

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2017, Colon Cancer

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
1988	9,314	4,489	4,825	40.8	47.2	36.4	4,376	2,122	2,254	19.3	22.6	16.9
1989	9,212	4,361	4,851	39.6	45.2	36.0	4,447	2,182	2,265	19.4	23.4	16.8
1990	9,302	4,527	4,775	39.2	46.0	34.6	4,353	2,185	2,168	18.6	22.8	15.8
1991	9,445	4,559	4,886	39.0	44.8	34.8	4,309	2,067	2,242	18.0	21.1	15.9
1992	9,382	4,590	4,792	37.9	44.3	33.4	4,333	2,114	2,219	17.8	21.1	15.5
1993	9,411	4,499	4,912	37.3	42.4	33.6	4,233	2,069	2,164	17.0	20.2	14.8
1994	9,363	4,599	4,764	36.5	42.5	32.1	4,363	2,103	2,260	17.2	19.9	15.2
1995	9,320	4,553	4,767	35.6	41.1	31.6	4,261	2,168	2,093	16.4	20.2	13.8
1996	9,723	4,617	5,106	36.6	41.2	33.3	4,263	2,113	2,150	16.1	19.3	13.9
1997	10,004	4,859	5,145	36.7	41.8	32.8	4,308	2,104	2,204	16.0	18.8	13.9
1998	10,181	4,897	5,284	36.5	41.1	33.2	4,223	2,120	2,103	15.3	18.2	13.1
1999	10,225	4,889	5,336	35.8	40.2	32.6	4,296	2,138	2,158	15.2	18.1	13.1
2000	10,187	4,874	5,313	34.9	38.9	31.8	4,374	2,113	2,261	15.1	17.5	13.4
2001	10,261	4,935	5,326	34.4	38.7	31.2	4,427	2,185	2,242	15.0	17.6	13.0
2002	10,219	4,967	5,252	33.6	37.9	30.3	4,358	2,131	2,227	14.4	16.6	12.7
2003	10,359	5,032	5,327	33.3	37.3	30.1	4,470	2,213	2,257	14.5	16.9	12.5
2004	10,052	4,861	5,191	31.6	35.0	29.0	4,290	2,094	2,196	13.6	15.7	12.1
2005	10,296	4,879	5,417	31.7	34.4	29.6	4,264	2,167	2,097	13.2	15.7	11.3
2006	10,341	4,978	5,363	31.4	34.4	29.0	4,229	2,086	2,143	12.9	14.9	11.4
2007	10,492	5,118	5,374	31.2	34.4	28.5	4,139	2,088	2,051	12.3	14.6	10.6
2008	10,740	5,208	5,532	31.2	34.1	28.7	4,191	2,040	2,151	12.1	13.8	10.9
2009	10,390	5,091	5,299	29.4	32.4	27.0	4,192	2,125	2,067	11.9	14.0	10.2
2010	10,022	4,861	5,161	27.5	30.0	25.6	4,117	2,078	2,039	11.3	13.3	9.8
2011	9,882	4,831	5,051	26.4	28.8	24.4	4,280	2,162	2,118	11.4	13.4	10.0
2012	9,688	4,719	4,969	25.3	27.4	23.6	4,122	2,077	2,045	10.8	12.4	9.4
2013	9,655	4,670	4,985	24.5	26.1	23.1	4,125	2,062	2,063	10.5	12.0	9.3
2014	10,137	5,111	5,026	25.0	27.8	22.8	4,143	2,137	2,006	10.2	12.0	8.8
2015	10,305	5,127	5,178	24.9	27.1	23.0	4,347	2,193	2,154	10.4	11.9	9.2
2016	10,104	4,974	5,130	23.9	25.4	22.5	4,129	2,071	2,058	9.7	11.0	8.7
2017	10,091	5,033	5,058	23.3	25.3	21.6	4,157	2,109	2,048	9.6	10.9	8.4

(Table Continues)

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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.

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ASIAN/PACIFIC ISLANDER												
1988	407	213	194	30.4	35.7	26.4	177	97	80	13.8	17.0	11.5
1989	447	240	207	29.8	34.1	25.7	205	112	93	14.5	17.8	11.5
1990	460	245	215	28.5	33.0	24.9	203	113	90	13.1	15.9	11.0
1991	512	258	254	30.2	33.6	27.3	184	95	89	11.5	13.2	10.1
1992	570	298	272	30.0	34.8	26.3	236	111	125	12.9	13.6	12.3
1993	569	302	267	28.9	34.8	24.2	248	137	111	13.5	17.2	10.5
1994	618	329	289	28.7	34.2	24.4	266	137	129	13.2	15.0	11.8
1995	735	400	335	32.1	39.1	26.7	263	144	119	12.3	14.7	10.3
1996	710	333	377	29.2	30.8	27.9	312	158	154	13.3	15.2	11.8
1997	798	414	384	31.1	37.1	26.5	296	144	152	12.1	13.2	11.3
1998	838	402	436	30.2	32.8	28.2	336	179	157	12.6	15.2	10.5
1999	847	395	452	28.8	30.6	27.5	298	154	144	10.5	13.1	8.6
2000	888	438	450	28.7	32.8	25.7	328	180	148	11.0	13.9	8.8
2001	994	476	518	30.4	34.0	27.9	362	184	178	11.7	13.8	10.2
2002	1,043	524	519	30.0	34.7	26.5	372	195	177	11.1	14.0	9.2
2003	979	505	474	27.0	32.4	23.1	387	193	194	11.1	12.9	9.7
2004	1,057	493	564	27.7	29.8	26.2	424	208	216	11.7	13.5	10.4
2005	1,127	494	633	27.7	28.1	27.4	415	206	209	10.7	12.4	9.4
2006	1,151	556	595	27.4	30.6	25.0	403	193	210	10.0	11.1	9.1
2007	1,215	570	645	27.3	29.6	25.6	420	193	227	10.0	10.9	9.4
2008	1,288	589	699	27.3	28.5	26.3	440	215	225	9.9	11.4	8.8
2009	1,281	621	660	26.0	28.9	23.7	452	222	230	9.7	11.2	8.5
2010	1,220	576	644	24.0	26.3	22.2	457	221	236	9.3	10.6	8.3
2011	1,278	613	665	23.9	26.4	22.1	512	248	264	9.7	11.0	8.7
2012	1,267	602	665	22.6	24.7	21.0	529	254	275	9.6	10.8	8.7
2013	1,290	635	655	21.6	24.2	19.6	506	260	246	8.6	10.3	7.4
2014	1,390	698	692	22.0	25.3	19.6	547	277	270	8.9	10.4	7.7
2015	1,417	698	719	21.7	24.3	19.6	602	304	298	9.4	11.0	8.1
2016	1,403	704	699	20.8	23.5	18.5	554	278	276	8.3	9.7	7.2
2017	1,381	661	720	19.2	20.9	18.0	557	278	279	7.9	9.2	6.9

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
1988	610	270	340	51.1	56.6	48.4	301	132	169	25.8	28.3	24.5
1989	616	277	339	49.9	55.3	47.1	307	153	154	26.2	32.6	22.1
1990	611	280	331	48.0	51.7	44.9	342	161	181	27.8	31.2	25.3
1991	622	289	333	48.9	55.2	44.7	302	133	169	24.5	25.6	23.2
1992	629	288	341	47.1	50.9	44.1	340	164	176	26.6	32.0	23.1
1993	648	287	361	48.4	52.0	46.2	330	151	179	24.9	27.3	23.1
1994	659	312	347	48.0	55.9	43.2	343	162	181	25.3	28.9	23.0
1995	644	290	354	45.8	49.9	43.1	323	173	150	23.9	32.0	18.7
1996	657	287	370	45.7	47.5	44.1	333	151	182	23.7	25.8	21.9
1997	695	312	383	46.2	47.4	44.5	335	153	182	23.0	25.5	21.3
1998	752	335	417	49.9	55.7	47.3	351	164	187	23.5	26.4	21.6
1999	774	337	437	49.9	51.9	48.5	367	170	197	23.9	28.3	21.7
2000	723	308	415	45.4	46.3	44.7	355	159	196	22.8	25.7	21.5
2001	743	342	401	45.0	47.9	42.5	402	195	207	25.1	29.8	22.2
2002	708	323	385	42.4	47.2	39.7	358	182	176	22.3	27.3	18.8
2003	784	359	425	45.3	48.6	43.0	372	161	211	22.0	23.0	21.4
2004	794	382	412	44.8	50.5	40.8	397	179	218	23.1	25.2	21.8
2005	848	389	459	47.2	50.8	44.5	372	190	182	21.3	26.0	18.1
2006	852	387	465	46.3	47.9	44.6	385	181	204	21.4	24.0	19.5
2007	807	354	453	42.2	42.4	42.1	361	181	180	20.0	24.5	17.1
2008	861	398	463	44.6	47.1	42.7	372	173	199	19.8	22.2	18.2
2009	872	403	469	43.2	45.4	41.5	364	167	197	19.1	20.1	18.3
2010	789	356	433	37.9	39.5	37.4	357	178	179	17.8	20.6	15.7
2011	791	374	417	36.9	40.1	34.6	414	212	202	20.2	24.7	17.1
2012	759	362	397	34.9	38.1	32.6	396	187	209	18.6	20.8	17.2
2013	772	367	405	34.1	36.1	32.6	348	172	176	15.9	18.3	14.1
2014	771	362	409	33.3	34.5	32.2	362	188	174	16.1	19.0	13.8
2015	740	356	384	30.9	32.8	29.1	377	183	194	16.2	17.9	15.0
2016	699	336	363	28.2	29.2	27.2	335	165	170	14.1	15.3	12.8
2017	705	335	370	28.6	30.3	27.3	339	180	159	14.2	17.7	11.7

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
HISPANIC												
1988	605	323	282	23.5	28.4	19.9	274	138	136	10.9	11.8	10.1
1989	684	323	361	25.7	28.1	24.1	300	146	154	11.9	13.6	10.8
1990	664	308	356	24.2	26.4	22.9	331	171	160	12.7	15.5	10.8
1991	772	405	367	26.4	31.5	22.5	322	151	171	11.4	12.3	10.8
1992	775	376	399	25.6	28.9	23.4	346	177	169	11.8	14.0	10.3
1993	767	361	406	24.1	25.8	22.8	332	164	168	11.1	12.7	9.9
1994	806	380	426	24.8	28.8	22.3	366	186	180	11.4	13.5	9.9
1995	820	412	408	23.7	27.7	20.8	370	184	186	11.1	13.0	9.8
1996	901	441	460	26.1	29.8	23.4	406	208	198	12.1	15.4	10.0
1997	889	454	435	23.2	26.5	20.6	400	198	202	11.9	13.7	10.6
1998	1,088	546	542	28.4	32.9	25.1	443	241	202	12.4	15.8	10.0
1999	1,092	539	553	27.0	31.2	24.1	491	252	239	12.9	16.5	10.6
2000	1,142	578	564	26.4	30.6	23.3	529	259	270	13.1	15.5	11.6
2001	1,151	582	569	25.6	29.9	22.4	477	235	242	11.3	12.7	10.2
2002	1,239	640	599	25.0	29.2	21.8	541	287	254	11.8	14.2	9.9
2003	1,376	683	693	26.3	30.5	23.4	590	309	281	12.1	14.5	10.4
2004	1,393	721	672	25.5	30.1	22.1	540	276	264	10.8	13.1	9.2
2005	1,454	731	723	25.4	28.8	22.7	620	322	298	11.7	14.3	9.9
2006	1,562	799	763	26.0	30.8	22.7	671	327	344	12.1	14.1	10.8
2007	1,610	808	802	24.8	28.4	22.3	622	340	282	10.5	13.2	8.5
2008	1,713	955	758	25.8	32.6	20.6	664	353	311	10.6	13.1	8.8
2009	1,720	899	821	24.5	29.3	21.0	684	390	294	10.4	13.9	7.9
2010	1,733	855	878	22.9	25.5	21.0	693	379	314	10.0	12.5	8.0
2011	1,788	911	877	22.4	25.8	19.7	772	413	359	10.7	13.4	8.7
2012	1,852	942	910	22.3	25.3	19.9	762	402	360	9.9	11.8	8.4
2013	1,894	937	957	21.4	23.4	19.8	834	455	379	10.2	13.0	8.1
2014	2,056	1,053	1,003	22.1	25.1	19.8	783	431	352	9.2	11.6	7.4
2015	2,227	1,109	1,118	22.7	25.4	20.8	893	473	420	9.9	12.2	8.3
2016	2,234	1,113	1,121	21.4	23.6	19.8	862	444	418	9.1	10.5	8.0
2017	2,336	1,180	1,156	21.6	24.0	19.8	869	457	412	8.8	10.5	7.5

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
1988	7,649	3,664	3,985	43.2	50.2	38.3	3,615	1,752	1,863	20.5	24.4	17.8
1989	7,415	3,493	3,922	41.5	47.8	37.4	3,627	1,769	1,858	20.4	24.8	17.7
1990	7,519	3,672	3,847	41.4	49.4	36.1	3,462	1,733	1,729	19.3	23.9	16.2
1991	7,493	3,583	3,910	40.8	47.0	36.5	3,487	1,684	1,803	19.1	22.8	16.6
1992	7,362	3,607	3,755	39.7	47.0	34.5	3,406	1,658	1,748	18.5	22.2	16.0
1993	7,373	3,525	3,848	39.2	45.0	35.0	3,316	1,613	1,703	17.7	21.2	15.3
1994	7,223	3,551	3,672	38.3	44.9	33.3	3,377	1,615	1,762	17.9	20.8	15.8
1995	7,072	3,425	3,647	37.1	42.7	32.9	3,297	1,664	1,633	17.3	21.3	14.5
1996	7,411	3,540	3,871	38.6	44.0	34.7	3,203	1,589	1,614	16.6	20.0	14.2
1997	7,559	3,648	3,911	38.8	44.3	34.6	3,258	1,601	1,657	16.7	19.9	14.3
1998	7,442	3,587	3,855	37.8	42.8	34.0	3,082	1,532	1,550	15.6	18.5	13.3
1999	7,440	3,586	3,854	37.3	42.3	33.5	3,134	1,557	1,577	15.6	18.6	13.3
2000	7,379	3,524	3,855	36.6	40.9	33.1	3,142	1,504	1,638	15.4	17.8	13.6
2001	7,291	3,493	3,798	35.9	40.3	32.5	3,178	1,566	1,612	15.5	18.3	13.3
2002	7,166	3,445	3,721	35.0	39.2	31.6	3,066	1,458	1,608	14.8	16.8	13.2
2003	7,152	3,464	3,688	34.7	38.9	31.5	3,106	1,540	1,566	14.8	17.6	12.6
2004	6,742	3,228	3,514	32.6	35.7	30.0	2,900	1,419	1,481	13.8	16.0	12.1
2005	6,788	3,219	3,569	32.6	35.3	30.3	2,832	1,432	1,400	13.4	15.9	11.3
2006	6,685	3,189	3,496	32.3	35.0	30.0	2,746	1,369	1,377	12.9	15.1	11.2
2007	6,752	3,328	3,424	32.3	35.9	29.2	2,710	1,363	1,347	12.6	14.8	10.9
2008	6,770	3,200	3,570	32.1	34.2	30.3	2,682	1,283	1,399	12.2	13.7	11.1
2009	6,409	3,111	3,298	30.0	32.6	27.9	2,668	1,333	1,335	12.0	13.9	10.6
2010	6,155	3,010	3,145	28.6	31.2	26.5	2,593	1,291	1,302	11.7	13.4	10.2
2011	5,900	2,868	3,032	27.1	29.1	25.3	2,551	1,271	1,280	11.3	12.9	10.0
2012	5,694	2,746	2,948	25.9	27.5	24.4	2,412	1,217	1,195	10.7	12.2	9.3
2013	5,571	2,665	2,906	25.1	26.4	24.0	2,409	1,161	1,248	10.5	11.5	9.6
2014	5,786	2,925	2,861	25.9	28.5	23.6	2,424	1,229	1,195	10.4	11.9	9.1
2015	5,756	2,879	2,877	25.7	27.9	23.8	2,424	1,203	1,221	10.2	11.3	9.2
2016	5,585	2,731	2,854	24.9	26.1	23.6	2,343	1,168	1,175	9.9	11.0	9.0
2017	5,468	2,756	2,712	24.3	26.3	22.3	2,350	1,174	1,176	9.8	10.9	8.8

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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, 2013-2017, Colon Cancer

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	9	3	6	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
10 - 14	53	20	33	0.4	0.3	0.5	1	1	0	0.0	0.0	0.0
15 - 19	113	50	63	0.9	0.8	1.0	2	2	0	0.0	0.0	0.0
20 - 24	147	63	84	1.0	0.9	1.2	19	14	5	0.1	0.2	0.1
25 - 29	265	134	131	1.8	1.7	1.8	46	27	19	0.3	0.4	0.3
30 - 34	491	239	252	3.5	3.3	3.6	109	49	60	0.8	0.7	0.9
35 - 39	790	397	393	6.0	6.0	6.1	188	105	83	1.4	1.6	1.3
40 - 44	1,317	645	672	10.3	10.1	10.5	362	177	185	2.8	2.8	2.9
45 - 49	2,302	1,185	1,117	17.8	18.3	17.2	683	378	305	5.3	5.8	4.7
50 - 54	4,218	2,218	2,000	32.3	34.2	30.4	1,222	648	574	9.4	10.0	8.7
55 - 59	4,745	2,644	2,101	38.3	43.6	33.2	1,655	937	718	13.4	15.5	11.3
60 - 64	5,655	3,081	2,574	53.4	60.8	46.6	1,992	1,134	858	18.8	22.4	15.5
65 - 69	6,421	3,475	2,946	74.6	85.8	64.6	2,295	1,308	987	26.7	32.3	21.7
70 - 74	5,928	3,038	2,890	96.8	108.2	87.1	2,269	1,276	993	37.0	45.5	29.9
75 - 79	5,655	2,751	2,904	130.0	142.4	120.1	2,406	1,271	1,135	55.3	65.8	46.9
80 - 84	5,311	2,352	2,959	168.7	176.7	162.9	2,666	1,288	1,378	84.7	96.8	75.9
85 +	6,871	2,620	4,251	195.5	205.4	189.9	4,986	1,957	3,029	141.9	153.4	135.3
Total/Crude	50,292	24,915	25,377	25.8	25.7	25.9	20,901	10,572	10,329	10.7	10.9	10.5
ASIAN/PACIFIC ISLANDER												
00 - 04	0	0	0	0.0	0.0	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	0.0	0.0	0.0
10 - 14	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
15 - 19	5	1	4	0.3	0.1	0.5	0	0	0	0.0	0.0	0.0
20 - 24	8	2	6	0.4	0.2	0.6	3	2	1	0.2	0.2	0.1
25 - 29	22	11	11	0.9	0.9	0.9	3	1	2	0.1	0.1	0.2
30 - 34	52	23	29	2.2	2.0	2.3	21	8	13	0.9	0.7	1.1
35 - 39	111	40	71	5.0	3.8	6.0	44	20	24	2.0	1.9	2.0
40 - 44	191	92	99	8.4	8.8	8.1	59	32	27	2.6	3.1	2.2
45 - 49	355	172	183	16.7	17.5	16.1	115	61	54	5.4	6.2	4.7
50 - 54	628	311	317	30.9	33.1	29.0	196	92	104	9.6	9.8	9.5
55 - 59	686	377	309	35.7	43.3	29.5	218	114	104	11.4	13.1	9.9
60 - 64	852	464	388	50.4	61.3	41.5	277	163	114	16.4	21.6	12.2
65 - 69	995	536	459	73.3	88.8	60.9	287	172	115	21.1	28.5	15.3
70 - 74	804	412	392	86.1	99.4	75.4	310	183	127	33.2	44.2	24.4
75 - 79	696	356	340	99.8	117.7	86.1	287	162	125	41.2	53.6	31.7
80 - 84	660	288	372	132.8	141.3	127.0	358	161	197	72.1	79.0	67.2
85 +	815	311	504	159.2	163.7	156.5	588	226	362	114.9	119.0	112.4
Total/Crude	6,881	3,396	3,485	23.4	24.3	22.6	2,766	1,397	1,369	9.4	10.0	8.9

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

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

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, 2013-2017, Colon Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
00 - 04	0	0	0	0.0	0.0	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	0.0	0.0	0.0
10 - 14	2	0	2	0.3	0.0	0.5	0	0	0	0.0	0.0	0.0
15 - 19	6	3	3	0.7	0.7	0.7	0	0	0	0.0	0.0	0.0
20 - 24	6	3	3	0.6	0.6	0.6	1	1	0	0.1	0.2	0.0
25 - 29	14	8	6	1.4	1.6	1.3	4	3	1	0.4	0.6	0.2
30 - 34	34	14	20	4.0	3.2	4.9	12	5	7	1.4	1.2	1.7
35 - 39	55	29	26	7.2	7.5	6.8	15	7	8	2.0	1.8	2.1
40 - 44	89	38	51	11.9	10.2	13.6	37	15	22	5.0	4.0	5.9
45 - 49	199	102	97	24.4	25.1	23.7	73	45	28	9.0	11.1	6.9
50 - 54	361	197	164	41.6	46.0	37.3	133	80	53	15.3	18.7	12.0
55 - 59	434	236	198	53.3	59.5	47.4	176	95	81	21.6	24.0	19.4
60 - 64	508	262	246	79.0	86.5	72.4	210	109	101	32.7	36.0	29.7
65 - 69	521	272	249	108.0	125.3	93.9	245	143	102	50.8	65.9	38.5
70 - 74	442	199	243	133.2	138.7	129.0	200	105	95	60.3	73.2	50.5
75 - 79	405	172	233	166.2	166.8	165.7	232	107	125	95.2	103.8	88.9
80 - 84	310	130	180	193.1	203.9	185.9	174	87	87	108.4	136.5	89.9
85 +	301	91	210	194.1	181.2	200.4	249	86	163	160.6	171.2	155.5
Total/Crude	3,687	1,756	1,931	30.5	29.3	31.6	1,761	888	873	14.6	14.8	14.3
HISPANIC												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	8	2	6	0.1	0.1	0.2	0	0	0	0.0	0.0	0.0
10 - 14	22	9	13	0.3	0.3	0.4	1	1	0	0.0	0.0	0.0
15 - 19	55	27	28	0.8	0.8	0.9	2	2	0	0.0	0.1	0.0
20 - 24	59	23	36	0.9	0.7	1.1	9	7	2	0.1	0.2	0.1
25 - 29	112	49	63	1.8	1.5	2.1	22	14	8	0.4	0.4	0.3
30 - 34	200	100	100	3.4	3.3	3.6	44	21	23	0.8	0.7	0.8
35 - 39	307	155	152	5.6	5.5	5.7	66	39	27	1.2	1.4	1.0
40 - 44	499	238	261	9.6	9.1	10.1	145	73	72	2.8	2.8	2.8
45 - 49	688	348	340	14.4	14.3	14.4	227	123	104	4.7	5.1	4.4
50 - 54	1,149	562	587	27.7	27.1	28.4	328	180	148	7.9	8.7	7.2
55 - 59	1,206	660	546	35.8	40.1	31.7	414	231	183	12.3	14.0	10.6
60 - 64	1,352	714	638	53.8	59.9	48.3	452	257	195	18.0	21.6	14.8
65 - 69	1,334	728	606	75.0	88.8	63.1	479	268	211	26.9	32.7	22.0
70 - 74	1,113	569	544	93.0	108.6	80.8	433	245	188	36.2	46.8	27.9
75 - 79	935	465	470	112.0	132.5	97.2	440	257	183	52.7	73.2	37.8
80 - 84	805	347	458	138.6	148.2	132.1	450	223	227	77.5	95.2	65.5
85 +	903	396	507	157.1	187.5	139.4	729	319	410	126.8	151.1	112.7
Total/Crude	10,747	5,392	5,355	14.2	14.2	14.3	4,241	2,260	1,981	5.6	6.0	5.3

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

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

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, 2013-2017, Colon Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
00 - 04	1	0	1	0.0	0.0	0.1	0	0	0	0.0	0.0	0.0
05 - 09	1	1	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
10 - 14	26	11	15	0.7	0.6	0.8	0	0	0	0.0	0.0	0.0
15 - 19	47	19	28	1.2	0.9	1.5	0	0	0	0.0	0.0	0.0
20 - 24	71	34	37	1.6	1.4	1.7	6	4	2	0.1	0.2	0.1
25 - 29	111	64	47	2.1	2.4	1.9	17	9	8	0.3	0.3	0.3
30 - 34	201	99	102	4.0	3.8	4.2	32	15	17	0.6	0.6	0.7
35 - 39	304	165	139	6.7	7.0	6.4	63	39	24	1.4	1.7	1.1
40 - 44	516	268	248	11.4	11.5	11.3	119	55	64	2.6	2.4	2.9
45 - 49	1,016	543	473	19.7	20.7	18.7	260	144	116	5.0	5.5	4.6
50 - 54	1,984	1,093	891	33.4	36.5	30.3	553	293	260	9.3	9.8	8.8
55 - 59	2,319	1,319	1,000	37.3	42.4	32.2	834	490	344	13.4	15.8	11.1
60 - 64	2,825	1,578	1,247	49.7	56.6	43.1	1,027	591	436	18.1	21.2	15.1
65 - 69	3,457	1,877	1,580	70.0	78.7	61.9	1,254	707	547	25.4	29.7	21.4
70 - 74	3,458	1,800	1,658	95.3	105.3	86.4	1,308	731	577	36.0	42.8	30.1
75 - 79	3,546	1,722	1,824	138.9	147.8	131.4	1,422	733	689	55.7	62.9	49.6
80 - 84	3,484	1,560	1,924	183.8	189.5	179.5	1,668	809	859	88.0	98.3	80.1
85 +	4,799	1,803	2,996	212.4	220.1	208.1	3,387	1,315	2,072	149.9	160.5	143.9
Total/Crude	28,166	13,956	14,210	36.7	36.4	36.9	11,950	5,935	6,015	15.6	15.5	15.6

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

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

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, Invasive Colon Cancer

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
BOTH SEXES COMBINED, ALL RACES										
1994	1,895	7.4	2,881	11.3	2,055	8.0	1,609	6.2	739	3.0
1995	1,928	7.3	2,744	10.5	2,113	8.0	1,640	6.3	667	2.6
1996	2,011	7.5	2,841	10.7	2,135	8.0	1,711	6.4	796	3.1
1997	2,025	7.4	2,973	10.9	2,164	7.9	1,761	6.4	859	3.2
1998	2,125	7.6	3,027	10.9	2,299	8.2	1,777	6.3	720	2.6
1999	2,145	7.5	2,987	10.5	2,258	7.9	1,799	6.2	808	2.9
2000	2,089	7.2	2,978	10.2	2,286	7.8	1,803	6.1	804	2.8
2001	2,235	7.5	2,959	10.0	2,265	7.6	1,818	6.0	744	2.5
2002	2,201	7.2	2,838	9.4	2,300	7.5	1,832	6.0	800	2.6
2003	2,229	7.2	2,873	9.3	2,355	7.5	1,869	5.9	767	2.5
2004	1,996	6.3	2,616	8.3	2,246	7.0	2,004	6.2	785	2.5
2005	2,128	6.6	2,669	8.3	2,265	7.0	1,981	6.0	817	2.5
2006	2,162	6.6	2,638	8.1	2,336	7.1	1,946	5.8	827	2.5
2007	2,216	6.6	2,639	7.9	2,398	7.1	1,911	5.6	848	2.5
2008	2,288	6.7	2,746	8.0	2,456	7.1	1,999	5.7	759	2.2
2009	2,312	6.6	2,532	7.2	2,390	6.8	1,942	5.4	782	2.2
2010	2,194	6.0	2,445	6.8	2,395	6.6	1,940	5.3	653	1.8
2011	2,170	5.8	2,421	6.5	2,377	6.4	2,000	5.3	532	1.4
2012	2,058	5.4	2,492	6.6	2,358	6.1	1,927	5.0	534	1.4
2013	2,082	5.3	2,392	6.1	2,374	6.0	1,910	4.8	605	1.5
2014	2,258	5.6	2,439	6.1	2,389	5.9	2,044	5.0	699	1.7
2015	2,269	5.5	2,471	6.0	2,374	5.7	2,107	5.1	754	1.8
2016	2,070	4.8	2,392	5.7	2,395	5.7	2,040	4.8	1,043	2.4
2017	1,948	4.4	2,381	5.6	2,353	5.4	2,113	4.9	1,164	2.7

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
BOTH SEXES COMBINED, ASIAN/PACIFIC ISLANDER										
1994	117	5.4	189	8.8	136	6.2	112	5.0	50	2.7
1995	145	6.2	216	9.3	193	8.5	112	4.7	53	2.7
1996	133	5.2	224	9.2	175	7.2	128	5.1	41	2.1
1997	175	6.9	213	8.1	189	7.0	141	5.4	65	3.1
1998	163	5.8	241	8.9	222	7.6	148	5.3	47	2.0
1999	178	6.0	232	8.1	228	7.7	149	4.8	45	1.7
2000	159	5.1	264	8.5	239	7.7	152	4.7	56	2.1
2001	219	6.7	241	7.5	285	8.7	171	5.0	52	1.7
2002	236	6.8	265	7.6	271	7.7	200	5.6	52	1.6
2003	229	6.3	239	6.7	244	6.7	186	5.0	50	1.5
2004	192	5.1	254	6.6	278	7.1	203	5.3	86	2.5
2005	219	5.4	283	7.0	290	7.0	219	5.3	74	1.9
2006	237	5.6	288	7.1	296	6.9	208	4.8	84	2.1
2007	210	4.6	295	6.7	319	7.1	225	5.0	96	2.3
2008	243	5.2	288	6.2	336	7.0	243	5.1	106	2.3
2009	300	6.0	286	5.9	315	6.4	251	5.0	75	1.6
2010	257	5.0	279	5.6	312	6.1	241	4.6	85	1.7
2011	252	4.7	278	5.3	381	7.0	237	4.4	70	1.4
2012	281	5.0	301	5.5	365	6.4	221	3.9	60	1.1
2013	265	4.5	284	4.7	344	5.7	291	4.8	66	1.2
2014	294	4.6	296	4.7	351	5.6	307	4.8	93	1.5
2015	285	4.3	302	4.7	375	5.7	288	4.4	111	1.7
2016	288	4.2	311	4.6	367	5.5	281	4.2	132	1.9
2017	279	3.8	296	4.2	389	5.4	256	3.6	143	2.0

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
BOTH SEXES COMBINED, NON-HISPANIC BLACK										
1994	134	10.0	168	12.1	144	10.4	134	9.4	65	5.1
1995	124	8.7	159	11.5	146	10.2	135	9.5	60	4.6
1996	129	8.8	151	11.0	140	9.4	150	10.2	66	4.9
1997	129	8.5	180	12.0	141	9.2	148	9.5	67	4.9
1998	132	8.7	192	12.9	174	11.4	163	10.5	60	4.4
1999	145	9.3	217	14.2	151	9.5	161	10.1	70	4.9
2000	135	8.5	176	11.3	148	9.2	168	10.3	74	4.9
2001	150	9.1	167	10.3	158	9.4	187	11.2	68	4.3
2002	122	7.3	176	10.7	165	9.7	167	9.6	57	3.8
2003	134	7.8	192	11.4	186	10.7	180	9.8	71	4.5
2004	140	8.0	181	10.4	167	9.2	223	12.5	51	3.0
2005	151	8.6	179	9.9	202	11.1	199	10.7	74	4.5
2006	154	8.4	197	10.9	210	11.1	171	9.0	75	4.4
2007	144	7.6	179	9.4	186	9.6	183	9.6	72	3.9
2008	165	8.7	204	10.8	189	9.5	209	10.6	54	3.1
2009	197	9.8	164	8.2	191	9.4	200	9.7	74	3.9
2010	163	7.7	155	7.5	194	9.5	185	8.6	48	2.5
2011	178	8.2	179	8.5	160	7.3	190	8.7	42	2.3
2012	141	6.5	194	9.1	170	7.7	174	7.8	53	2.6
2013	161	7.0	172	7.6	184	7.9	167	7.3	54	2.8
2014	160	6.9	149	6.5	192	8.3	181	7.9	66	2.9
2015	181	7.7	139	5.9	180	7.4	168	6.8	51	2.3
2016	123	4.9	133	5.6	166	6.5	190	7.7	75	3.0
2017	125	5.0	148	5.9	143	5.6	185	7.8	93	3.8

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
BOTH SEXES COMBINED, HISPANIC										
1994	130	4.0	259	8.6	191	5.6	151	4.1	62	2.1
1995	152	4.4	247	7.2	197	5.5	165	4.7	39	1.3
1996	170	4.9	270	7.9	215	6.0	153	4.3	71	2.3
1997	164	4.5	260	7.1	216	5.2	170	4.2	52	1.5
1998	203	5.5	340	8.9	254	6.4	199	5.0	70	2.0
1999	194	5.0	308	7.9	253	5.9	233	5.5	85	2.4
2000	228	5.3	316	7.5	248	5.6	240	5.3	85	2.2
2001	229	5.4	339	7.6	263	5.8	206	4.1	77	2.0
2002	245	5.1	336	6.9	283	5.4	240	4.4	110	2.7
2003	245	4.8	386	7.6	326	6.0	281	5.0	92	2.0
2004	276	5.2	359	6.7	320	5.8	269	4.6	117	2.4
2005	264	4.8	380	6.7	334	5.6	281	4.5	126	2.5
2006	272	4.7	417	7.2	363	5.7	328	5.3	122	2.2
2007	323	5.2	378	5.7	389	5.9	310	4.7	129	2.1
2008	350	5.5	415	6.4	428	6.2	324	4.7	117	1.8
2009	318	4.7	429	6.3	408	5.7	339	4.5	154	2.3
2010	347	4.6	427	5.6	437	5.6	325	4.2	119	1.8
2011	366	4.6	409	5.3	456	5.6	406	4.9	84	1.2
2012	333	4.0	486	6.1	450	5.2	420	4.8	96	1.3
2013	365	4.1	473	5.6	481	5.3	400	4.3	114	1.4
2014	445	4.7	505	5.6	486	5.1	417	4.4	135	1.7
2015	499	4.9	511	5.3	546	5.5	457	4.6	141	1.6
2016	420	3.8	504	5.1	573	5.5	461	4.5	236	2.2
2017	425	3.9	549	5.3	567	5.2	500	4.5	273	2.6

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
BOTH SEXES COMBINED, NON-HISPANIC WHITE										
1994	1,497	7.9	2,254	11.9	1,576	8.4	1,209	6.4	546	2.9
1995	1,494	7.8	2,115	11.0	1,570	8.3	1,224	6.5	501	2.6
1996	1,571	8.1	2,186	11.3	1,597	8.3	1,278	6.7	605	3.1
1997	1,534	7.9	2,311	11.8	1,601	8.3	1,299	6.7	668	3.4
1998	1,610	8.2	2,240	11.3	1,641	8.4	1,262	6.5	532	2.7
1999	1,612	8.1	2,216	11.0	1,613	8.1	1,245	6.3	592	2.9
2000	1,549	7.7	2,210	10.9	1,645	8.2	1,238	6.2	578	2.8
2001	1,608	7.9	2,196	10.7	1,541	7.6	1,248	6.2	540	2.6
2002	1,580	7.7	2,050	9.9	1,568	7.7	1,217	6.0	570	2.7
2003	1,605	7.8	2,039	9.9	1,589	7.8	1,214	6.0	541	2.6
2004	1,373	6.6	1,817	8.7	1,463	7.1	1,301	6.4	521	2.4
2005	1,472	7.1	1,814	8.6	1,431	6.9	1,266	6.2	529	2.4
2006	1,475	7.1	1,718	8.3	1,457	7.1	1,226	6.0	535	2.5
2007	1,504	7.2	1,764	8.4	1,491	7.2	1,185	5.7	537	2.5
2008	1,504	7.2	1,825	8.6	1,481	7.0	1,210	5.8	464	2.1
2009	1,459	6.9	1,633	7.6	1,459	6.9	1,142	5.4	467	2.0
2010	1,385	6.5	1,564	7.3	1,438	6.7	1,179	5.5	379	1.6
2011	1,332	6.2	1,533	7.0	1,355	6.3	1,156	5.3	321	1.4
2012	1,271	5.8	1,480	6.7	1,352	6.2	1,105	5.1	312	1.3
2013	1,254	5.7	1,441	6.4	1,336	6.1	1,038	4.8	354	1.5
2014	1,329	6.0	1,464	6.5	1,340	6.0	1,119	5.2	380	1.6
2015	1,257	5.8	1,494	6.6	1,252	5.6	1,178	5.2	412	1.7
2016	1,196	5.4	1,415	6.1	1,259	5.7	1,090	4.9	544	2.4
2017	1,088	4.8	1,354	5.9	1,227	5.5	1,155	5.2	566	2.5

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Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, Invasive Colon Cancer

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
MALE, ALL RACES										
1994	1,008	9.3	1,368	12.8	970	8.9	817	7.3	342	3.4
1995	991	8.8	1,293	11.7	1,008	8.9	840	7.6	292	2.9
1996	1,047	9.2	1,313	11.8	955	8.4	828	7.2	365	3.6
1997	1,037	8.9	1,428	12.5	1,000	8.4	889	7.4	385	3.6
1998	1,105	9.2	1,413	12.1	1,057	8.7	884	7.3	311	2.8
1999	1,085	8.8	1,379	11.5	1,076	8.7	860	6.9	363	3.3
2000	1,072	8.5	1,398	11.3	1,030	8.2	885	6.9	362	3.1
2001	1,140	9.0	1,362	10.9	1,088	8.4	860	6.5	331	2.7
2002	1,136	8.7	1,324	10.3	1,116	8.4	895	6.6	356	2.9
2003	1,118	8.3	1,366	10.2	1,129	8.3	914	6.6	341	2.7
2004	1,022	7.4	1,235	9.0	1,039	7.4	983	6.9	353	2.7
2005	1,024	7.2	1,229	8.9	1,062	7.3	968	6.6	340	2.5
2006	1,087	7.6	1,245	8.8	1,079	7.3	977	6.6	361	2.6
2007	1,134	7.7	1,278	8.7	1,096	7.3	945	6.2	403	2.8
2008	1,157	7.6	1,275	8.5	1,177	7.6	976	6.3	357	2.4
2009	1,140	7.3	1,237	8.0	1,107	7.0	987	6.1	385	2.5
2010	1,116	6.8	1,144	7.3	1,144	7.0	962	5.8	285	1.9
2011	1,102	6.5	1,174	7.2	1,102	6.5	996	5.8	253	1.6
2012	1,031	6.0	1,178	7.0	1,146	6.6	981	5.6	225	1.4
2013	994	5.5	1,144	6.5	1,156	6.4	958	5.3	261	1.5
2014	1,150	6.2	1,218	6.7	1,147	6.2	1,075	5.8	353	2.0
2015	1,156	6.0	1,195	6.5	1,152	6.1	1,076	5.6	370	2.0
2016	1,033	5.2	1,189	6.2	1,120	5.7	1,016	5.2	520	2.7
2017	956	4.7	1,190	6.1	1,195	6.0	1,064	5.3	561	2.8

(Table Continues)

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Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
MALE, ASIAN/PACIFIC ISLANDER										
1994	68	7.3	94	10.1	63	6.2	68	6.6	27	3.0
1995	84	7.9	110	10.6	99	9.9	64	6.3	31	3.3
1996	62	5.7	106	9.9	80	7.3	66	5.9	16	1.8
1997	84	7.4	114	10.0	103	9.0	73	6.6	34	3.8
1998	82	6.5	127	10.8	95	7.4	73	5.8	15	1.4
1999	88	6.8	109	8.7	98	7.3	69	5.1	24	2.2
2000	92	6.8	125	8.8	117	9.3	61	4.3	31	2.8
2001	111	7.9	110	8.1	130	9.3	81	5.5	27	2.0
2002	117	7.8	118	7.9	139	9.0	107	6.9	30	2.1
2003	120	7.8	127	8.1	125	7.9	87	5.4	26	1.9
2004	96	5.9	112	6.6	106	6.2	104	6.3	43	2.9
2005	93	5.3	130	7.6	129	7.2	90	4.9	31	1.9
2006	113	6.2	151	8.6	124	6.6	104	5.5	46	2.8
2007	103	5.2	145	7.5	132	6.9	110	5.8	42	2.4
2008	116	5.6	133	6.7	153	7.2	104	4.9	52	2.7
2009	144	6.7	138	6.5	146	6.6	132	6.0	34	1.7
2010	133	6.0	124	5.8	145	6.8	114	5.0	34	1.6
2011	133	5.7	143	6.4	170	7.1	108	4.6	30	1.4
2012	129	5.3	133	5.5	181	7.2	115	4.7	29	1.3
2013	134	5.1	137	5.1	159	6.1	160	5.9	26	1.1
2014	150	5.3	149	5.4	178	6.5	147	5.3	45	1.8
2015	157	5.3	146	5.2	174	6.1	142	5.0	52	1.9
2016	150	5.0	160	5.2	170	5.8	138	4.6	70	2.3
2017	140	4.3	135	4.4	186	5.9	123	4.0	71	2.2

(Table Continues)

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Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
MALE, NON-HISPANIC BLACK										
1994	52	9.6	85	14.5	66	11.6	69	12.4	32	6.3
1995	61	10.8	64	11.3	65	10.8	62	10.5	27	4.9
1996	64	9.8	72	12.6	49	8.2	57	9.0	36	6.5
1997	52	7.8	82	12.4	63	9.5	73	10.7	27	4.3
1998	58	9.3	88	14.9	76	12.6	70	10.6	29	5.7
1999	63	9.0	76	12.5	73	10.8	81	12.6	30	5.0
2000	63	9.2	77	11.5	56	8.6	76	11.7	24	3.7
2001	81	11.7	72	10.0	67	9.5	76	9.8	38	5.8
2002	55	8.3	81	12.6	81	11.5	74	9.4	21	3.7
2003	66	8.6	84	11.6	83	10.8	77	9.5	36	6.5
2004	76	10.1	89	11.7	71	8.6	101	13.4	24	3.9
2005	67	9.1	79	10.5	101	12.2	88	11.2	33	4.7
2006	75	9.8	80	10.0	97	11.2	82	9.8	29	3.8
2007	67	8.5	88	10.6	84	9.1	68	8.7	27	3.4
2008	80	9.8	103	12.7	80	9.3	97	10.6	17	2.3
2009	92	10.2	82	9.3	90	10.2	92	9.9	31	3.8
2010	88	9.6	67	7.9	80	9.2	81	8.3	20	2.4
2011	95	10.2	83	9.1	78	8.3	84	8.9	15	1.9
2012	68	7.4	91	9.7	78	7.8	90	9.5	22	2.5
2013	69	6.4	88	9.1	92	8.7	74	7.1	25	3.1
2014	67	6.5	74	7.6	90	8.1	89	8.2	31	3.2
2015	83	8.0	67	6.3	87	7.8	84	7.4	27	2.6
2016	55	4.7	65	6.1	66	5.2	97	8.6	45	3.8
2017	58	5.1	63	5.5	71	6.1	87	8.1	51	5.1

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
MALE, HISPANIC										
1994	74	5.5	119	10.0	77	5.9	74	4.8	29	2.2
1995	89	6.3	121	8.2	98	6.2	76	5.1	17	1.2
1996	82	5.7	139	9.1	101	6.5	75	4.9	33	2.9
1997	90	5.6	131	8.1	101	5.2	96	5.4	20	1.4
1998	107	6.3	166	10.1	127	7.4	102	5.8	32	2.3
1999	100	6.0	157	9.1	115	6.4	114	6.3	42	2.9
2000	130	7.0	150	8.2	119	5.9	120	6.2	46	2.8
2001	110	5.9	180	9.5	127	6.5	107	4.8	35	2.2
2002	134	6.3	176	8.0	151	6.6	109	4.7	56	3.1
2003	116	5.4	195	9.2	167	7.0	138	5.8	36	1.7
2004	146	6.4	191	8.1	168	6.7	140	5.5	50	2.5
2005	128	5.5	187	7.3	169	6.2	153	5.7	55	2.6
2006	136	5.5	226	9.1	174	6.2	173	6.3	57	2.4
2007	175	6.6	194	6.5	188	6.6	152	4.9	60	2.2
2008	197	7.0	227	7.6	237	7.9	173	5.8	69	2.5
2009	157	5.5	226	7.4	204	6.4	188	5.9	86	2.9
2010	157	4.7	226	6.8	209	6.1	165	4.9	59	2.0
2011	191	5.5	202	6.1	218	5.9	229	6.2	39	1.3
2012	171	4.7	256	7.3	212	5.2	230	6.0	42	1.4
2013	157	3.9	246	6.6	249	6.1	205	4.9	49	1.3
2014	231	5.6	268	6.4	218	5.0	226	5.4	72	1.9
2015	254	5.6	258	6.0	264	6.1	235	5.4	60	1.5
2016	202	4.0	266	6.1	275	5.7	235	5.0	117	2.5
2017	188	3.7	306	6.5	297	6.0	253	4.9	127	2.8

(Table Continues)

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Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
MALE, NON-HISPANIC WHITE										
1994	805	10.1	1,067	13.5	761	9.6	604	7.5	246	3.3
1995	748	9.2	995	12.4	743	9.2	636	8.0	209	2.8
1996	835	10.2	994	12.4	724	8.9	629	7.7	272	3.7
1997	800	9.6	1,095	13.5	725	8.7	646	7.7	300	3.9
1998	850	10.0	1,026	12.4	755	8.9	636	7.5	232	2.9
1999	825	9.6	1,029	12.2	784	9.2	594	6.9	261	3.3
2000	773	8.9	1,044	12.2	736	8.5	628	7.2	255	3.1
2001	821	9.5	994	11.6	755	8.6	593	6.7	229	2.7
2002	820	9.3	942	10.8	737	8.3	600	6.7	244	2.9
2003	812	9.1	955	10.8	750	8.4	608	6.7	240	2.8
2004	695	7.6	842	9.4	685	7.6	633	6.9	229	2.6
2005	719	7.9	828	9.2	659	7.2	628	6.8	214	2.4
2006	750	8.2	779	8.7	680	7.4	610	6.6	223	2.5
2007	769	8.2	838	9.1	686	7.4	612	6.5	267	2.9
2008	745	7.9	807	8.7	696	7.4	593	6.3	208	2.2
2009	728	7.6	782	8.4	658	6.9	569	5.9	227	2.4
2010	719	7.3	717	7.6	704	7.3	596	6.1	160	1.7
2011	662	6.7	735	7.5	624	6.4	567	5.6	162	1.7
2012	643	6.4	683	6.9	660	6.7	543	5.4	127	1.3
2013	614	6.0	660	6.6	638	6.3	514	5.2	153	1.5
2014	685	6.6	713	7.0	653	6.4	606	6.0	190	1.9
2015	643	6.3	710	7.0	621	6.0	608	5.8	202	1.9
2016	612	5.7	683	6.5	596	5.8	536	5.2	254	2.5
2017	558	5.2	669	6.4	626	6.1	591	5.6	266	2.5

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, Invasive Colon Cancer

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
FEMALE, ALL RACES										
1994	887	6.0	1,513	10.2	1,085	7.4	792	5.4	397	2.7
1995	937	6.2	1,451	9.6	1,105	7.4	800	5.4	375	2.4
1996	964	6.3	1,528	9.9	1,180	7.8	883	5.8	431	2.7
1997	988	6.3	1,545	9.8	1,164	7.5	872	5.6	474	2.9
1998	1,020	6.4	1,614	10.1	1,242	7.8	893	5.6	409	2.5
1999	1,060	6.5	1,608	9.8	1,182	7.3	939	5.8	445	2.6
2000	1,017	6.1	1,580	9.4	1,256	7.5	918	5.5	442	2.5
2001	1,095	6.5	1,597	9.3	1,177	6.9	958	5.7	413	2.3
2002	1,065	6.2	1,514	8.7	1,184	6.8	937	5.4	444	2.5
2003	1,111	6.3	1,507	8.5	1,226	7.0	955	5.4	426	2.3
2004	974	5.5	1,381	7.7	1,207	6.7	1,021	5.7	432	2.3
2005	1,104	6.1	1,440	7.8	1,203	6.6	1,013	5.6	477	2.5
2006	1,075	5.9	1,393	7.5	1,257	6.8	969	5.2	466	2.4
2007	1,082	5.8	1,361	7.2	1,302	6.9	966	5.1	445	2.2
2008	1,131	6.0	1,471	7.6	1,279	6.6	1,023	5.3	402	2.0
2009	1,172	6.0	1,295	6.6	1,283	6.6	955	4.9	397	1.9
2010	1,078	5.4	1,301	6.5	1,251	6.2	978	4.8	368	1.7
2011	1,068	5.2	1,247	6.0	1,275	6.2	1,004	4.9	279	1.3
2012	1,027	4.9	1,314	6.2	1,212	5.8	946	4.5	309	1.4
2013	1,088	5.1	1,248	5.8	1,218	5.7	952	4.4	344	1.5
2014	1,108	5.1	1,221	5.5	1,242	5.7	969	4.4	346	1.5
2015	1,113	5.0	1,276	5.6	1,222	5.4	1,031	4.6	384	1.6
2016	1,037	4.6	1,203	5.3	1,275	5.6	1,024	4.5	523	2.2
2017	992	4.2	1,191	5.1	1,158	5.0	1,049	4.6	603	2.5

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
FEMALE, ASIAN/PACIFIC ISLANDER										
1994	49	3.8	95	7.8	73	6.2	44	3.8	23	2.4
1995	61	4.9	106	8.3	94	7.4	48	3.5	22	2.2
1996	71	4.9	118	8.7	95	7.1	62	4.5	25	2.3
1997	91	6.5	99	6.7	86	5.6	68	4.4	31	2.6
1998	81	5.3	114	7.5	127	7.7	75	4.8	32	2.4
1999	90	5.5	123	7.7	130	8.0	80	4.6	21	1.3
2000	67	3.8	139	8.1	122	6.8	91	5.1	25	1.6
2001	108	5.8	131	7.1	155	8.3	90	4.7	25	1.5
2002	119	6.1	147	7.5	132	6.7	93	4.7	22	1.2
2003	109	5.2	112	5.6	119	5.7	99	4.7	24	1.3
2004	96	4.5	142	6.6	172	7.9	99	4.5	43	2.2
2005	126	5.5	153	6.6	161	6.9	129	5.5	43	1.9
2006	124	5.2	137	5.9	172	7.1	104	4.3	38	1.7
2007	107	4.2	150	6.1	187	7.3	115	4.5	54	2.2
2008	127	4.9	155	5.9	183	6.8	139	5.2	54	2.0
2009	156	5.6	148	5.4	169	6.1	119	4.2	41	1.5
2010	124	4.3	155	5.5	167	5.7	127	4.3	51	1.8
2011	119	4.0	135	4.5	211	6.9	129	4.3	40	1.3
2012	152	4.8	168	5.4	184	5.7	106	3.3	31	1.0
2013	131	3.9	147	4.4	185	5.5	131	3.9	40	1.2
2014	144	4.1	147	4.2	173	4.9	160	4.5	48	1.4
2015	128	3.6	156	4.2	201	5.4	146	4.0	59	1.6
2016	138	3.6	151	4.0	197	5.2	143	3.9	62	1.6
2017	139	3.4	161	4.1	203	5.1	133	3.3	72	1.7

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
FEMALE, NON-HISPANIC BLACK										
1994	82	10.3	83	10.4	78	9.6	65	7.8	33	4.3
1995	63	7.6	95	11.7	81	9.7	73	8.9	33	4.2
1996	65	7.8	79	9.7	91	10.6	93	10.9	30	3.7
1997	77	8.9	98	11.5	78	9.0	75	8.5	40	4.9
1998	74	8.4	104	11.9	98	10.9	93	10.5	31	3.6
1999	82	9.2	141	15.7	78	8.5	80	8.6	40	4.7
2000	72	7.8	99	10.9	92	9.8	92	9.7	50	5.4
2001	69	7.4	95	10.3	91	9.4	111	11.8	30	3.1
2002	67	6.9	95	9.8	84	8.5	93	9.6	36	3.9
2003	68	6.9	108	11.2	103	10.5	103	10.0	35	3.6
2004	64	6.5	92	9.3	96	9.4	122	12.0	27	2.7
2005	84	8.3	100	9.7	101	9.8	111	10.4	41	4.2
2006	79	7.5	117	11.4	113	10.8	89	8.4	46	4.5
2007	77	7.1	91	8.6	102	9.5	115	10.6	45	4.2
2008	85	7.9	101	9.4	109	9.8	112	10.2	37	3.6
2009	105	9.3	82	7.4	101	8.9	108	9.6	43	3.8
2010	75	6.4	88	7.5	114	10.0	104	8.9	28	2.4
2011	83	6.8	96	8.1	82	6.8	106	8.7	27	2.3
2012	73	5.8	103	8.8	92	7.6	84	6.8	31	2.6
2013	92	7.3	84	6.7	92	7.4	93	7.4	29	2.6
2014	93	7.3	75	5.7	102	8.3	92	7.4	35	2.6
2015	98	7.5	72	5.5	93	7.1	84	6.3	24	1.9
2016	68	5.0	68	5.2	100	7.5	93	6.8	30	2.4
2017	67	5.0	85	6.2	72	5.3	98	7.4	42	3.1

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
FEMALE, HISPANIC										
1994	56	3.0	140	7.8	114	5.6	77	3.6	33	1.9
1995	63	3.2	126	6.5	99	4.9	89	4.5	22	1.3
1996	88	4.4	131	6.9	114	5.6	78	3.8	38	2.0
1997	74	3.7	129	6.3	115	5.2	74	3.3	32	1.5
1998	96	4.8	174	8.0	127	5.7	97	4.4	38	1.8
1999	94	4.3	151	6.9	138	5.6	119	4.9	43	2.0
2000	98	4.0	166	7.0	129	5.3	120	4.7	39	1.8
2001	119	4.9	159	6.3	136	5.3	99	3.6	42	1.8
2002	111	4.1	160	6.0	132	4.5	131	4.3	54	2.3
2003	129	4.4	191	6.6	159	5.3	143	4.5	56	2.1
2004	130	4.4	168	5.7	152	5.0	129	3.9	67	2.4
2005	136	4.4	193	6.2	165	5.1	128	3.6	71	2.5
2006	136	4.1	191	5.9	189	5.4	155	4.4	65	2.0
2007	148	4.2	184	5.1	201	5.4	158	4.4	69	2.0
2008	153	4.3	188	5.4	191	5.0	151	3.9	48	1.3
2009	161	4.2	203	5.4	204	5.2	151	3.5	68	1.9
2010	190	4.6	201	4.8	228	5.3	160	3.8	60	1.6
2011	175	3.9	207	4.8	238	5.3	177	3.9	45	1.1
2012	162	3.5	230	5.2	238	5.2	190	4.0	54	1.2
2013	208	4.3	227	4.9	232	4.8	195	3.9	65	1.5
2014	214	4.0	237	4.9	268	5.2	191	3.6	63	1.4
2015	245	4.4	253	4.9	282	5.2	222	4.1	81	1.6
2016	218	3.6	238	4.3	298	5.3	226	4.1	119	2.0
2017	237	4.0	243	4.3	270	4.6	247	4.1	146	2.5

(Table Continues)

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Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Sex, Year, Stage at Diagnosis, and Race/Ethnicity, California, 1994-2017, 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
FEMALE, NON-HISPANIC WHITE										
1994	692	6.3	1,187	10.6	815	7.5	605	5.6	300	2.6
1995	746	6.7	1,120	10.0	827	7.6	588	5.5	292	2.5
1996	736	6.6	1,192	10.4	873	8.0	649	6.0	333	2.8
1997	734	6.5	1,216	10.6	876	7.9	653	5.9	368	3.0
1998	760	6.7	1,214	10.5	886	7.9	626	5.7	300	2.5
1999	787	6.9	1,187	10.2	829	7.3	651	5.9	331	2.6
2000	776	6.7	1,166	9.9	909	7.9	610	5.4	323	2.5
2001	787	6.8	1,202	10.1	786	6.8	655	5.8	311	2.5
2002	760	6.6	1,108	9.2	831	7.1	617	5.4	326	2.6
2003	793	6.8	1,084	9.1	839	7.3	606	5.3	301	2.4
2004	678	5.8	975	8.3	778	6.7	668	5.9	292	2.3
2005	753	6.4	986	8.3	772	6.7	638	5.6	315	2.4
2006	725	6.3	939	8.0	777	6.8	616	5.4	312	2.4
2007	735	6.3	926	7.7	805	7.0	573	5.1	270	2.1
2008	759	6.6	1,018	8.5	785	6.6	617	5.4	256	2.0
2009	731	6.3	851	7.0	801	6.8	573	5.1	240	1.8
2010	666	5.8	847	7.0	734	6.3	583	5.0	219	1.6
2011	670	5.7	798	6.4	731	6.2	589	5.0	159	1.1
2012	628	5.3	797	6.4	692	5.8	562	4.8	185	1.3
2013	640	5.5	781	6.2	698	5.8	524	4.5	201	1.4
2014	644	5.5	751	6.0	687	5.7	513	4.5	190	1.3
2015	614	5.4	784	6.4	631	5.3	570	4.7	210	1.5
2016	584	5.1	732	5.8	663	5.6	554	4.7	290	2.2
2017	530	4.4	685	5.5	601	5.0	564	4.8	300	2.4

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019).

Note: For cases diagnosed 1994-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on Surveillance, Epidemiology, and End Results (SEER) extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, Third Edition as modified by SEER. For cases diagnosed 2004-2015, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. For cases diagnosed in 2016, stage at diagnosis is coded per the International Union Against Cancer Classification (UICC) 7th edition. Rates based on fewer than 15 cases are not shown. Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in the 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
ALL RACES								
0	0.00	0.01	0.02	2.88	0.00	0.01	0.02	3.04
25	0.03	0.10	0.34	2.92	0.03	0.11	0.33	3.06
35	0.08	0.32	0.78	2.93	0.08	0.30	0.67	3.05
45	0.25	0.71	1.43	2.90	0.22	0.59	1.22	2.99
55	0.48	1.24	2.12	2.77	0.38	1.02	1.95	2.84
65	0.83	1.80	-	2.52	0.68	1.67	-	2.61
	Lifetime Risk of Being Diagnosed = 2.88%				Lifetime Risk of Being Diagnosed = 3.04%			
	Lifetime Risk of Dying of Cancer = 1.50%				Lifetime Risk of Dying of Cancer = 1.50%			
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.01	3.24	0.00	0.00	0.01	3.22
25	0.02	0.08	0.32	3.29	0.02	0.09	0.29	3.25
35	0.07	0.31	0.78	3.30	0.07	0.28	0.62	3.24
45	0.24	0.73	1.49	3.27	0.21	0.55	1.14	3.19
55	0.50	1.28	2.15	3.10	0.35	0.95	1.77	3.03
65	0.83	1.76	-	2.77	0.63	1.48	-	2.78
	Lifetime Risk of Being Diagnosed = 3.24%				Lifetime Risk of Being Diagnosed = 3.22%			
	Lifetime Risk of Dying of Cancer = 1.72%				Lifetime Risk of Dying of Cancer = 1.69%			
NON-HISPANIC BLACK								
0	0.00	0.00	0.01	2.73	0.00	0.01	0.02	3.24
25	0.02	0.11	0.42	2.82	0.03	0.13	0.41	3.30
35	0.09	0.40	0.99	2.86	0.10	0.38	0.89	3.30
45	0.33	0.94	1.76	2.86	0.28	0.80	1.63	3.27
55	0.65	1.54	2.30	2.72	0.54	1.41	2.36	3.13
65	1.05	1.95	-	2.44	0.96	2.03	-	2.89
	Lifetime Risk of Being Diagnosed = 2.73%				Lifetime Risk of Being Diagnosed = 3.24%			
	Lifetime Risk of Dying of Cancer = 1.69%				Lifetime Risk of Dying of Cancer = 1.75%			
HISPANIC								
0	0.00	0.01	0.02	2.93	0.00	0.01	0.02	2.78
25	0.02	0.09	0.29	2.97	0.03	0.10	0.30	2.80
35	0.07	0.27	0.71	2.98	0.08	0.28	0.64	2.79
45	0.20	0.65	1.40	2.96	0.20	0.57	1.17	2.73
55	0.46	1.25	2.07	2.87	0.38	0.99	1.76	2.59
65	0.86	1.76	-	2.63	0.65	1.46	-	2.33
	Lifetime Risk of Being Diagnosed = 2.93%				Lifetime Risk of Being Diagnosed = 2.78%			
	Lifetime Risk of Dying of Cancer = 1.68%				Lifetime Risk of Dying of Cancer = 1.44%			
NON-HISPANIC WHITE								
0	0.00	0.01	0.03	2.81	0.00	0.01	0.03	3.03
25	0.03	0.12	0.38	2.84	0.03	0.12	0.35	3.04
35	0.09	0.35	0.78	2.84	0.09	0.32	0.66	3.03
45	0.26	0.70	1.38	2.80	0.23	0.58	1.19	2.97
55	0.46	1.17	2.06	2.66	0.36	0.98	1.98	2.82
65	0.79	1.78	-	2.44	0.67	1.72	-	2.62
	Lifetime Risk of Being Diagnosed = 2.81%				Lifetime Risk of Being Diagnosed = 3.03%			
	Lifetime Risk of Dying of Cancer = 1.40%				Lifetime Risk of Dying of Cancer = 1.45%			

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2013-2017.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

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