

Table VI-1
COLON AND RECTUM CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INCIDENCE TRENDS (expressed in percents):</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	-9.1	-7.1	-12.0	-11.1	-9.8	-13.7	12.5	17.7	8.6
Est. Annual PC (EAPC)	-0.4*	-0.2	-0.7*	-0.5*	-0.3	-0.8*	0.6*	0.9*	0.3
Under 65									
Percent Change (PC)	-10.7	-3.6	-18.6	-14.7	-8.9	-21.6	10.8	26.9	-2.2
Est. Annual PC (EAPC)	-0.5*	-0.1	-1.0*	-0.7*	-0.3	-1.2*	0.7*	1.0*	0.4
65 and over									
Percent Change (PC)	-8.1	-8.8	-8.1	-9.1	-10.3	-9.0	13.6	12.0	16.3
Est. Annual PC (EAPC)	-0.3*	-0.2	-0.5*	-0.4*	-0.3	-0.5*	0.5*	0.9*	0.3
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	2.3	3.7	1.3	2.2	3.9	0.7	7.1	4.9	10.9
Est. Annual PC (EAPC)	0.9	1.5	0.3	0.8	1.5	0.2	1.7	1.4	2.3
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-6.6	-8.4	-5.1	-6.9	-9.0	-5.2	-9.3	-14.8	-4.6
Est. Annual PC (EAPC)	-2.1*♦	-2.7*♦	-1.8*♦	-2.3*♦	-2.9*♦	-1.8*♦	-3.2*♦	-5.0*♦	-1.8
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	-22.6	-17.9	-27.6	-24.9	-20.4	-30.0	8.1	20.3	-0.9
Est. Annual PC (EAPC)	-1.2*	-0.9*	-1.5*	-1.3*	-1.0*	-1.7*	0.4*	0.9*	0.0
Under 65									
Percent Change (PC)	-26.9	-19.4	-35.0	-29.7	-22.5	-38.0	-2.2	13.6	-15.1
Est. Annual PC (EAPC)	-1.4*	-1.0*	-2.0*	-1.6*	-1.1*	-2.2*	0.0	0.6*	-0.7*
65 and over									
Percent Change (PC)	-20.6	-17.2	-23.9	-22.7	-19.5	-26.2	14.2	24.0	8.2
Est. Annual PC (EAPC)	-1.1*	-0.9*	-1.3*	-1.2*	-1.0*	-1.5*	0.6*	1.0*	0.3*
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-0.4	1.2	-1.8	-0.6	1.1	-2.1	1.2	1.6	1.1
Est. Annual PC (EAPC)	-0.1	0.4	-0.6	-0.2	0.4	-0.7	0.7	0.7	0.7
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-4.9	-5.6	-4.6	-5.3	-6.1	-5.0	-1.3	-1.5	-1.6
Est. Annual PC (EAPC)	-1.7*♦	-2.0*♦	-1.6*♦	-1.8*♦	-2.2*♦	-1.7*♦	-0.5	-0.7♦	-0.5

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.
 SEER Program.
 NCHS public use tape.
 The EAPC is significantly different from zero ($p < .05$).
 The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .05$).
 The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .10$).
 † Statistic could not be calculated.

Table VI-2
COLON CANCER (Invasive) AND RECTUM CANCER (Invasive)
TRENDS IN SEER INCIDENCE, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INCIDENCE TRENDS FOR COLON (expressed in percents)§:</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	-5.1	-1.5	-9.5	-7.3	-3.9	-11.9	19.3	18.1	21.0
Est. Annual PC (EAPC)	-0.2	0.1	-0.5★	-0.3	0.0	-0.7★	0.8★	1.0★	0.6★
Under 65									
Percent Change (PC)	-9.3	1.7	-19.6	-13.7	-2.8	-24.2	17.0	25.5	10.6
Est. Annual PC (EAPC)	-0.4★	0.1	-1.0★	-0.7★	-0.1	-1.3★	0.9★	1.1★	0.7★
65 and over									
Percent Change (PC)	-3.0	-2.9	-3.9	-4.2	-4.3	-5.1	20.7	14.0	28.0
Est. Annual PC (EAPC)	-0.1	0.1	-0.3	-0.1	0.1	-0.3	0.8★	1.0★	0.6
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	3.1	5.8	0.9	2.9	6.1	0.2	8.0	5.4	11.8
Est. Annual PC (EAPC)	1.1	2.1	0.3	1.0	2.1★	0.1	2.0	1.5	2.8
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-7.1	-9.5	-5.2	-7.3	-9.8	-5.3	-10.3	-16.8	-5.0
Est. Annual PC (EAPC)	-2.4★◆	-3.0★◆	-2.0★◆	-2.5★◆	-3.1★◆	-2.1★◇	-3.6★◆	-5.9★◇	-1.9
<u>INCIDENCE TRENDS FOR RECTUM (expressed in percents)§:</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	-17.6	-17.5	-18.6	-19.3	-20.8	-18.4	-5.3	16.4	-22.6
Est. Annual PC (EAPC)	-0.9★	-0.8★	-1.1★	-1.0★	-0.9★	-1.1★	0.0	0.6	-0.6
Under 65									
Percent Change (PC)	-13.4	-11.5	-16.3	-16.6	-17.9	-15.5	-3.1	30.3	-31.1
Est. Annual PC (EAPC)	-0.6★	-0.4★	-0.9★	-0.8★	-0.6★	-1.0★	0.2	0.8★	-0.4
65 and over									
Percent Change (PC)	-20.5	-21.2	-20.2	-21.1	-22.6	-20.4	-7.1	5.7	-15.7
Est. Annual PC (EAPC)	-1.1★	-1.0★	-1.2★	-1.1★	-1.1★	-1.2★	-0.3	0.4	-0.8
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	0.5	-0.5	2.1	0.8	-0.2	2.2	4.2	3.5	7.7
Est. Annual PC (EAPC)	0.3	0.2	0.5	0.3	0.2	0.6	0.6	1.2	0.8
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-5.1	-5.8	-4.8	-5.9	-7.1	-4.7	-5.6	-8.7	-3.2
Est. Annual PC (EAPC)	-1.5	-1.8	-1.3	-1.8◇	-2.3◇	-1.2	-1.9	-2.4	-1.6

§ The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.
 SEER Program.

★ The EAPC is significantly different from zero ($p < .05$).

◆ The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .05$).

◇ The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .10$).

- Statistic could not be calculated.

Table VI-3
 COLON AND RECTUM CANCER (Invasive)

SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	46.4	53.1	41.6	46.9	54.2	41.7	42.4	42.8	41.8
1974	47.7	56.2	41.6	48.4	57.4	41.9	41.3	46.8	37.5
1975	47.4	54.1	42.7	47.8	55.1	42.9	45.4	47.6	43.5
1976	49.1	57.3	43.2	49.6	57.8	43.8	44.4	48.9	40.3
1977	49.5	58.0	43.5	50.0	58.7	43.9	48.0	58.1	41.4
1978	49.4	57.2	43.9	49.9	58.4	44.1	49.4	51.3	48.5
1979	49.3	58.3	43.0	49.6	58.9	43.2	46.8	50.0	44.5
1980	50.4	58.7	44.5	50.4	58.7	44.7	55.7	63.7	49.6
1981	50.9	59.8	44.5	51.2	60.3	44.9	50.4	58.2	44.9
1982	49.7	59.2	42.9	50.1	60.0	43.3	48.9	55.1	44.5
1983	50.4	59.9	43.6	50.8	60.5	43.8	53.9	61.0	49.3
1984	51.5	61.6	44.2	52.2	62.9	44.6	49.9	54.8	47.1
1985	52.8	63.0	45.3	53.3	63.5	46.0	52.1	60.8	45.8
1986	51.2	61.9	43.3	51.2	62.4	43.1	52.9	59.8	47.8
1987	49.8	61.2	41.5	49.7	61.4	41.3	53.2	61.1	47.9
1988	48.6	59.5	40.6	48.6	59.8	40.3	50.9	58.1	45.9
1989	48.8	59.4	41.1	48.8	59.3	41.1	52.8	64.4	44.9
1990	48.3	58.9	40.5	48.2	59.1	40.2	52.4	58.1	48.6
1991	47.3	58.0	39.3	47.0	58.0	38.9	52.8	62.1	46.1
1992	46.4	56.3	38.9	46.2	56.4	38.4	52.1	61.8	45.8
1993	45.3	54.5	38.2	44.9	54.2	37.7	51.7	62.0	44.4
1994	44.3	53.1	37.6	44.0	52.9	36.9	51.7	59.6	46.5
1995	42.9	50.5	37.0	42.5	49.9	36.7	48.5	54.6	44.2
1996	42.7	51.1	36.2	42.2	50.7	35.5	45.7	50.9	41.8
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	44.3	53.0	37.6	43.9	52.8	37.1	49.9	57.6	44.5
Under 65	17.1	19.9	14.5	16.4	19.2	13.8	21.8	24.2	19.9
65 and over	292.6	355.4	248.2	294.8	358.8	249.8	305.6	361.6	268.8
All ages (world std.) [§]	33.5	40.0	28.3	33.0	39.6	27.8	38.3	44.1	34.2
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
15-19	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.0	0.2
20-24	0.6	0.7	0.4	0.5	0.5	0.4	0.6	0.7	0.5
25-29	1.7	1.8	1.7	1.5	1.5	1.5	2.1	2.3	1.9
30-34	3.4	3.9	3.0	3.1	3.6	2.6	4.7	3.6	5.7
35-39	6.4	6.9	5.8	5.7	6.2	5.2	9.0	9.2	8.9
40-44	12.6	13.5	11.7	11.8	12.7	11.0	16.3	17.8	14.9
45-49	23.4	25.5	21.4	21.8	24.1	19.5	34.1	36.8	31.8
50-54	48.1	56.4	40.1	44.5	53.0	36.1	68.5	73.8	63.9
55-59	85.3	100.3	71.2	83.4	98.8	68.5	107.1	120.3	96.4
60-64	135.2	160.9	112.1	133.3	157.8	110.6	158.8	182.3	140.2
65-69	199.1	249.9	156.8	201.0	251.9	157.9	209.0	253.7	174.4
70-74	270.8	326.8	227.4	271.5	327.8	227.7	303.4	358.2	265.1
75-79	347.3	423.1	295.1	349.4	425.7	297.1	362.2	419.0	326.1
80-84	433.7	521.3	383.8	436.3	529.8	384.3	449.5	536.8	403.0
85+	451.0	523.6	422.0	460.4	537.5	431.0	399.0	463.4	370.7

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.
 § SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table VI-4
COLON CANCER (Invasive)

SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	31.7	34.2	30.2	32.0	34.8	30.3	30.9	31.7	30.0
1974	32.9	36.9	30.2	33.4	37.6	30.5	29.9	34.4	26.7
1975	32.6	35.5	30.8	32.9	36.1	30.9	33.7	34.7	32.7
1976	34.1	37.7	31.7	34.4	37.9	32.0	34.1	35.8	32.5
1977	34.6	38.8	31.8	35.1	39.2	32.3	35.5	43.9	30.1
1978	34.6	38.4	32.0	34.7	39.0	32.0	37.9	37.9	38.3
1979	34.3	39.0	31.0	34.4	39.5	31.0	35.3	36.4	34.6
1980	35.5	39.3	33.0	35.4	39.3	32.9	43.2	46.0	41.2
1981	35.6	40.0	32.6	35.8	40.3	32.8	37.7	40.7	35.7
1982	35.7	41.6	31.6	36.0	42.1	31.7	38.2	41.7	35.6
1983	36.0	41.3	32.4	36.2	41.6	32.5	40.2	46.4	36.4
1984	36.4	42.5	32.3	36.8	43.3	32.3	38.8	41.8	37.3
1985	37.7	43.2	33.6	37.9	43.4	34.0	40.7	47.0	35.9
1986	36.8	42.7	32.5	36.8	43.1	32.2	40.1	44.5	37.2
1987	35.4	42.4	30.6	35.2	42.2	30.3	41.1	47.3	36.8
1988	34.7	41.2	30.0	34.5	41.3	29.6	39.1	43.1	36.5
1989	34.6	40.9	30.2	34.5	40.6	30.3	40.0	48.8	34.3
1990	34.6	40.5	30.3	34.4	40.4	30.1	40.7	45.0	37.9
1991	34.2	40.7	29.5	33.9	40.6	29.0	41.3	46.3	37.6
1992	33.3	39.0	29.1	33.1	39.1	28.7	40.1	46.7	36.0
1993	32.8	38.4	28.5	32.3	38.1	27.9	40.7	47.1	36.2
1994	32.1	37.1	28.2	31.8	37.0	27.7	39.6	44.2	36.8
1995	31.1	35.1	28.0	30.7	34.7	27.6	37.9	41.4	35.7
1996	30.3	34.9	26.6	29.9	34.9	25.9	34.6	36.7	32.9
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	31.9	36.9	28.1	31.5	36.7	27.6	38.5	43.0	35.5
Under 65	11.4	12.7	10.1	10.9	12.3	9.5	16.0	16.9	15.3
65 and over	219.0	257.2	192.1	220.1	259.3	192.6	244.1	282.0	219.9
All ages (world std.) [§]	23.7	27.4	20.9	23.4	27.1	20.4	29.3	32.5	27.2
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2
20-24	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3
25-29	1.1	1.1	1.1	1.0	1.0	0.9	1.1	0.7	1.4
30-34	2.1	2.4	1.8	2.0	2.4	1.6	2.4	1.5	3.2
35-39	4.2	4.4	4.0	3.8	4.1	3.6	6.3	5.7	6.8
40-44	8.1	8.4	7.7	7.3	7.8	6.9	12.7	12.9	12.5
45-49	15.1	15.8	14.4	14.1	15.3	12.8	23.0	22.6	23.3
50-54	30.7	34.9	26.7	28.2	33.2	23.3	48.7	49.6	47.9
55-59	56.9	64.0	50.2	55.4	62.6	48.4	78.4	84.5	73.6
60-64	93.1	105.9	81.5	90.9	103.4	79.2	122.2	135.5	111.6
65-69	140.5	169.6	116.2	140.7	170.1	115.8	162.2	188.7	141.7
70-74	198.2	231.8	172.1	198.0	231.9	171.7	242.4	279.2	216.8
75-79	263.4	311.1	230.5	265.0	313.9	231.5	285.1	311.3	268.5
80-84	339.2	398.2	305.5	341.2	404.4	305.9	367.3	443.2	326.8
85+	362.5	403.9	345.9	369.6	412.9	353.1	338.5	406.3	308.7

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.
 § SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table VI-5
RECTUM CANCER (Invasive)SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES[§], BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	14.7	18.9	11.4	14.9	19.5	11.5	11.5	11.1	11.8
1974	14.8	19.2	11.4	15.0	19.7	11.4	11.4	12.4	10.7
1975	14.8	18.6	11.9	14.9	19.0	12.0	11.8	12.9	10.8
1976	15.0	19.6	11.5	15.2	19.9	11.8	10.2	13.1	7.8
1977	14.9	19.3	11.7	15.0	19.5	11.7	12.5	14.2	11.3
1978	14.8	18.8	11.9	15.2	19.4	12.1	11.5	13.4	10.2
1979	15.1	19.2	12.0	15.2	19.4	12.2	11.4	13.6	9.9
1980	14.9	19.4	11.5	15.0	19.4	11.8	12.5	17.7	8.5
1981	15.2	19.8	11.9	15.4	20.0	12.1	12.7	17.5	9.3
1982	13.9	17.6	11.3	14.2	17.9	11.5	10.7	13.4	8.9
1983	14.4	18.6	11.2	14.6	18.9	11.4	13.7	14.6	12.9
1984	15.1	19.1	11.9	15.5	19.6	12.3	11.1	13.0	9.8
1985	15.1	19.7	11.7	15.4	20.1	12.0	11.5	13.8	9.9
1986	14.4	19.2	10.8	14.4	19.3	10.8	12.8	15.4	10.6
1987	14.3	18.8	11.0	14.5	19.2	10.9	12.1	13.7	11.1
1988	13.9	18.4	10.6	14.1	18.6	10.7	11.8	15.0	9.4
1989	14.2	18.5	10.9	14.3	18.8	10.9	12.8	15.7	10.6
1990	13.7	18.4	10.1	13.8	18.7	10.1	11.7	13.1	10.7
1991	13.1	17.4	9.8	13.1	17.4	9.9	11.5	15.8	8.4
1992	13.1	17.3	9.8	13.1	17.3	9.8	12.0	15.1	9.8
1993	12.5	16.1	9.7	12.6	16.1	9.8	11.0	14.8	8.2
1994	12.3	16.0	9.3	12.2	15.8	9.2	12.0	15.3	9.7
1995	11.8	15.3	9.0	11.8	15.2	9.1	10.6	13.2	8.5
1996	12.5	16.1	9.6	12.3	15.8	9.6	11.2	14.2	8.9
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	12.4	16.2	9.5	12.4	16.1	9.5	11.4	14.5	9.0
Under 65	5.7	7.2	4.4	5.6	6.9	4.3	5.9	7.4	4.6
65 and over	73.6	98.2	56.1	74.7	99.5	57.2	61.5	79.6	48.9
All ages (world std.) [§]	9.7	12.6	7.4	9.7	12.5	7.4	9.0	11.5	7.1
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
15-19	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
20-24	0.2	0.3	0.1	0.2	0.2	0.1	0.3	0.4	0.2
25-29	0.7	0.8	0.6	0.5	0.5	0.5	1.0	1.6	0.5
30-34	1.4	1.5	1.2	1.1	1.2	1.0	2.3	2.0	2.5
35-39	2.2	2.5	1.9	1.9	2.2	1.7	2.7	3.5	2.1
40-44	4.6	5.1	4.1	4.5	4.9	4.1	3.6	4.9	2.5
45-49	8.3	9.7	7.0	7.8	8.8	6.7	11.2	14.2	8.5
50-54	17.4	21.5	13.4	16.3	19.9	12.8	19.8	24.2	16.0
55-59	28.4	36.3	21.0	28.0	36.2	20.1	28.6	35.8	22.9
60-64	42.1	55.0	30.6	42.4	54.4	31.4	36.6	46.7	28.6
65-69	58.7	80.3	40.6	60.2	81.7	42.0	46.8	65.0	32.7
70-74	72.6	95.0	55.3	73.5	95.9	56.0	61.0	79.0	48.4
75-79	84.0	112.0	64.6	84.4	111.7	65.6	77.1	107.7	57.7
80-84	94.6	123.1	78.3	95.2	125.4	78.3	82.2	93.6	76.1
85+	88.5	119.7	76.1	90.8	124.6	77.8	60.5	57.1	62.0

[§] SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.
[§] SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table VI-6
 COLON AND RECTUM CANCER (Invasive)

U.S. MORTALITY RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES*, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
1973	21.9	24.9	19.8	22.0	25.3	19.8	21.0	22.0	20.4
1974	22.2	25.8	19.7	22.3	26.0	19.8	21.2	23.6	19.5
1975	21.7	25.3	19.3	21.9	25.6	19.3	21.5	23.9	19.7
1976	22.0	25.6	19.5	22.1	25.9	19.5	22.3	24.4	20.8
1977	21.8	25.6	19.1	21.8	25.7	19.1	22.0	25.0	19.9
1978	21.9	25.9	19.2	22.0	26.1	19.2	21.9	24.4	20.2
1979	21.7	25.7	18.9	21.7	25.9	18.8	22.4	24.8	20.8
1980	21.5	25.8	18.6	21.5	25.9	18.5	22.7	26.1	20.3
1981	21.1	25.2	18.2	21.1	25.3	18.1	22.7	25.7	20.7
1982	20.9	25.2	18.0	20.8	25.2	17.8	23.0	26.4	20.6
1983	20.8	25.3	17.7	20.8	25.4	17.6	22.7	26.1	20.3
1984	21.0	25.3	18.0	20.9	25.3	17.8	23.3	27.3	20.6
1985	20.6	25.1	17.5	20.5	25.1	17.2	24.0	27.0	21.8
1986	20.1	24.5	17.0	19.9	24.5	16.7	23.3	27.5	20.6
1987	19.9	24.4	16.7	19.6	24.3	16.4	23.7	27.8	20.9
1988	19.3	23.7	16.3	19.1	23.6	16.0	22.9	27.0	20.2
1989	19.1	23.5	15.9	18.8	23.2	15.6	23.5	28.3	20.3
1990	18.8	23.4	15.6	18.4	23.1	15.2	24.0	29.2	20.7
1991	18.3	22.6	15.4	18.0	22.3	15.0	23.3	27.6	20.5
1992	18.0	22.3	15.0	17.7	22.0	14.6	23.0	27.9	19.8
1993	17.8	21.8	15.0	17.5	21.5	14.5	23.3	27.8	20.3
1994	17.6	21.6	14.6	17.2	21.3	14.3	22.8	27.8	19.4
1995	17.3	21.2	14.5	16.9	20.8	14.1	23.2	28.0	20.0
1996	16.8	20.5	14.0	16.4	20.1	13.6	22.5	26.9	19.5
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
All ages	17.5	21.5	14.6	17.1	21.1	14.2	22.9	27.6	19.8
Under 65	5.8	6.9	4.8	5.6	6.7	4.5	8.6	10.3	7.4
65 and over	124.1	154.0	104.2	122.7	152.9	102.4	153.4	186.2	133.3
All ages (world std.)N	12.9	15.7	10.7	12.6	15.4	10.4	17.2	20.7	14.8
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
15-19	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.1
20-24	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.4	0.2
25-29	0.5	0.6	0.4	0.4	0.5	0.4	0.8	1.1	0.6
30-34	0.9	1.1	0.8	0.8	0.9	0.7	1.5	2.0	1.2
35-39	1.9	2.0	1.8	1.8	1.9	1.6	3.0	3.1	3.0
40-44	4.0	4.4	3.7	3.7	4.0	3.4	6.8	7.9	5.9
45-49	8.1	9.2	7.1	7.5	8.6	6.4	13.7	15.5	12.2
50-54	16.0	18.5	13.6	15.1	17.7	12.5	25.8	29.1	23.0
55-59	29.0	34.5	23.9	27.8	33.3	22.7	43.0	51.4	36.4
60-64	47.7	59.1	37.6	46.5	57.8	36.3	63.9	79.1	52.4
65-69	71.7	90.4	56.3	70.2	89.2	54.3	94.9	114.1	80.6
70-74	103.1	129.5	83.0	101.1	127.5	80.8	137.9	169.6	116.5
75-79	140.7	174.1	118.0	139.2	172.7	116.3	173.2	213.0	149.1
80-84	198.4	246.1	171.8	196.9	245.7	169.8	237.7	289.0	211.3
85+	288.0	345.9	265.4	289.1	349.1	266.0	301.8	356.3	279.3

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

N NCHS public use tape. Rates are per 100,000 and are age-adjusted to the world standard population.

Table VI-7
COLON AND RECTUM CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	-	-	-	-	-	-
1970-73 ^a	-	-	-	-	-	-	-	-	-
1974-76 ^b	49.8	48.9	50.7	50.1	49.2	50.9	44.9	41.5	47.7
1977-79 ^b	51.9	50.7	53.0	52.2	51.2	53.2	45.7	43.7	47.3
1980-82 ^b	54.3	53.8	54.8	54.8	54.4	55.1	46.5	43.5	49.2
1983-85 ^b	56.9	56.8	56.9	57.6	57.7	57.6	47.9	46.9	48.8
1986-88 ^b	60.1	60.3	59.9	60.7	61.2	60.3	52.1	50.6	53.5
1989-95 ^b	61.0S	61.2S	60.8S	61.8S	62.0S	61.5S	51.7S	51.7S	51.7S
1989-95 ^b									
ALL STAGES	61.0	61.2	60.8	61.8	62.0	61.5	51.7	51.7	51.7
LOCALIZED	89.5	89.5	89.6	90.4	90.4	90.5	82.9	84.6	81.6
REGIONAL	64.9	64.6	65.2	65.5	65.2	65.7	58.9	58.6	59.0
DISTANT	8.3	8.2	8.5	8.5	8.1	8.9	6.6	7.7	5.6
UNSTAGED	34.5	39.1	29.8	34.1	39.6	28.6	36.6	35.3	37.3
<u>STAGE DISTRIBUTION (%) 1989-95^b</u>									
ALL STAGES									
Number of cases	72,049	36,590	35,459	61,028	30,934	30,094	6,183	2,934	3,249
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	37	38	36	37	38	36	33	32	33
REGIONAL	37	36	38	37	37	38	35	34	35
DISTANT	20	20	20	20	20	19	25	26	24
UNSTAGED	6	6	6	6	6	6	7	8	7
<u>5-YR RELATIVE SURVIVAL RATES, 1989-95^b</u>									
AGE AT DIAGNOSIS:									
<45	58.2	56.4	60.2	59.5	57.9	61.3	51.4	48.5	54.4
45-54	62.6	61.5	64.1	63.6	62.2	65.6	54.9	54.2	55.7
55-64	62.9	62.9	62.8	63.4	63.6	63.1	55.7	56.5	55.0
65-74	63.1	63.6	62.6	64.1	64.6	63.7	52.0	51.7	52.3
75+	57.2	56.9	57.5	58.1	57.7	58.3	44.5	44.3	44.6
Under 65	62.1	61.6	62.7	62.9	62.5	63.5	54.7	54.2	55.1
65 and over	60.4	61.0	59.9	61.3	61.9	60.8	49.1	49.2	49.0

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1996.
S The difference in rates between 1974-76 and 1989-95 is statistically significant ($p < .05$).
 \uparrow The standard error of the survival rate is between 5 and 10 percentage points.
 $\uparrow\uparrow$ The standard error of the survival rate is greater than 10 percentage points.
 $-$ Statistic could not be calculated.

Table VI-8
COLON CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	43	42	44	34	32	35
1970-73 ^a	-	-	-	49	47	50	37	36	38
1974-76 ^b	50.4	49.5	51.1	50.6	49.9	51.3	45.9	44.3	47.1
1977-79 ^b	52.8	51.6	53.8	52.9	51.9	53.8	48.1	45.8	50.0
1980-82 ^b	55.3	55.6	55.2	55.6	55.9	55.3	49.2	46.5	51.3
1983-85 ^b	57.7	58.1	57.3	58.4	58.9	58.0	49.2	48.3	49.9
1986-88 ^b	60.8	61.5	60.1	61.5	62.4	60.6	52.5	51.9	53.0
1989-95 ^b	61.6S	62.2S	61.0S	62.4S	63.0S	61.9S	51.8S	51.5S	52.1S
1989-95 ^b									
ALL STAGES	61.6	62.2	61.0	62.4	63.0	61.9	51.8	51.5	52.1
LOCALIZED	91.4	91.9	91.0	92.4	92.9	91.9	84.6	84.5	84.8
REGIONAL	68.0	68.0	68.0	68.4	68.2	68.6	62.7	63.5	62.0
DISTANT	8.9	9.0	8.9	9.2	9.0	9.3	6.7	7.9	5.6
UNSTAGED	31.2	37.0	26.2	30.9	37.9	25.2	33.8	34.3†	33.0
<u>STAGE DISTRIBUTION (%) 1989-95^b</u>									
ALL STAGES									
Number of cases	51,609	25,026	26,583	43,638	21,107	22,531	4,745	2,175	2,570
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	35	36	34	35	37	34	31	31	31
REGIONAL	38	37	40	38	37	40	35	34	36
DISTANT	22	22	21	21	22	21	27	29	26
UNSTAGED	5	5	5	5	5	5	7	7	7
<u>5-YR RELATIVE SURVIVAL RATES, 1989-95^b</u>									
AGE AT DIAGNOSIS:									
<45	57.5	56.8	58.3	58.4	58.2	58.7	52.7	51.1	54.5
45-54	61.7	60.9	62.7	62.9	61.5	64.8	53.5	53.8	53.2
55-64	63.1	64.0	61.9	63.3	64.5	61.9	55.3	54.7	55.7
65-74	63.9	65.0	62.7	65.0	66.2	63.9	52.4	51.6	53.2
75+	58.9	58.4	59.3	59.7	59.1	60.2	45.9	45.4	46.2
Under 65	61.9	62.2	61.5	62.6	62.9	62.1	54.3	53.8	54.8
65 and over	61.5	62.3	60.8	62.4	63.3	61.8	49.8	49.5	50.1

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1996.
S The difference in rates between 1974-76 and 1989-95 is statistically significant ($p < .05$).
† The standard error of the survival rate is between 5 and 10 percentage points.
↑ The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table VI-9
RECTUM CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	38	36	41	27	28	27
1970-73 ^a	-	-	-	45	43	48	30	20	40
1974-76 ^b	48.5	47.6	49.6	48.9	48.0	49.9	42.1	34.8	49.3
1977-79 ^b	49.9	48.9	51.1	50.8	50.0	51.6	38.8	38.4	39.2
1980-82 ^b	52.0	50.3	53.9	52.9	51.4	54.6	38.2	36.1	40.8
1983-85 ^b	55.0	54.3	55.8	55.9	55.2	56.6	43.8	42.7	44.8
1986-88 ^b	58.4	57.9	59.2	59.1	58.8	59.4	51.0	47.0	55.0
1989-95 ^b	59.5S	59.1S	60.1S	60.2S	60.0S	60.6S	51.2S	52.0S	50.3
1989-95 ^b									
ALL STAGES	59.5	59.1	60.1	60.2	60.0	60.6	51.2	52.0	50.3
LOCALIZED	85.7	85.1	86.4	86.5	85.8	87.4	78.5	84.7	72.6
REGIONAL	56.9	57.4	56.1	57.9	59.0	56.5	46.3	45.8	46.8
DISTANT	6.4	5.9	7.0	6.4	5.7	7.3	5.9	6.2	5.6
UNSTAGED	39.4	41.6	36.4	38.6	41.6	34.7	42.9↑	36.9↑	48.9↑
<u>STAGE DISTRIBUTION (%) 1989-95^b</u>									
ALL STAGES									
Number of cases	20,440	11,564	8,876	17,390	9,827	7,563	1,438	759	679
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	42	41	43	42	41	43	39	37	41
REGIONAL	35	35	34	35	35	34	34	35	32
DISTANT	16	16	15	16	16	15	18	19	17
UNSTAGED	8	8	8	8	8	8	10	10	10
<u>5-YR RELATIVE SURVIVAL RATES, 1989-95^b</u>									
AGE AT DIAGNOSIS:									
<45	59.5	55.7	63.9	61.5	57.4	66.3	47.7↑	42.4↑	54.1↑
45-54	64.4	62.4	67.0	64.9	63.3	67.0	58.0	55.1↑	62.2↑
55-64	62.5	61.0	65.2	63.6	62.2	66.3	56.9	61.2↑	52.3↑
65-74	61.3	60.7	62.3	62.0	61.3	63.0	50.4	52.1↑	48.6↑
75+	51.9	53.1	51.0	52.7	54.1	51.7	38.4	39.9↑	37.5↑
Under 65	62.5	60.6	65.4	63.6	61.8	66.4	55.5	55.1	56.0
65 and over	57.5	58.0	56.9	58.1	58.8	57.5	46.2	48.4	44.1

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1996.
S The difference in rates between 1974-76 and 1989-95 is statistically significant ($p < .05$).
↑ The standard error of the survival rate is between 5 and 10 percentage points.
↑↑ The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table VI-10
COLON AND RECTUM CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	47.4	49.1	49.5	49.4	49.3	50.4	50.9	49.7	50.4	51.5	52.8	51.2	49.8	48.6	48.8	48.3	47.3	46.4	45.3	44.3	42.9	42.7
Mortality																						
U.S.	21.7	22.0	21.8	21.9	21.7	21.5	21.1	20.9	20.8	21.0	20.6	20.1	19.9	19.3	19.1	18.8	18.3	18.0	17.8	17.6	17.3	16.8
SEER	22.0	22.1	22.2	22.0	21.8	21.1	20.6	20.7	19.6	20.3	20.8	19.2	19.0	18.4	18.7	17.8	17.3	17.0	16.8	17.0	16.1	15.8
Relative Survival Rates (SEER)																						
1-year	73.4	74.7	74.7	74.9	76.1	75.6	78.5	78.5	78.3	79.2	80.1	81.3	80.8	80.3	81.2	81.8	82.5	81.7	80.9	81.6	79.9	
2-year	61.7	62.9	63.6	64.7	65.7	65.4	68.7	68.1	67.9	69.0	71.0	72.0	71.8	71.8	72.3	73.3	73.8	73.2	72.5	72.7		
3-year	56.0	56.8	57.3	58.4	59.0	58.7	62.1	62.2	61.8	62.6	65.0	66.5	66.2	66.4	67.5	68.3	68.2	67.5	67.4			
4-year	52.0	53.0	53.8	54.4	55.3	54.9	57.7	58.3	57.9	58.9	61.3	62.7	62.1	62.8	63.5	64.1	64.6	63.9				
5-year	49.4	51.1	51.2	51.6	52.9	52.3	55.5	55.2	55.6	55.9	58.9	60.3	59.8	60.2	60.8	61.7	62.2					
6-year	47.6	49.6	49.4	49.8	51.2	50.6	53.5	53.2	53.5	54.1	57.1	58.2	58.0	58.6	59.3	60.3						
7-year	46.5	48.7	48.4	48.8	49.9	49.3	51.8	51.9	52.0	52.6	55.8	56.7	56.2	57.2	57.8							
8-year	45.7	48.1	47.3	48.3	48.8	48.1	51.0	50.6	50.8	52.1	55.0	55.5	55.5	56.2								
9-year	45.4	47.6	46.5	47.7	48.3	47.5	50.2	50.2	50.0	51.2	54.0	54.7	54.7									
10-year	44.7	47.2	46.0	46.9	47.6	46.9	49.7	50.0	49.2	50.1	53.3	54.4										
11-year	44.4	46.7	45.8	46.5	46.8	46.3	49.5	49.4	48.2	49.6	52.8											
12-year	44.2	45.9	45.4	46.4	46.2	46.1	49.4	48.8	48.0	48.8												
13-year	43.8	45.3	45.3	46.0	46.0	46.0	49.2	48.8	47.1													
14-year	43.3	44.9	44.6	45.3	45.7	45.7	48.8	48.3														
15-year	42.5	44.5	44.2	45.3	45.7	45.7	48.3															
16-year	41.8	44.2	43.6	45.3	45.2	45.4																
17-year	41.5	44.2	43.1	44.8	45.1																	
18-year	41.1	44.2	42.6	44.1																		
19-year	41.1	44.2	42.4																			
20-year	40.9	43.8																				
21-year	40.6																					

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
Survival rates are relative rates expressed as percents.

Table VI-11
COLON AND RECTUM CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	54.1	57.3	58.0	57.2	58.3	58.7	59.8	59.2	59.9	61.6	63.0	61.9	61.2	59.5	59.4	58.9	58.0	56.3	54.5	53.1	50.5	51.1
Mortality																						
U.S.	25.3	25.6	25.6	25.9	25.7	25.8	25.2	25.2	25.3	25.3	25.1	24.5	24.4	23.7	23.5	23.4	22.6	22.3	21.8	21.6	21.2	20.5
SEER	25.8	25.9	25.8	26.6	26.0	24.9	24.1	24.8	23.8	24.3	25.8	23.1	22.6	22.6	22.9	21.7	21.3	21.3	20.0	21.2	19.5	18.8
Relative Survival Rates (SEER)																						
1-year	73.0	74.8	74.5	74.9	76.3	76.5	79.7	79.6	79.5	79.4	81.3	82.4	81.7	81.1	82.0	83.0	83.2	82.8	81.6	82.8	81.5	
2-year	62.1	62.6	63.0	65.1	65.7	66.2	69.2	68.5	69.0	68.6	72.3	73.1	72.9	73.3	73.3	74.1	74.7	74.1	73.1	73.7		
3-year	55.9	56.4	56.3	57.9	58.2	59.3	62.4	62.7	62.6	61.5	66.5	67.2	67.0	67.3	68.3	69.4	69.0	68.2	67.9			
4-year	51.8	52.6	52.7	53.4	53.9	55.1	57.8	58.0	58.6	57.4	62.2	63.4	62.4	62.6	64.1	64.7	64.9	64.0				
5-year	48.8	50.2	50.1	50.7	51.3	52.0	54.9	54.4	56.2	54.6	59.4	60.7	59.9	60.3	61.3	61.8	62.0					
6-year	46.4	48.3	48.0	48.5	49.4	50.2	52.4	52.6	53.8	52.4	57.5	58.2	58.5	58.6	59.8	60.2						
7-year	45.1	47.0	47.0	47.6	48.1	48.7	50.4	51.1	52.1	51.0	55.7	56.9	56.5	57.2	58.3							
8-year	44.1	46.2	46.1	47.1	46.6	47.5	50.0	49.9	50.1	50.2	55.1	56.0	55.7	56.2								
9-year	43.9	45.6	44.6	46.6	46.4	46.6	49.4	49.5	49.1	49.0	54.1	55.1	55.0									
10-year	43.0	45.1	44.2	45.6	45.5	46.3	48.7	49.0	48.2	48.0	53.4	55.1										
11-year	43.0	44.7	43.7	44.9	45.1	45.9	48.0	48.4	47.3	47.5	53.0											
12-year	42.6	43.8	43.2	44.8	44.1	45.5	47.8	47.7	47.1	47.1												
13-year	42.6	42.7	43.0	44.3	43.9	45.5	47.8	47.7	46.5													
14-year	42.1	42.2	42.0	43.5	43.5	45.5	47.4	47.3														
15-year	41.8	42.1	41.9	43.4	43.5	45.5	47.4															
16-year	41.5	42.1	41.2	43.0	42.9	45.5																
17-year	41.2	41.9	41.0	42.4	42.7																	
18-year	41.2	41.9	40.7	41.5																		
19-year	41.1	41.9	40.4																			
20-year	41.1	41.9																				
21-year	40.6																					

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 Survival rates are relative rates expressed as percents.

Table VI-12
COLON AND RECTUM CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	42.7	43.2	43.5	43.9	43.0	44.5	44.5	42.9	43.6	44.2	45.3	43.3	41.5	40.6	41.1	40.5	39.3	38.9	38.2	37.6	37.0	36.2
Mortality																						
U.S.	19.3	19.5	19.1	19.2	18.9	18.6	18.2	18.0	17.7	18.0	17.5	17.0	16.7	16.3	15.9	15.6	15.4	15.0	15.0	14.6	14.5	14.0
SEER	19.4	19.4	19.8	18.8	18.9	18.5	18.2	18.0	16.8	17.5	17.3	16.4	16.6	15.4	15.8	15.2	14.5	14.0	14.5	13.9	13.5	13.5
Relative Survival Rates (SEER)																						
1-year	73.8	74.6	74.8	74.9	75.9	74.9	77.4	77.3	77.1	79.1	78.8	80.1	79.8	79.5	80.5	80.7	81.6	80.6	80.1	80.5	78.3	
2-year	61.3	63.2	64.3	64.2	65.6	64.8	68.3	67.7	66.8	69.5	69.6	70.8	70.6	70.3	71.3	72.5	72.8	72.2	71.9	71.7		
3-year	56.1	57.2	58.3	58.8	59.8	58.0	61.9	61.7	61.0	63.8	63.6	65.7	65.3	65.4	66.7	67.2	67.4	66.8	66.8			
4-year	52.2	53.5	54.8	55.4	56.6	54.7	57.7	58.6	57.2	60.3	60.4	62.0	61.9	63.0	63.0	63.4	64.4	63.7				
5-year	50.0	52.0	52.2	52.4	54.5	52.6	56.1	55.8	55.0	57.2	58.4	59.8	59.6	60.2	60.2	61.6	62.4					
6-year	48.6	50.8	50.6	51.0	53.0	51.0	54.5	53.8	53.2	55.7	56.8	58.2	57.5	58.7	59.0	60.4						
7-year	47.8	50.2	49.7	49.9	51.6	49.8	53.1	52.6	52.0	54.2	55.9	56.5	55.9	57.3	57.3							
8-year	47.2	49.8	48.4	49.3	50.9	48.7	52.0	51.4	51.5	53.9	54.9	55.0	55.3	56.1								
9-year	46.7	49.3	48.2	48.7	50.1	48.2	50.9	50.8	50.9	53.3	53.9	54.4	54.4									
10-year	46.0	49.1	47.6	48.1	49.5	47.5	50.5	50.8	50.0	52.0	53.2	53.7										
11-year	45.4	48.4	47.6	47.8	48.4	46.6	50.5	50.3	49.0	51.5	52.5											
12-year	45.4	47.7	47.3	47.7	48.1	46.5	50.5	49.7	48.7	50.4												
13-year	44.7	47.5	47.2	47.4	47.9	46.2	50.4	49.7	47.6													
14-year	44.2	47.2	46.7	46.8	47.6	45.8	50.0	49.2														
15-year	43.1	46.5	46.2	46.8	47.6	45.8	48.9															
16-year	42.1	45.9	45.6	46.8	47.2	45.1																
17-year	41.7	45.9	44.9	46.8	47.2																	
18-year	41.0	45.7	44.1	46.2																		
19-year	41.0	45.7	44.0																			
20-year	40.7	45.4																				
21-year	40.6																					

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
Survival rates are relative rates expressed as percents.

Table VI-13
COLON AND RECTUM CANCER (Invasive)

Percent Diagnosed With Cancer In 10, 20 and 30 Years and In Remaining Lifetime,
 Given Cancer Free At Current Age By Race and Sex

Lifetime Risk (Percent) of Being Diagnosed With Cancer and
 Lifetime Risk (Percent) of Dying From Cancer

SEER Areas, 1994-96

All Races

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.00	0.00	0.01	5.64	0.00	0.00	0.01	5.55	
10	0.00	0.01	0.06	5.70	0.00	0.01	0.05	5.59	
20	0.01	0.06	0.24	5.74	0.01	0.05	0.20	5.61	
30	0.05	0.23	0.88	5.82	0.04	0.19	0.70	5.63	
40	0.18	0.85	2.38	5.92	0.15	0.67	1.77	5.64	
50	0.70	2.30	4.34	5.99	0.53	1.65	3.43	5.61	
60	1.74	3.97	5.51	5.77	1.19	3.06	4.85	5.35	
Lifetime Risk of Being Diagnosed =				5.64%	Lifetime Risk of Being Diagnosed =				5.55%
Lifetime Risk of Dying =				2.45%	Lifetime Risk of Dying =				2.45%

Whites

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.00	0.00	0.01	5.75	0.00	0.00	0.01	5.59	
10	0.00	0.01	0.06	5.81	0.00	0.01	0.04	5.63	
20	0.01	0.06	0.22	5.84	0.01	0.04	0.19	5.64	
30	0.05	0.21	0.85	5.91	0.04	0.18	0.66	5.66	
40	0.17	0.82	2.36	5.99	0.14	0.63	1.74	5.67	
50	0.68	2.27	4.36	6.04	0.50	1.62	3.42	5.63	
60	1.73	3.99	5.56	5.81	1.18	3.07	4.88	5.39	
Lifetime Risk of Being Diagnosed =				5.75%	Lifetime Risk of Being Diagnosed =				5.59%
Lifetime Risk of Dying =				2.51%	Lifetime Risk of Dying =				2.44%

Blacks

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.00	0.00	0.01	4.13	0.00	0.00	0.02	5.04	
10	0.00	0.01	0.08	4.23	0.00	0.02	0.09	5.14	
20	0.01	0.08	0.28	4.28	0.02	0.09	0.30	5.16	
30	0.06	0.28	0.99	4.43	0.07	0.28	0.94	5.19	
40	0.23	0.98	2.25	4.62	0.22	0.89	2.09	5.24	
50	0.83	2.23	3.77	4.86	0.71	1.97	3.67	5.27	
60	1.68	3.53	4.69	4.84	1.39	3.27	4.68	5.04	
Lifetime Risk of Being Diagnosed =				4.13%	Lifetime Risk of Being Diagnosed =				5.04%
Lifetime Risk of Dying =				2.22%	Lifetime Risk of Dying =				2.69%

Table VI-14
COLON AND RECTUM CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES

By Race/Ethnicity and Sex

Incidenceⁱ

RACE/ETHNICITY	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	44.2	53.4	37.3	-2.1*	-2.5*
White	43.9	53.2	36.8	-2.3*	-2.8*	-1.9*
White Hispanic	30.5	37.5	25.3	-2.0*	-1.8	-2.3*
White Non-Hispanic	45.1	54.6	37.8	-2.2*	-2.8*	-1.8*
Black	50.4	58.1	44.9	-1.9*	-2.3	-1.7*
Asian/Pacific Islander [‡]	38.6	47.5	31.4	-0.7*	-0.4	-0.7
American Indian	16.4	21.5	12.4	0.0	-1.4	-
Hispanic [⊙]	29.0	35.7	24.0	-2.1*	-2.1	-2.3*

Mortality[‡]

RACE/ETHNICITY	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	17.8	21.9	14.9	-1.7*	-2.0*
White	17.4	21.5	14.5	-1.8*	-2.1*	-1.7*
White Hispanic	11.0	13.9	8.8	-1.0	-0.4	-1.8*
White Non-Hispanic	17.6	21.8	14.6	-1.6*	-1.9*	-1.5*
Black	23.1	27.8	20.0	-0.8*	-0.8	-0.9
Asian/Pacific Islander [‡]	10.9	13.4	9.0	-0.7	-1.6	0.6
American Indian	9.9	11.0	8.9	2.9	3.8	1.7
Hispanic [⊙]	10.4	13.2	8.4	-1.3	-0.6	-2.1*

- The EAPC is the Estimated Annual Percent Change over the time interval.
- Statistic 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.
- ⁱ Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles).
- ⊙ Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, and Atlanta).
- ⊙ Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.
- ‡ Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).
- ‡ Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1996. Cancer 82:1197-207, 1998 were unadjusted.
- * The EAPC is significantly different from zero (p<.05).

Table VI-15
COLON CANCER (Invasive) and RECTUM CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE

By Race/Ethnicity and Sex

Colon Incidence

	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	31.7	37.0	27.8	-2.1*	-2.6*	-1.7*
White	31.5	36.9	27.4	-2.3*	-2.8*	-1.9*
White Hispanic	20.5	23.8	18.0	-2.0	-2.1	-1.9
White Non-Hispanic	32.4	38.1	28.2	-2.2*	-2.7*	-1.9*
Black	38.6	43.1	35.6	-2.0*	-3.0*	-1.2*
Asian/Pacific Islander [‡]	25.9	30.7	22.0	-0.3	-0.5	0.3
American Indian	10.8	13.8	8.5	-0.3	-3.8	-
Hispanic [⊗]	19.5	22.7	17.1	-2.1	-2.3	-1.9

Rectum Incidence

	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	12.5	16.4	9.5	-2.0*	-2.3*	-2.0*
White	12.4	16.3	9.5	-2.2*	-2.8*	-1.7*
White Hispanic	10.0	13.7	7.3	-2.1	-1.3	-3.5*
White Non-Hispanic	12.6	16.5	9.6	-2.2*	-2.9*	-1.5
Black	11.8	15.1	9.4	-1.6*	-0.1	-3.4
Asian/Pacific Islander [‡]	12.7	16.8	9.4	-1.5	-0.3	-2.9*
American Indian	5.6	7.7	3.9	-	-	-
Hispanic [⊗]	9.5	13.0	6.8	-2.2	-1.5	-3.5*

- The EAPC is the Estimated Annual Percent Change over the time interval.
- Statistic 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.
- i Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles).
- ⊗ Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, and Atlanta).
- ⊗ Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.
- ❖ Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).
- ‡ Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1996. Cancer 82:1197-207, 1998 were unadjusted.
- * The EAPC is significantly different from zero (p<.05).

Table VI-16
COLON AND RECTUM CANCER (Invasive)AGE-ADJUSTED SEER INCIDENCE RATES[§] AND SEER MORTALITY RATES*
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES[§], 1992-96</u>									
REGISTRY									
11 registries	43.3	52.0	36.6	42.9	51.7	36.1	49.6	57.1	44.2
9 registries	44.3	53.0	37.6	43.9	52.8	37.1	49.9	57.6	44.5
San Francisco-Oakland	42.9	51.6	36.1	43.3	51.9	36.6	47.7	57.7	40.1
Connecticut	48.0	58.1	40.4	47.7	57.9	40.0	51.8	64.3	44.2
Metropolitan Detroit	46.9	57.7	39.1	45.6	57.4	37.0	50.6	57.3	45.8
Hawaii	45.0	54.5	36.6	49.4	57.9	40.8	-	-	-
Iowa	49.9	58.7	43.1	49.9	58.7	43.1	-	-	-
New Mexico	33.7	40.7	27.9	34.4	41.6	28.4	-	-	-
Seattle-Puget Sound	42.1	50.3	35.6	41.8	49.6	35.5	49.2	67.0	33.6
Utah	33.3	39.7	27.9	33.1	39.7	27.7	-	-	-
Metropolitan Atlanta	44.2	51.1	39.6	41.9	49.1	36.8	51.2	56.8	48.0
San Jose-Monterey	41.5	48.2	36.3	42.1	48.5	37.1	40.5	51.6	31.8
Los Angeles	40.5	49.6	33.7	39.6	48.8	32.7	49.2	56.1	44.1
<u>SEER MORTALITY RATES*, 1992-96</u>									
REGISTRY									
11 registries	16.2	19.7	13.7	16.0	19.6	13.3	22.4	26.2	19.9
9 registries	16.5	20.1	13.9	16.3	20.0	13.5	22.5	26.1	20.0
San Francisco-Oakland	16.1	19.6	13.6	16.1	19.7	13.6	21.8	25.9	18.6
Connecticut	17.1	21.6	13.9	17.0	21.6	13.7	18.3	21.4	16.0
Metropolitan Detroit	18.1	22.5	15.0	16.8	21.7	13.5	23.1	26.0	21.0
Hawaii	14.3	17.4	11.6	16.8	20.5	13.5	-	-	-
Iowa	18.3	22.0	15.6	18.3	21.9	15.6	-	-	-
New Mexico	14.2	17.6	11.5	14.5	18.0	11.7	-	-	-
Seattle-Puget Sound	15.8	19.1	13.4	15.8	19.0	13.4	20.7	29.6	13.3
Utah	12.9	15.5	10.9	12.8	15.4	10.9	-	-	-
Metropolitan Atlanta	16.7	19.7	14.9	14.7	17.5	12.7	24.9	28.9	22.9
San Jose-Monterey	15.0	17.7	12.9	15.3	18.1	13.1	24.4	32.1	19.3
Los Angeles	15.5	18.8	13.2	15.1	18.4	12.7	22.3	26.0	19.6

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.
[§] SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
^{*} NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 - Statistic could not be calculated or populations are inadequate.

Table VI-17
COLON AND RECTUM CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	17.5	0.03							
High Five States									
District of Columbia	20.6*	0.77	(01)	17.7					
New Jersey	20.6*	0.20	(02)	17.7					
Maryland	20.1*	0.27	(03)	14.9					
Pennsylvania	20.0*	0.15	(04)	14.3					
Maine	19.8*	0.50	(05)	13.1					
Low Five States									
Colorado	14.7*	0.28	(47)	-16.0					
Hawaii	14.3*	0.47	(48)	-18.3					
New Mexico	14.2*	0.40	(49)	-18.9					
Idaho	14.1*	0.47	(50)	-19.4					
Utah	12.9*	0.39	(51)	-26.3					
Alabama	15.1*	0.24	(45)	-13.7	Montana	16.0	0.55	(38)	-8.6
Alaska	18.8	1.14	(15)	7.4	Nebraska	18.2	0.43	(20)	4.0
Arizona	15.0*	0.25	(46)	-14.3	Nevada	17.3	0.47	(29)	-1.1
Arkansas	17.3	0.33	(28)	-1.1	New Hampshire	19.6*	0.56	(08)	12.0
California	15.3*	0.10	(44)	-12.6	New Jersey	20.6*	0.20	(02)	17.7
Colorado	14.7*	0.28	(47)	-16.0	New Mexico	14.2*	0.40	(49)	-18.9
Connecticut	17.1	0.28	(31)	-2.3	New York	19.2*	0.13	(13)	9.7
Delaware	19.2	0.69	(11)	9.7	North Carolina	17.1	0.20	(30)	-2.3
District of Columbia	20.6*	0.77	(01)	17.7	North Dakota	17.3	0.65	(27)	-1.1
Florida	16.4*	0.13	(34)	-6.3	Ohio	19.2*	0.17	(12)	9.7
Georgia	15.8*	0.21	(40)	-9.7	Oklahoma	16.2	0.28	(37)	-7.4
Hawaii	14.3*	0.47	(48)	-18.3	Oregon	15.4*	0.28	(43)	-12.0
Idaho	14.1*	0.47	(50)	-19.4	Pennsylvania	20.0*	0.15	(04)	14.3
Illinois	19.3*	0.17	(10)	10.3	Rhode Island	19.6*	0.54	(07)	12.0
Indiana	18.9*	0.23	(14)	8.0	South Carolina	17.7	0.29	(22)	1.1
Iowa	18.3	0.31	(18)	4.6	South Dakota	17.4	0.61	(26)	-0.6
Kansas	16.3	0.32	(35)	-6.9	Tennessee	17.5	0.24	(25)	0.0
Kentucky	19.4*	0.29	(09)	10.9	Texas	16.3*	0.13	(36)	-6.9
Louisiana	18.7	0.28	(16)	6.9	Utah	12.9*	0.39	(51)	-26.3
Maine	19.8*	0.50	(05)	13.1	Vermont	18.3	0.74	(19)	4.6
Maryland	20.1*	0.27	(03)	14.9	Virginia	17.7	0.22	(23)	1.1
Massachusetts	19.7*	0.23	(06)	12.6	Washington	15.5*	0.23	(42)	-11.4
Michigan	17.6	0.18	(24)	0.6	West Virginia	18.5	0.38	(17)	5.7
Minnesota	15.8*	0.24	(39)	-9.7	Wisconsin	16.9	0.23	(32)	-3.4
Mississippi	16.5	0.33	(33)	-5.7	Wyoming	15.7*	0.78	(41)	-10.3
Missouri	18.0	0.23	(21)	2.9					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 SE Standard error of the rate.
 PD Percent difference between state rate and total U.S. rate.
 * Absolute difference between state rate and total U.S. rate is 10% or more.
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table VI-18
COLON AND RECTUM CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	21.5	0.06							
High Five States									
New Jersey	25.7⊕*	0.35	(01)	19.5					
Rhode Island	25.4*	0.96	(02)	18.1					
District of Columbia	25.2*	1.35	(03)	17.2					
Maryland	24.8⊕*	0.47	(04)	15.3					
Massachusetts	24.8⊕*	0.40	(05)	15.3					
Low Five States									
New Mexico	17.6⊕*	0.67	(47)	-18.1					
Hawaii	17.4⊕*	0.75	(48)	-19.1					
Idaho	17.3⊕*	0.78	(49)	-19.5					
Wyoming	17.1*	1.24	(50)	-20.5					
Utah	15.5⊕*	0.65	(51)	-27.9					
Alabama	18.5⊕*	0.42	(42)	-14.0	Montana	19.8	0.91	(37)	-7.9
Alaska	21.9	1.83	(24)	1.9	Nebraska	23.3	0.73	(13)	8.4
Arizona	18.4⊕*	0.41	(45)	-14.4	Nevada	21.5	0.79	(27)	0.0
Arkansas	21.1	0.55	(31)	-1.9	New Hampshire	22.6	0.92	(16)	5.1
California	18.4⊕*	0.16	(43)	-14.4	New Jersey	25.7⊕*	0.35	(01)	19.5
Colorado	17.7⊕*	0.48	(46)	-17.7	New Mexico	17.6⊕*	0.67	(47)	-18.1
Connecticut	21.6	0.49	(25)	0.5	New York	23.6⊕	0.23	(11)	9.8
Delaware	23.9*	1.18	(10)	11.2	North Carolina	20.7	0.35	(32)	-3.7
District of Columbia	25.2*	1.35	(03)	17.2	North Dakota	22.0	1.08	(21)	2.3
Florida	19.9⊕	0.21	(36)	-7.4	Ohio	23.9⊕*	0.29	(09)	11.2
Georgia	19.2⊕*	0.37	(40)	-10.7	Oklahoma	19.3*	0.47	(39)	-10.2
Hawaii	17.4⊕*	0.75	(48)	-19.1	Oregon	18.4⊕*	0.47	(44)	-14.4
Idaho	17.3⊕*	0.78	(49)	-19.5	Pennsylvania	24.6⊕*	0.27	(06)	14.4
Illinois	24.2⊕*	0.29	(07)	12.6	Rhode Island	25.4*	0.96	(02)	18.1
Indiana	23.0	0.40	(14)	7.0	South Carolina	22.0	0.52	(20)	2.3
Iowa	22.0	0.52	(22)	2.3	South Dakota	21.2	1.01	(29)	-1.4
Kansas	20.6	0.55	(33)	-4.2	Tennessee	21.6	0.41	(26)	0.5
Kentucky	24.0⊕*	0.50	(08)	11.6	Texas	20.3	0.23	(35)	-5.6
Louisiana	22.8	0.49	(15)	6.0	Utah	15.5⊕*	0.65	(51)	-27.9
Maine	23.5	0.84	(12)	9.3	Vermont	22.4	1.26	(19)	4.2
Maryland	24.8⊕*	0.47	(04)	15.3	Virginia	21.2	0.39	(28)	-1.4
Massachusetts	24.8⊕*	0.40	(05)	15.3	Washington	18.5⊕*	0.38	(41)	-14.0
Michigan	22.0	0.31	(23)	2.3	West Virginia	22.4	0.65	(18)	4.2
Minnesota	19.3⊕*	0.41	(38)	-10.2	Wisconsin	21.1	0.40	(30)	-1.9
Mississippi	20.5	0.57	(34)	-4.7	Wyoming	17.1*	1.24	(50)	-20.5
Missouri	22.4	0.40	(17)	4.2					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 SE Standard error of the rate.
 PD Percent difference between state rate and total U.S. rate.
 * Absolute difference between state rate and total U.S. rate is 10% or more.
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table VI-19
 COLON AND RECTUM CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	14.6	0.04							
High Five States									
District of Columbia	17.7*	0.92	(01)	21.2					
New Hampshire	17.2*	0.69	(02)	17.8					
Maine	17.1*	0.62	(03)	17.1					
New Jersey	16.9⊕*	0.24	(04)	15.8					
Pennsylvania	16.7⊕*	0.19	(05)	14.4					
Low Five States									
Arizona	12.4⊕*	0.30	(47)	-15.1					
Hawaii	11.6⊕*	0.57	(48)	-20.5					
Idaho	11.6⊕*	0.58	(49)	-20.5					
New Mexico	11.5⊕*	0.48	(50)	-21.2					
Utah	10.9⊕*	0.49	(51)	-25.3					
Alabama	12.9⊕*	0.29	(44)	-11.6	Montana	12.9*	0.66	(45)	-11.6
Alaska	15.8	1.42	(14)	8.2	Nebraska	14.4	0.51	(29)	-1.4
Arizona	12.4⊕*	0.30	(47)	-15.1	Nevada	13.7	0.57	(34)	-6.2
Arkansas	14.5	0.40	(28)	-0.7	New Hampshire	17.2*	0.69	(02)	17.8
California	12.9⊕*	0.12	(43)	-11.6	New Jersey	16.9⊕*	0.24	(04)	15.8
Colorado	12.4⊕*	0.34	(46)	-15.1	New Mexico	11.5⊕*	0.48	(50)	-21.2
Connecticut	13.9	0.34	(32)	-4.8	New York	16.2⊕*	0.16	(09)	11.0
Delaware	15.7	0.82	(16)	7.5	North Carolina	14.6	0.24	(26)	0.0
District of Columbia	17.7*	0.92	(01)	21.2	North Dakota	14.0	0.80	(30)	-4.1
Florida	13.6⊕	0.15	(35)	-6.8	Ohio	15.9⊕	0.20	(11)	8.9
Georgia	13.5	0.26	(36)	-7.5	Oklahoma	13.9	0.35	(31)	-4.8
Hawaii	11.6⊕*	0.57	(48)	-20.5	Oregon	13.0*	0.35	(42)	-11.0
Idaho	11.6⊕*	0.58	(49)	-20.5	Pennsylvania	16.7⊕*	0.19	(05)	14.4
Illinois	16.0⊕	0.20	(10)	9.6	Rhode Island	15.8	0.64	(13)	8.2
Indiana	15.9	0.28	(12)	8.9	South Carolina	14.6	0.35	(25)	0.0
Iowa	15.6	0.38	(17)	6.8	South Dakota	14.6	0.75	(24)	0.0
Kansas	13.1*	0.38	(41)	-10.3	Tennessee	14.7	0.29	(23)	0.7
Kentucky	16.3*	0.35	(08)	11.6	Texas	13.3⊕	0.16	(38)	-8.9
Louisiana	15.7	0.34	(15)	7.5	Utah	10.9⊕*	0.49	(51)	-25.3
Maine	17.1*	0.62	(03)	17.1	Vermont	15.2	0.88	(19)	4.1
Maryland	16.7⊕*	0.33	(06)	14.4	Virginia	15.1	0.27	(20)	3.4
Massachusetts	16.3⊕*	0.27	(07)	11.6	Washington	13.2⊕	0.28	(40)	-9.6
Michigan	14.5	0.21	(27)	-0.7	West Virginia	15.6	0.46	(18)	6.8
Minnesota	13.2	0.29	(39)	-9.6	Wisconsin	13.8	0.28	(33)	-5.5
Mississippi	13.4	0.39	(37)	-8.2	Wyoming	14.9	1.02	(21)	2.1
Missouri	14.9	0.28	(22)	2.1					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 SE Standard error of the rate.
 PD Percent difference between state rate and total U.S. rate.
 * Absolute difference between state rate and total U.S. rate is 10% or more.
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

SEER Incidence and U.S. Mortality Colon & Rectum, Male By Race

White

Black

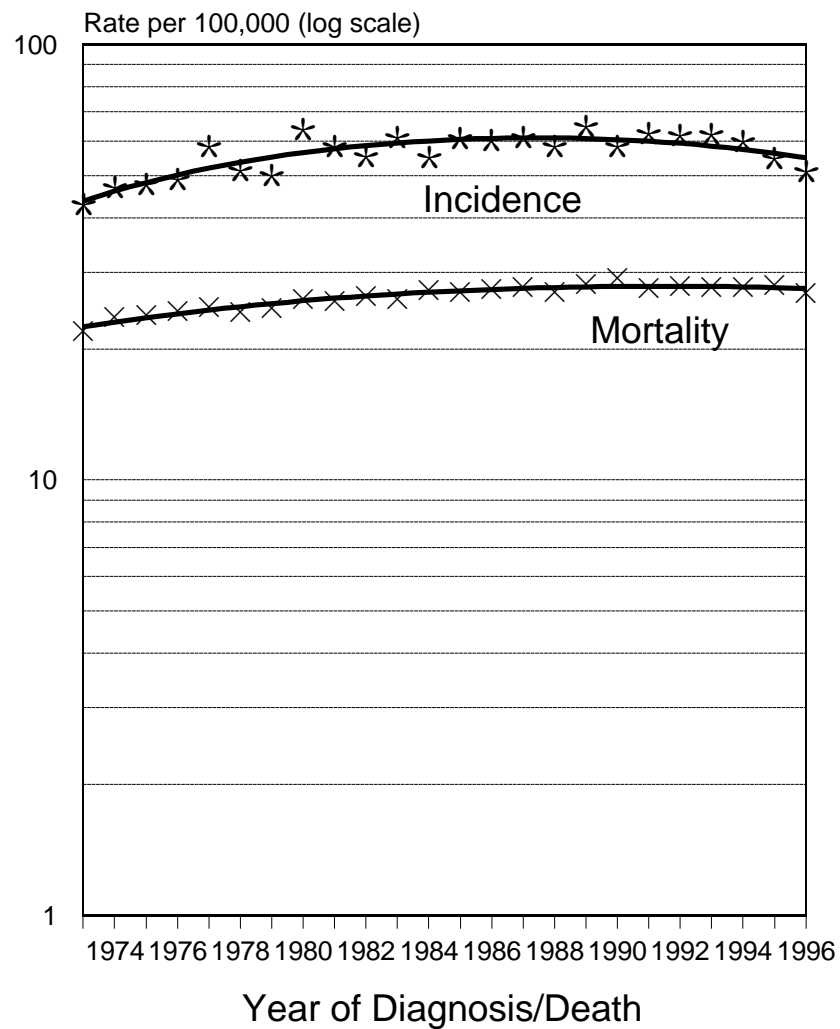
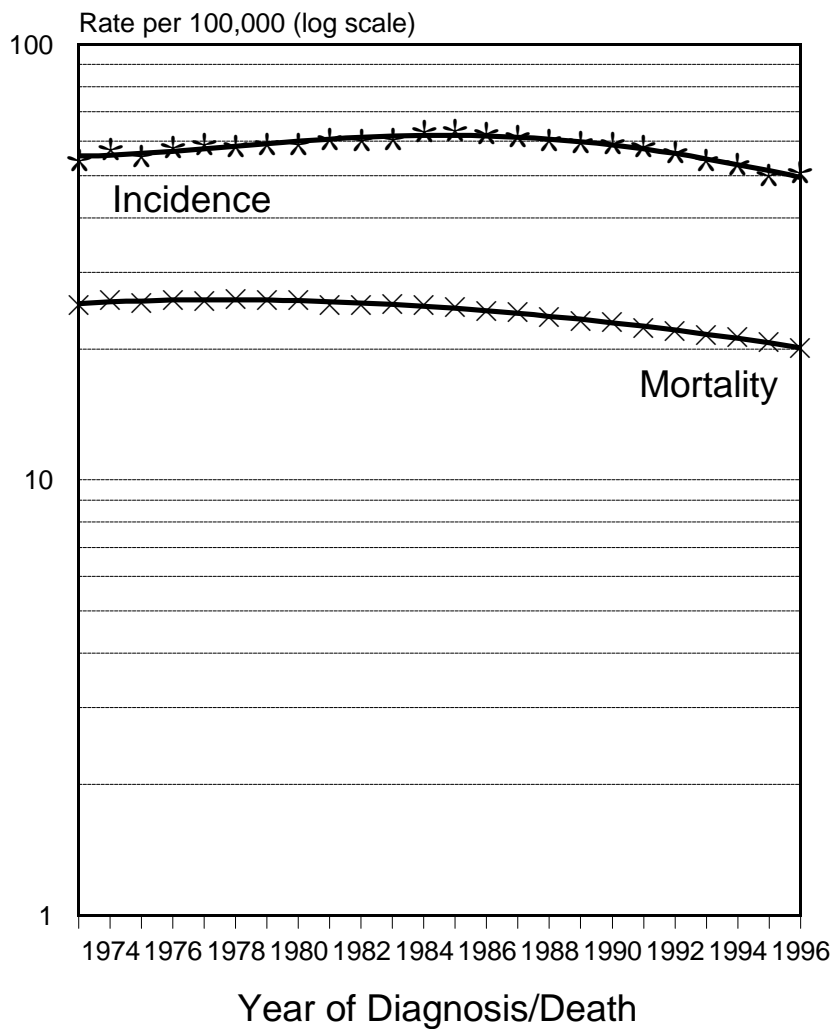


Figure VI-1

SEER Incidence and U.S. Mortality Colon & Rectum, Female By Race

White

Black

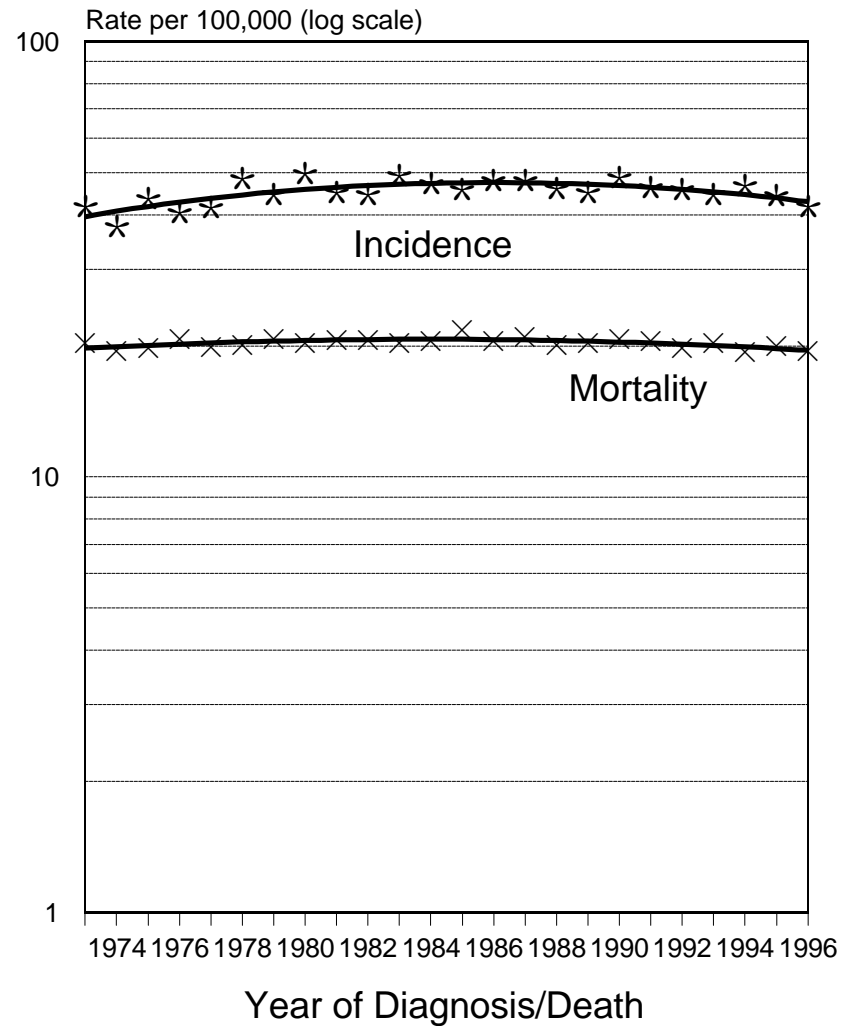
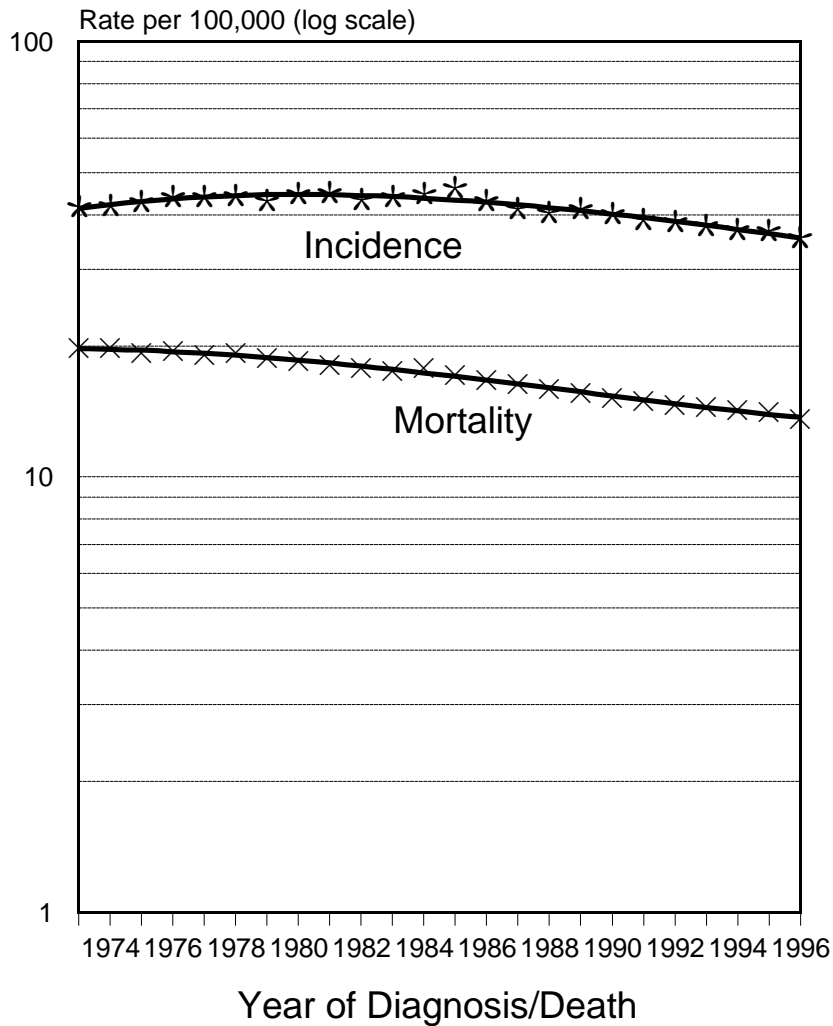


Figure VI-2