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

Both Sexes

All Races			White			Black		
	Rate ^b	APC ^c	·	Rate ^b	APC°		Rate ^b	APC°
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	467.4	-0.8*	All Sites	475.3	-0.7*	All Sites	500.6	-1.1*
Prostate ^f	72.0	-0.6	Breast	70.4	-1.6*	Prostate ^f	102.9	-1.9*
Breast	68.5	-1.5*	Prostate ^f	69.8	-0.5	Lung and Bronchus	76.0	-1.7*
Lung and Bronchus	63.9	-1.4*	Lung and Bronchus	65.1	-1.3*	Breast	67.4	-0.8*
Colon and Rectum	50.6	-2.0*	Colon and Rectum	50.1	-2.2*	Colon and Rectum	61.2	-0.9
Urinary Bladder	21.2	0.0	Urinary Bladder	23.0	0.1	Pancreas	15.2	-0.7
Non-Hodgkin Lymphoma	19.5	0.2	Melanoma of the Skin	22.6	2.2*	Non-Hodgkin Lymphoma	14.9	0.4
Melanoma of the Skin	19.4	1.6*	Non-Hodgkin Lymphoma	20.3	0.3	Kidney and Renal Pelvis	14.8	1.9*
Kidney and Renal Pelvis	13.2	2.2*	Kidney and Renal Pelvis	13.7	2.3*	Urinary Bladder	12.8	0.6
Corpus and Uterus, NOSf	12.6	-1.0*	Corpus and Uterus, NOS ^f	13.1	-1.2*	Stomach	12.4	-3.4*
Leukemia	12.3	-0.8*	Leukemia	12.9	-0.8*	Corpus and Uterus, NOSf	11.7	1.5
Pancreas	11.5	0.3	Pancreas	11.4	0.5*	Myeloma	11.6	-0.5
Oral Cavity and Pharynx	10.4	-1.6*	Oral Cavity and Pharynx	10.6	-1.3*	Oral Cavity and Pharynx	10.8	-3.0*
Thyroid	9.1	5.8*	Thyroid	9.5	6.1*	Leukemia	10.1	-0.4
Stomach	8.0	-1.7*	Ovary ^{fh}	7.6	-1.6*	Liver & IBD ^g	8.0	3.9*
Ovary ^{fh}	7.3	-1.4*	Brain and ONS ^g	7.1	-0.3	Cervix Uteri ^f	6.0	-4.9*
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APCc		Rate ^b	APC ^c
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	313.5	-0.7*	All Sites	312.7	-0.4	All Sites	357.6	-0.7*
Breast	49.0	-0.4	Lung and Bronchus	46.0	0.8	Prostate ^f	60.0	-0.7
Colon and Rectum	40.9	-1.6*	Colon and Rectum	43.5	-0.4	Breast	48.4	-0.8*
Prostate ^f	40.5	-0.3	Breast	40.5	0.0	Colon and Rectum	39.2	-1.2*
Lung and Bronchus	39.1	-0.7*	Prostate ^f	32.3	-2.6	Lung and Bronchus	33.3	-2.0*
Liver & IBD ^g	14.3	0.0	Kidney and Renal Pelvis	15.8	0.9	Non-Hodgkin Lymphoma	16.7	-0.3
Stomach	13.9	-2.9*	Stomach	11.6	-1.3	Kidney and Renal Pelvis	13.0	2.8*
Non-Hodgkin Lymphoma	13.2	0.1	Non-Hodgkin Lymphoma	11.0	1.5	Stomach	12.1	-1.8*
Urinary Bladder	9.3	0.4	Liver & IBD ^g	9.9	4.6	Urinary Bladder	11.7	0.2
Pancreas	9.0	0.0	Pancreas	9.3	-0.4	Pancreas	10.6	-0.1
Corpus and Uterus, NOSf	9.0	0.8	Corpus and Uterus, NOS ^f	8.2	-1.2	Liver & IBD ^g	10.0	1.2
Thyroid	8.9	3.4*	Leukemia	7.5	-0.3	Leukemia	9.6	-0.8
Oral Cavity and Pharynx	7.8	-2.1*	Urinary Bladder	7.1	-	Corpus and Uterus, NOS ^f	9.6	0.9
Leukemia	7.3	-1.3	Oral Cavity and Pharynx	7.1	-2.8	Thyroid	8.0	4.5*
Kidney and Renal Pelvis	6.6	1.8*	Ovary ^{fh}	6.2	-3.6	Cervix Uteri ^f	6.8	-3.8*
Ovary ^{fh}	5.3	-0.1	Thyroid	5.9	2.2	Ovary ^{fh}	6.4	-0.5

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- a Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.
- Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups Census P25-1130).
- d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
 Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.
- The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- h Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- * The APC is significantly different from zero (p<.05).

Pancreas

Leukemia

Thyroid

Myeloma

Esophagus

Brain and ONSf

Oral Cavity and Pharynx

Kidney and Renal Pelvis

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

Males

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	549.3	-1.0*	All Sites	551.4	-0.9*	All Sites	651.5	-1.9*
Prostate	163.0	-1.1	Prostate	156.7	-1.1	Prostate	248.5	-2.2*
Lung and Bronchus	79.4	-2.2*	Lung and Bronchus	79.3	-2.1*	Lung and Bronchus	107.6	-3.2*
Colon and Rectum	59.2	-2.4*	Colon and Rectum	58.9	-2.6*	Colon and Rectum	71.2	-0.8
Urinary Bladder	37.3	-0.1	Urinary Bladder	40.6	-0.1	Kidney and Renal Pelvis	21.3	2.8*
Melanoma of the Skin	24.6	1.7*	Melanoma of the Skin	28.5	2.2*	Urinary Bladder	20.4	0.5
Non-Hodgkin Lymphoma	23.5	-0.1	Non-Hodgkin Lymphoma	24.3	0.0	Non-Hodgkin Lymphoma	18.4	-0.1
Kidney and Renal Pelvis	18.3	1.9*	Kidney and Renal Pelvis	18.8	2.0*	Stomach	17.4	-3.6*
Leukemia	16.0	-1.1*	Leukemia	16.7	-1.0*	Oral Cavity and Pharynx	17.2	-3.9*
Oral Cavity and Pharynx	15.5	-1.7*	Oral Cavity and Pharynx	15.7	-1.3*	Pancreas	16.2	-1.3
Pancreas	13.0	0.2	Pancreas	13.0	0.3	Myeloma	14.4	0.2
Stomach	11.3	-2.2*	Stomach	10.0	-2.3*	Liver & IBD ^f	13.2	4.3*
Liver & IBD ^f	9.9	2.2*	Brain and ONS ^f	8.4	-0.6	Leukemia	13.0	-1.2
Esophagus	7.8	-0.1	Liver & IBD ^f	8.2	2.2*	Larynx	10.9	-3.4*
Brain and ONS ^f	7.6	-0.8*	Esophagus	8.0	0.9	Esophagus	9.9	-5.3*
Myeloma	7.0	-0.6	Myeloma	6.6	-0.7	Brain and ONS ^f	4.7	-0.4
Asian/Pacific Islander		American Indian/Alaska Native ^d			Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	354.0	-0.9*	All Sites	336.6	-1.3	All Sites	419.4	-1.1*
Prostate	93.8	-0.2	Prostate	73.3	-2.8	Prostate	138.0	-1.2
Lung and Bronchus	53.9	-1.2*	Lung and Bronchus	54.3	-2.2	Colon and Rectum	47.3	-1.8*
Colon and Rectum	48.0	-2.2*	Colon and Rectum	46.0	-0.7	Lung and Bronchus	44.2	-2.3*
Liver & IBD ^f	21.7	-0.2	Kidney and Renal Pelvis	19.5	-0.7	Urinary Bladder	20.2	0.1
Stomach	18.6	-2.7*	Stomach	16.8	-	Non-Hodgkin Lymphoma	19.2	-0.6
Urinary Bladder	16.3	0.9	Liver & IBD ^f	14.4	-	Kidney and Renal Pelvis	17.4	3.2*
Non-Hodgkin Lymphoma	16.0	-0.1	Non-Hodgkin Lymphoma	13.3	_	Stomach	15.5	-2.9*

12.4

10.9

9.7

7.9

7.1

4.6

4.2

4.0

Leukemia

Pancreas

Mveloma

Larynx

Esophagus

Liver & IBDf

Brain and ONSf

Oral Cavity and Pharynx

15.0

11.7

10.9

9.4

6.8

6.2

5.5

5.1

1.4

-0.9

-0.2

-2.1*

-0.6

2.4

-1.0

-3.3*

Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.

Oral Cavity and Pharynx

Urinary Bladder

Pancreas

Leukemia

Esophagus

Brain and ONSf

Myeloma

Testis

- 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 and Kentucky.
- f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- The APC is significantly different from zero (p<.05).

10.5

10.1

9.1

9.1

4.1

4.0

4.0

3.8

-2.8*

0.2

-1.8

1.1

1.7

-3.2*

-1.2

-2.4*

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.

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

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

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

Females

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	411.0	-0.7*	All Sites	423.6	-0.6*	All Sites	398.9	-0.4*
Breast	126.1	-1.4*	Breast	130.6	-1.4*	Breast	117.5	-0.7*
Lung and Bronchus	52.6	-0.5*	Lung and Bronchus	54.9	-0.6*	Lung and Bronchus	54.6	0.4
Colon and Rectum	43.8	-1.7*	Colon and Rectum	43.2	-1.9*	Colon and Rectum	54.5	-0.9*
Corpus and Uterus, NOS	23.4	-0.7*	Corpus and Uterus, NOS	24.3	-0.9*	Corpus and Uterus, NOS	20.3	1.6*
Non-Hodgkin Lymphoma	16.3	0.7	Melanoma of the Skin	18.5	2.3*	Pancreas	14.3	-0.2
Melanoma of the Skin	15.6	1.6*	Non-Hodgkin Lymphoma	17.1	0.8*	Non-Hodgkin Lymphoma	12.1	1.0
Thyroid	13.4	6.1*	Thyroid	14.1	6.4*	Cervix Uteri	10.8	-4.8*
Ovary ^g	13.3	-1.2*	Ovary ^g	14.1	-1.4*	Ovary ^g	10.1	0.5
Pancreas	10.3	0.4	Pancreas	10.0	0.6	Kidney and Renal Pelvis	10.1	0.4
Leukemia	9.5	-0.8	Urinary Bladder	10.0	-0.2	Myeloma	9.8	-1.2
Urinary Bladder	9.4	-0.3	Leukemia	9.9	-0.9	Stomach	8.9	-3.1*
Kidney and Renal Pelvis	9.2	2.3*	Kidney and Renal Pelvis	9.5	2.5*	Leukemia	8.0	0.1
Cervix Uteri	8.4	-3.6*	Cervix Uteri	8.2	-3.0*	Thyroid	8.0	6.5*
Oral Cavity and Pharynx	6.1	-1.6*	Oral Cavity and Pharynx	6.1	-1.8*	Urinary Bladder	7.7	0.4
Stomach	5.5	-1.2*	Brain and ONSf	6.0	0.0	Oral Cavity and Pharynx	5.9	-1.1
						•		
Asian/Pacific Islander			American Indian/Alaska Natived			Hispanic ^e		
	Rateb	APC ^c		Rateb	APC ^c		Rateb	APC ^c
	2001-2005	1996-2005		2001-2005	1996-2005		2001-2005	1996-2005
All Sites	287.8	-0.3	All Sites	296.4	0.4	All Sites	317.8	-0.4
Breast	89.6	-0.5	Breast	75.0	0.1	Breast	90.1	-0.6
Colon and Rectum	35.4	-0.9	Colon and Rectum	41.2	0.2	Colon and Rectum	32.8	-0.8*
Lung and Bronchus	28.0	0.4	Lung and Bronchus	39.7	5.1*	Lung and Bronchus	25.4	-1.7*
Corpus and Uterus, NOS	16.5	0.8	Corpus and Uterus, NOS	15.3	-1.1	Corpus and Uterus, NOS	17.8	1.2
Thyroid	13.3	3.9*	Kidney and Renal Pelvis	12.7	-	Non-Hodgkin Lymphoma	14.6	0.2
Non-Hodgkin Lymphoma	11.1	0.7	Ovary ^g	11.3	-3.5	Cervix Uteri	13.2	-3.5*
Stomach	10.5	-2.9*	Non-Hodgkin Lymphoma	9.3	-	Thyroid	12.5	5.1*
Ovary ^g	9.8	-0.2	Thyroid	8.8	0.9	Ovary ^g	11.7	-0.2
Liver & IBD ^f	8.3	0.7	Pancreas	8.2	-	Pancreas	10.3	-0.2
Pancreas	8.2	-0.3	Stomach	7.7	-	Kidney and Renal Pelvis	9.6	1.8*
Cervix Uteri	8.0	-5.7*	Leukemia	6.9	-	Stomach	9.5	-0.7
Leukemia	5.9	-0.6	Cervix Uteri	6.9	-3.6	Leukemia	8.0	-0.8
Oral Cavity and Pharynx	5.4	-0.9	Liver & IBD ^f	6.3	_	Liver & IBD ^f	5.8	0.1
Kidney and Renal Pelvis	4.6	3.2*	Myeloma	5.1	_	Urinary Bladder	5.5	0.0
Urinary Bladder	4.1	-0.1	Oral Cavity and Pharynx	4.9	-	Melanoma of the Skin	4.9	-0.1

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

Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.

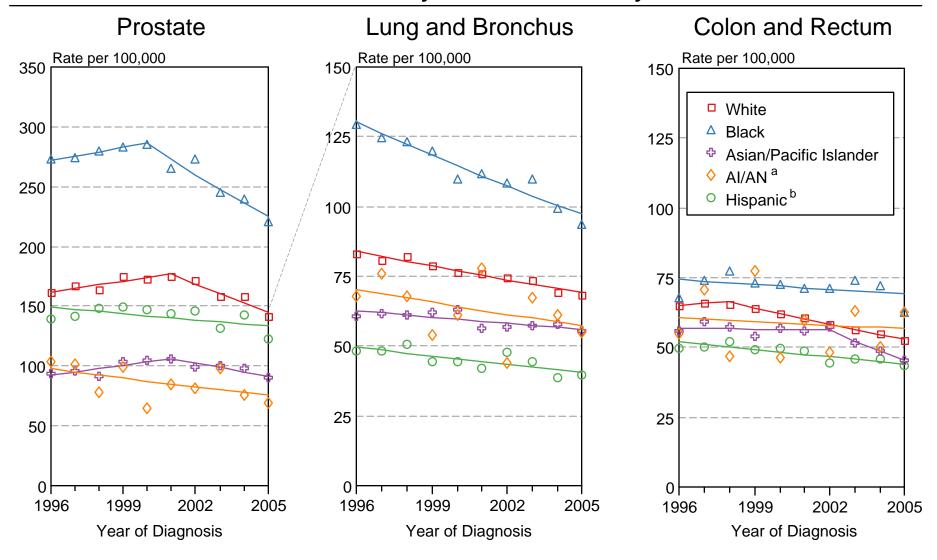
The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends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

- 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 and Kentucky.
- f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- g Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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

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

SEER Incidence 1996-2005 Males by Race/Ethnicity



Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

SEER Incidence 1996-2005 Females by Race/Ethnicity

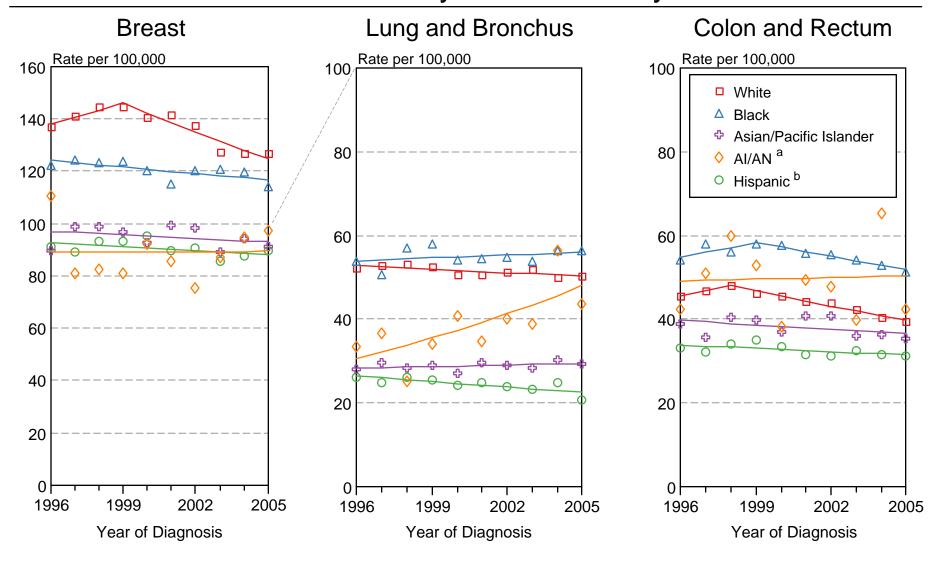


Figure I-14

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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