

Table 47. Age-adjusted cancer incidence rates for selected cancer sites, by sex, race, and Hispanic origin: United States, selected geographic areas, selected years 1990-2009

(Data are based on the Surveillance, Epidemiology, and End Results (SEER) Program's 13 population-based cancer registries)

Site, sex, race, and Hispanic origin	1990	1995	2000	2002	2005	2007	2008	2009	1990-2009 APC ¹
All sites									
Number of new cases per 100,000 population ²									
All persons.....	475.6	470.9	474.1	473.0	457.8	463.7	455.9	450.9	^-0.4
White.....	483.3	477.5	485.5	483.4	468.7	472.7	464.4	457.5	^-0.4
Black or African American.....	513.2	535.1	519.5	519.6	495.8	500.4	492.4	487.0	^-0.6
American Indian or Alaska Native ³ ...	347.9	368.1	362.1	353.2	400.1	366.3	383.2	386.9	0.3
Asian or Pacific Islander.....	334.2	336.8	336.5	344.0	331.6	338.7	332.0	324.6	^-0.3
Hispanic or Latino ⁴	357.3	359.7	360.7	368.6	360.0	355.0	349.5	343.6	^-0.3
White, not Hispanic or Latino ⁴	495.0	491.3	503.4	501.1	487.2	493.9	485.5	479.4	^-0.2
Male.....	583.9	564.1	564.1	557.0	531.5	543.5	523.1	511.2	^-0.9
White.....	591.0	563.5	569.1	562.4	538.7	547.9	526.6	513.3	^-0.9
Black or African American.....	686.4	736.1	698.9	685.0	627.6	640.5	629.9	604.5	^-1.2
American Indian or Alaska Native ³ ...	394.5	421.6	373.0	378.8	421.8	400.2	416.6	429.2	-0.2
Asian or Pacific Islander.....	385.2	395.2	393.9	386.4	369.1	376.4	358.0	344.0	^-0.8
Hispanic or Latino ⁴	416.2	439.1	432.4	434.1	412.6	407.9	392.7	385.1	^-0.7
White, not Hispanic or Latino ⁴	606.6	577.5	588.5	581.0	558.5	572.0	550.4	537.1	^-0.8
Female.....	411.3	410.3	413.3	416.2	407.6	407.6	409.7	409.8	-0.1
White.....	421.4	423.4	430.1	430.7	421.7	420.3	422.3	420.2	0.0
Black or African American.....	404.4	400.7	398.7	409.9	407.9	406.0	399.3	408.3	0.0
American Indian or Alaska Native ³ ...	316.5	334.0	360.6	333.1	385.5	346.5	365.4	361.0	^0.8
Asian or Pacific Islander.....	294.1	293.9	297.1	317.5	308.5	315.4	318.1	316.2	^0.4
Hispanic or Latina ⁴	325.8	311.3	318.5	328.6	327.8	322.9	324.6	319.3	0.1
White, not Hispanic or Latina ⁴	430.3	436.7	446.0	447.1	438.5	438.0	440.5	439.8	0.1
Lung and bronchus									
Male.....	95.0	86.9	77.7	75.6	71.4	68.7	66.7	64.9	^-2.0
White.....	94.2	85.0	76.4	74.9	70.6	68.0	65.3	63.9	^-2.0
Black or African American.....	133.9	136.7	110.6	108.9	98.3	94.4	95.6	91.5	^-2.3
American Indian or Alaska Native ³ ...	74.9	83.0	62.8	46.2	67.0	60.3	68.0	58.0	-0.9
Asian or Pacific Islander.....	64.2	60.0	63.2	57.7	57.9	55.1	55.5	52.0	^-1.0
Hispanic or Latino ⁴	59.3	52.3	45.3	48.1	42.4	42.1	37.7	35.7	^-2.1
White, not Hispanic or Latino ⁴	97.5	88.4	80.3	78.4	74.7	72.0	69.6	68.4	^-1.8
Female.....	47.2	49.3	48.6	49.4	49.7	48.9	47.4	47.5	0.0
White.....	48.5	51.8	50.8	51.6	51.6	51.4	49.7	49.2	0.0
Black or African American.....	52.9	49.7	54.6	55.0	57.4	53.8	52.5	54.2	0.2
American Indian or Alaska Native ³ ...	*	46.2	38.7	39.7	45.3	34.4	44.9	33.1	^1.6
Asian or Pacific Islander.....	28.3	27.1	27.2	29.3	30.9	28.6	27.8	30.7	^0.4
Hispanic or Latina ⁴	26.4	25.1	24.1	24.9	23.7	25.0	24.3	25.1	^-0.5
White, not Hispanic or Latina ⁴	50.8	54.9	54.4	55.5	56.0	55.8	54.0	53.4	0.2
Colon and rectum									
Male.....	72.3	63.2	62.6	60.0	54.4	52.7	51.2	48.3	^-1.8
White.....	73.0	62.5	62.2	58.9	53.9	51.3	49.9	46.5	^-2.0
Black or African American.....	72.7	74.5	72.7	72.6	66.4	66.6	65.7	60.4	^-0.9
American Indian or Alaska Native ³ ...	62.0	65.3	48.2	49.7	65.6	52.1	48.6	63.1	-0.5
Asian or Pacific Islander.....	60.8	58.2	57.3	58.4	47.4	49.1	46.9	46.3	^-1.4
Hispanic or Latino ⁴	47.3	45.7	50.1	45.1	45.6	44.0	45.5	42.9	^-0.6

White, not Hispanic or Latino ⁴	75.1	64.0	63.6	60.4	54.9	52.2	50.5	47.0	^-2.1
Female.....	50.2	45.9	46.0	45.1	41.2	39.9	39.3	37.7	^-1.3
White.....	49.7	45.5	45.6	44.1	40.0	38.8	38.4	36.0	^-1.4
Black or African American.....	61.1	54.7	57.8	55.9	53.3	51.6	47.9	49.7	^-0.8
American Indian or Alaska Native ³ ...	45.9	46.7	39.2	49.6	47.6	43.8	46.8	43.5	0.2
Asian or Pacific Islander.....	37.7	38.4	37.2	41.6	37.2	35.6	35.6	34.8	^-0.7
Hispanic or Latina ⁴	34.9	32.1	34.2	31.8	33.1	34.0	31.6	30.8	^-0.3
White, not Hispanic or Latina ⁴	50.8	46.7	46.8	45.5	41.0	39.3	39.5	36.8	^-1.4

Prostate

Male.....	166.8	166.3	178.4	177.6	153.3	166.1	151.2	146.7	^-1.4
White.....	168.4	161.3	174.5	174.1	148.6	159.7	145.6	140.0	^-1.6
Black or African American.....	218.9	275.9	287.8	278.8	237.9	250.6	234.5	229.0	^-1.3
American Indian or Alaska Native ³ ...	99.6	92.6	69.8	92.4	92.0	91.7	79.4	91.3	^-1.5
Asian or Pacific Islander.....	88.4	103.5	106.0	102.6	95.0	98.8	86.6	82.0	^-1.1
Hispanic or Latino ⁴	118.7	140.2	148.5	149.0	128.9	127.4	120.7	116.8	^-1.1
White, not Hispanic or Latino ⁴	172.1	163.7	178.5	177.6	151.7	165.7	150.6	145.0	^-1.5

Breast

Female.....	129.3	130.8	134.0	132.7	124.1	125.6	125.9	127.2	-0.3
White.....	134.3	136.4	140.8	138.7	129.2	129.2	128.7	130.3	^-0.3
Black or African American.....	116.7	122.3	120.5	122.2	117.0	124.5	123.4	126.0	0.2
American Indian or Alaska Native ³ ...	69.9	94.5	98.8	79.3	106.1	91.7	90.5	99.6	0.5
Asian or Pacific Islander.....	87.5	86.6	93.4	100.3	95.5	101.3	104.9	102.0	^0.9
Hispanic or Latina ⁴	91.8	90.1	96.9	94.0	93.4	91.7	93.7	91.4	0.1
White, not Hispanic or Latina ⁴	138.5	141.9	147.2	145.7	135.7	136.0	135.2	138.0	-0.2

Cervix uteri

Female.....	11.9	9.9	8.9	8.4	7.9	7.4	7.5	7.4	^-2.5
White.....	11.2	9.2	8.9	8.3	7.7	7.3	7.4	7.4	^-2.2
Black or African American.....	16.4	14.7	10.6	10.0	9.1	8.2	9.0	7.9	^-3.8
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	12.1	11.0	7.9	8.2	8.0	7.1	6.4	7.0	^-3.8
Hispanic or Latina ⁴	21.4	17.4	17.1	14.7	13.9	10.9	11.9	10.4	^-3.6
White, not Hispanic or Latina ⁴	9.7	7.8	7.1	6.9	6.3	6.4	6.3	6.5	^-2.2

Corpus and uterus, not otherwise specified

Female.....	24.7	24.9	23.8	24.0	24.1	24.5	25.3	26.5	0.1
White.....	26.4	26.4	25.6	24.8	25.4	25.3	26.1	27.1	-0.1
Black or African American.....	16.9	17.7	17.2	22.0	21.3	22.9	23.6	25.4	^2.0
American Indian or Alaska Native ³ ...	*	*	*	18.8	*	22.0	19.8	30.2	*
Asian or Pacific Islander.....	13.5	17.7	16.5	19.0	19.2	19.8	20.8	21.6	^1.8
Hispanic or Latina ⁴	18.0	16.5	16.2	17.7	19.6	19.2	19.4	21.1	^1.0
White, not Hispanic or Latina ⁴	27.0	27.5	26.8	25.7	26.1	26.2	27.2	28.0	-0.1

Ovary

Female.....	15.5	14.6	14.2	13.9	13.1	13.0	12.8	12.4	^-1.0
White.....	16.4	15.4	15.1	14.7	13.8	13.6	13.5	13.1	^-1.1
Black or African American.....	11.3	10.9	10.7	9.8	10.5	11.3	9.9	9.8	-0.4
American Indian or Alaska Native ³ ...	*	*	19.0	*	*	*	*	16.8	*
Asian or Pacific Islander.....	11.2	10.4	10.2	12.1	11.0	10.6	10.2	9.7	-0.1
Hispanic or Latina ⁴	12.3	11.7	10.9	13.9	11.8	11.2	12.0	10.0	-0.5
White, not Hispanic or Latina ⁴	16.7	15.9	15.6	14.6	14.0	14.0	13.7	13.5	^-1.1

Oral cavity and pharynx

Male.....	18.5	16.5	15.8	15.7	15.0	15.3	15.7	15.6	^-1.0
White.....	18.0	16.3	15.6	15.8	15.3	15.6	16.1	16.0	^-0.7
Black or African American.....	25.4	22.3	19.3	17.9	15.8	16.0	14.4	14.6	^-2.8
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	14.8	11.7	13.2	12.8	11.5	11.2	12.8	11.5	^-1.0
Hispanic or Latino ⁴	10.8	12.3	9.0	9.4	9.3	8.9	9.9	10.7	^-1.1
White, not Hispanic or Latino ⁴	18.8	16.9	16.7	16.9	16.4	17.0	17.3	17.1	^-0.5

Female.....	7.3	7.0	6.2	6.5	6.1	6.0	6.2	6.0	^-1.0
White.....	7.4	7.1	6.2	6.5	6.0	6.1	6.3	6.0	^-1.1
Black or African American.....	6.4	6.6	5.3	6.3	6.8	5.5	4.9	6.1	^-1.1
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	6.1	5.2	6.1	6.0	6.0	5.2	5.8	4.6	^-0.9
Hispanic or Latina ⁴	4.1	3.7	3.7	3.7	3.4	4.1	4.4	4.1	-0.5
White, not Hispanic or Latina ⁴	7.8	7.6	6.6	7.1	6.4	6.5	6.6	6.4	^-1.0

Stomach

Male.....	14.6	13.5	12.6	12.0	11.4	11.4	10.5	11.1	^-1.7
White.....	12.8	11.9	10.7	10.4	9.6	9.7	9.2	9.7	^-1.7
Black or African American.....	21.4	18.6	18.4	15.8	17.4	17.5	16.7	15.1	^-2.0
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	26.8	24.5	22.7	20.4	20.0	18.1	15.6	17.1	^-2.7
Hispanic or Latino ⁴	20.2	19.4	16.0	16.1	15.0	16.7	14.9	15.0	^-1.8
White, not Hispanic or Latino ⁴	12.1	11.1	10.0	9.6	8.7	8.5	8.1	8.7	^-2.0

Stomach

Female.....	6.7	6.2	6.1	6.2	5.7	5.6	5.5	5.7	^-0.9
White.....	5.7	5.1	5.0	5.1	4.7	4.5	4.5	4.4	^-1.1
Black or African American.....	9.9	9.8	8.6	9.9	8.0	7.7	8.0	8.8	^-1.2
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	15.4	13.0	12.9	11.3	10.5	10.6	10.0	10.6	^-2.4
Hispanic or Latina ⁴	10.8	11.3	10.8	10.6	10.3	9.4	8.5	8.1	^-1.1
White, not Hispanic or Latina ⁴	5.1	4.4	4.2	4.2	3.7	3.5	3.6	3.7	^-1.8

Pancreas

Male.....	13.0	12.7	12.8	12.8	13.6	13.9	13.8	13.8	^0.5
White.....	12.7	12.4	12.6	13.0	13.4	13.8	13.6	13.8	^0.6
Black or African American.....	19.3	19.1	18.1	13.7	18.2	16.6	18.5	18.2	-0.4
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	11.0	10.3	10.7	9.8	11.7	11.9	11.7	10.4	0.0
Hispanic or Latino ⁴	10.7	12.0	12.2	10.7	11.8	11.4	11.0	12.7	0.7
White, not Hispanic or Latino ⁴	12.8	12.4	12.7	13.3	13.5	14.2	14.0	13.9	^0.7

Female.....	10.0	9.9	9.9	10.4	10.8	10.6	10.8	10.9	^0.5
White.....	9.7	9.6	9.6	10.1	10.5	10.4	10.5	10.7	^0.5
Black or African American.....	12.9	15.5	12.6	15.8	16.2	14.5	15.1	14.4	-0.1
American Indian or Alaska Native ³ ...	*	*	20.5	*	*	*	*	*	*
Asian or Pacific Islander.....	9.9	8.1	9.2	8.9	8.1	8.9	9.1	9.6	^0.8
Hispanic or Latina ⁴	9.9	8.9	9.2	10.8	11.4	10.6	9.5	9.2	0.0
White, not Hispanic or Latina ⁴	9.7	9.7	9.6	10.0	10.4	10.3	10.7	11.0	^0.6

Urinary bladder

Male.....	37.2	35.4	36.8	35.7	36.8	37.1	35.2	34.4	-0.2
White.....	40.7	38.9	40.8	39.3	40.6	41.0	38.5	37.5	-0.1
Black or African American.....	19.5	19.3	20.2	20.5	22.7	21.6	22.5	21.3	0.5
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	15.4	16.4	16.5	19.4	17.0	17.9	18.1	17.1	^1.0
Hispanic or Latino ⁴	22.1	17.8	20.3	20.5	19.3	19.7	16.1	17.4	^-0.7
White, not Hispanic or Latino ⁴	42.4	41.0	43.2	41.7	43.5	44.2	41.9	40.7	0.1
Female.....	9.5	9.3	9.1	9.1	8.9	8.5	8.7	8.3	^-0.5
White.....	10.0	10.1	9.9	10.1	9.6	9.3	9.5	9.0	^-0.4
Black or African American.....	8.6	7.2	7.7	8.5	7.7	7.5	6.3	6.7	-0.3
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	5.3	4.4	4.1	3.2	5.1	3.8	5.0	3.7	-0.3
Hispanic or Latina ⁴	6.0	5.3	5.7	6.4	6.2	5.2	5.4	4.6	-0.6
White, not Hispanic or Latina ⁴	10.3	10.6	10.5	10.6	10.1	10.0	10.2	9.7	-0.2

Non-Hodgkin's lymphoma

Male.....	22.6	25.0	23.5	23.8	24.4	24.7	24.4	24.2	0.2
White.....	23.6	26.2	24.9	25.0	25.6	26.3	25.5	25.2	^0.2
Black or African American.....	17.4	21.4	17.5	18.0	19.3	17.5	18.0	18.8	0.0
American Indian or Alaska Native ³ ...	*	*	*	*	23.3	*	*	20.2	*
Asian or Pacific Islander.....	16.7	16.5	15.9	16.3	17.9	16.7	17.8	16.7	0.1
Hispanic or Latino ⁴	17.3	21.0	20.3	20.2	19.1	20.1	20.2	18.8	0.1
White, not Hispanic or Latino ⁴	24.3	26.7	25.4	25.7	26.7	27.4	26.4	26.4	^0.4
Female.....	14.5	15.2	16.0	16.4	16.3	16.6	16.4	16.6	^0.8
White.....	15.4	16.0	16.9	17.4	17.5	17.5	17.1	17.5	^0.8
Black or African American.....	10.3	10.1	11.7	11.7	13.0	13.0	12.8	11.9	^1.6
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	9.1	11.8	11.4	12.2	9.7	11.6	12.3	11.6	0.7
Hispanic or Latina ⁴	13.8	13.2	13.6	13.9	15.1	14.6	14.6	17.0	^1.1
White, not Hispanic or Latina ⁴	15.6	16.2	17.3	18.0	17.8	18.1	17.4	17.6	^0.9

Leukemia

Male.....	17.1	17.6	16.9	16.9	16.9	16.7	16.5	16.1	^-0.2
White.....	18.0	18.9	18.0	18.3	18.3	18.1	17.4	16.9	-0.2
Black or African American.....	16.0	13.3	13.8	12.6	12.4	13.0	13.6	13.4	-0.1
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	8.5	10.0	10.3	9.3	9.1	9.3	9.8	9.1	-0.4
Hispanic or Latino ⁴	12.1	14.6	12.9	12.1	12.7	11.2	11.6	11.3	-0.2
White, not Hispanic or Latino ⁴	18.2	19.2	18.5	18.9	18.7	18.8	17.9	17.7	-0.1
Female.....	9.9	10.2	10.3	9.9	9.8	9.7	10.3	9.5	0.0
White.....	10.3	10.8	10.9	10.7	10.2	10.4	10.7	9.9	0.0
Black or African American.....	8.5	8.2	9.7	7.4	9.1	7.5	7.4	7.3	-0.5
American Indian or Alaska Native ³ ...	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander.....	5.7	6.3	6.3	6.3	6.4	6.1	7.0	6.7	0.2
Hispanic or Latina ⁴	8.6	8.2	7.8	8.5	8.3	7.7	9.3	8.0	0.2
White, not Hispanic or Latina ⁴	10.2	11.0	10.9	10.7	10.2	10.7	10.7	10.0	0.1

^Annual percent change (APC) is significantly different from 0 (p<0.05).

0.0 APC is greater than -0.05 but less than 0.05.

*Estimate not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

¹APC has been calculated by fitting a linear regression model to the natural logarithm of the yearly rates from 1990-2009.

²Age-adjusted by 5-year age groups to the year 2000 U.S. standard population. Age-adjusted rates are based on at least 25 cases. See Appendix II, Age adjustment.

³Starting with Health, United States, 2007, estimates for American Indian or Alaska Native population are based on the Contract Health Service Delivery Area (CHSDA) counties within SEER areas.

⁴Starting with Health, United States, 2007, Hispanic data exclude cases from Alaska.

The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race.

The North American Association of Central Cancer Registries (NAACCR) Hispanic Identification Algorithm was used on a combination of variables to classify cases as Hispanic for analytic purposes.

See the report, NAACCR Guideline for Enhancing Hispanic-Latino Identification, for more information;

available from: http://seer.cancer.gov/seerstat/variables/seer/yr1973_2006/race_ethnicity/.

See Appendix II, Hispanic origin.

NOTES: See Appendix II, Incidence. Estimates are based on 13 SEER areas, November 2011 submission and differ from published estimates based on 9 SEER areas or other submission dates.

See Appendix I, Surveillance, Epidemiology, and End Results Program (SEER). The site variable distinguishes

Kaposi Sarcoma and Mesothelioma as individual cancer sites. As a result, Kaposi Sarcoma and

Mesothelioma cases do not contribute to other cancer sites.

Data have been revised and differ from previous editions of *Health, United States*.

Data for additional years are available. See Appendix III.

SOURCE: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program.

Available from: <http://www.seer.cancer.gov>.

See Appendix I, Surveillance, Epidemiology, and End Results Program (SEER).

Health, United States 2011 web updates