

# SECTION V

**Table V-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Colon Cancer**

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>All Races</b>												
1988	9,554	4,695	4,859	42.7	49.9	37.6	4,376	2,122	2,254	19.7	22.9	17.3
1989	9,450	4,548	4,902	41.4	47.9	37.1	4,447	2,182	2,265	19.8	23.8	17.2
1990	9,585	4,766	4,819	40.4	48.3	34.9	4,353	2,185	2,168	18.6	22.8	15.8
1991	9,694	4,782	4,912	39.7	46.4	34.8	4,309	2,067	2,242	17.9	20.9	15.8
1992	9,646	4,819	4,827	38.4	45.6	33.3	4,333	2,114	2,219	17.5	20.8	15.4
1993	9,660	4,716	4,944	37.7	43.7	33.5	4,233	2,069	2,164	16.8	19.9	14.6
1994	9,598	4,797	4,801	36.9	43.6	32.0	4,363	2,103	2,260	17.0	19.6	15.0
1995	9,541	4,752	4,789	35.9	42.2	31.3	4,261	2,168	2,093	16.2	20.0	13.6
1996	9,947	4,811	5,136	36.7	42.0	32.9	4,263	2,113	2,150	15.9	19.0	13.7
1997	10,171	5,021	5,150	36.4	42.1	32.1	4,308	2,104	2,204	15.6	18.4	13.6
1998	10,254	5,017	5,237	35.9	41.2	32.1	4,223	2,120	2,103	14.9	17.8	12.7
1999	10,054	4,906	5,148	34.3	39.2	30.8	4,296	2,138	2,158	14.8	17.6	12.8
<b>Asian/Pacific Islander</b>												
1988	416	219	197	31.9	36.7	28.1	177	97	80	14.4	17.3	12.1
1989	444	235	209	30.9	34.8	27.1	205	112	93	15.0	18.4	12.0
1990	467	250	217	29.7	34.3	26.0	203	113	90	13.3	16.2	11.1
1991	514	258	256	30.4	33.8	27.6	184	95	89	11.6	13.2	10.2
1992	570	301	269	30.1	35.1	26.2	236	111	125	12.9	13.6	12.4
1993	570	302	268	29.2	35.0	24.6	246	135	111	13.3	16.7	10.5
1994	620	336	284	29.4	35.5	24.6	265	137	128	13.2	15.1	11.8
1995	724	393	331	32.1	39.0	26.7	263	144	119	12.3	14.8	10.3
1996	712	340	372	29.7	31.7	28.1	312	158	154	13.4	15.3	12.0
1997	776	406	370	30.2	36.1	25.8	294	143	151	11.8	12.8	11.0
1998	828	401	427	30.2	32.9	28.1	335	179	156	12.5	15.2	10.5
1999	811	381	430	28.2	29.5	27.2	297	154	143	10.5	12.6	8.9
<b>Black</b>												
1988	638	297	341	54.4	62.4	49.8	299	131	168	26.1	28.2	25.0
1989	632	297	335	52.0	58.5	47.8	307	153	154	26.8	33.1	22.6
1990	635	308	327	50.1	56.8	44.8	344	162	182	28.2	31.8	25.7
1991	655	322	333	51.2	60.7	44.7	301	133	168	24.4	25.7	23.1
1992	655	314	341	48.7	55.2	43.9	340	164	176	26.5	31.8	23.1
1993	672	312	360	49.9	56.0	45.9	330	151	179	25.0	27.4	23.1
1994	666	330	336	48.3	59.0	41.5	343	162	181	25.3	29.1	22.9
1995	667	320	347	47.5	55.4	42.2	322	172	150	24.0	32.2	18.7
1996	686	312	374	47.2	50.9	44.1	333	151	182	23.6	25.8	21.7
1997	699	326	373	45.1	48.6	41.9	334	153	181	22.3	24.8	20.5
1998	752	350	402	48.6	56.9	44.1	352	163	189	23.1	25.6	21.1
1999	749	343	406	48.4	53.1	45.0	367	170	197	24.1	28.5	21.7

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.

Note: *In situ* cancers are excluded, unless specified. Rates based on fewer than 15 cases or deaths are not shown. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

**Table V-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Colon Cancer (continued)**

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>Hispanic</b>												
1988	624	341	283	25.2	31.5	20.6	269	140	129	10.9	12.4	9.6
1989	697	332	365	27.3	30.7	25.1	296	152	144	12.3	15.2	10.4
1990	682	331	351	24.6	27.7	22.5	323	172	151	12.6	15.8	10.3
1991	803	434	369	26.8	32.9	22.2	313	155	158	10.8	12.3	9.8
1992	784	392	392	24.9	28.4	22.3	352	191	161	11.4	14.5	9.3
1993	781	379	402	22.9	24.9	21.3	330	171	159	10.3	12.2	8.8
1994	832	405	427	23.6	27.4	21.1	361	188	173	10.3	12.5	8.8
1995	879	453	426	23.1	27.2	20.1	376	194	182	10.4	12.4	8.9
1996	934	468	466	24.2	27.4	21.7	402	212	190	10.7	13.5	8.8
1997	940	502	438	21.8	25.4	18.7	397	200	197	10.2	11.7	9.0
1998	1,097	558	539	25.3	29.0	22.4	437	247	190	10.6	13.8	8.1
1999	1,109	561	548	23.8	27.5	21.2	490	255	235	11.0	13.8	9.2
<b>Non-Hispanic White</b>												
1988	7,826	3,817	4,009	45.0	52.7	39.4	3,622	1,751	1,871	20.8	24.5	18.2
1989	7,615	3,650	3,965	43.3	50.4	38.5	3,632	1,764	1,868	20.8	24.9	18.1
1990	7,741	3,849	3,892	42.6	51.7	36.5	3,470	1,733	1,737	19.3	23.9	16.3
1991	7,673	3,739	3,934	41.5	48.5	36.5	3,498	1,680	1,818	19.1	22.6	16.7
1992	7,587	3,785	3,802	40.3	48.5	34.5	3,402	1,645	1,757	18.2	21.8	15.9
1993	7,561	3,684	3,877	39.8	46.6	34.9	3,322	1,610	1,712	17.6	21.1	15.3
1994	7,416	3,691	3,725	38.9	46.3	33.4	3,385	1,613	1,772	17.8	20.7	15.7
1995	7,193	3,546	3,647	37.4	44.1	32.6	3,293	1,655	1,638	17.2	21.3	14.4
1996	7,538	3,649	3,889	38.9	45.2	34.4	3,209	1,586	1,623	16.5	20.0	14.1
1997	7,665	3,736	3,929	39.0	45.3	34.3	3,267	1,601	1,666	16.7	20.1	14.3
1998	7,492	3,666	3,826	37.5	43.6	33.1	3,090	1,527	1,563	15.5	18.6	13.2
1999	7,277	3,564	3,713	35.8	41.6	31.7	3,136	1,554	1,582	15.4	18.5	13.1

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.

Note: *In situ* cancers are excluded, unless specified. Rates based on fewer than 15 cases or deaths are not shown.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

# SECTION V

**Table V-2. Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 1995-1999, Colon Cancer**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>All Races</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	8	5	3	0	0	0	2	1	1	0	0	0
15 - 19	11	7	4	0	0	0	10	6	4	0	0	0
20 - 24	51	31	20	0	1	0	17	12	5	0	0	0
25 - 29	98	50	48	1	1	1	36	19	17	0	0	0
30 - 34	280	138	142	2	2	2	92	42	50	1	1	1
35 - 39	579	313	266	4	4	4	161	79	82	1	1	1
40 - 44	910	442	468	7	7	7	314	152	162	2	2	3
45 - 49	1,556	794	762	14	14	14	556	299	257	5	5	5
50 - 54	2,412	1,299	1,113	28	30	25	857	472	385	10	11	9
55 - 59	3,239	1,814	1,425	48	55	41	1,191	664	527	18	20	15
60 - 64	4,480	2,476	2,004	81	93	70	1,764	1,014	750	32	38	26
65 - 69	6,094	3,356	2,738	120	142	101	2,333	1,292	1,041	46	55	38
70 - 74	7,909	4,074	3,835	169	199	146	3,178	1,729	1,449	68	84	55
75 - 79	8,489	4,170	4,319	234	275	205	3,540	1,868	1,672	98	123	79
80 - 84	7,032	3,169	3,863	296	351	263	3,315	1,594	1,721	140	176	117
85 +	6,819	2,369	4,450	349	396	329	3,985	1,400	2,585	204	234	191
Total/Crude	49,967	24,507	25,460	30	30	31	21,351	10,643	10,708	13	13	13
<b>Asian/Pacific Islander</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	1	1	0	0	0	0	1	1	0	0	0	0
15 - 19	2	2	0	0	0	0	2	1	1	0	0	0
20 - 24	9	7	2	1	1	0	4	4	0	0	1	0
25 - 29	7	3	4	0	0	1	5	3	2	0	0	0
30 - 34	30	14	16	2	2	2	13	6	7	1	1	1
35 - 39	71	35	36	4	5	4	23	8	15	1	1	2
40 - 44	109	50	59	7	7	8	35	14	21	2	2	3
45 - 49	176	75	101	14	12	15	75	30	45	6	5	7
50 - 54	270	119	151	29	27	31	91	45	46	10	10	10
55 - 59	308	153	155	44	45	42	106	59	47	15	17	13
60 - 64	432	229	203	75	87	66	143	86	57	25	33	18
65 - 69	551	281	270	110	128	96	198	97	101	40	44	36
70 - 74	622	339	283	146	185	116	223	117	106	52	64	44
75 - 79	525	268	257	174	206	151	215	129	86	71	99	50
80 - 84	420	204	216	236	268	213	179	95	84	101	125	83
85 +	318	141	177	231	236	228	188	83	105	137	139	135
Total/Crude	3,851	1,921	1,930	21	22	21	1,501	778	723	8	9	8
<b>Black</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	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
15 - 19	0	0	0	0	0	0	1	0	1	0	0	0
20 - 24	3	3	0	0	1	0	1	1	0	0	0	0
25 - 29	11	8	3	1	2	1	6	5	1	1	1	0
30 - 34	30	17	13	3	3	3	6	3	3	1	1	1
35 - 39	63	28	35	6	6	7	24	9	15	2	2	3
40 - 44	101	48	53	11	11	12	53	23	30	6	5	7
45 - 49	154	71	83	21	21	21	58	24	34	8	7	9
50 - 54	229	117	112	43	47	39	97	42	55	18	17	19
55 - 59	343	175	168	79	86	73	136	72	64	31	35	28
60 - 64	432	209	223	123	128	118	199	107	92	57	65	49
65 - 69	479	243	236	172	198	151	202	109	93	72	89	60
70 - 74	518	254	264	218	257	190	271	137	134	114	139	97
75 - 79	486	228	258	282	340	244	246	127	119	143	190	113
80 - 84	355	147	208	332	397	297	186	86	100	174	232	143
85 +	349	103	246	417	420	416	222	64	158	265	261	267
Total/Crude	3,553	1,651	1,902	31	29	33	1,708	809	899	15	14	15

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.

Note: *In situ* cancers are excluded, unless specified. Race/ethnicity categories are mutually exclusive.

Persons of Hispanic ethnicity may be of any race.

**Table V-2. Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 1995-1999, Colon Cancer (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>Hispanic</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	5	3	2	0	0	0	1	0	1	0	0	0
15 - 19	8	4	4	0	0	0	5	4	1	0	0	0
20 - 24	23	13	10	1	1	1	8	4	4	0	0	0
25 - 29	36	22	14	1	1	1	6	2	4	0	0	0
30 - 34	89	41	48	2	2	2	24	10	14	1	0	1
35 - 39	123	63	60	3	3	3	29	15	14	1	1	1
40 - 44	174	83	91	5	5	6	44	19	25	1	1	2
45 - 49	234	124	110	10	10	10	97	49	48	4	4	4
50 - 54	346	177	169	21	21	20	129	69	60	8	8	7
55 - 59	408	220	188	33	37	30	140	75	65	11	13	10
60 - 64	550	319	231	57	69	46	228	128	100	24	28	20
65 - 69	730	415	315	90	111	72	272	165	107	33	44	24
70 - 74	718	391	327	113	139	93	335	187	148	53	67	42
75 - 79	631	317	314	153	184	131	284	152	132	69	88	55
80 - 84	442	188	254	176	199	162	223	112	111	89	119	71
85 +	442	162	280	185	196	180	277	117	160	116	142	103
Total/Crude	4,959	2,542	2,417	10	10	10	2,102	1,108	994	4	4	4
<b>Non-Hispanic White</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	2	1	1	0	0	0	0	0	0	0	0	0
15 - 19	1	1	0	0	0	0	2	1	1	0	0	0
20 - 24	16	8	8	0	0	0	4	3	1	0	0	0
25 - 29	42	15	27	1	1	1	19	9	10	0	0	0
30 - 34	130	66	64	2	2	2	49	23	26	1	1	1
35 - 39	310	179	131	4	5	3	84	47	37	1	1	1
40 - 44	515	257	258	7	7	7	181	95	86	2	3	2
45 - 49	971	516	455	15	15	14	325	196	129	5	6	4
50 - 54	1,537	871	666	28	31	24	535	314	221	10	11	8
55 - 59	2,147	1,243	904	49	58	41	806	457	349	19	21	16
60 - 64	3,022	1,692	1,330	83	96	72	1,190	691	499	33	39	27
65 - 69	4,270	2,377	1,893	124	145	104	1,656	917	739	48	56	41
70 - 74	5,983	3,053	2,930	178	207	156	2,342	1,283	1,059	70	87	56
75 - 79	6,788	3,325	3,463	249	291	219	2,786	1,456	1,330	102	128	84
80 - 84	5,771	2,608	3,163	316	377	278	2,724	1,298	1,426	149	187	126
85 +	5,660	1,949	3,711	382	456	352	3,292	1,133	2,159	222	265	205
Total/Crude	37,165	18,161	19,004	43	43	44	15,995	7,923	8,072	19	19	19

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.  
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.  
 Note: *In situ* cancers are excluded, unless specified. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

SECTION V

**Table V-3. Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-1999, Invasive Colon Cancer**

Both Sexes Combined											
Year of Diagnosis	Stage at Diagnosis										
	Stage I		Stage II		Stage III		Stage IV		Unknown Stage		
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	
<b>All Races</b>											
1994	1,953	7.5	2,937	11.4	2,103	8.0	1,700	6.4	697	2.8	
1995	2,000	7.5	2,805	10.6	2,177	8.1	1,735	6.5	568	2.2	
1996	2,089	7.7	2,923	10.8	2,198	8.1	1,806	6.6	677	2.6	
1997	2,097	7.5	3,023	10.9	2,225	7.9	1,877	6.7	706	2.6	
1998	2,204	7.7	3,090	10.9	2,334	8.1	1,851	6.4	524	1.9	
1999	2,165	7.4	3,000	10.3	2,272	7.7	1,859	6.3	524	1.8	
<b>Asian/Pacific Islander</b>											
1994	120	5.7	186	8.8	135	6.3	120	5.4	46	2.5	
1995	147	6.5	211	9.3	195	8.6	113	4.9	41	2.1	
1996	135	5.5	225	9.4	172	7.2	132	5.4	37	1.8	
1997	169	6.7	208	8.0	186	7.0	143	5.5	54	2.5	
1998	169	6.2	238	8.9	221	7.7	148	5.4	34	1.4	
1999	173	6.1	224	8.0	219	7.5	147	5.0	33	1.2	
<b>Black</b>											
1994	140	10.4	170	12.1	142	10.1	142	9.9	59	4.8	
1995	134	9.4	167	12.0	153	10.7	145	10.3	51	4.0	
1996	133	9.0	161	11.6	150	9.9	157	10.4	65	4.8	
1997	125	8.0	181	11.7	145	9.3	160	10.0	57	4.0	
1998	133	8.5	197	12.9	172	11.0	175	10.9	45	3.3	
1999	155	9.9	211	13.8	146	9.2	160	10.1	47	3.5	
<b>Hispanic</b>											
1994	139	4.0	264	8.0	202	5.6	161	4.1	50	1.5	
1995	161	4.3	267	7.1	206	5.2	174	4.6	44	1.3	
1996	180	4.7	281	7.4	221	5.5	170	4.3	60	1.8	
1997	174	4.2	285	6.7	221	4.9	186	4.2	44	1.2	
1998	204	4.9	351	8.1	259	5.8	204	4.6	51	1.3	
1999	219	4.9	314	6.9	268	5.5	234	4.9	52	1.3	
<b>Non-Hispanic White</b>											
1994	1,531	8.0	2,307	12.1	1,616	8.5	1,275	6.7	526	2.8	
1995	1,533	7.9	2,146	11.1	1,614	8.4	1,299	6.8	418	2.2	
1996	1,621	8.3	2,245	11.5	1,645	8.5	1,338	6.9	494	2.6	
1997	1,593	8.1	2,340	11.8	1,661	8.5	1,382	7.1	534	2.7	
1998	1,673	8.4	2,287	11.4	1,668	8.4	1,314	6.6	380	1.9	
1999	1,589	7.8	2,228	10.9	1,626	8.0	1,300	6.5	372	1.8	

(Table Continues)

Prepared by the California Department of Health Services, Cancer Surveillance Section.

Source: California Cancer Registry (08/01).

Note: Stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) converted to summary stage consistent with the Manual for Staging of Cancer, Third Edition, of the American Joint Committee on Cancer (AJCC), as modified by SEER.

Excludes invasive cases defined as in situ by either EOD or AJCC (2.3% of cases) and those which could not be staged because of coding errors (less than 0.2%).

Information on EOD is not available for cases diagnosed prior to 1994, except for breast. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

**Table V-3. Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-1999, Invasive Colon Cancer (continued)**

**Males**

Year of Diagnosis	Stage at Diagnosis									
	Stage I		Stage II		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
<b>All Races</b>										
1994	1,062	9.6	1,409	13.0	1,009	9.1	870	7.7	338	3.3
1995	1,047	9.2	1,342	12.0	1,055	9.2	905	8.0	260	2.5
1996	1,112	9.6	1,372	12.1	1,001	8.6	886	7.6	314	3.1
1997	1,098	9.1	1,467	12.5	1,045	8.6	963	7.8	316	3.0
1998	1,174	9.6	1,468	12.3	1,087	8.7	929	7.5	219	2.0
1999	1,122	8.9	1,406	11.4	1,101	8.7	899	7.0	248	2.3
<b>Asian/Pacific Islander</b>										
1994	72	7.9	95	10.3	62	6.3	76	7.5	23	2.7
1995	86	8.4	109	10.8	100	10.1	65	6.5	21	2.3
1996	67	6.2	108	10.1	79	7.3	68	6.3	15	1.6
1997	84	7.4	111	9.8	102	8.8	74	6.6	27	2.9
1998	85	6.9	123	10.3	97	7.6	76	6.3	9	-
1999	88	6.9	104	8.3	93	7.0	71	5.4	17	1.4
<b>Black</b>										
1994	57	10.5	88	15.0	67	11.9	76	13.4	34	6.8
1995	71	12.3	72	12.7	72	11.9	72	12.7	25	4.5
1996	67	10.2	84	14.4	58	9.5	62	9.6	33	6.1
1997	53	8.0	86	12.7	66	10.0	82	11.9	23	3.5
1998	62	10.0	92	15.3	79	12.8	82	12.0	22	4.4
1999	73	10.4	77	12.5	73	11.0	85	13.1	21	4.0
<b>Hispanic</b>										
1994	79	5.2	126	9.4	83	5.8	82	5.0	25	1.6
1995	92	5.8	134	8.1	106	6.0	83	4.9	22	1.6
1996	90	5.4	146	8.3	105	5.9	87	5.0	28	2.1
1997	100	5.2	148	7.6	109	5.1	106	5.2	22	1.5
1998	108	5.6	174	9.1	132	6.7	104	5.2	24	1.6
1999	117	5.9	164	8.0	124	5.9	115	5.5	26	1.6
<b>Non-Hispanic White</b>										
1994	842	10.4	1,095	13.8	794	9.9	634	7.8	248	3.4
1995	784	9.6	1,021	12.7	772	9.5	683	8.5	186	2.6
1996	874	10.6	1,031	12.9	755	9.3	663	8.1	224	3.1
1997	843	10.1	1,115	13.8	758	9.1	698	8.2	234	3.1
1998	905	10.6	1,071	13.0	773	9.1	661	7.8	159	2.1
1999	826	9.5	1,048	12.4	803	9.3	624	7.1	173	2.3

(Table Continues)

Prepared by the California Department of Health Services, Cancer Surveillance Section.

Source: California Cancer Registry (08/01).

Note: Stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) converted to summary stage consistent with the Manual for Staging of Cancer, Third Edition, of the American Joint Committee on Cancer (AJCC), as modified by SEER.

Excludes invasive cases defined as in situ by either EOD or AJCC (2.3% of cases) and those which could not be staged because of coding errors (less than 0.2%).

Information on EOD is not available for cases diagnosed prior to 1994, except for breast. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

# SECTION V

**Table V-3. Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-1999, Invasive Colon Cancer (continued)**

Year of Diagnosis	Stage at Diagnosis									
	Stage I		Stage II		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
<b>All Races</b>										
1994	891	5.9	1,528	10.2	1,094	7.3	830	5.5	359	2.4
1995	953	6.2	1,463	9.5	1,122	7.4	830	5.5	308	2.0
1996	977	6.3	1,551	9.9	1,197	7.7	920	5.9	363	2.3
1997	999	6.3	1,556	9.7	1,180	7.4	914	5.7	390	2.4
1998	1,030	6.3	1,622	9.9	1,247	7.7	922	5.7	305	1.8
1999	1,043	6.3	1,594	9.5	1,171	7.0	960	5.8	276	1.6
<b>Asian/Pacific Islander</b>										
1994	48	3.9	91	7.7	73	6.3	44	3.8	23	2.4
1995	61	5.0	102	8.2	95	7.5	48	3.7	20	2.0
1996	68	4.9	117	8.8	93	7.1	64	4.7	22	2.0
1997	85	6.1	97	6.7	84	5.7	69	4.6	27	2.2
1998	84	5.6	115	7.7	124	7.8	72	4.7	25	1.9
1999	85	5.4	120	7.7	126	8.0	76	4.6	16	1.1
<b>Black</b>										
1994	83	10.4	82	10.2	75	9.1	66	7.8	25	3.4
1995	63	7.5	95	11.6	81	9.7	73	8.8	26	3.5
1996	66	7.9	77	9.4	92	10.5	95	10.9	32	4.0
1997	72	8.1	95	10.7	79	8.8	78	8.5	34	4.1
1998	71	7.8	105	11.7	93	10.1	93	10.1	23	2.7
1999	82	9.2	134	14.9	73	7.9	75	8.1	26	3.1
<b>Hispanic</b>										
1994	60	3.1	138	7.2	119	5.6	79	3.6	25	1.4
1995	69	3.2	133	6.4	100	4.5	91	4.3	22	1.2
1996	90	4.2	135	6.5	116	5.2	83	3.7	32	1.6
1997	74	3.3	137	5.9	112	4.6	80	3.3	22	1.0
1998	96	4.2	177	7.3	127	5.1	100	4.1	27	1.2
1999	102	4.0	150	6.0	144	5.3	119	4.4	26	1.1
<b>Non-Hispanic White</b>										
1994	689	6.2	1,212	10.8	822	7.5	641	5.9	278	2.4
1995	749	6.6	1,125	9.9	842	7.7	616	5.7	232	2.0
1996	747	6.6	1,214	10.5	890	8.0	675	6.2	270	2.2
1997	750	6.6	1,225	10.6	903	8.0	684	6.1	300	2.4
1998	768	6.6	1,216	10.4	895	7.8	653	5.8	221	1.8
1999	763	6.6	1,180	9.9	823	7.1	676	6.0	199	1.5

Prepared by the California Department of Health Services, Cancer Surveillance Section.

Source: California Cancer Registry (08/01).

Note: Stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) converted to summary stage consistent with the Manual for Staging of Cancer, Third Edition, of the American Joint Committee on Cancer (AJCC), as modified by SEER.

Excludes invasive cases defined as in situ by either EOD or AJCC (2.3% of cases) and those which could not be staged because of coding errors (less than 0.2%).

Information on EOD is not available for cases diagnosed prior to 1994, except for breast. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

**Table V-4. Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in Remaining Lifetime, Assuming Cancer Free at Current Age, and Lifetime Risk of Being Diagnosed with or Dying of Cancer by Race/Ethnicity and Sex, Colon Cancer**

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
<b>All Races</b>									
0	0.00	0.00	0.01	4.03	0.00	0.00	0.01	4.05	
25	0.01	0.06	0.26	4.11	0.01	0.07	0.25	4.10	
35	0.05	0.25	0.87	4.16	0.05	0.24	0.73	4.11	
45	0.21	0.84	2.06	4.21	0.19	0.69	1.67	4.10	
55	0.67	1.95	3.42	4.22	0.52	1.53	2.92	4.04	
65	1.44	3.10	-	3.99	1.09	2.60	-	3.80	
Lifetime Risk of Being Diagnosed = 4.03 %				Lifetime Risk of Being Diagnosed = 4.05 %					
Lifetime Risk of Dying of Cancer = 1.93 %				Lifetime Risk of Dying of Cancer = 1.87 %					
<b>Asian/Pacific Islander</b>									
0	0.00	0.00	0.01	4.23	0.00	0.00	0.00	4.48	
25	0.01	0.07	0.25	4.28	0.01	0.07	0.29	4.52	
35	0.06	0.25	0.83	4.30	0.06	0.28	0.79	4.52	
45	0.19	0.78	2.02	4.29	0.22	0.73	1.64	4.50	
55	0.61	1.89	3.26	4.23	0.52	1.45	2.71	4.36	
65	1.39	2.88	-	3.93	0.98	2.30	-	4.04	
Lifetime Risk of Being Diagnosed = 4.23 %				Lifetime Risk of Being Diagnosed = 4.48 %					
Lifetime Risk of Dying of Cancer = 1.94 %				Lifetime Risk of Dying of Cancer = 2.01 %					
<b>Black</b>									
0	0.00	0.00	0.01	3.69	0.00	0.00	0.00	4.32	
25	0.02	0.10	0.38	3.83	0.02	0.10	0.38	4.41	
35	0.08	0.37	1.17	3.92	0.09	0.37	1.15	4.45	
45	0.31	1.15	2.45	4.04	0.29	1.09	2.28	4.49	
55	0.94	2.38	3.62	4.16	0.86	2.12	3.42	4.47	
65	1.78	3.31	-	3.98	1.44	2.93	-	4.14	
Lifetime Risk of Being Diagnosed = 3.69 %				Lifetime Risk of Being Diagnosed = 4.32 %					
Lifetime Risk of Dying of Cancer = 1.98 %				Lifetime Risk of Dying of Cancer = 2.22 %					
<b>Hispanic</b>									
0	0.00	0.00	0.01	3.17	0.00	0.00	0.01	3.15	
25	0.01	0.05	0.19	3.24	0.01	0.06	0.20	3.18	
35	0.04	0.18	0.64	3.28	0.04	0.19	0.54	3.19	
45	0.15	0.61	1.55	3.32	0.15	0.50	1.19	3.18	
55	0.49	1.47	2.53	3.33	0.36	1.07	2.01	3.11	
65	1.09	2.25	-	3.14	0.75	1.76	-	2.93	
Lifetime Risk of Being Diagnosed = 3.17 %				Lifetime Risk of Being Diagnosed = 3.15 %					
Lifetime Risk of Dying of Cancer = 1.70 %				Lifetime Risk of Dying of Cancer = 1.50 %					
<b>Non-Hispanic White</b>									
0	0.00	0.00	0.00	4.20	0.00	0.00	0.01	4.16	
25	0.01	0.07	0.28	4.27	0.01	0.07	0.24	4.19	
35	0.05	0.27	0.92	4.31	0.05	0.23	0.74	4.20	
45	0.22	0.89	2.16	4.37	0.18	0.70	1.73	4.20	
55	0.71	2.04	3.59	4.36	0.53	1.59	3.07	4.15	
65	1.50	3.24	-	4.12	1.15	2.74	-	3.91	
Lifetime Risk of Being Diagnosed = 4.20 %				Lifetime Risk of Being Diagnosed = 4.16 %					
Lifetime Risk of Dying of Cancer = 1.97 %				Lifetime Risk of Dying of Cancer = 1.89 %					

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.

Note: Based on average annual age-specific cancer incidence and mortality rates in California, 1995-1999.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.