.9 1.8	0.4 0.4 0.2	-2.2* -1.9* -2.8*	-2.5* -2.2* -2.9* -2.1*	-2.0* -1.7* -1.3*			
All Races  White  White Hispanice  White Non-Hispanice	Total  1.1  1.1  0.8  1.1	2.0 1.9 1.8 1.9	0.4 0.4 0.2 0.4	-2.2* -1.9* -2.8* -1.7*	-2.5* -2.2* -2.9* -2.1* -3.3*	-2.0* -1.7* -1.3*			
All Races  White White Hispanice White Non-Hispanice	Total  1.1  1.1  0.8  1.1  2.0	2.0 1.9 1.8 1.9	0.4 0.4 0.2 0.4	Total -2.2* -1.9* -2.8* -1.7* -3.3*	-2.5* -2.2* -2.9* -2.1* -3.3*	-2.0* -1.7* -1.3* -3.0*			
All Races  White   White Hispanice   White Non-Hispanice   Black  Asian/Pacific Islander	Total  1.1  1.1  0.8  1.1  2.0	2.0 1.9 1.8 1.9	0.4 0.4 0.2 0.4	Total -2.2* -1.9* -2.8* -1.7* -3.3*	-2.5* -2.2* -2.9* -2.1* -3.3*	-2.0* -1.7* -1.3* -3.0*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Total  1.1  1.1  0.8  1.1  2.0  0.4	2.0 1.9 1.8 1.9 3.9 0.8	0.4 0.4 0.2 0.4 0.7	Total -2.2* -1.9* -2.8* -1.7* -3.3*	-2.5* -2.2* -2.9* -2.1* -3.3*	-2.0* -1.7* -1.3* -3.0*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Total  1.1  1.1  0.8  1.1  2.0  0.4	1.9 1.8 1.9 3.9 0.8	0.4 0.4 0.2 0.4 0.7 0.1	Total -2.2* -1.9* -2.8* -1.7* -3.3*	-2.5* -2.2* -2.9* -2.1* -3.3*	-2.0* -1.7* -1.3* -3.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

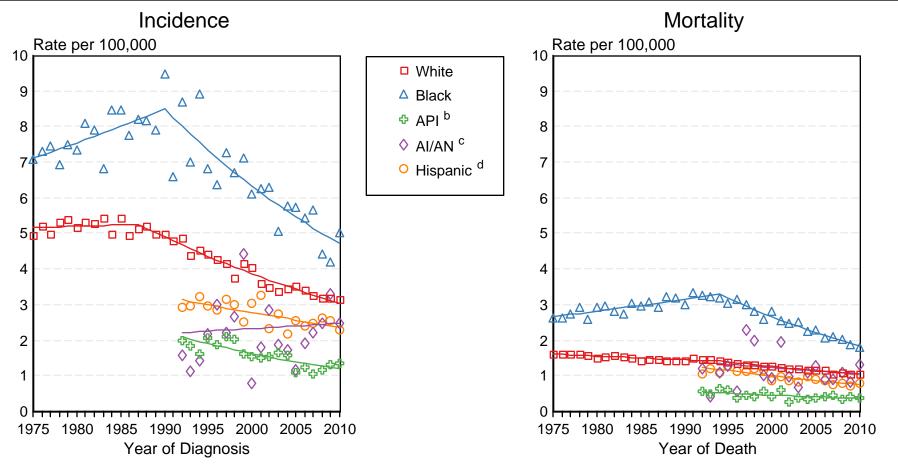
The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 13.23 Leukemia

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

<u>SEER Incidence</u>	Rate	R 18 Are 2006-2 100,00			ER 13 And 2001- AAPC (	2010°	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.8	16.3	10.0	0.1	-0.1	0.1	0.1*	0.0	0.2*
White	13.5	17.2	10.5	0.2	0.0	0.2	0.2*	0.1	0.3*
White Hispanic <sup>e</sup>	10.6	12.7	8.9	0.3	0.2	0.4	_	-	_
White Non-Hispanic <sup>e</sup>	13.6	17.5	10.5	0.2	0.0	0.3	-	-	-
Black	9.8	12.6	7.8	-0.2	0.0	-0.2	-0.2	-0.1	-0.2
Asian/Pacific Islander	7.4	9.0	6.1	-0.5*	-0.4	-0.4	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	7.3	8.8	6.2	1.5	-	-	-	-	-
Hispanic <sup>e</sup>	10.2	12.2	8.7	0.3	0.2	0.5	-	-	-
U.S. Mortality <sup>g</sup>		2006-2 100,00	010 0 persons		nd 2001- AAPC (%				
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	7.1	9.5	5.3	-1.0*	-0.8*	-1.3*			
White	7.3	9.8	5.5	-0.9*	-0.7*	-1.1*			
White Hispanic <sup>e</sup>	5.1	6.4	4.2	-0.6*	-0.5	-0.7*			
White Non-Hispanic <sup>e</sup>	7.4	10.0	5.5	-0.8*	-0.7*	-1.2*			
Black	6.1	8.2	4.8	-1.2*	-1.2*	-1.2*			
Asian/Pacific Islander	3.9	5.0	3.1	-0.9*	-0.8*	-0.9			
Amer Ind/Alaska Nat									
Total U.S.	3.7	4.9	2.8	-0.9	-0.9	-1.3			
CHSDA Counties	4.8	7.0	3.3	0.2	0.9	-			
Non-CHSDA Counties	2.4	2.5	2.3	-2.4	-	_			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

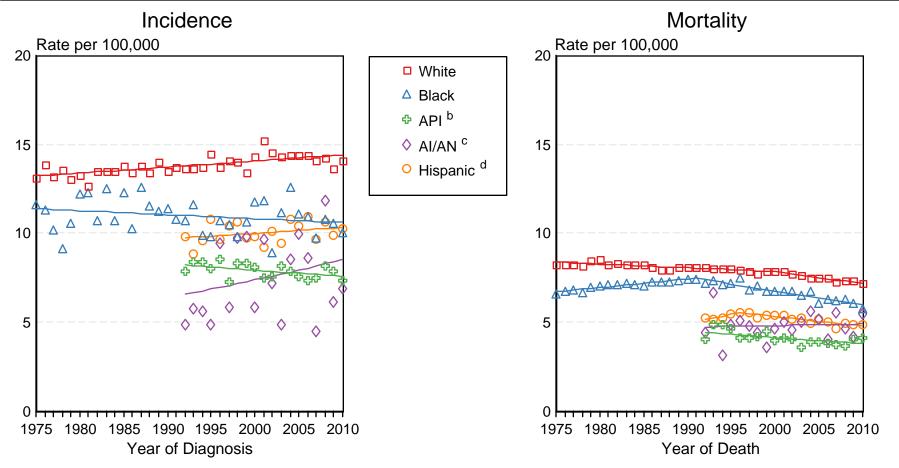
The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  - The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

#### Table 14.15 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar ad 2001- AAPC (%	2010°	Tren	ER 9 Are d 2001-1 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	<u>Total</u>	Males	Females
RACE/ETHNICITY									
All Races	7.7	11.9	4.0	3.5*	3.5*	2.8*	4.1*	3.7*	2.5*
White	6.7	10.4	3.5	4.1*	3.9*	2.9*	4.5*	4.0*	3.2*
White Hispanic <sup>e</sup>	12.6	19.1	7.1	3.3*	3.3*		_	-	-
White Non-Hispanic <sup>e</sup>	5.8	9.1	3.0	3.6*	3.5*	2.7*	-	-	-
Black	9.1	15.1	4.5	4.0*	4.4*	2.7*	3.9*	3.8*	2.8*
Asian/Pacific Islander	14.1	21.4	8.2	0.6*	0.7*	0.5	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	13.5	20.6	7.7	3.3*	-	-	-	-	-
Hispanic <sup>e</sup>	12.1	18.3	6.9	3.2*	3.3*	2.7*	-	-	-
U.S. Mortality <sup>g</sup>									
U.S. MOITAILTY		2006-2	010 0 persons		nd 2001- AAPC (%)				
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	)			
RACE/ETHNICITY All Races	Rate per Total 5.6	100,00 Males 8.3	0 persons Females 3.4		Males  2.3*	Females 1.4*			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	_ Total	AAPC (%)	1.4* 1.9*			
RACE/ETHNICITY All Races White	Rate per Total 5.6 5.2	100,00 Males 8.3 7.6	0 persons Females 3.4 3.2	Total 2.4* 2.6*	Males 2.3*	1.4* 1.9*			
RACE/ETHNICITY  All Races  White  White Hispanice	Total  5.6  5.2  9.0	100,00 Males 8.3 7.6 13.0	0 persons Females 3.4 3.2 5.7	Total 2.4* 2.6* 1.9*	AAPC (%) Males  2.3*  2.4* 1.9*	1.4* 1.9* 1.6*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Total  5.6  5.2  9.0 4.8	8.3 7.6 13.0 7.1	3.4 3.2 5.7 2.9	Total  2.4*  2.6* 1.9* 2.5*	AAPC (%) Males  2.3* 2.4* 1.9* 2.6*	1.4* 1.9* 1.6* 1.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Total  5.6  5.2  9.0  4.8  7.4	8.3 7.6 13.0 7.1 11.8	3.4 3.2 5.7 2.9 4.1	Total  2.4*  2.6* 1.9* 2.5*	AAPC (% Males 2.3* 2.4* 1.9* 2.6* 2.2*	1.4* 1.9* 1.6* 1.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander	Total  5.6  5.2  9.0  4.8  7.4	8.3 7.6 13.0 7.1 11.8	3.4 3.2 5.7 2.9 4.1	Total  2.4*  2.6* 1.9* 2.5*	AAPC (% Males  2.3*  2.4* 1.9* 2.6* 2.2* -0.8*	1.4* 1.9* 1.6* 1.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	Total  5.6  5.2  9.0  4.8  7.4  9.7	100,00 Males 8.3 7.6 13.0 7.1 11.8 14.4	3.4 3.2 5.7 2.9 4.1 6.0	Total  2.4*  2.6* 1.9* 2.5* 1.9* -0.9*	AAPC (% Males  2.3*  2.4* 1.9* 2.6* 2.2* -0.8*	1.4* 1.9* 1.6* 1.7* 0.8*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Total  5.6  5.2  9.0  4.8  7.4  9.7	100,00 Males 8.3 7.6 13.0 7.1 11.8 14.4	3.4 3.2 5.7 2.9 4.1 6.0	Total  2.4*  2.6* 1.9* 2.5*  1.9*  -0.9*	AAPC (% Males  2.3*  2.4* 1.9* 2.6* 2.2*  -0.8*	1.4* 1.9* 1.6* 1.7* 0.8* -0.8*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

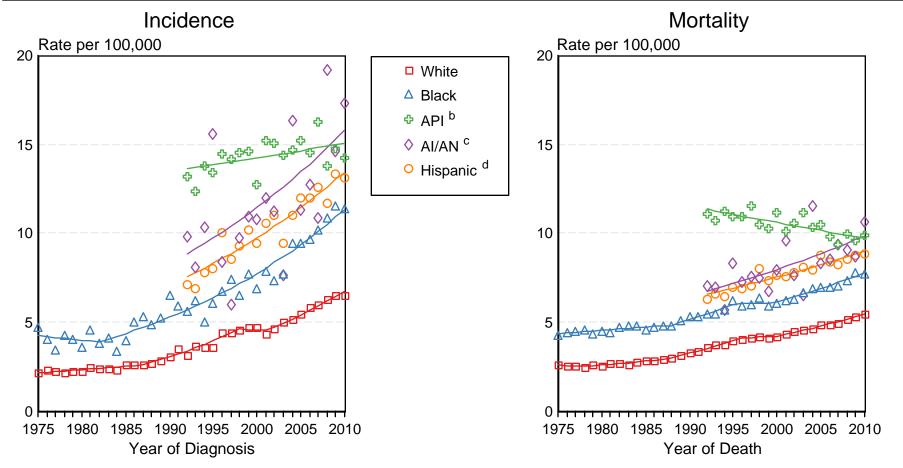
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

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

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

#### Table 15.21 Lung and Bronchus (Invasive)

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar d 2001-: AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	61.4	74.3	51.9	-1.6*	-2.0*	-0.9*	-1.3*	-1.8*	-0.6
White	63.1	74.5	54.6	-1.5*			-1.3*		-0.6
White Hispanic <sup>e</sup>	33.2	41.9	27.0	-1.2*			_	-	-
White Non-Hispanic <sup>e</sup>	67.4	79.1	58.7	-1.3*	-1.8*	-0.9	-	-	-
Black	69.7	95.8	52.2	-1.5*	-2.6*	-0.7	-1.1*	-2.1*	0.2
Asian/Pacific Islander	37.6	50.7	28.1	-1.3*	-2.1*	0.2	-	-	_
Amer Ind/Alaska Nat <sup>f</sup>	42.1	51.2	35.7	-0.4	-1.2	0.9	-	-	_
Hispanic <sup>e</sup>	32.2	40.6	26.3	-1.1*	-1.9*	-0.2	-	-	_
U.S. Mortality <sup>g</sup>									
o.b. Morearity		2006-2	010 0 persons		d 2001-: AAPC (%)				
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	Females_			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females		AAPC (%)	Females -0.8*			
RACE/ETHNICITY All Races	Rate per Total 49.5	100,00 Males 63.5	0 persons Females 39.2		Males -2.5* -2.3*	Females -0.8* -0.7*			
RACE/ETHNICITY All Races White	Rate per	100,00 Males 63.5 63.2	0 persons Females 39.2 40.4		AAPC (%) Males -2.5* -2.3* -2.4*	-0.8* -0.7* -1.2*			
RACE/ETHNICITY  All Races  White  White Hispanice	Rate per Total  49.5  50.2 22.2	100,00 Males 63.5 63.2 32.6	0 persons Females 39.2 40.4 14.8		Males  -2.5*  -2.3*  -2.4*  -2.2*	-0.8* -0.7* -1.2*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Rate per Total 49.5 50.2 22.2 52.6	63.5 63.2 32.6 65.7	0 persons Females 39.2 40.4 14.8 42.7	Total -1.7* -1.5* -2.1* -1.4*	Males  -2.5*  -2.3*  -2.4*  -2.2*	-0.8* -0.7* -1.2* -1.2*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total 49.5 50.2 22.2 52.6 53.5	63.5 63.2 32.6 65.7 78.5	0 persons Females 39.2 40.4 14.8 42.7 37.2	Total -1.7* -1.5* -2.1* -1.4* -2.4*	Males -2.5* -2.3* -2.4* -2.2*	-0.8* -0.7* -1.2* -1.2*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander	Rate per Total 49.5 50.2 22.2 52.6 53.5	63.5 63.2 32.6 65.7 78.5	0 persons Females 39.2 40.4 14.8 42.7 37.2	Total -1.7* -1.5* -2.1* -1.4* -2.4* -1.1*	Males -2.5* -2.3* -2.4* -2.2*	-0.8* -0.7* -1.2* -0.6* -1.2* -0.4*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	Rate per Total 49.5 50.2 22.2 52.6 53.5 25.5	100,00 Males 63.5 63.2 32.6 65.7 78.5 35.5	39.2 40.4 14.8 42.7 37.2 18.4	Total -1.7* -1.5* -2.1* -1.4* -2.4* -1.1*	AAPC (%) Males -2.5* -2.3* -2.4* -2.2* -3.2* -1.5*	-0.8* -0.7* -1.2* -0.6* -1.2* -0.4*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total 49.5 50.2 22.2 52.6 53.5 25.5	100,00 Males 63.5 63.2 32.6 65.7 78.5 35.5	39.2 40.4 14.8 42.7 37.2 18.4	Total -1.7* -1.5* -2.1* -1.4* -2.4* -1.1*	AAPC (%) Males  -2.5* -2.3* -2.4* -2.2* -3.2* -1.5*	-0.8* -0.7* -1.2* -0.6* -1.2* -0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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

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- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina, and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

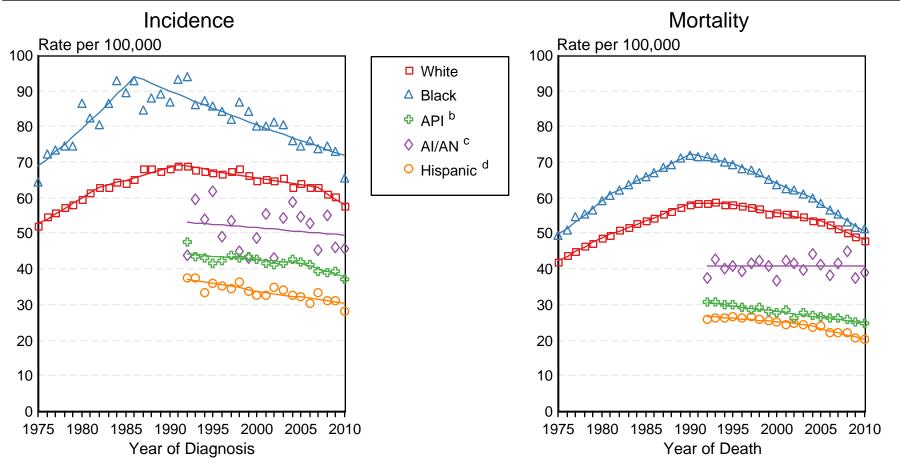
  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Lung and Bronchus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 16.15 Melanoma of the Skin (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar d 2001-: AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
D. CD / DDVD-7 G-77-1	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	21.1	27.4	16.7	1.9*	2.4*	1.6*	2.6*	2.9*	2.3*
White	25.0	31.9	20.0	2.3*	2.8*	2.1*	2.4*	3.1*	2.2*
White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	4.5 29.2	4.8	4.5	-2.1 3.1*	1.5*	0.1 2.4*	_	- -	_
white Non-Hispanic	29.2	36.7	23.8	3.1"	3.1*	2.4^	_	_	_
Black	1.0	1.1	1.0	2.2	_	=	0.0	0.1	-0.3
Asian/Pacific Islander	1.3	1.6	1.1	0.6	1.1	0.2	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	3.7	4.1	3.5	_	-	_	_	-	-
Hispanic <sup>e</sup>	4.5	4.7	4.4	-2.1	1.3*	-0.1	-	-	-
U.S. Mortality <sup>g</sup>									
<u>0.51 1102 002207</u>		2006-2 100,00	010 0 persons		d 2001-: AAPC (%)				
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	)			
RACE/ETHNICITY All Races White	Rate per Total 2.7 3.1	100,00 Males 4.1 4.6	0 persons Females 1.7 2.0	0.1 0.2*	Males 0.4*	Females -0.5* -0.3*			
RACE/ETHNICITY  All Races  White  White Hispanice	2.7 3.1 0.9	100,00 Males 4.1 4.6 1.1	0 persons Females 1.7 2.0 0.6	Total 0.1 0.2* 0.0	Males  0.4*  0.5* 0.4	-0.5* -0.3* -0.4			
RACE/ETHNICITY All Races White	Rate per Total 2.7 3.1	100,00 Males 4.1 4.6	0 persons Females 1.7 2.0	0.1 0.2*	Males 0.4*	Females -0.5* -0.3*			
RACE/ETHNICITY  All Races  White  White Hispanice	2.7 3.1 0.9	100,00 Males 4.1 4.6 1.1	0 persons Females 1.7 2.0 0.6	Total 0.1 0.2* 0.0	Males  0.4*  0.5* 0.4	-0.5* -0.3* -0.4			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	2.7 3.1 0.9 3.4	100,00 Males 4.1 4.6 1.1 5.0	0 persons Females 1.7 2.0 0.6 2.1	0.1 0.2* 0.0 0.5*	Males  0.4*  0.5* 0.4  0.7*	-0.5* -0.3* -0.4 0.0			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	2.7 3.1 0.9 3.4 0.4	100,00 Males 4.1 4.6 1.1 5.0 0.5	0 persons Females  1.7  2.0 0.6 2.1 0.4 0.3	0.1 0.2* 0.0 0.5* -0.9*	Males  0.4*  0.5* 0.4  0.7*	-0.5* -0.3* -0.4 0.0			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  2.7  3.1 0.9 3.4 0.4 0.4 0.9	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females  1.7 2.0 0.6 2.1 0.4 0.3	0.1 0.2* 0.0 0.5* -0.9*	Males  0.4*  0.5* 0.4  0.7*	-0.5* -0.3* -0.4 0.0			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total  2.7  3.1 0.9 3.4  0.4  0.4  0.9 1.1	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females  1.7 2.0 0.6 2.1 0.4 0.3	0.1 0.2* 0.0 0.5* -0.9*	Males  0.4*  0.5* 0.4  0.7*	-0.5* -0.3* -0.4 0.0 -1.8*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  2.7  3.1 0.9 3.4 0.4 0.4 0.9	100,00 Males 4.1 4.6 1.1 5.0 0.5 0.4	0 persons Females  1.7 2.0 0.6 2.1 0.4 0.3	0.1 0.2* 0.0 0.5* -0.9*	Males  0.4*  0.5* 0.4  0.7*	-0.5* -0.3* -0.4 0.0			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

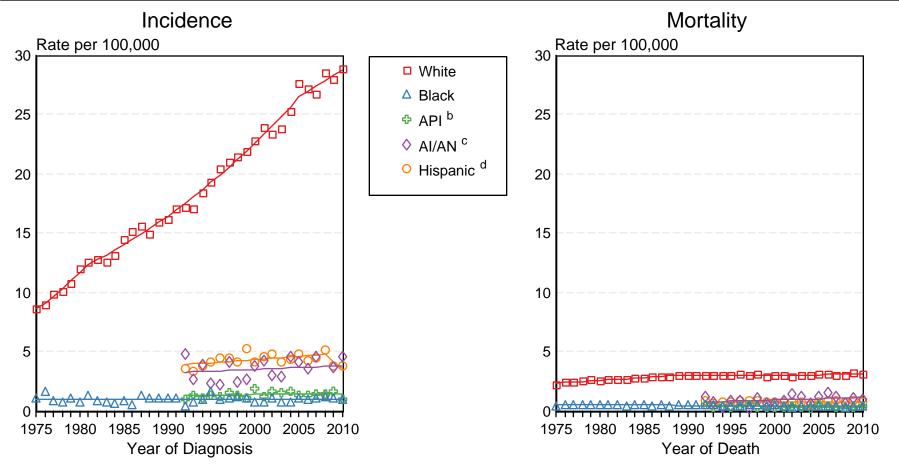
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

## SEER Incidence and US Death Rates<sup>a</sup> Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

#### Table 17.11 Mesothelioma

#### SEER Incidence Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	2 18 Are 2006-2 100,00			ER 13 Ar nd 2001-: AAPC (%	2010°	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	1.0	1.9	0.4	-1.0*	-1.4*	-0.1	-1.0*	-1.5*	-0.1
White White Hispanic <sup>e</sup> White Non-Hispanic <sup>e</sup>	1.1 1.0 1.2	2.1 1.7 2.1	0.5 0.4 0.5	-0.6* -0.3 -0.6*		0.3 - 0.2	-0.6* -	-1.2* - -	0.7* - -
Black	0.6	1.1	0.3	-	-	-	-4.7*	-6.3*	-
Asian/Pacific Islander	0.3	0.5	0.2	-	-	-	-	=	-
Amer Ind/Alaska Nat <sup>f</sup>	-	-	-	-	-	-	-	=	-
Hispanic <sup>e</sup>	0.9	1.6	0.4	-0.3	-1.6	=	_	_	=

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

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

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

Trend based on less than 10 cases for at least one year within the time interval.

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).

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

#### Table 18.15 Myeloma

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar d 2001- AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	5.9	7.5	4.8	0.4*	0.5*	0.1	0.7*	0.7*	0.5*
White	5.5	7.1	4.2	0.3*	0.5*	0.0	0.7*	0.8*	0.4*
White Hispanic <sup>e</sup>	5.6	6.8	4.7	-0.1	0.1	-0.4	-	-	-
White Non-Hispanic <sup>e</sup>	5.4	7.1	4.1	0.4*	0.5*	0.0	=	-	_
Black	11.9	14.4	10.2	0.4	0.7	0.1	0.7*	0.6*	0.8*
Asian/Pacific Islander	3.5	4.3	2.9	0.3	0.1	0.7	-	-	_
Amer Ind/Alaska Nat <sup>f</sup>	3.8	4.1	3.7	_	-	-	-	-	_
Hispanic <sup>e</sup>	5.5	6.7	4.6	0.0	0.3	-0.4	-	-	-
U.S. Mortality <sup>g</sup>									
U.S. MOITAILTY		2006-2	010 0 persons		d 2001- AAPC (%)				
U.S. MOITCAILLY		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%	)			
	Rate per	100,00	0 persons		AAPC (%	Females			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	Males -1.1*	Females -2.2*			
RACE/ETHNICITY All Races	Rate per Total 3.4	100,00 Males 4.3	0 persons Females 2.7		Males -1.1*	Females -2.2* -2.2*			
RACE/ETHNICITY All Races White	Rate per Total 3.4 3.1	100,00 Males 4.3 4.0	0 persons Females 2.7 2.5	Total -1.7* -1.7*	Males -1.1*	-2.2* -2.2* -1.8*			
RACE/ETHNICITY  All Races  White  White Hispanice	3.4 3.1 2.9	100,00 Males 4.3 4.0 3.6	0 persons Females 2.7 2.5 2.4		AAPC (%) Males -1.1* -1.1* -0.6	-2.2* -2.2* -1.8*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	3.4 3.1 2.9 3.1	100,00 Males 4.3 4.0 3.6 4.1	0 persons Females 2.7 2.5 2.4 2.5	Total -1.7* -1.7* -0.7 -1.7*	Males -1.1* -1.1* -1.1* -1.1*	-2.2* -2.2* -1.8* -2.3*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	3.4 3.1 2.9 3.1 6.4	100,00 Males 4.3 4.0 3.6 4.1 7.9	0 persons Females 2.7 2.5 2.4 2.5 5.4	Total -1.7* -1.7* -0.7 -1.7* -1.9*	Males -1.1* -1.1* -0.6 -1.1*	-2.2* -2.2* -1.8* -2.3* -2.4*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander	3.4 3.1 2.9 3.1 6.4	100,00 Males 4.3 4.0 3.6 4.1 7.9	0 persons Females 2.7 2.5 2.4 2.5 5.4	Total -1.7* -1.7* -0.7 -1.7* -1.9*	Males -1.1* -1.1* -0.6 -1.1*	-2.2* -2.2* -1.8* -2.3* -2.4*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	3.4 3.1 2.9 3.1 6.4	100,00 Males 4.3 4.0 3.6 4.1 7.9 2.3	0 persons Females  2.7  2.5 2.4 2.5 5.4 1.3	Total -1.7* -1.7* -0.7 -1.7* -1.9* -0.6	Males -1.1* -1.1* -0.6 -1.1*	-2.2* -2.2* -1.8* -2.3* -2.4*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  3.4  3.1 2.9 3.1 6.4 1.7	100,00 Males 4.3 4.0 3.6 4.1 7.9 2.3	0 persons Females  2.7  2.5 2.4 2.5 5.4 1.3	Total -1.7* -1.7* -0.7 -1.7* -1.9* -0.6	-1.1* -1.1* -0.6 -1.1* -1.3*	-2.2* -2.2* -1.8* -2.3* -2.4* -1.2			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

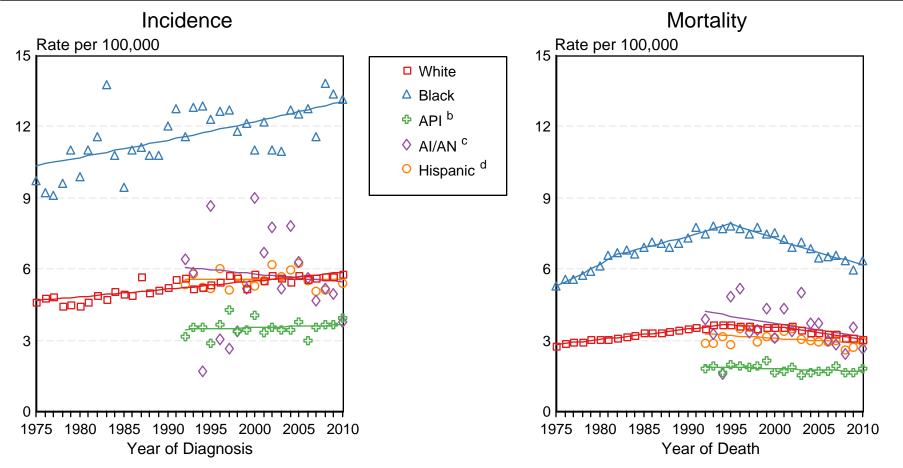
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

#### Table 19.19 Non-Hodgkin Lymphoma

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar d 2001- AAPC (%	2010 <sup>c</sup>	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	19.7	23.9	16.4	0.4*	0.5*	0.1	0.5*	0.4*	0.0
White	20.7	25.0	17.3	0.5*	0.5*	0.2	0.2	0.5*	-0.1
White Hispanic <sup>e</sup>	18.4	21.2	16.1	0.6*	0.4	1.1*	_	-	_
White Non-Hispanic <sup>e</sup>	21.2	25.6	17.5	0.6*	0.4*	0.1	_	-	-
Black	14.2	17.4	11.8	0.6*	0.0	0.3	0.6*	-0.2	1.9*
Asian/Pacific Islander	13.1	16.1	10.9	0.2	0.1	0.4	_	-	-
Amer Ind/Alaska Nat <sup>f</sup>	12.3	14.1	10.8	2.8*	-	-	_	-	-
Hispanic <sup>e</sup>	17.8	20.5	15.6	0.6*	0.4	1.0*	=	_	-
U.S. Mortality <sup>g</sup>									
		2006-2 100,00	010 0 persons		d 2001- AAPC (%				
	Rate per	100,00	0 persons		AAPC (%	)			
RACE/ETHNICITY		100,00			AAPC (%				
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (% <u>Males</u>	) Females			
	Rate per	100,00 Males	0 persons Females	Total	AAPC (% Males -2.7*	Females -3.1*			
All Races	Rate per Total 6.4	100,00 Males 8.2	0 persons Females 5.1		AAPC (% Males -2.7* -2.7* -1.6*	Females -3.1* -3.1* -1.2*			
All Races	Rate per Total 6.4 6.7	100,00 Males 8.2 8.5	0 persons Females 5.1 5.3		AAPC (% Males -2.7* -2.7* -1.6*	Females -3.1* -3.1* -1.2*			
All Races White White Hispanic <sup>e</sup>	Rate per	100,00 Males 8.2 8.5 6.9	0 persons Females 5.1 5.3 4.6		AAPC (% Males -2.7* -2.7* -1.6*	Females -3.1* -3.1* -1.2*			
All Races  White  White Hispanice  White Non-Hispanice	Rate per  Total  6.4  6.7  5.6  6.8	8.2 8.5 6.9 8.6	0 persons Females 5.1 5.3 4.6 5.4	Total -2.7* -2.9* -1.4* -2.9*	AAPC (% Males -2.7* -2.7* -1.6* -2.6*	-3.1* -3.1* -1.2* -3.3* -2.6*			
All Races  White White Hispanice White Non-Hispanice Black	Rate per Total  6.4  6.7  5.6  6.8  4.6	8.2 8.5 6.9 8.6	0 persons Females 5.1 5.3 4.6 5.4 3.6	Total -2.7* -2.9* -1.4* -2.9* -2.6*	AAPC (% Males -2.7* -2.7* -1.6* -2.6*	-3.1* -3.1* -1.2* -3.3* -2.6*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per  Total  6.4  6.7  5.6  6.8  4.6  4.1	8.2 8.5 6.9 8.6 5.9 5.2	0 persons Females 5.1 5.3 4.6 5.4 3.6 3.4	Total  -2.7* -2.9* -1.4* -2.9* -2.6* -2.0*	AAPC (% Males  -2.7* -2.7* -1.6* -2.6* -2.6* -2.5*	-3.1* -3.1* -1.2* -3.3* -2.6* -1.7*			
All Races  White White Hispanice White Non-Hispanice  Black Asian/Pacific Islander  Amer Ind/Alaska Nat	Rate per  Total  6.4  6.7  5.6  6.8  4.6  4.1	8.2 8.5 6.9 8.6 5.9	0 persons Females 5.1 5.3 4.6 5.4 3.6 3.4	Total  -2.7* -2.9* -1.4* -2.9* -2.6* -2.0*	AAPC (% Males -2.7* -2.7* -2.6* -2.6*	-3.1* -3.1* -1.2* -3.3* -2.6* -1.7*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per  Total  6.4  6.7  5.6  6.8  4.6  4.1	8.2 8.5 6.9 8.6 5.9 5.2	0 persons Females 5.1 5.3 4.6 5.4 3.6 3.4	Total  -2.7* -2.9* -1.4* -2.9* -2.6* -2.0*	AAPC (% Males  -2.7* -2.7* -1.6* -2.6* -2.6* -2.5*	-3.1* -3.1* -1.2* -3.3* -2.6* -1.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

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The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

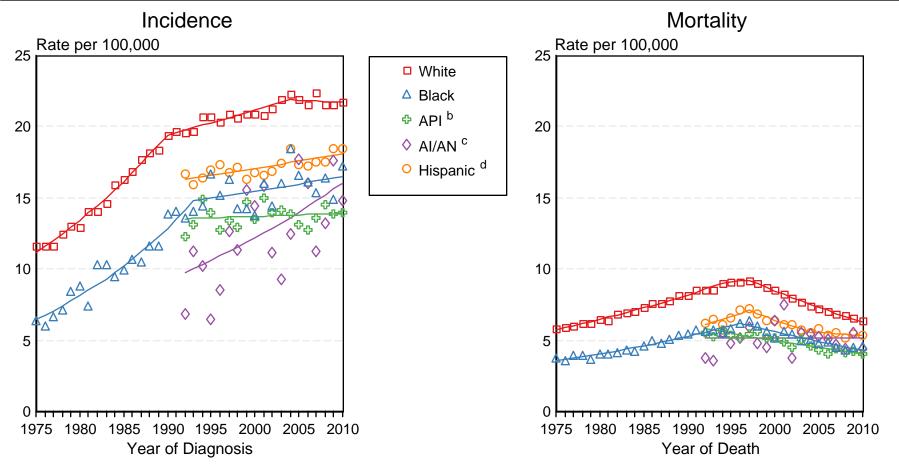
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

## SEER Incidence and US Death Rates<sup>a</sup> Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

#### Table 20.19 Cancer of the Oral Cavity and Pharynx (Invasive)

#### SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar d 2001-: AAPC (%	2010°	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	10.8	16.2	6.2	-0.1	0.0	-0.9*	0.1	0.2	-0.8*
White	11.2	16.7	6.3	0.3	0.5	-0.9*	0.4	0.5	-0.8*
White Hispanic <sup>e</sup>	6.7	9.6	4.3		-1.1*		_	-	_
White Non-Hispanic <sup>e</sup>	12.0	18.0	6.7	0.5	0.7*	-0.7*	-	_	_
Black	9.6	14.9	5.4	-2.6*	-3.1*	-1.4*	-2.6*	-3.2*	-1.4*
Asian/Pacific Islander	7.6	11.0	4.9	-1.1*	-1.0*	-1.0*	_	-	_
Amer Ind/Alaska Natf	7.4	11.1	4.3	-2.3*	-	-	_	-	_
Hispanic <sup>e</sup>	6.5	9.3	4.2	-0.7*	-1.0*	-0.5	_	-	_
U.S. Mortality <sup>g</sup>									
o.s. Morearity		2006-2	010 0 persons		d 2001-: AAPC (%)				
0.5. Mortality		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	Females			
RACE/ETHNICITY All Races	Rate per Total 2.5	100,00 Males	0 persons Females		AAPC (%) Males -1.2*	Females -2.1*			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (%) Males -1.2* -0.7*	Females -2.1* -1.9*			
RACE/ETHNICITY All Races White	Rate per Total 2.5 2.4	100,00 Males 3.8 3.6	0 persons Females 1.4 1.4		AAPC (%) Males -1.2* -0.7* -1.8*	Females -2.1* -1.9* -1.1*			
RACE/ETHNICITY  All Races  White  White Hispanice	2.5 2.4 1.6	100,00 Males 3.8 3.6 2.6	0 persons Females 1.4 1.4 0.8		AAPC (%) Males -1.2* -0.7* -1.8*	Females -2.1* -1.9* -1.1*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	2.5 2.4 1.6 2.5	3.8 3.6 2.6 3.7	0 persons Females  1.4  1.4  0.8 1.4	Total -1.3* -0.8* -2.3* -0.6*	Males -1.2* -0.7* -1.8* -0.4	-2.1* -1.9* -1.1* -1.7* -3.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black	2.5 2.4 1.6 2.5 3.0	3.8 3.6 2.6 3.7 5.2	0 persons Females  1.4  1.4  0.8  1.4  1.4	Total -1.3* -0.8* -2.3* -0.6* -4.0*	Males -1.2* -0.7* -1.8* -0.4 -4.0*	-2.1* -1.9* -1.1* -1.7* -3.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander	2.5 2.4 1.6 2.5 3.0	3.8 3.6 2.6 3.7 5.2	0 persons Females  1.4  1.4  0.8  1.4  1.4	Total -1.3* -0.8* -2.3* -0.6* -4.0*	Males -1.2* -0.7* -1.8* -0.4 -4.0*	-2.1* -1.9* -1.1* -1.7* -3.7*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat	2.5 2.4 1.6 2.5 3.0 2.0	3.8 3.6 2.6 3.7 5.2	0 persons Females  1.4  1.4  0.8  1.4  1.4  1.2	Total -1.3* -0.8* -2.3* -0.6* -4.0* -2.3*	Males -1.2* -0.7* -1.8* -0.4 -4.0*	-2.1* -1.9* -1.1* -1.7* -3.7*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  2.5  2.4 1.6 2.5 3.0 2.0	3.8 3.6 2.6 3.7 5.2 3.0	0 persons Females  1.4  1.4  0.8  1.4  1.2	Total -1.3* -0.8* -2.3* -0.6* -4.0* -2.3*	AAPC (%) Males -1.2* -0.7* -1.8* -0.4 -4.0* -2.5*	-2.1* -1.9* -1.1* -1.7* -3.7* -1.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

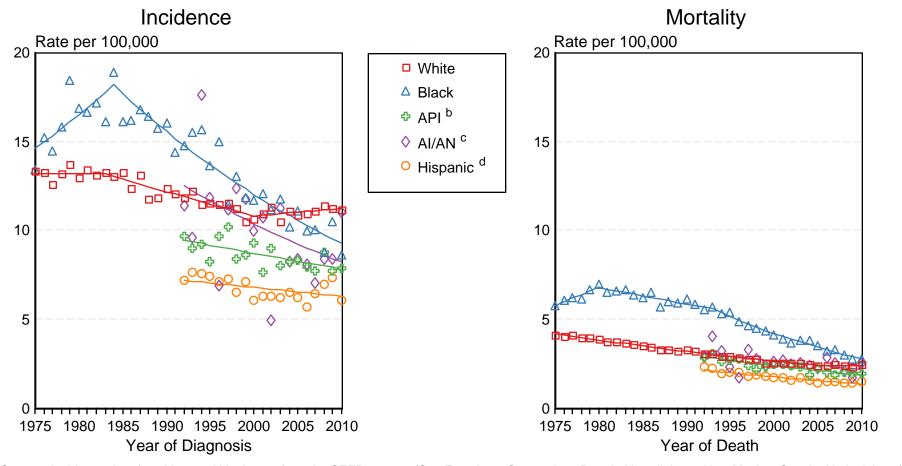
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky,

Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

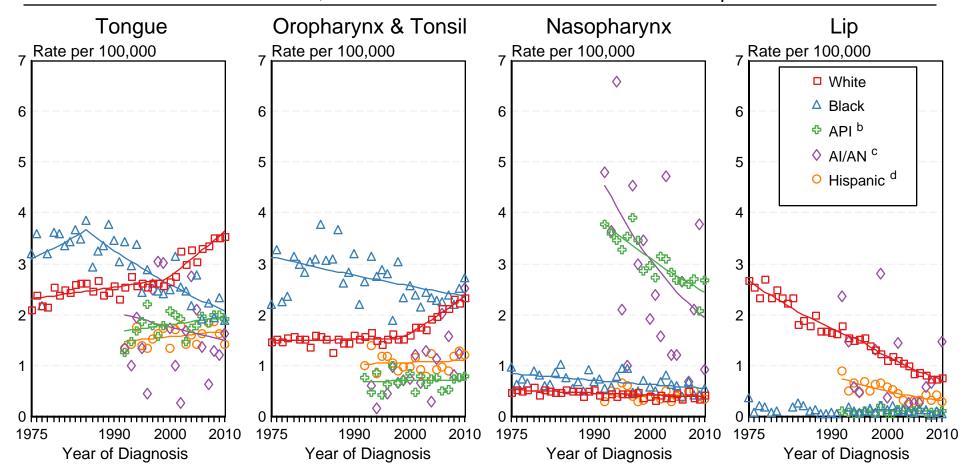
b API = Asian/Pacific Islander.

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

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

### SEER Incidence Rates<sup>a</sup>

Cancer of the Oral Cavity and Pharangeal for Selected Subsites, Both Sexes
Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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

<sup>&</sup>lt;sup>a</sup> 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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

b API = Asian/Pacific Islander.

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

d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

#### Table 21.11 Cancer of the Ovary (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

<u>SEER Incidence</u>	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001–2010 <sup>d</sup> AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	12.5	-1.0*	-1.0*
White	13.3	-1.5*	-1.0*
White Hispanic <sup>e</sup>	11.7	-0.4	-
White Non-Hispanic <sup>e</sup>	13.5	-1.0*	-
Black	9.7	-0.6	-0.5*
Asian/Pacific Islander	9.4	-0.5	-
Amer Ind/Alaska Nat <sup>f</sup>	10.7	-	-
Hispanic <sup>e</sup>	11.3	-0.4	-
U.S. Mortality <sup>g</sup>			
	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	8.1	-1.6*	
White	8.4	-1.6*	
White Hispanic <sup>e</sup>	6.1	-0.5	
White Non-Hispanic <sup>e</sup>	8.6	-1.6*	
Black	6.7	-0.9*	
Asian/Pacific Islander	4.8	0.0	
Amer Ind/Alaska Nat			
Total U.S.	5.5	0.3	
CHSDA Counties	7.1	0.8	
Non-CHSDA Counties	3.6	-	
Hispanic <sup>e</sup>	5.8	-0.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

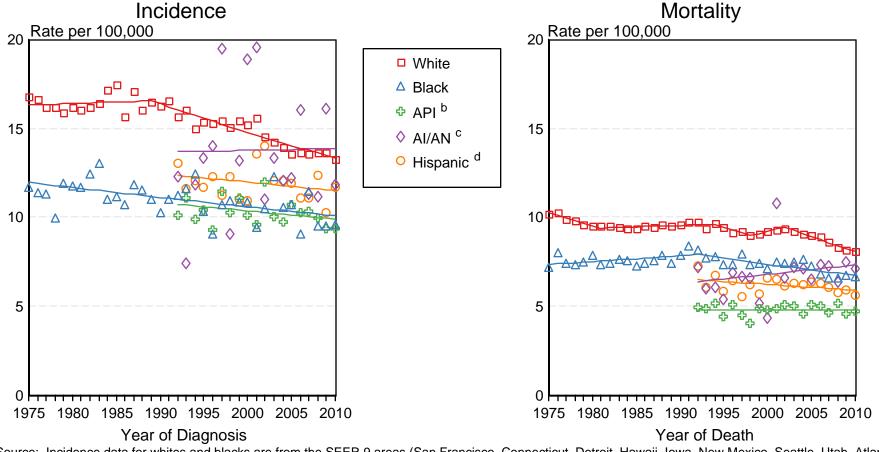
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina, and Vermont
- North Dakota, Oklahoma, South Carolina and Vermont.

  Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

### SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Ovary

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.
 b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 22.15 Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2			ER 13 Ar d 2001- AAPC (%	2010°	Tren	R 9 Are d 2001-1 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.2	13.9	10.9	1.1*	0.7	1.1*	1.2*	0.6	1.4*
White	12.1	13.8	10.7	0.8*	0.7*		0.9	0.4	1.5*
White Hispanic <sup>e</sup>	11.7	12.6	10.9	0.7*	0.9		-	-	-
White Non-Hispanic <sup>e</sup>	12.2	14.0	10.7	1.1*	0.8*	1.4*	-	_	-
Black	15.8	17.6	14.3	1.0	-0.2	-0.2	-0.1	-0.4*	0.1
Asian/Pacific Islander	9.6	10.4	8.9	0.6*	-0.1	1.3*	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	10.9	11.4	10.5	-	-	-	-	-	-
Hispanic <sup>e</sup>	11.3	12.1	10.6	0.7*	0.9*	0.5	-	-	-
U.S. Mortality <sup>g</sup>									
		2006-2 100,00	010 0 persons		d 2001- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%	)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons		AAPC (%	) Females			
	Rate per <u>Total</u>	100,00 Males	0 persons Females	Total	AAPC (% Males 0.3*	Females 0.4*			
All Races White White Hispanic <sup>e</sup>	Total  10.9  10.8 9.0	100,00 Males 12.5 12.5 10.1	9.6 9.4 8.1	Total 0.4* 0.5* 0.4*	AAPC (% Males 0.3* 0.4* 0.3	0.4* 0.5* 0.5*			
All Races White	Rate per Total  10.9 10.8	100,00 Males 12.5 12.5	0 persons Females 9.6 9.4		Males 0.3*	0.4* 0.5* 0.5*			
All Races White White Hispanic <sup>e</sup>	Total  10.9  10.8 9.0	100,00 Males 12.5 12.5 10.1	9.6 9.4 8.1	Total 0.4* 0.5* 0.4*	AAPC (% Males 0.3* 0.4* 0.3	0.4* 0.5* 0.5* 0.6*			
All Races  White  White Hispanice  White Non-Hispanice	Total  10.9  10.8  9.0  10.9	100,00 Males 12.5 12.5 10.1 12.7	9.6 9.4 8.1 9.5	Total 0.4* 0.5* 0.4* 0.6*	Males  0.3*  0.4* 0.3 0.5*	0.4* 0.5* 0.5* 0.6*			
All Races  White White Hispanice White Non-Hispanice	Total  10.9  10.8  9.0  10.9  13.7	100,00 Males 12.5 12.5 10.1 12.7 15.3	9.6 9.4 8.1 9.5 12.5	Total  0.4*  0.5* 0.4* 0.6*  -0.4*	Males  0.3*  0.4* 0.3  0.5*	0.4* 0.5* 0.5* 0.6* -0.4*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Total  10.9  10.8  9.0  10.9  13.7  7.6	100,00 Males 12.5 12.5 10.1 12.7 15.3 8.3 7.3	9.6 9.4 8.1 9.5 12.5 7.1	Total  0.4* 0.5* 0.4* 0.6* -0.4* 0.5*	AAPC (% Males  0.3*  0.4* 0.3 0.5*  -0.8* 0.9	0.4* 0.5* 0.5* 0.6* -0.4*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Total  10.9  10.8  9.0  10.9  13.7  7.6	100,00 Males 12.5 12.5 10.1 12.7 15.3 8.3 7.3 10.1	9.6 9.4 8.1 9.5 12.5 7.1 6.1 8.6	Total  0.4*  0.5* 0.4* 0.6*  -0.4*  0.5*	AAPC (% Males  0.3*  0.4* 0.3 0.5*  -0.8*	0.4* 0.5* 0.5* 0.6* -0.4*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Total  10.9  10.8  9.0  10.9  13.7  7.6	100,00 Males 12.5 12.5 10.1 12.7 15.3 8.3 7.3	9.6 9.4 8.1 9.5 12.5 7.1	Total  0.4* 0.5* 0.4* 0.6* -0.4* 0.5*	AAPC (% Males  0.3*  0.4* 0.3 0.5*  -0.8* 0.9	0.4* 0.5* 0.5* 0.6* -0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

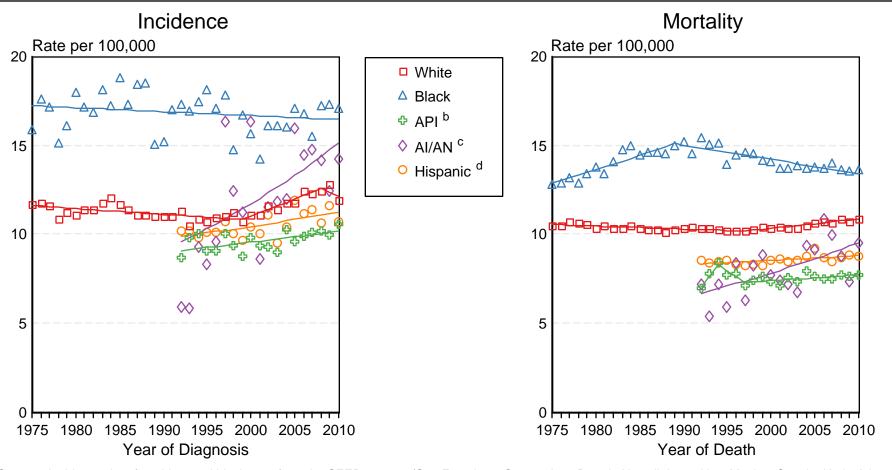
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Pancreas, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 23.11 Cancer of the Prostate (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity

<u>SEER Incidence</u>	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001–2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001–2010 <sup>d</sup> AAPC (%)
	Males	Males	Males
RACE/ETHNICITY			
All Races	152.0	-2.2*	-2.0*
White	144.9	-2.6*	-2.5*
White Hispanic <sup>e</sup>	124.9	-3.0*	_
White Non-Hispanic <sup>e</sup>	148.2	-2.3*	-
Black	228.5	-2.0*	-1.8*
Asian/Pacific Islander	81.8	-3.7*	-
Amer Ind/Alaska Nat <sup>f</sup>	77.8	-1.6*	-
Hispanic <sup>e</sup>	125.8	-2.8*	-
U.S. Mortality <sup>g</sup>			
	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Males	Males	
RACE/ETHNICITY			
All Races	23.0	-3.3*	
White	21.2	-3.3*	
White Hispanic <sup>e</sup>	19.8	-2.4*	
White Non-Hispanic <sup>e</sup>	21.3	-3.2*	
Black	50.9	-3.5*	
Asian/Pacific Islander	10.1	-3.5*	
Amer Ind/Alaska Nat			
Total U.S.	16.9	-2.6*	
CHSDA Counties	20.7	-1.7*	
Non-CHSDA Counties	12.3	-3.5*	
Hispanic <sup>e</sup>	19.2	-2.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).
The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

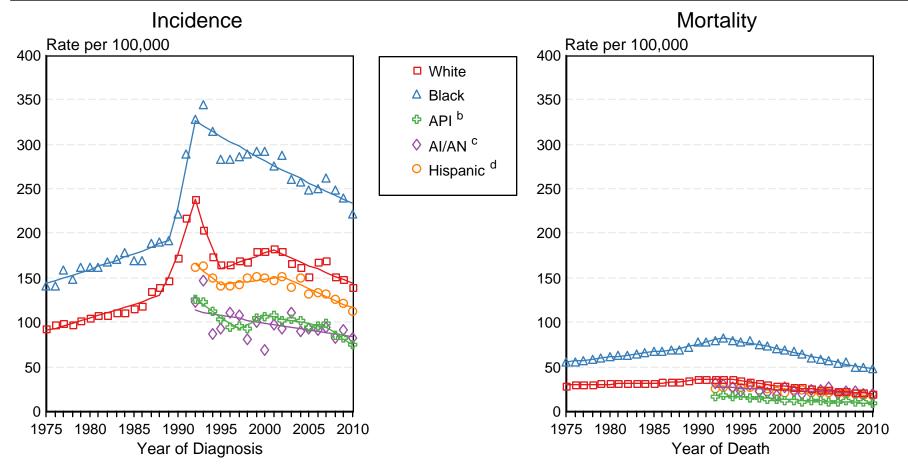
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

### SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Prostate

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.
 API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 24.15 Cancer of the Stomach (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	Rate	R 18 Are 2006-2 100,00			ER 13 Ar nd 2001- AAPC (%	2010°	Tren	R 9 Are d 2001-2 AAPC (%	2010 <sup>d</sup>
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	7.5	10.4	5.3	-1.3*	-1.7*	-0.8*	-1.6*	-1.8*	-1.5*
White	6.6	9.2	4.5	-1.2*			-1.3*	-1.8*	-1.9*
White Hispanic <sup>e</sup>	11.7	15.6	8.9		-1.6*		-	-	_
White Non-Hispanic <sup>e</sup>	5.8	8.3	3.8	-1.6*	-2.0*	-1.6*	-	-	-
Black	11.6	16.1	8.7	-1.7*	-2.2*	-1.1*	-1.4*	-2.0*	-0.9*
Asian/Pacific Islander	11.9	15.5	9.3	-3.0*	-3.0*	-2.6*	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	10.0	13.1	7.7	-0.4	-0.7	-	-	-	-
Hispanic <sup>e</sup>	11.3	14.9	8.6	-1.3*	-1.6*	-1.1*	-	-	_
U.S. Mortality <sup>g</sup>						1-			
		2006-2 100,00	010 O persons		nd 2001- AAPC (%				
		100,00			AAPC (%				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%	)			
RACE/ETHNICITY All Races	Rate per	100,00	0 persons	Total	AAPC (%	) Females			
	Rate per	100,00 Males	0 persons Females		AAPC (% Males -3.1*	) Females			
All Races	Rate per Total 3.5	100,00 Males 4.9	0 persons Females 2.5		AAPC (% Males -3.1*	Females -2.7* -2.8*			
All Races White	Rate per Total 3.5 3.1	100,00 Males 4.9 4.2	0 persons Females 2.5 2.2		AAPC (% Males -3.1* -3.3* -2.3*	Females -2.7* -2.8* -1.8*			
All Races White White Hispanic <sup>e</sup>	3.5 3.1 6.0	100,00 Males 4.9 4.2 8.0	0 persons Females 2.5 2.2 4.6	Total -3.0* -3.1* -2.1*	-3.1* -3.3* -2.3* -3.9*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*			
All Races  White  White Hispanice  White Non-Hispanice	3.5 3.1 6.0 2.8	4.9 4.2 8.0 3.9	0 persons Females 2.5 2.2 4.6 1.9	Total -3.0* -3.1* -2.1* -3.4*	-3.1* -3.3* -2.3* -3.9*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*  -3.0*			
All Races  White White Hispanice White Non-Hispanice	3.5 3.1 6.0 2.8 6.7	4.9 4.2 8.0 3.9 9.8	0 persons Females 2.5 2.2 4.6 1.9 4.7	Total -3.0* -3.1* -2.1* -3.4* -3.1*	-3.1* -3.3* -2.3* -3.9*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*  -3.0*			
All Races  White   White Hispanice   White Non-Hispanice   Black  Asian/Pacific Islander	3.5 3.1 6.0 2.8 6.7	4.9 4.2 8.0 3.9 9.8	0 persons Females 2.5 2.2 4.6 1.9 4.7	Total  -3.0*  -3.1* -2.1* -3.4*  -3.7*	-3.1* -3.3* -2.3* -3.9* -3.1*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*  -3.0*			
All Races  White White Hispanice White Non-Hispanice  Black Asian/Pacific Islander  Amer Ind/Alaska Nat	3.5 3.1 6.0 2.8 6.7 6.6	100,00 Males 4.9 4.2 8.0 3.9 9.8 8.7	0 persons Females  2.5  2.2 4.6 1.9 4.7 5.1	Total  -3.0*  -3.1* -2.1* -3.4*  -3.7*  -3.0*	-3.1* -3.3* -2.3* -3.9* -3.5*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*  -3.0*  -3.7*			
All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	3.5 3.1 6.0 2.8 6.7 6.6	100,00 Males 4.9 4.2 8.0 3.9 9.8 8.7	0 persons Females  2.5  2.2 4.6 1.9 4.7 5.1	Total  -3.0*  -3.1* -2.1* -3.4*  -3.7*  -3.0*	-3.1* -3.3* -2.3* -3.9* -3.5*	Pemales  -2.7*  -2.8*  -1.8*  -3.1*  -3.0*  -3.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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). The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle,

Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

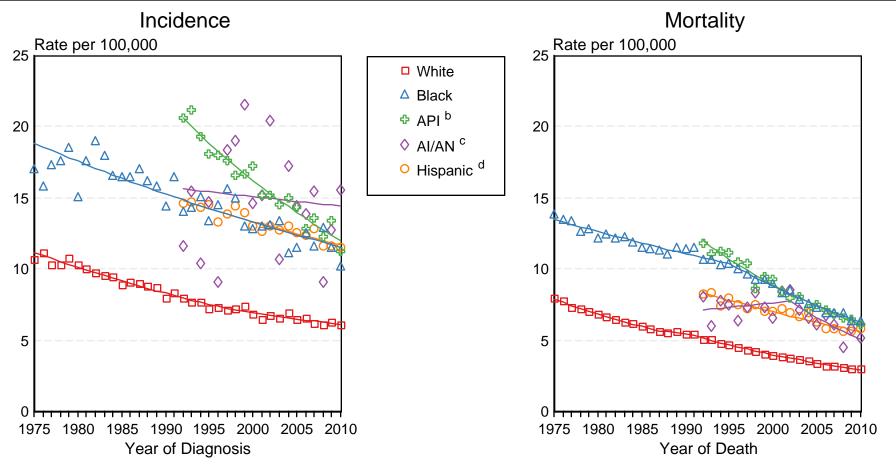
The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Stomach, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

### Table 25.11 Cancer of the Testis (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)	SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)
	Males	Males	Males
RACE/ETHNICITY			
All Races	5.5	1.2*	0.9*
White	6.6	1.4*	1.1*
White Hispanic <sup>e</sup>	5.0	3.1*	-
White Non-Hispanic <sup>e</sup>	7.1	0.1	-
Black	1.4	0.7	2.2*
Asian/Pacific Islander	1.9	1.1	-
Amer Ind/Alaska Nat <sup>f</sup>	4.5	-	-
Hispanic <sup>e</sup>	4.7	2.9*	-
U.S. Mortality <sup>g</sup>			
<del></del>	Rate 2006-2010 Rate per 100,000 persons	Trend 2001-2010 <sup>h</sup> AAPC (%)	
	Males	Males	
RACE/ETHNICITY			
All Races	0.2	-0.6*	
White	0.3	-0.5	
White Hispanic <sup>e</sup>	0.3	0.6	
White Non-Hispanic <sup>e</sup>	0.3	-0.4	
Black	0.1	-0.5	
Asian/Pacific Islander	0.1	-	
Amer Ind/Alaska Nat			
Total U.S.	0.1	-	
CHSDA Counties	-	=	
Non-CHSDA Counties	-	<del>-</del>	
Hispanic <sup>e</sup>	0.3	0.5	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

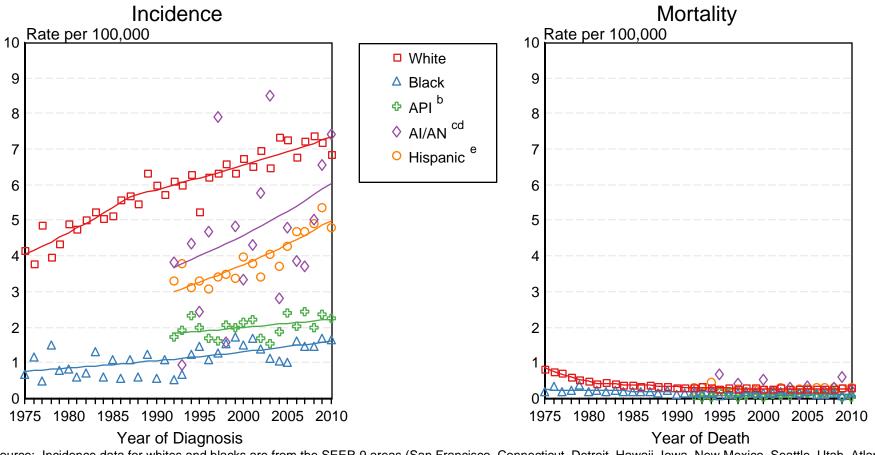
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
The APC is significantly different from zero (p<.05).

### SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Testis

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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

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

Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

- c Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- <sup>d</sup> Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

### Table 26.15 Cancer of the Thyroid (Invasive)

SEER Incidence and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons			SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)			SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.2	6.1	18.2	6.2*	5.4*	6.5*	6.4*	5.5*	6.6*
White	13.0	6.6	19.4	6.4*	5.5*	6.6*	6.0*	5.7*	6.3*
White Hispanic <sup>e</sup>	11.0	4.6	17.2	5.2*	3.7*		-	_	-
White Non-Hispanic <sup>e</sup>	13.7	7.1	20.3	6.6*	6.0*	6.5*	_	-	-
Black	7.1	3.2	10.5	6.7*	5.4*	7.5*	6.2*	2.9*	5.9*
Asian/Pacific Islander	12.1	5.3	17.9	5.2*	2.7*	5.4*	-	-	_
Amer Ind/Alaska Nat <sup>f</sup>	7.3	3.3	11.0	3.6*	-	-	-	-	-
Hispanic <sup>e</sup>	10.5	4.4	16.4	5.1*	3.8*	5.6*	-	-	_
II G Mantalitug	Rate 2006-2010 Rate per 100,000 persons		Trend 2001-2010 <sup>h</sup> AAPC (%)						
<u>U.S. Mortality<sup>g</sup></u>									
		100,00			AAPC (%)				
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)			
	Rate per	100,00	0 persons		AAPC (%)	)			
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	AAPC (%)	Females 0.9*			
RACE/ETHNICITY All Races	Rate per Total  0.5	100,00 Males 0.5	0 persons Females		Males  1.6*	Females 0.9*			
RACE/ETHNICITY All Races White	Rate per Total  0.5	100,00 Males 0.5	0 persons Females 0.5 0.5	Total 0.9* 0.8*	Males 1.6*	0.9* 0.8*			
RACE/ETHNICITY  All Races  White  White Hispanice	0.5 0.5 0.6	0.5 0.5 0.6	0 persons Females 0.5 0.5 0.7	Total 0.9* 0.8* 0.0	AAPC (%) Males  1.6* 1.6* 1.9	0.9* 0.8* -1.0*			
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Rate per Total 0.5 0.5 0.6 0.5	0.5 0.5 0.6 0.5	0 persons Females  0.5  0.5  0.7  0.5	Total 0.9* 0.8* 0.0 1.0*	Males  1.6*  1.6*  1.6*	0.9* 0.8* -1.0* 0.9*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total 0.5 0.5 0.6 0.5 0.5	0.5 0.5 0.6 0.5	0 persons Females  0.5  0.5  0.7  0.5  0.6	Total 0.9* 0.8* 0.0 1.0* 1.2*	AAPC (% Males 1.6* 1.6* 1.6* 2.0*	0.9* 0.8* -1.0* 0.9*			
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander	Rate per Total 0.5 0.5 0.6 0.5 0.5	0.5 0.5 0.6 0.5	0 persons Females  0.5  0.5  0.7  0.5  0.6	Total 0.9* 0.8* 0.0 1.0* 1.2*	AAPC (% Males 1.6* 1.6* 1.6* 2.0*	0.9* 0.8* -1.0* 0.9*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total 0.5 0.5 0.6 0.5 0.5 0.7	0.5 0.5 0.6 0.5 0.4	0 persons Females  0.5  0.5  0.7  0.5  0.6  0.9	Total  0.9*  0.8* 0.0 1.0* 1.2*	AAPC (% Males 1.6* 1.6* 1.6* 2.0*	0.9* 0.8* -1.0* 0.9*			
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  0.5  0.5  0.6  0.5  0.7	0.5 0.5 0.6 0.5 0.4	0 persons Females  0.5  0.5  0.7  0.5  0.6  0.9	Total  0.9*  0.8* 0.0 1.0* 1.2*	AAPC (% Males 1.6* 1.6* 1.6* 2.0*	0.9* 0.8* -1.0* 0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

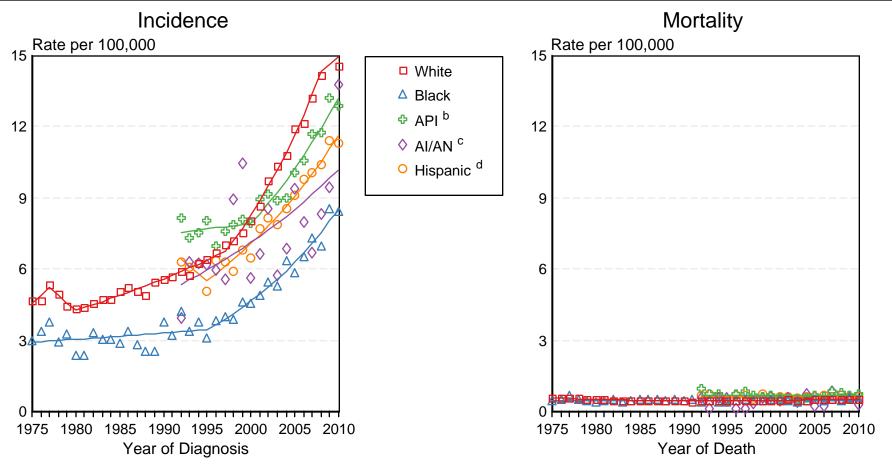
US Mortality Files, National Center for Health Statistics, CDC.

The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Thyroid, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.
 API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

#### Table 27.15 Cancer of the Urinary Bladder

### SEER Incidence (Invasive and $In\ Situ$ ) and U.S. Mortality Age-Adjusted Rates and Trends<sup>a</sup> By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas <sup>b</sup> Rate 2006-2010 Rate per 100,000 persons			SEER 13 Areas <sup>b</sup> Trend 2001-2010 <sup>c</sup> AAPC (%)			SEER 9 Areas <sup>b</sup> Trend 2001-2010 <sup>d</sup> AAPC (%)			
	Total	Males	Females	Total	Males	Females	Total	Males	Females	
RACE/ETHNICITY										
All Races	20.7	36.6	8.9	-0.4	-0.1	-0.9*	-0.3	-0.3	-1.0*	
White	22.5	39.8	9.5	-0.4	0.0	-0.9*	-0.2	-0.3	-1.0*	
White Hispanic	11.8	20.8	5.3	-1.5	-0.3	-0.6 -0.7*	- -	-	-	
White Non-Hispanic <sup>e</sup>	24.1	42.4	10.1	0.2*	0.1	-0./^	_	_	-	
Black	12.5	21.0	7.1	0.3	0.6*	-0.1	0.2	0.3*	0.2	
Asian/Pacific Islander	9.0	16.1	3.9	0.2	0.5*	0.0	-	-	-	
Amer Ind/Alaska Nat <sup>f</sup>	7.8	13.7	3.0	_	-	-	-	-	_	
Hispanic <sup>e</sup>	11.5	20.2	5.2	-1.5	-0.3	-0.6	-	-	_	
II G Mantalitug	Rate 2006-2010 Rate per 100,000 persons		Trend 2001-2010 <sup>h</sup> AAPC (%)							
<u>U.S. Mortality<sup>g</sup></u>										
		100,00			AAPC (%)					
RACE/ETHNICITY	Rate per	100,00	0 persons		AAPC (%)	)				
	Rate per	100,00	0 persons		AAPC (%)	)				
RACE/ETHNICITY	Rate per	100,00 Males	0 persons Females	Total	Males  0.2	Females -0.5*				
RACE/ETHNICITY  All Races  White  White Hispanice	Rate per Total  4.4  4.6 2.5	7.7 8.1 4.2	0 persons Females 2.2 2.2 1.3		0.2 0.2*	-0.5* -0.3* -0.2				
RACE/ETHNICITY All Races White	Rate per Total 4.4 4.6	100,00 Males 7.7 8.1	0 persons Females 2.2 2.2	0.2 0.3*	Males 0.2	-0.5* -0.3* -0.2				
RACE/ETHNICITY  All Races  White  White Hispanice	Rate per Total  4.4  4.6 2.5	7.7 8.1 4.2	0 persons Females 2.2 2.2 1.3		0.2 0.2*	-0.5* -0.3* -0.2 -0.1				
RACE/ETHNICITY  All Races  White  White Hispanice  White Non-Hispanice	Rate per Total 4.4 4.6 2.5 4.8	7.7 8.1 4.2 8.4	0 persons Females  2.2  2.2  1.3  2.3	0.2 0.3* -0.2 0.5*	Males  0.2  0.2* -0.4 0.4*	-0.5* -0.3* -0.2 -0.1				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice	Rate per Total  4.4  4.6  2.5  4.8  3.7	7.7 8.1 4.2 8.4 5.5	0 persons Females  2.2  2.2  1.3  2.3  2.6	Total  0.2  0.3* -0.2  0.5* -1.0*	Males  0.2  0.2* -0.4 0.4* -0.8*	-0.5* -0.3* -0.2 -0.1 -1.2*				
RACE/ETHNICITY  All Races  White White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander	Rate per Total  4.4  4.6  2.5  4.8  3.7	7.7 8.1 4.2 8.4 5.5	0 persons Females  2.2 2.2 1.3 2.3 2.6 0.9	Total  0.2  0.3* -0.2  0.5* -1.0*	Males  0.2  0.2* -0.4 0.4* -0.8*	-0.5* -0.3* -0.2 -0.1 -1.2*				
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S. CHSDA Counties	Rate per Total  4.4  4.6  2.5  4.8  3.7  1.7	7.7 8.1 4.2 8.4 5.5 2.8	0 persons Females  2.2 2.2 1.3 2.3 2.6 0.9	0.2 0.3* -0.2 0.5* -1.0*	Males  0.2  0.2* -0.4 0.4* -0.8*	-0.5* -0.3* -0.2 -0.1 -1.2*				
RACE/ETHNICITY  All Races  White Hispanice White Non-Hispanice  Black  Asian/Pacific Islander  Amer Ind/Alaska Nat Total U.S.	Rate per Total  4.4  4.6 2.5 4.8 3.7 1.7	7.7 8.1 4.2 8.4 5.5 2.8	0 persons Females  2.2 2.2 1.3 2.3 2.6 0.9	Total  0.2  0.3* -0.2 0.5* -1.0* -0.7	Males  0.2  0.2* -0.4 0.4* -0.8*	-0.5* -0.3* -0.2 -0.1 -1.2*				

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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.

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).

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

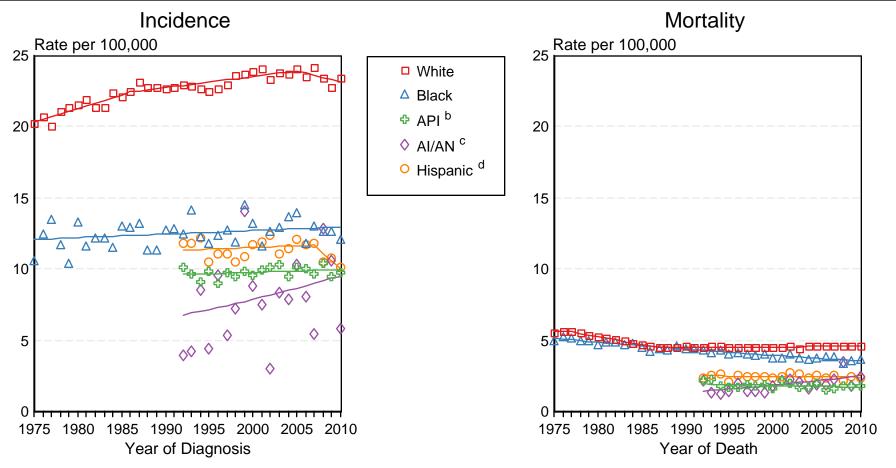
The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

- The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.
- d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.
  - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.
- Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.
  The APC is significantly different from zero (p<.05).</p>

## SEER Incidence and US Death Rates<sup>a</sup> Cancer of the Urinary Bladder, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

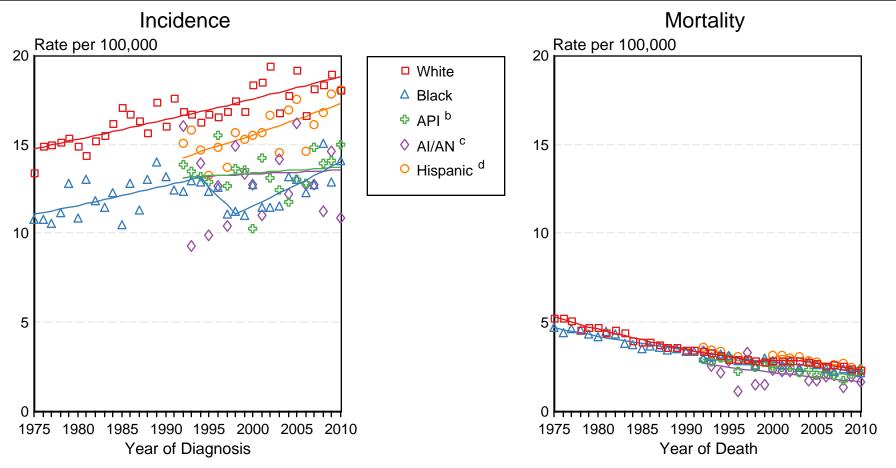
b API = Asian/Pacific Islander.

<sup>&</sup>lt;sup>c</sup> Al/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

## SEER Incidence and US Death Rates<sup>a</sup> All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



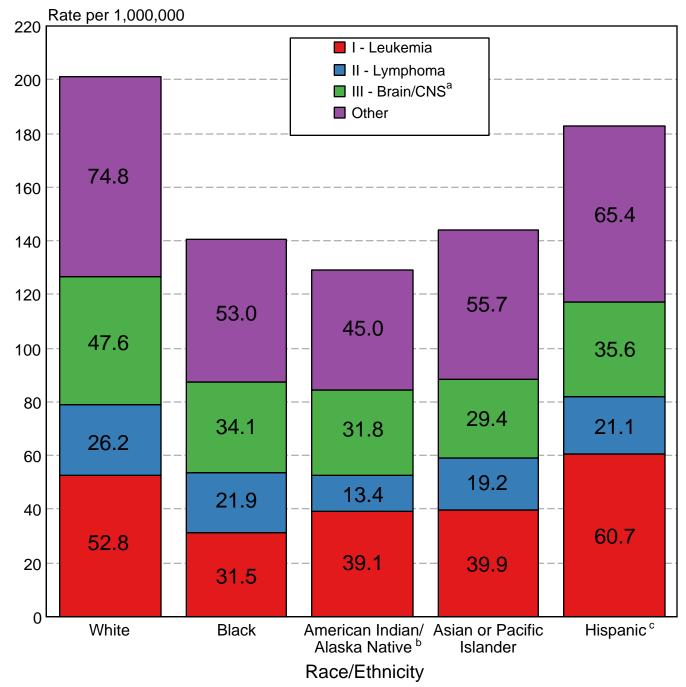
Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

b API = Asian/Pacific Islander.

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

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

### Childhood Cancer: SEER Incidence Rates 2006- 2010 by ICCC Group and Race/Ethnicity (includes myelodysplastic syndromes and Group III benign brain) Both Sexes, Under 20 Years of Age



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

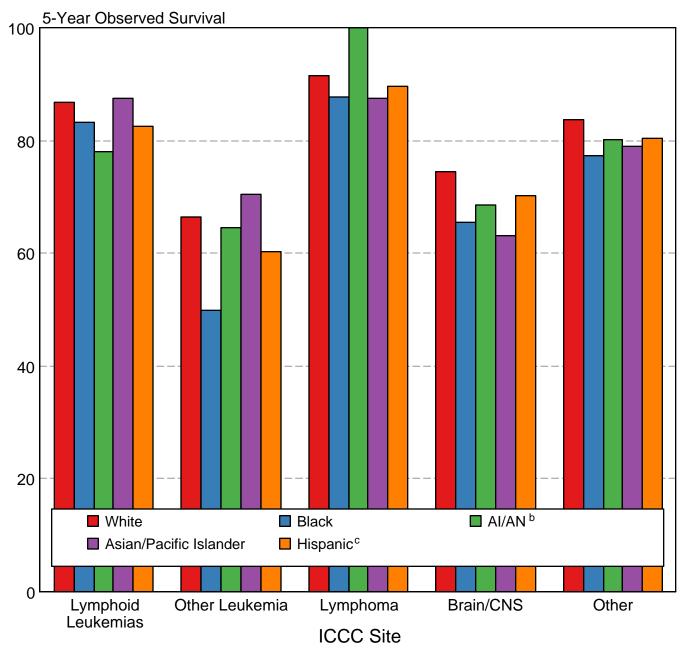
International Classification of Childhood Cancer is based on ICD-O-3. Stellarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005: Vol 103, No. 7, pg 1457-1467.

<sup>&</sup>lt;sup>a</sup> Rate for Group III (Brain/CNS) includes benign brain tumors.

b Incidence rates for American Índian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

<sup>&</sup>lt;sup>c</sup> Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

# Childhood Cancer 5-Year Observed Survival (%) by ICCC Group<sup>a</sup> and Race/Ethnicity Both Sexes, Under 20 Years of Age, 2003-2009



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

International Classification of Childhood Cancer is based on ICD-O-3. Stellarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005: Vol 103, No. 7, pg 1457-1467.

- <sup>a</sup> Excludes myelodysplastic sydromes (MDS) and benign brain tumors.
- b American Indian/Alaska Native. Survival data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- <sup>c</sup> Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Survival data for Hispanics are based on NHIA and excludes cases from the Alaska Native Registry.