

**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, Invasive Colon and Rectum 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
<b>ALL RACES</b>												
1988	13,084	6,540	6,544	57.0	67.7	49.4	5,178	2,552	2,626	22.8	27.3	19.8
1989	12,915	6,339	6,576	55.1	64.4	48.8	5,211	2,582	2,629	22.8	27.6	19.6
1990	13,008	6,482	6,526	54.4	64.8	47.2	5,147	2,604	2,543	21.9	26.9	18.5
1991	13,256	6,680	6,576	54.4	64.6	46.9	5,107	2,504	2,603	21.3	25.3	18.5
1992	13,140	6,618	6,522	52.9	63.0	45.6	5,137	2,563	2,574	21.0	25.4	18.0
1993	13,105	6,459	6,646	51.7	60.0	45.6	5,093	2,517	2,576	20.4	24.5	17.6
1994	13,003	6,650	6,353	50.5	60.6	42.9	5,238	2,569	2,669	20.6	24.1	18.0
1995	12,916	6,556	6,360	49.2	58.4	42.3	5,093	2,661	2,432	19.6	24.6	16.0
1996	13,444	6,698	6,746	50.4	58.8	44.1	5,085	2,585	2,500	19.2	23.4	16.2
1997	13,843	6,963	6,880	50.6	59.3	44.0	5,103	2,554	2,549	18.9	22.7	16.1
1998	14,251	7,161	7,090	51.0	59.3	44.6	4,996	2,530	2,466	18.0	21.5	15.3
1999	14,286	7,109	7,177	49.8	57.5	44.0	5,121	2,586	2,535	18.0	21.7	15.4
2000	14,245	7,128	7,117	48.6	56.1	42.7	5,185	2,588	2,597	17.9	21.3	15.4
2001	14,265	7,206	7,059	47.6	55.5	41.5	5,240	2,622	2,618	17.7	20.9	15.2
2002	14,218	7,187	7,031	46.4	53.8	40.6	5,207	2,599	2,608	17.2	20.1	14.8
2003	14,427	7,261	7,166	46.1	53.0	40.6	5,315	2,681	2,634	17.1	20.3	14.6
2004	14,016	7,044	6,972	43.9	50.1	38.9	5,121	2,577	2,544	16.3	19.2	14.0
2005	14,364	7,220	7,144	44.0	49.9	39.1	5,146	2,641	2,505	15.9	19.0	13.5
2006	14,431	7,304	7,127	43.5	49.6	38.5	5,119	2,575	2,544	15.6	18.3	13.5
2007	14,814	7,524	7,290	43.7	49.8	38.7	5,050	2,592	2,458	15.0	17.9	12.7
2008	15,045	7,609	7,436	43.3	48.9	38.7	5,103	2,553	2,550	14.8	17.1	12.9
2009	14,698	7,548	7,150	41.2	47.1	36.4	5,133	2,660	2,473	14.5	17.4	12.3
2010	14,368	7,269	7,099	39.1	44.0	35.2	5,134	2,654	2,480	14.1	16.8	12.0
2011	14,109	7,222	6,887	37.5	42.3	33.4	5,263	2,706	2,557	14.0	16.5	12.1
2012	13,952	7,104	6,848	36.1	40.4	32.5	5,189	2,685	2,504	13.5	15.9	11.6
2013	13,930	7,123	6,807	35.1	39.2	31.6	5,157	2,645	2,512	13.1	15.2	11.3
2014	14,588	7,687	6,901	35.8	41.1	31.3	5,195	2,750	2,445	12.8	15.3	10.8
2015	14,745	7,711	7,034	35.3	40.0	31.3	5,419	2,791	2,628	13.0	15.0	11.3
2016	14,660	7,584	7,076	34.4	38.3	31.0	5,213	2,697	2,516	12.3	14.2	10.6
2017	14,646	7,640	7,006	33.7	38.0	30.1	5,285	2,730	2,555	12.1	14.0	10.6

(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
<b>ASIAN/PACIFIC ISLANDER</b>												
1988	645	355	290	45.3	56.0	37.0	217	121	96	16.6	20.7	13.5
1989	660	348	312	43.2	48.7	38.0	253	146	107	17.8	22.8	13.5
1990	708	376	332	42.6	50.4	36.2	239	136	103	15.3	19.1	12.4
1991	812	417	395	46.1	52.4	40.8	240	127	113	14.8	16.9	12.9
1992	898	484	414	46.2	55.7	38.8	306	159	147	16.5	19.0	14.5
1993	875	483	392	43.1	53.5	34.9	318	175	143	16.9	21.6	13.4
1994	977	530	447	44.5	53.3	37.5	333	172	161	16.1	18.3	14.4
1995	1,078	591	487	46.3	56.5	38.3	329	186	143	15.1	18.8	12.2
1996	1,068	549	519	43.0	49.5	37.9	377	192	185	16.0	18.2	14.3
1997	1,187	652	535	45.2	57.2	36.0	367	185	182	15.1	17.0	13.5
1998	1,235	627	608	43.5	49.7	38.6	396	216	180	14.6	17.9	12.0
1999	1,283	646	637	42.9	49.2	38.1	375	200	175	13.1	16.7	10.4
2000	1,358	698	660	43.0	50.9	37.1	409	232	177	13.7	17.8	10.6
2001	1,489	749	740	44.8	51.4	39.6	433	222	211	13.8	16.3	11.9
2002	1,562	817	745	44.2	52.4	37.9	462	246	216	13.8	17.4	11.3
2003	1,476	782	694	39.9	48.8	33.2	472	240	232	13.4	16.0	11.5
2004	1,577	786	791	40.6	46.5	36.2	496	256	240	13.5	16.4	11.5
2005	1,680	793	887	40.7	43.9	38.3	505	253	252	12.9	14.9	11.4
2006	1,769	913	856	41.2	48.7	35.5	501	250	251	12.3	14.1	10.8
2007	1,864	933	931	41.2	47.3	36.5	532	254	278	12.5	14.0	11.4
2008	1,892	924	968	39.6	43.9	36.2	561	286	275	12.5	14.9	10.6
2009	1,926	979	947	38.6	44.7	33.8	556	287	269	11.8	14.2	10.0
2010	1,897	943	954	36.7	41.8	32.8	594	305	289	11.9	14.2	10.2
2011	1,978	1,005	973	36.4	42.4	31.9	642	309	333	12.0	13.6	10.9
2012	1,937	975	962	34.1	39.0	30.2	696	344	352	12.5	14.3	11.1
2013	1,970	1,049	921	32.7	39.4	27.4	629	341	288	10.7	13.4	8.6
2014	2,128	1,131	997	33.5	40.5	28.1	688	360	328	11.1	13.3	9.3
2015	2,125	1,105	1,020	32.2	37.7	27.8	755	384	371	11.8	13.8	10.1
2016	2,154	1,137	1,017	31.6	37.5	26.8	689	365	324	10.3	12.6	8.4
2017	2,090	1,063	1,027	29.1	33.4	25.7	720	358	362	10.1	11.6	8.9

(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
<b>NON-HISPANIC BLACK</b>												
1988	814	359	455	67.7	72.7	64.8	357	160	197	30.6	33.1	28.9
1989	799	362	437	64.4	71.2	60.6	358	172	186	30.5	36.6	26.7
1990	827	369	458	64.3	66.9	61.7	393	180	213	31.6	34.4	29.6
1991	845	423	422	65.3	78.7	56.3	351	156	195	28.2	29.6	26.6
1992	833	383	450	61.8	67.1	57.9	400	195	205	31.2	37.4	27.1
1993	850	385	465	62.7	67.4	59.3	407	183	224	30.7	33.0	28.9
1994	862	411	451	61.8	71.5	55.7	396	193	203	29.1	34.1	25.7
1995	863	416	447	60.6	69.4	54.3	384	206	178	28.2	37.0	22.2
1996	869	398	471	59.9	65.1	56.0	390	183	207	27.6	30.9	24.9
1997	920	427	493	60.2	63.3	56.9	390	187	203	26.5	30.1	23.8
1998	978	468	510	64.1	74.9	57.6	415	200	215	27.6	31.1	24.8
1999	1,008	457	551	64.0	68.8	60.7	408	196	212	26.7	32.6	23.4
2000	932	412	520	57.8	60.4	55.8	421	207	214	26.8	32.6	23.3
2001	956	440	516	57.2	60.3	54.3	460	223	237	28.8	33.9	25.5
2002	926	429	497	54.7	60.9	51.0	418	210	208	25.8	30.9	22.1
2003	1,022	479	543	58.3	63.3	54.5	444	199	245	26.1	27.6	24.8
2004	1,049	520	529	58.9	68.2	52.3	445	205	240	26.0	29.1	24.0
2005	1,080	510	570	59.4	64.4	55.4	439	223	216	24.9	29.7	21.4
2006	1,091	517	574	58.1	62.0	54.5	448	212	236	25.0	28.3	22.6
2007	1,066	493	573	55.4	58.1	53.2	417	218	199	23.0	29.2	19.0
2008	1,111	542	569	56.4	62.4	51.8	440	218	222	23.2	27.4	20.2
2009	1,152	536	616	56.2	59.8	53.6	425	204	221	22.0	24.0	20.3
2010	1,060	499	561	50.2	53.8	48.0	431	218	213	21.5	25.1	18.7
2011	1,039	514	525	47.9	53.8	43.5	481	253	228	23.3	29.0	19.2
2012	1,011	482	529	45.7	49.6	42.9	460	225	235	21.5	24.5	19.3
2013	1,039	507	532	45.2	49.0	42.4	418	212	206	19.0	22.3	16.5
2014	1,015	504	511	43.2	47.3	39.8	433	229	204	19.2	23.0	16.2
2015	993	495	498	41.0	44.6	37.9	453	224	229	19.5	21.8	17.7
2016	956	478	478	38.2	41.2	35.5	401	202	199	16.9	18.9	15.1
2017	934	451	483	37.6	40.4	35.4	418	226	192	17.5	22.2	14.2

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
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	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>HISPANIC</b>												
1988	946	508	438	35.8	43.2	30.2	338	179	159	13.4	15.4	11.8
1989	1,038	522	516	37.7	43.6	33.6	372	185	187	14.7	17.0	13.2
1990	1,018	510	508	35.7	41.0	32.0	409	214	195	15.6	18.8	13.2
1991	1,125	605	520	37.6	46.3	31.1	398	201	197	14.1	16.3	12.4
1992	1,147	587	560	37.3	44.5	32.3	438	234	204	14.8	18.1	12.4
1993	1,164	581	583	36.0	40.4	32.6	426	215	211	14.0	16.3	12.2
1994	1,198	627	571	36.0	45.4	29.7	461	244	217	14.4	17.9	12.0
1995	1,210	647	563	34.3	42.7	28.3	468	240	228	13.9	16.7	12.0
1996	1,346	714	632	37.5	45.9	31.3	492	259	233	14.5	18.7	11.8
1997	1,318	694	624	34.0	40.4	29.0	485	247	238	14.0	16.5	12.1
1998	1,595	850	745	40.3	49.6	33.5	533	295	238	14.7	18.8	11.7
1999	1,626	833	793	39.1	46.5	33.8	585	303	282	15.2	19.4	12.5
2000	1,684	898	786	38.0	46.6	31.8	631	310	321	15.3	18.1	13.5
2001	1,729	933	796	36.7	45.3	30.2	578	296	282	13.6	16.1	11.7
2002	1,845	982	863	36.3	43.6	30.8	645	343	302	13.9	16.7	11.7
2003	2,005	1,060	945	37.4	45.0	31.6	713	389	324	14.5	18.1	11.8
2004	2,067	1,091	976	37.1	44.6	31.5	655	346	309	12.9	16.1	10.6
2005	2,179	1,191	988	36.6	44.8	30.2	761	411	350	14.2	17.9	11.5
2006	2,268	1,208	1,060	36.8	45.0	30.8	831	416	415	14.8	17.6	12.9
2007	2,404	1,263	1,141	36.1	43.0	30.9	764	425	339	12.8	16.1	10.3
2008	2,541	1,459	1,082	37.0	47.7	28.7	821	446	375	13.0	16.1	10.6
2009	2,562	1,407	1,155	35.3	43.8	28.8	854	493	361	12.8	17.2	9.6
2010	2,621	1,371	1,250	33.7	39.8	29.1	881	499	382	12.5	16.3	9.6
2011	2,728	1,451	1,277	33.1	39.3	28.3	971	534	437	13.1	16.6	10.6
2012	2,801	1,497	1,304	32.3	38.3	27.6	970	532	438	12.3	15.3	10.0
2013	2,853	1,514	1,339	31.3	36.8	27.0	1,038	580	458	12.4	16.1	9.8
2014	3,106	1,674	1,432	32.2	38.0	27.6	995	561	434	11.5	14.8	9.0
2015	3,351	1,784	1,567	33.0	39.0	28.4	1,101	604	497	11.9	14.9	9.7
2016	3,412	1,812	1,600	31.8	37.1	27.7	1,102	586	516	11.4	13.5	9.7
2017	3,499	1,856	1,643	31.6	36.6	27.8	1,127	610	517	11.2	13.5	9.3

(Table Continues)

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	New Cases			Annual Rate			Deaths			Annual Rate		
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<b>NON-HISPANIC WHITE</b>												
1988	10,601	5,277	5,324	59.9	71.7	51.5	4,253	2,085	2,168	24.1	29.1	20.7
1989	10,340	5,062	5,278	57.7	68.0	50.7	4,219	2,077	2,142	23.8	29.1	20.4
1990	10,375	5,189	5,186	57.0	69.0	48.9	4,089	2,066	2,023	22.7	28.3	18.9
1991	10,408	5,199	5,209	56.7	67.4	48.9	4,102	2,015	2,087	22.5	27.1	19.3
1992	10,197	5,130	5,067	55.0	66.1	46.9	3,983	1,968	2,015	21.6	26.3	18.5
1993	10,129	4,967	5,162	54.0	63.0	47.5	3,934	1,939	1,995	21.1	25.5	18.0
1994	9,875	5,041	4,834	52.4	63.2	44.1	4,035	1,956	2,079	21.4	25.2	18.7
1995	9,691	4,863	4,828	51.0	60.3	44.0	3,900	2,025	1,875	20.4	25.8	16.7
1996	10,083	5,003	5,080	52.7	61.6	46.0	3,816	1,944	1,872	19.8	24.4	16.4
1997	10,325	5,140	5,185	53.3	62.2	46.4	3,841	1,926	1,915	19.7	23.9	16.6
1998	10,342	5,166	5,176	52.8	61.3	46.2	3,640	1,814	1,826	18.4	21.8	15.7
1999	10,251	5,117	5,134	51.6	59.9	45.2	3,745	1,880	1,865	18.6	22.3	15.7
2000	10,179	5,077	5,102	50.8	58.7	44.4	3,697	1,825	1,872	18.1	21.6	15.6
2001	9,967	5,010	4,957	49.3	57.4	42.9	3,757	1,873	1,884	18.3	21.8	15.6
2002	9,786	4,904	4,882	48.0	55.4	42.1	3,656	1,787	1,869	17.7	20.5	15.4
2003	9,811	4,894	4,917	47.9	54.6	42.4	3,667	1,839	1,828	17.5	20.9	14.8
2004	9,210	4,589	4,621	44.7	50.5	39.9	3,489	1,754	1,735	16.7	19.7	14.3
2005	9,303	4,653	4,650	44.9	50.7	40.1	3,411	1,733	1,678	16.2	19.2	13.6
2006	9,156	4,591	4,565	44.4	50.1	39.6	3,311	1,677	1,634	15.6	18.4	13.3
2007	9,313	4,746	4,567	44.8	50.9	39.6	3,303	1,678	1,625	15.4	18.2	13.2
2008	9,311	4,579	4,732	44.4	48.6	40.7	3,242	1,584	1,658	14.9	16.9	13.3
2009	8,879	4,528	4,351	41.9	47.2	37.4	3,268	1,659	1,609	14.9	17.4	12.9
2010	8,575	4,351	4,224	40.0	44.7	36.1	3,203	1,620	1,583	14.4	16.8	12.5
2011	8,161	4,149	4,012	38.0	42.1	34.3	3,125	1,584	1,541	13.9	16.0	12.2
2012	7,990	4,029	3,961	36.6	40.1	33.5	3,036	1,565	1,471	13.5	15.7	11.6
2013	7,856	3,939	3,917	35.7	38.8	32.8	3,041	1,495	1,546	13.2	14.7	11.9
2014	8,111	4,253	3,858	36.6	41.4	32.5	3,042	1,581	1,461	13.1	15.3	11.3
2015	8,016	4,190	3,826	36.2	40.5	32.2	3,048	1,542	1,506	12.9	14.5	11.4
2016	7,835	3,998	3,837	35.1	38.2	32.3	2,977	1,522	1,455	12.6	14.3	11.1
2017	7,739	4,063	3,676	34.8	38.9	31.0	2,974	1,515	1,459	12.4	14.1	11.0

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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, Invasive Colon and Rectum 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
<b>ALL RACES</b>												
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	119	54	65	0.9	0.8	1.0	4	3	1	0.0	0.1	0.0
20 - 24	199	89	110	1.4	1.2	1.6	29	19	10	0.2	0.3	0.1
25 - 29	384	197	187	2.6	2.5	2.6	67	45	22	0.5	0.6	0.3
30 - 34	776	396	380	5.5	5.5	5.5	150	81	69	1.1	1.1	1.0
35 - 39	1,274	679	595	9.7	10.3	9.2	242	132	110	1.9	2.0	1.7
40 - 44	2,176	1,113	1,063	17.0	17.4	16.6	488	243	245	3.8	3.8	3.8
45 - 49	3,841	2,060	1,781	29.6	31.8	27.5	937	535	402	7.2	8.3	6.2
50 - 54	7,312	3,977	3,335	56.0	61.4	50.6	1,623	897	726	12.4	13.9	11.0
55 - 59	7,762	4,457	3,305	62.6	73.5	52.2	2,196	1,267	929	17.7	20.9	14.7
60 - 64	8,728	4,977	3,751	82.4	98.2	67.9	2,655	1,568	1,087	25.1	30.9	19.7
65 - 69	9,367	5,218	4,149	108.8	128.9	91.0	2,948	1,711	1,237	34.3	42.3	27.1
70 - 74	8,019	4,283	3,736	130.9	152.6	112.6	2,835	1,624	1,211	46.3	57.8	36.5
75 - 79	7,370	3,711	3,659	169.4	192.1	151.3	2,975	1,567	1,408	68.4	81.1	58.2
80 - 84	6,714	3,133	3,581	213.3	235.4	197.2	3,204	1,575	1,629	101.8	118.3	89.7
85 +	8,465	3,378	5,087	240.9	264.9	227.2	5,915	2,345	3,570	168.3	183.9	159.5
Total/Crude	72,569	37,745	34,824	37.2	39.0	35.5	26,269	13,613	12,656	13.5	14.1	12.9
<b>ASIAN/PACIFIC ISLANDER</b>												
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	7	3	4	0.4	0.3	0.5	0	0	0	0.0	0.0	0.0
20 - 24	12	5	7	0.6	0.5	0.7	5	4	1	0.3	0.4	0.1
25 - 29	41	26	15	1.7	2.2	1.2	7	5	2	0.3	0.4	0.2
30 - 34	97	50	47	4.1	4.4	3.8	26	11	15	1.1	1.0	1.2
35 - 39	204	90	114	9.2	8.7	9.6	55	25	30	2.5	2.4	2.5
40 - 44	344	177	167	15.2	16.9	13.7	79	44	35	3.5	4.2	2.9
45 - 49	606	312	294	28.6	31.8	25.8	154	81	73	7.3	8.3	6.4
50 - 54	1,124	586	538	55.3	62.4	49.1	250	130	120	12.3	13.8	11.0
55 - 59	1,134	663	471	59.1	76.1	44.9	304	168	136	15.8	19.3	13.0
60 - 64	1,366	773	593	80.8	102.2	63.5	376	219	157	22.2	29.0	16.8
65 - 69	1,499	843	656	110.4	139.7	87.0	372	236	136	27.4	39.1	18.0
70 - 74	1,116	606	510	119.5	146.3	98.1	382	225	157	40.9	54.3	30.2
75 - 79	965	506	459	138.4	167.3	116.3	356	201	155	51.1	66.5	39.3
80 - 84	905	417	488	182.1	204.5	166.5	423	191	232	85.1	93.7	79.2
85 +	1,046	428	618	204.3	225.3	191.9	692	268	424	135.2	141.1	131.7
Total/Crude	10,467	5,485	4,982	35.6	39.3	32.3	3,481	1,808	1,673	11.8	13.0	10.8

(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, Invasive Colon and Rectum 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
<b>NON-HISPANIC BLACK</b>												
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	1	0	1	0.1	0.0	0.2
20 - 24	9	5	4	0.9	0.9	0.8	2	1	1	0.2	0.2	0.2
25 - 29	20	12	8	2.0	2.3	1.7	4	3	1	0.4	0.6	0.2
30 - 34	54	29	25	6.4	6.7	6.1	17	10	7	2.0	2.3	1.7
35 - 39	79	41	38	10.3	10.6	10.0	19	9	10	2.5	2.3	2.6
40 - 44	133	57	76	17.8	15.3	20.3	46	19	27	6.2	5.1	7.2
45 - 49	290	154	136	35.6	38.0	33.3	93	58	35	11.4	14.3	8.6
50 - 54	541	286	255	62.3	66.8	57.9	160	95	65	18.4	22.2	14.8
55 - 59	643	357	286	78.9	90.0	68.5	215	114	101	26.4	28.7	24.2
60 - 64	682	370	312	106.1	122.2	91.8	257	138	119	40.0	45.6	35.0
65 - 69	690	356	334	143.0	163.9	125.9	298	178	120	61.8	82.0	45.2
70 - 74	565	261	304	170.3	182.0	161.4	238	131	107	71.7	91.3	56.8
75 - 79	487	223	264	199.9	216.3	187.8	280	131	149	114.9	127.1	106.0
80 - 84	386	169	217	240.4	265.1	224.2	209	101	108	130.2	158.4	111.6
85 +	350	112	238	225.7	223.0	227.1	284	105	179	183.2	209.0	170.8
Total/Crude	4,937	2,435	2,502	40.8	40.6	41.0	2,123	1,093	1,030	17.6	18.2	16.9
<b>HISPANIC</b>												
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	57	28	29	0.9	0.8	0.9	3	3	0	0.1	0.1	0.0
20 - 24	79	33	46	1.2	1.0	1.4	11	9	2	0.2	0.3	0.1
25 - 29	163	72	91	2.6	2.2	3.0	31	21	10	0.5	0.6	0.3
30 - 34	292	147	145	5.0	4.8	5.2	62	33	29	1.1	1.1	1.0
35 - 39	482	257	225	8.8	9.2	8.4	85	49	36	1.6	1.8	1.3
40 - 44	786	392	394	15.1	15.0	15.2	193	95	98	3.7	3.6	3.8
45 - 49	1,180	634	546	24.6	26.1	23.1	307	176	131	6.4	7.2	5.6
50 - 54	2,055	1,089	966	49.6	52.5	46.7	440	254	186	10.6	12.3	9.0
55 - 59	1,998	1,131	867	59.3	68.7	50.4	564	330	234	16.8	20.1	13.6
60 - 64	2,115	1,196	919	84.2	100.3	69.6	619	375	244	24.6	31.5	18.5
65 - 69	1,981	1,139	842	111.3	139.0	87.7	603	343	260	33.9	41.9	27.1
70 - 74	1,544	841	703	128.9	160.5	104.4	529	312	217	44.2	59.5	32.2
75 - 79	1,263	647	616	151.3	184.3	127.3	528	296	232	63.3	84.3	48.0
80 - 84	1,038	486	552	178.7	207.5	159.2	526	266	260	90.6	113.6	75.0
85 +	1,158	537	621	201.4	254.3	170.8	861	378	483	149.8	179.0	132.8
Total/Crude	16,221	8,640	7,581	21.5	22.7	20.2	5,363	2,941	2,422	7.1	7.7	6.5

(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, Invasive Colon and Rectum 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
<b>NON-HISPANIC WHITE</b>												
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	49	20	29	1.3	1.0	1.5	0	0	0	0.0	0.0	0.0
20 - 24	92	45	47	2.0	1.9	2.2	11	5	6	0.2	0.2	0.3
25 - 29	148	82	66	2.8	3.0	2.6	25	16	9	0.5	0.6	0.4
30 - 34	317	161	156	6.3	6.2	6.4	45	27	18	0.9	1.0	0.7
35 - 39	493	282	211	10.9	12.0	9.6	82	49	33	1.8	2.1	1.5
40 - 44	865	467	398	19.1	20.0	18.1	166	82	84	3.7	3.5	3.8
45 - 49	1,692	916	776	32.8	34.9	30.6	375	215	160	7.3	8.2	6.3
50 - 54	3,367	1,889	1,478	56.7	63.0	50.2	758	414	344	12.8	13.8	11.7
55 - 59	3,796	2,207	1,589	61.1	71.0	51.2	1,095	645	450	17.6	20.7	14.5
60 - 64	4,359	2,517	1,842	76.7	90.3	63.7	1,370	815	555	24.1	29.2	19.2
65 - 69	5,001	2,771	2,230	101.3	116.2	87.4	1,644	936	708	33.3	39.3	27.7
70 - 74	4,644	2,494	2,150	128.0	145.9	112.0	1,663	940	723	45.8	55.0	37.7
75 - 79	4,552	2,285	2,267	178.3	196.1	163.3	1,780	924	856	69.7	79.3	61.7
80 - 84	4,313	2,022	2,291	227.5	245.6	213.7	2,027	1,007	1,020	106.9	122.3	95.1
85 +	5,841	2,273	3,568	258.5	277.5	247.8	4,041	1,580	2,461	178.9	192.9	170.9
Total/Crude	39,557	20,443	19,114	51.5	53.3	49.7	15,082	7,655	7,427	19.6	20.0	19.3

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 Year, Race/Ethnicity, and Sex, California, 1988-2017, In Situ Colon and Rectum Cancer**

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>ALL RACES</b>						
1988	1,074	616	458	4.5	6.1	3.4
1989	1,108	618	490	4.6	6.0	3.6
1990	1,072	610	462	4.4	5.9	3.3
1991	1,027	586	441	4.1	5.5	3.2
1992	1,048	595	453	4.2	5.4	3.2
1993	931	501	430	3.6	4.5	2.9
1994	857	462	395	3.3	4.1	2.7
1995	933	556	377	3.5	4.9	2.5
1996	831	452	379	3.1	3.9	2.5
1997	770	438	332	2.8	3.7	2.2
1998	841	475	366	3.0	3.9	2.3
1999	864	476	388	3.0	3.7	2.4
2000	847	455	392	2.9	3.5	2.4
2001	782	436	346	2.6	3.3	2.0
2002	783	428	355	2.5	3.1	2.1
2003	734	410	324	2.3	2.9	1.8
2004	780	430	350	2.4	3.0	2.0
2005	714	410	304	2.2	2.9	1.7
2006	728	397	331	2.2	2.6	1.8
2007	763	400	363	2.2	2.6	2.0
2008	699	405	294	2.0	2.5	1.6
2009	631	320	311	1.7	1.9	1.6
2010	550	314	236	1.5	1.9	1.2
2011	464	254	210	1.2	1.5	1.0
2012	515	290	225	1.3	1.6	1.1
2013	543	319	224	1.4	1.7	1.0
2014	479	257	222	1.2	1.4	1.0
2015	408	223	185	0.9	1.1	0.8
2016	519	287	232	1.2	1.4	1.0
2017	472	265	207	1.1	1.3	0.9

(Table Continues)

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

Source: California Cancer Registry (December 2019).

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

Rates based on fewer than 15 cases are not shown.

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 Year, Race/Ethnicity, and Sex, California, 1988-2017, In Situ Colon and Rectum Cancer (continued)**

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>ASIAN/PACIFIC ISLANDER</b>						
1988	40	23	17	2.4	3.0	1.9
1989	53	29	24	3.3	4.0	2.8
1990	41	22	19	2.5	3.1	2.1
1991	51	26	25	2.9	3.2	2.7
1992	61	34	27	2.9	3.6	2.3
1993	53	23	30	2.4	2.3	2.6
1994	51	34	17	2.3	3.3	1.5
1995	68	49	19	2.9	4.8	1.4
1996	65	36	29	2.4	3.1	2.0
1997	63	39	24	2.2	3.0	1.6
1998	63	39	24	2.3	3.4	1.5
1999	65	38	27	2.1	2.8	1.5
2000	84	44	40	2.7	3.2	2.3
2001	85	46	39	2.5	3.1	2.0
2002	82	49	33	2.3	3.2	1.6
2003	84	40	44	2.2	2.5	2.0
2004	88	46	42	2.2	2.7	1.9
2005	93	50	43	2.3	2.9	1.8
2006	88	41	47	2.0	2.2	1.9
2007	93	50	43	2.1	2.5	1.7
2008	90	48	42	1.9	2.3	1.6
2009	87	36	51	1.8	1.7	1.8
2010	81	47	34	1.5	2.0	1.1
2011	74	41	33	1.4	1.7	1.1
2012	78	39	39	1.3	1.5	1.2
2013	71	33	38	1.2	1.3	1.1
2014	81	47	34	1.3	1.7	0.9
2015	78	39	39	1.2	1.3	1.1
2016	90	46	44	1.3	1.5	1.1
2017	88	53	35	1.2	1.6	0.8

(Table Continues)

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

Source: California Cancer Registry (December 2019).

Note: Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Rates based on fewer than 15 cases are not shown.

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 Year, Race/Ethnicity, and Sex, California, 1988-2017, In Situ Colon and Rectum Cancer (continued)**

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC BLACK</b>						
1988	54	26	28	4.5	5.0	4.1
1989	71	37	34	5.3	6.6	4.4
1990	80	44	36	6.0	7.9	4.7
1991	61	42	19	4.4	6.5	2.6
1992	49	30	19	3.5	5.0	2.4
1993	71	30	41	5.0	4.9	5.1
1994	65	32	33	4.5	5.1	4.1
1995	65	40	25	4.6	6.9	3.0
1996	64	31	33	4.4	4.7	3.9
1997	70	30	40	4.7	4.7	4.6
1998	75	35	40	4.7	4.9	4.5
1999	83	39	44	5.2	5.3	4.9
2000	71	39	32	4.3	5.3	3.5
2001	65	36	29	3.8	4.9	3.0
2002	72	33	39	4.3	4.6	4.0
2003	71	40	31	3.9	5.0	3.1
2004	58	32	26	3.3	4.2	2.6
2005	45	30	15	2.5	3.9	1.4
2006	78	30	48	4.3	3.6	4.7
2007	56	20	36	2.9	2.4	3.4
2008	66	42	24	3.2	4.3	2.2
2009	56	27	29	2.5	2.9	2.3
2010	38	29	9	1.8	3.1	-
2011	48	28	20	2.1	3.0	1.5
2012	36	20	16	1.6	1.9	1.3
2013	52	29	23	2.2	3.0	1.7
2014	47	23	24	2.0	2.2	1.9
2015	27	11	16	1.1	-	1.2
2016	32	15	17	1.2	1.3	1.2
2017	30	17	13	1.3	1.7	-

(Table Continues)

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

Source: California Cancer Registry (December 2019).

Note: Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Rates based on fewer than 15 cases are not shown.

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 Year, Race/Ethnicity, and Sex, California, 1988-2017, In Situ Colon and Rectum Cancer (continued)**

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>HISPANIC</b>						
1988	78	40	38	2.6	3.0	2.3
1989	74	42	32	2.4	3.3	1.7
1990	81	46	35	2.7	3.6	2.1
1991	65	41	24	2.1	2.9	1.4
1992	85	43	42	2.7	2.8	2.5
1993	75	34	41	2.1	2.2	2.0
1994	69	45	24	2.0	3.0	1.3
1995	86	38	48	2.5	2.6	2.4
1996	81	50	31	2.2	3.3	1.4
1997	75	43	32	1.8	2.5	1.4
1998	82	49	33	2.0	2.9	1.4
1999	105	67	38	2.4	3.4	1.7
2000	97	46	51	2.0	2.3	1.9
2001	98	51	47	2.1	2.7	1.8
2002	106	49	57	2.1	2.2	2.0
2003	90	46	44	1.7	2.2	1.4
2004	110	60	50	2.1	2.6	1.7
2005	86	52	34	1.5	2.2	1.0
2006	98	55	43	1.5	2.0	1.2
2007	133	81	52	2.0	2.8	1.4
2008	98	56	42	1.5	1.9	1.1
2009	106	52	54	1.5	1.7	1.4
2010	105	57	48	1.4	1.8	1.1
2011	84	45	39	1.0	1.3	0.8
2012	95	52	43	1.1	1.3	0.9
2013	117	66	51	1.3	1.7	1.0
2014	95	49	46	1.0	1.2	0.9
2015	110	62	48	1.1	1.3	0.9
2016	107	58	49	1.0	1.2	0.8
2017	120	63	57	1.1	1.3	0.9

(Table Continues)

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

Source: California Cancer Registry (December 2019).

Note: Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Rates based on fewer than 15 cases are not shown.

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 Year, Race/Ethnicity, and Sex, California, 1988-2017, In Situ Colon and Rectum Cancer (continued)**

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>						
1988	886	518	368	4.9	6.8	3.6
1989	903	505	398	5.0	6.5	3.9
1990	856	489	367	4.6	6.3	3.5
1991	836	467	369	4.5	5.9	3.5
1992	833	474	359	4.5	5.9	3.3
1993	705	399	306	3.7	4.9	2.8
1994	653	343	310	3.5	4.2	2.9
1995	700	422	278	3.7	5.1	2.7
1996	600	322	278	3.1	3.9	2.6
1997	551	321	230	2.9	3.8	2.1
1998	608	346	262	3.1	4.1	2.4
1999	595	324	271	3.0	3.7	2.5
2000	572	314	258	2.9	3.6	2.3
2001	519	294	225	2.6	3.3	2.0
2002	505	285	220	2.5	3.2	2.0
2003	478	278	200	2.3	3.0	1.8
2004	504	280	224	2.5	3.0	2.0
2005	476	270	206	2.3	2.9	1.8
2006	449	261	188	2.2	2.8	1.7
2007	452	231	221	2.2	2.4	2.0
2008	421	247	174	2.0	2.5	1.6
2009	359	188	171	1.7	1.9	1.5
2010	300	165	135	1.4	1.7	1.2
2011	242	130	112	1.1	1.2	0.9
2012	289	166	123	1.3	1.6	1.0
2013	286	176	110	1.3	1.7	0.9
2014	245	134	111	1.1	1.3	0.9
2015	178	106	72	0.8	1.0	0.6
2016	252	146	106	1.1	1.3	0.9
2017	206	118	88	0.9	1.1	0.7

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

Source: California Cancer Registry (December 2019).

Note: Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded. Rates based on fewer than 15 cases are not shown.

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

**Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, In Situ Colon and Rectum Cancer**

Age at Diagnosis or Death	Incidence					
	New Cases 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>ALL RACES</b>						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	2	2	0	0.0	0.0	0.0
20 - 24	5	4	1	0.0	0.1	0.0
25 - 29	11	5	6	0.1	0.1	0.1
30 - 34	18	7	11	0.1	0.1	0.2
35 - 39	20	13	7	0.2	0.2	0.1
40 - 44	29	14	15	0.2	0.2	0.2
45 - 49	99	50	49	0.8	0.8	0.8
50 - 54	333	203	130	2.5	3.1	2.0
55 - 59	290	163	127	2.3	2.7	2.0
60 - 64	353	185	168	3.3	3.6	3.0
65 - 69	378	203	175	4.4	5.0	3.8
70 - 74	323	181	142	5.3	6.4	4.3
75 - 79	236	149	87	5.4	7.7	3.6
80 - 84	171	100	71	5.4	7.5	3.9
85 +	153	72	81	4.4	5.6	3.6
Total/Crude	2,421	1,351	1,070	1.2	1.4	1.1
<b>ASIAN/PACIFIC ISLANDER</b>						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	1	1	0	0.1	0.1	0.0
20 - 24	1	0	1	0.1	0.0	0.1
25 - 29	1	1	0	0.0	0.1	0.0
30 - 34	0	0	0	0.0	0.0	0.0
35 - 39	2	0	2	0.1	0.0	0.2
40 - 44	5	1	4	0.2	0.1	0.3
45 - 49	15	8	7	0.7	0.8	0.6
50 - 54	58	29	29	2.9	3.1	2.6
55 - 59	43	22	21	2.2	2.5	2.0
60 - 64	73	34	39	4.3	4.5	4.2
65 - 69	63	37	26	4.6	6.1	3.4
70 - 74	56	29	27	6.0	7.0	5.2
75 - 79	34	22	12	4.9	7.3	3.0
80 - 84	31	21	10	6.2	10.3	3.4
85 +	25	13	12	4.9	6.8	3.7
Total/Crude	408	218	190	1.4	1.6	1.2

(Table Continues)

**Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, In Situ Colon and Rectum Cancer (continued)**

Age at Diagnosis or Death	Incidence					
	New Cases 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC BLACK</b>						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	1	1	0	0.1	0.2	0.0
20 - 24	0	0	0	0.0	0.0	0.0
25 - 29	1	0	1	0.1	0.0	0.2
30 - 34	2	1	1	0.2	0.2	0.2
35 - 39	1	1	0	0.1	0.3	0.0
40 - 44	2	1	1	0.3	0.3	0.3
45 - 49	6	3	3	0.7	0.7	0.7
50 - 54	29	16	13	3.3	3.7	3.0
55 - 59	22	9	13	2.7	2.3	3.1
60 - 64	20	10	10	3.1	3.3	2.9
65 - 69	28	12	16	5.8	5.5	6.0
70 - 74	29	17	12	8.7	11.9	6.4
75 - 79	18	10	8	7.4	9.7	5.7
80 - 84	18	9	9	11.2	14.1	9.3
85 +	11	5	6	7.1	10.0	5.7
Total/Crude	188	95	93	1.6	1.6	1.5
<b>HISPANIC</b>						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0
20 - 24	2	2	0	0.0	0.1	0.0
25 - 29	3	1	2	0.0	0.0	0.1
30 - 34	10	3	7	0.2	0.1	0.2
35 - 39	7	4	3	0.1	0.1	0.1
40 - 44	10	4	6	0.2	0.2	0.2
45 - 49	28	14	14	0.6	0.6	0.6
50 - 54	98	62	36	2.4	3.0	1.7
55 - 59	64	31	33	1.9	1.9	1.9
60 - 64	83	39	44	3.3	3.3	3.3
65 - 69	80	44	36	4.5	5.4	3.8
70 - 74	73	41	32	6.1	7.8	4.8
75 - 79	43	26	17	5.2	7.4	3.5
80 - 84	27	17	10	4.6	7.3	2.9
85 +	21	10	11	3.7	4.7	3.0
Total/Crude	549	298	251	0.7	0.8	0.7

(Table Continues)

**Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, In Situ Colon and Rectum Cancer (continued)**

Age at Diagnosis or Death	Incidence					
	New Cases 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0
20 - 24	1	1	0	0.0	0.0	0.0
25 - 29	6	3	3	0.1	0.1	0.1
30 - 34	6	3	3	0.1	0.1	0.1
35 - 39	9	7	2	0.2	0.3	0.1
40 - 44	12	8	4	0.3	0.3	0.2
45 - 49	40	19	21	0.8	0.7	0.8
50 - 54	135	89	46	2.3	3.0	1.6
55 - 59	144	92	52	2.3	3.0	1.7
60 - 64	156	89	67	2.7	3.2	2.3
65 - 69	187	101	86	3.8	4.2	3.4
70 - 74	154	90	64	4.2	5.3	3.3
75 - 79	133	84	49	5.2	7.2	3.5
80 - 84	92	52	40	4.9	6.3	3.7
85 +	92	42	50	4.1	5.1	3.5
Total/Crude	1,167	680	487	1.5	1.8	1.3

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

Source: California Cancer Registry (December 2019).

Note: 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 and Rectum 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
<b>BOTH SEXES COMBINED, ALL RACES</b>										
1994	2,956	11.4	3,694	14.4	2,776	10.7	2,143	8.2	1,158	4.6
1995	2,935	11.1	3,533	13.5	2,825	10.7	2,167	8.2	1,121	4.4
1996	3,055	11.4	3,667	13.8	2,876	10.7	2,222	8.3	1,278	4.9
1997	3,146	11.5	3,771	13.8	2,934	10.7	2,261	8.2	1,385	5.2
1998	3,367	12.1	3,883	14.0	3,120	11.1	2,379	8.4	1,148	4.2
1999	3,366	11.8	3,830	13.4	3,086	10.7	2,358	8.2	1,310	4.6
2000	3,331	11.4	3,821	13.1	3,129	10.6	2,353	8.0	1,273	4.4
2001	3,377	11.3	3,772	12.7	3,151	10.5	2,352	7.8	1,262	4.2
2002	3,296	10.8	3,640	12.0	3,141	10.2	2,443	7.9	1,326	4.3
2003	3,377	10.8	3,677	11.8	3,193	10.1	2,475	7.8	1,318	4.2
2004	2,985	9.4	3,319	10.5	3,078	9.6	2,641	8.2	1,398	4.4
2005	3,101	9.6	3,440	10.6	3,146	9.6	2,629	8.0	1,411	4.3
2006	3,137	9.6	3,397	10.4	3,204	9.6	2,618	7.8	1,457	4.3
2007	3,257	9.7	3,427	10.2	3,333	9.8	2,586	7.6	1,518	4.4
2008	3,334	9.7	3,478	10.1	3,386	9.7	2,655	7.6	1,500	4.3
2009	3,312	9.3	3,266	9.3	3,323	9.3	2,658	7.4	1,548	4.3
2010	3,359	9.2	3,233	8.9	3,377	9.2	2,635	7.1	1,168	3.1
2011	3,278	8.7	3,155	8.5	3,407	9.1	2,705	7.1	1,000	2.6
2012	3,208	8.3	3,240	8.5	3,439	8.9	2,618	6.7	981	2.5
2013	3,153	7.9	3,141	8.0	3,416	8.6	2,713	6.8	1,079	2.7
2014	3,342	8.2	3,216	7.9	3,575	8.8	2,822	6.9	1,183	2.9
2015	3,372	8.0	3,200	7.8	3,578	8.6	2,872	6.9	1,263	3.0
2016	3,043	7.1	3,062	7.3	3,654	8.6	2,861	6.7	1,805	4.2
2017	2,844	6.5	3,018	7.0	3,672	8.5	2,925	6.8	1,998	4.5

(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 and Rectum 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>BOTH SEXES COMBINED, ASIAN/PACIFIC ISLANDER</b>										
1994	203	9.4	262	12.0	218	9.4	169	7.6	105	5.1
1995	235	9.9	265	11.4	276	11.6	166	7.1	106	5.1
1996	236	9.1	295	12.1	256	10.4	171	6.8	97	4.2
1997	272	10.5	279	10.7	289	10.6	186	6.9	137	5.7
1998	278	9.8	313	11.4	304	10.2	205	7.1	104	3.9
1999	302	10.1	332	11.4	324	10.8	198	6.3	102	3.6
2000	284	8.9	356	11.4	349	11.1	221	6.7	123	4.1
2001	334	10.0	350	10.7	410	12.3	236	6.9	120	3.7
2002	353	10.1	360	10.2	410	11.4	270	7.6	136	3.9
2003	373	10.1	333	9.1	342	9.1	258	6.9	129	3.5
2004	299	7.8	348	9.0	396	10.0	298	7.6	171	4.5
2005	329	8.1	391	9.5	425	10.2	291	6.9	172	4.2
2006	366	8.7	406	9.8	454	10.3	295	6.7	191	4.4
2007	358	7.9	402	9.0	451	9.9	320	7.0	232	5.1
2008	364	7.7	390	8.4	475	9.8	336	6.9	228	4.7
2009	436	8.8	382	7.8	474	9.4	342	6.7	215	4.3
2010	439	8.4	403	8.0	455	8.9	349	6.6	178	3.5
2011	434	8.0	406	7.6	554	10.1	335	6.1	160	3.0
2012	486	8.4	426	7.6	517	9.0	305	5.4	145	2.6
2013	452	7.5	399	6.6	513	8.5	408	6.7	135	2.3
2014	480	7.5	407	6.5	549	8.6	430	6.7	187	3.0
2015	469	7.0	408	6.2	559	8.5	405	6.2	208	3.1
2016	467	6.8	409	6.0	594	8.8	400	5.9	248	3.6
2017	423	5.8	411	5.8	608	8.5	371	5.2	248	3.5

(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 and Rectum 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>BOTH SEXES COMBINED, NON-HISPANIC BLACK</b>										
1994	181	13.3	213	15.1	177	12.6	165	11.4	110	8.1
1995	177	12.4	201	14.2	190	13.2	162	11.2	109	7.9
1996	180	12.2	195	14.0	172	11.4	180	12.2	113	8.0
1997	167	10.9	228	15.2	191	12.3	180	11.5	117	7.9
1998	191	12.4	233	15.5	218	14.1	199	12.7	99	7.0
1999	185	11.8	266	17.2	194	12.1	199	12.3	127	8.2
2000	182	11.3	217	13.9	193	11.8	203	12.3	107	6.7
2001	195	11.7	202	12.3	202	11.9	221	13.1	114	6.9
2002	169	10.0	217	13.1	211	12.3	198	11.3	104	6.3
2003	192	11.1	233	13.6	225	12.7	220	11.8	128	7.7
2004	189	10.7	232	13.3	218	12.0	269	14.9	101	5.8
2005	194	11.0	206	11.3	252	13.8	246	13.0	127	7.3
2006	203	11.0	231	12.6	252	13.1	213	11.0	134	7.3
2007	192	10.0	222	11.9	242	12.3	230	11.9	128	6.6
2008	222	11.5	236	12.5	236	11.6	245	12.2	123	6.2
2009	242	11.9	206	10.2	242	11.7	251	12.1	153	7.3
2010	221	10.3	198	9.6	250	12.1	239	11.0	99	4.7
2011	251	11.4	218	10.2	204	9.3	224	10.2	87	4.4
2012	212	9.5	229	10.5	220	9.7	220	9.8	93	4.4
2013	243	10.4	207	9.1	237	10.3	221	9.4	91	4.4
2014	224	9.4	183	7.9	256	11.0	228	9.8	95	4.0
2015	251	10.5	176	7.4	242	9.8	210	8.4	85	3.7
2016	195	7.7	162	6.7	218	8.6	238	9.5	131	5.2
2017	179	7.1	171	6.9	197	7.9	229	9.5	146	5.8

(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 and Rectum 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>BOTH SEXES COMBINED, HISPANIC</b>										
1994	229	6.9	350	11.3	273	7.9	215	6.0	108	3.4
1995	244	7.0	339	9.8	285	7.8	219	6.2	91	2.6
1996	260	7.4	378	10.6	303	8.2	221	6.0	146	4.1
1997	269	7.3	362	9.6	311	7.5	226	5.6	108	2.9
1998	328	8.5	450	11.7	382	9.3	272	6.8	126	3.2
1999	327	8.2	416	10.3	362	8.2	330	7.6	160	4.1
2000	379	8.6	430	10.1	367	8.0	320	6.9	149	3.6
2001	369	8.1	456	9.9	396	8.2	308	6.1	148	3.3
2002	399	8.0	445	9.1	414	7.8	351	6.5	196	4.2
2003	385	7.4	516	10.0	467	8.3	380	6.6	195	3.8
2004	425	8.0	481	8.9	465	8.0	362	6.1	255	4.8
2005	405	7.1	517	8.9	495	8.0	403	6.4	263	4.5
2006	423	7.1	544	9.2	504	7.7	464	7.2	248	4.2
2007	466	7.4	517	7.9	565	8.2	437	6.4	295	4.3
2008	541	8.1	545	8.3	620	8.8	450	6.3	276	3.9
2009	492	7.1	576	8.2	581	7.9	492	6.3	325	4.5
2010	563	7.3	605	7.8	645	8.1	466	5.9	228	3.2
2011	598	7.3	565	7.1	683	8.1	583	6.8	198	2.5
2012	574	6.6	651	7.9	684	7.6	601	6.7	190	2.3
2013	587	6.4	652	7.6	703	7.6	590	6.3	236	2.7
2014	665	6.8	695	7.5	775	7.9	617	6.2	259	2.9
2015	776	7.4	714	7.3	841	8.2	640	6.2	276	2.9
2016	640	5.7	661	6.5	895	8.2	689	6.5	465	4.3
2017	644	5.7	712	6.7	898	8.1	707	6.3	505	4.6

(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 and Rectum 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>BOTH SEXES COMBINED, NON-HISPANIC WHITE</b>										
1994	2,318	12.2	2,851	15.1	2,099	11.2	1,589	8.5	807	4.3
1995	2,261	11.8	2,716	14.2	2,064	10.9	1,614	8.6	793	4.2
1996	2,361	12.3	2,786	14.5	2,134	11.2	1,647	8.7	897	4.7
1997	2,405	12.4	2,891	14.8	2,122	11.0	1,664	8.7	1,005	5.2
1998	2,540	12.9	2,869	14.5	2,204	11.3	1,695	8.7	795	4.0
1999	2,524	12.7	2,801	14.0	2,185	11.1	1,618	8.2	884	4.4
2000	2,460	12.3	2,802	13.9	2,212	11.1	1,597	8.1	870	4.2
2001	2,444	12.1	2,743	13.4	2,117	10.5	1,576	7.9	861	4.2
2002	2,350	11.6	2,599	12.7	2,088	10.3	1,614	8.0	867	4.2
2003	2,402	11.7	2,574	12.5	2,145	10.5	1,607	7.9	829	4.0
2004	2,044	9.9	2,253	10.9	1,973	9.6	1,702	8.4	840	4.0
2005	2,139	10.4	2,310	11.1	1,962	9.6	1,671	8.2	818	3.8
2006	2,105	10.2	2,196	10.7	1,979	9.7	1,628	7.9	849	4.0
2007	2,194	10.5	2,254	10.8	2,058	10.1	1,589	7.7	819	3.8
2008	2,165	10.3	2,286	10.8	2,027	9.7	1,602	7.7	815	3.8
2009	2,089	9.9	2,074	9.8	2,006	9.5	1,554	7.4	813	3.7
2010	2,070	9.7	1,994	9.3	2,011	9.5	1,566	7.4	601	2.6
2011	1,930	9.0	1,935	8.9	1,934	9.2	1,546	7.2	513	2.3
2012	1,879	8.6	1,896	8.6	1,982	9.2	1,480	6.9	502	2.2
2013	1,810	8.2	1,856	8.3	1,923	8.9	1,472	6.9	569	2.4
2014	1,916	8.7	1,899	8.4	1,960	9.0	1,520	7.0	582	2.5
2015	1,806	8.3	1,871	8.3	1,900	8.8	1,591	7.1	618	2.6
2016	1,671	7.5	1,791	7.8	1,907	8.8	1,511	6.9	839	3.6
2017	1,546	6.9	1,679	7.4	1,920	8.9	1,585	7.2	898	3.9

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 and Rectum 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
<b>MALE, ALL RACES</b>										
1994	1,593	14.5	1,842	17.0	1,379	12.4	1,140	10.1	558	5.4
1995	1,546	13.6	1,729	15.6	1,409	12.3	1,145	10.2	531	5.0
1996	1,610	14.0	1,773	15.7	1,377	11.9	1,136	9.8	624	5.8
1997	1,663	14.1	1,846	16.0	1,417	11.8	1,182	9.8	675	6.1
1998	1,796	14.9	1,873	15.8	1,527	12.4	1,244	10.0	526	4.6
1999	1,748	14.0	1,842	15.2	1,548	12.3	1,173	9.3	608	5.2
2000	1,754	13.7	1,863	14.9	1,507	11.7	1,206	9.3	617	5.1
2001	1,783	13.9	1,840	14.5	1,590	12.0	1,180	8.8	589	4.6
2002	1,758	13.2	1,759	13.4	1,589	11.7	1,257	9.2	623	4.8
2003	1,745	12.8	1,811	13.5	1,600	11.5	1,251	8.9	620	4.7
2004	1,554	11.1	1,624	11.8	1,500	10.5	1,360	9.4	674	4.9
2005	1,578	11.0	1,692	12.0	1,565	10.6	1,377	9.3	640	4.5
2006	1,656	11.4	1,682	11.7	1,554	10.4	1,349	8.9	712	4.8
2007	1,720	11.5	1,715	11.5	1,631	10.6	1,335	8.7	748	5.0
2008	1,732	11.2	1,696	11.2	1,700	10.7	1,362	8.6	745	4.8
2009	1,722	10.8	1,653	10.5	1,668	10.3	1,401	8.6	771	4.8
2010	1,731	10.4	1,574	9.8	1,685	10.2	1,397	8.3	561	3.5
2011	1,711	10.0	1,580	9.5	1,691	9.9	1,443	8.3	497	3.0
2012	1,631	9.3	1,621	9.4	1,762	9.9	1,380	7.7	454	2.7
2013	1,575	8.6	1,576	8.8	1,788	9.8	1,449	7.9	495	2.8
2014	1,749	9.3	1,667	9.0	1,867	9.9	1,540	8.2	619	3.4
2015	1,792	9.1	1,638	8.8	1,858	9.7	1,518	7.8	663	3.5
2016	1,561	7.7	1,566	8.1	1,846	9.3	1,527	7.7	944	4.8
2017	1,442	7.0	1,566	8.0	1,975	9.8	1,553	7.8	1,001	5.0

(Table Continues)

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**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 and Rectum 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>MALE, ASIAN/PACIFIC ISLANDER</b>										
1994	115	12.0	137	14.2	110	10.3	102	9.8	53	5.5
1995	137	12.9	143	13.8	142	13.6	90	8.6	58	5.8
1996	119	10.6	150	13.9	128	11.4	94	8.3	53	4.9
1997	144	12.6	155	13.6	163	13.8	102	8.9	78	7.4
1998	143	11.5	163	13.6	150	11.2	110	8.5	44	3.7
1999	152	11.5	166	12.9	162	12.2	98	7.2	55	4.6
2000	159	11.6	175	12.4	176	13.4	101	6.9	71	5.5
2001	176	12.2	179	12.5	189	13.1	122	7.9	59	3.9
2002	184	12.0	170	11.0	213	13.4	147	9.3	83	5.4
2003	202	12.8	180	11.2	176	10.7	130	8.1	70	4.4
2004	160	9.6	164	9.8	170	9.7	157	9.4	90	5.5
2005	149	8.5	196	11.1	197	10.9	139	7.3	76	4.3
2006	192	10.4	215	11.9	206	10.6	162	8.4	110	5.9
2007	196	9.8	205	10.5	209	10.6	161	8.2	110	5.6
2008	192	9.2	193	9.5	231	10.6	158	7.3	109	5.1
2009	215	10.0	190	8.9	242	10.8	189	8.5	103	4.6
2010	218	9.6	196	8.9	213	9.6	181	7.8	93	4.1
2011	227	9.6	218	9.5	272	11.2	168	6.9	77	3.4
2012	237	9.4	205	8.4	269	10.6	163	6.5	72	3.1
2013	243	9.2	200	7.5	266	10.0	233	8.6	68	2.8
2014	261	9.2	215	7.8	291	10.3	219	7.8	100	3.7
2015	259	8.5	221	7.7	276	9.5	207	7.2	104	3.5
2016	260	8.5	214	7.0	302	10.1	210	6.9	128	4.3
2017	219	6.7	202	6.5	309	9.6	192	6.2	126	4.0

(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 and Rectum 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>MALE, NON-HISPANIC BLACK</b>										
1994	73	13.5	109	17.8	80	13.7	87	15.1	53	9.7
1995	87	15.0	83	14.0	90	14.9	83	13.5	60	10.1
1996	90	14.1	93	15.9	68	11.3	75	11.8	60	9.9
1997	74	11.1	105	15.7	90	13.2	91	13.2	49	7.1
1998	94	14.8	114	18.7	98	15.8	96	14.1	47	8.4
1999	85	12.0	101	16.0	89	13.6	105	15.5	61	9.4
2000	86	12.7	99	14.8	81	11.9	96	14.1	37	5.2
2001	102	14.5	91	12.4	87	11.9	91	11.5	58	8.4
2002	83	11.9	96	14.6	101	14.1	93	11.9	42	6.2
2003	94	12.1	105	14.1	107	13.6	102	12.5	56	9.2
2004	99	13.2	117	15.5	105	13.0	128	16.4	46	6.9
2005	89	12.0	96	12.3	127	15.1	114	13.8	58	7.7
2006	100	12.6	104	12.8	120	13.7	106	12.3	56	6.6
2007	90	11.2	110	13.4	117	12.4	95	11.7	56	6.7
2008	115	13.7	121	14.6	110	12.8	119	12.9	52	5.7
2009	115	13.0	101	11.3	115	12.9	120	12.8	64	7.3
2010	115	12.3	85	9.9	114	12.6	116	11.4	45	4.8
2011	128	13.2	107	11.3	104	11.0	109	11.3	38	4.2
2012	97	10.2	111	11.6	103	9.9	115	11.8	37	4.1
2013	104	9.5	110	11.3	120	11.4	109	9.9	44	4.9
2014	97	8.9	100	10.1	126	11.7	118	10.8	48	4.6
2015	116	10.9	83	7.7	128	11.2	110	9.4	46	4.3
2016	92	7.9	81	7.6	91	7.4	126	10.9	80	6.7
2017	75	6.4	77	6.7	106	9.2	112	10.4	75	7.2

(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 and Rectum 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>MALE, HISPANIC</b>										
1994	131	9.3	181	14.3	131	9.5	117	7.6	53	3.8
1995	142	9.6	177	12.3	147	9.1	116	7.6	45	2.8
1996	132	8.9	200	12.3	156	9.7	126	8.1	78	5.3
1997	145	8.7	191	11.6	153	8.0	128	7.3	51	3.3
1998	183	10.8	235	14.3	198	11.0	147	8.2	64	3.9
1999	175	10.2	217	12.3	174	9.2	170	9.1	82	5.1
2000	210	11.2	215	11.7	201	9.8	167	8.4	82	4.4
2001	191	9.6	250	12.6	219	10.2	174	8.0	65	3.4
2002	220	9.8	243	11.0	227	9.9	174	7.2	95	4.8
2003	195	8.6	272	12.4	257	10.3	199	7.8	98	4.1
2004	227	10.1	260	10.6	241	9.2	198	7.6	125	5.6
2005	219	9.0	276	10.6	271	9.6	237	8.5	130	4.8
2006	221	8.7	304	12.1	248	8.6	250	8.8	135	5.0
2007	264	9.7	270	9.3	292	9.7	226	7.1	144	4.7
2008	314	10.6	304	10.1	351	11.3	256	8.1	162	5.1
2009	263	8.9	310	9.8	325	9.8	284	8.5	171	5.3
2010	277	8.2	330	9.7	331	9.3	257	7.2	117	3.9
2011	314	8.8	287	8.3	352	9.1	351	9.0	99	2.8
2012	303	7.9	352	9.6	347	8.3	348	8.8	94	2.6
2013	296	7.1	348	9.1	392	9.3	332	7.8	106	2.6
2014	349	8.0	376	8.8	400	8.8	351	7.9	147	3.4
2015	420	9.0	385	8.7	435	9.4	348	7.5	146	3.4
2016	316	6.3	346	7.7	477	9.4	384	7.8	257	5.4
2017	296	5.6	404	8.3	508	10.0	369	7.1	263	5.4

(Table Continues)

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**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 and Rectum 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>MALE, NON-HISPANIC WHITE</b>										
1994	1,263	15.7	1,408	17.7	1,055	13.1	831	10.3	385	5.2
1995	1,170	14.3	1,319	16.4	1,025	12.5	852	10.6	357	4.7
1996	1,260	15.3	1,326	16.4	1,022	12.5	840	10.2	419	5.5
1997	1,284	15.3	1,387	17.0	1,000	12.0	859	10.2	485	6.2
1998	1,359	16.0	1,352	16.2	1,074	12.6	885	10.4	363	4.5
1999	1,319	15.2	1,349	15.9	1,112	12.9	798	9.2	396	4.9
2000	1,284	14.7	1,370	15.9	1,047	12.0	839	9.6	412	5.0
2001	1,292	14.8	1,310	15.1	1,079	12.2	786	8.9	398	4.7
2002	1,256	14.1	1,241	14.2	1,037	11.7	836	9.4	391	4.5
2003	1,247	13.8	1,246	14.0	1,054	11.7	814	9.0	380	4.3
2004	1,052	11.5	1,082	12.0	971	10.6	872	9.5	397	4.5
2005	1,098	11.9	1,117	12.4	965	10.5	876	9.4	356	3.9
2006	1,120	12.2	1,049	11.7	974	10.6	821	8.8	395	4.3
2007	1,146	12.3	1,112	12.0	1,004	10.8	849	9.0	414	4.5
2008	1,084	11.4	1,072	11.4	994	10.5	814	8.6	393	4.2
2009	1,102	11.4	1,038	11.0	974	10.2	797	8.3	411	4.3
2010	1,091	11.1	952	9.9	1,020	10.5	835	8.6	272	2.8
2011	1,011	10.2	952	9.7	948	9.7	803	8.1	263	2.7
2012	961	9.5	937	9.4	1,022	10.2	746	7.4	223	2.2
2013	898	8.7	900	8.9	987	9.8	766	7.6	252	2.5
2014	1,012	9.7	958	9.2	1,032	10.2	841	8.2	289	2.8
2015	963	9.3	931	9.1	1,005	9.8	842	8.1	320	3.0
2016	864	8.0	904	8.6	956	9.3	794	7.7	409	4.0
2017	827	7.8	858	8.2	1,022	10.1	857	8.2	434	4.1

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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 and Rectum 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
<b>FEMALE, ALL RACES</b>										
1994	1,363	9.2	1,852	12.5	1,397	9.5	1,003	6.8	600	4.0
1995	1,389	9.2	1,804	11.9	1,416	9.5	1,022	6.8	590	3.9
1996	1,445	9.5	1,894	12.3	1,499	9.9	1,086	7.1	654	4.2
1997	1,483	9.5	1,925	12.3	1,517	9.8	1,079	6.9	710	4.4
1998	1,571	9.9	2,010	12.6	1,593	10.1	1,135	7.2	622	3.9
1999	1,618	10.0	1,988	12.2	1,538	9.5	1,185	7.3	702	4.2
2000	1,577	9.5	1,958	11.7	1,622	9.8	1,147	6.9	656	3.8
2001	1,594	9.4	1,932	11.3	1,561	9.2	1,172	6.9	673	3.9
2002	1,538	8.9	1,881	10.8	1,552	9.0	1,186	6.9	703	3.9
2003	1,632	9.3	1,866	10.6	1,593	9.1	1,224	7.0	698	3.8
2004	1,431	8.0	1,695	9.5	1,578	8.9	1,281	7.2	724	3.9
2005	1,523	8.4	1,748	9.5	1,581	8.7	1,252	6.9	771	4.1
2006	1,481	8.1	1,715	9.3	1,650	9.0	1,269	6.9	745	3.9
2007	1,537	8.2	1,712	9.1	1,702	9.1	1,251	6.7	770	3.9
2008	1,602	8.4	1,782	9.2	1,686	8.8	1,293	6.7	755	3.8
2009	1,590	8.2	1,613	8.2	1,655	8.5	1,257	6.4	777	3.8
2010	1,628	8.2	1,659	8.3	1,692	8.4	1,238	6.1	607	2.9
2011	1,567	7.7	1,575	7.6	1,716	8.4	1,262	6.1	503	2.3
2012	1,577	7.5	1,619	7.7	1,677	8.0	1,238	5.9	527	2.4
2013	1,578	7.4	1,565	7.2	1,628	7.6	1,264	5.9	584	2.6
2014	1,593	7.2	1,549	7.0	1,708	7.8	1,282	5.9	564	2.4
2015	1,580	7.1	1,562	6.9	1,720	7.7	1,354	6.0	600	2.5
2016	1,482	6.5	1,496	6.5	1,808	8.0	1,334	5.9	861	3.7
2017	1,402	6.0	1,452	6.2	1,697	7.3	1,372	6.0	997	4.2

(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 and Rectum 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>FEMALE, ASIAN/PACIFIC ISLANDER</b>										
1994	88	7.3	125	10.3	108	8.7	67	5.8	52	4.8
1995	98	7.5	122	9.6	134	10.1	76	6.0	48	4.4
1996	117	8.0	145	10.7	128	9.6	77	5.5	44	3.6
1997	128	8.9	124	8.3	126	8.1	84	5.3	59	4.3
1998	135	8.6	150	9.8	154	9.3	95	5.9	60	4.1
1999	150	9.0	166	10.3	162	9.7	100	5.7	47	2.8
2000	125	6.9	181	10.5	173	9.5	120	6.5	52	3.1
2001	158	8.4	171	9.3	221	11.7	114	6.0	61	3.5
2002	169	8.7	190	9.6	197	9.9	123	6.3	53	2.8
2003	171	8.1	153	7.5	166	7.9	128	6.1	59	2.8
2004	139	6.5	184	8.5	226	10.2	141	6.3	81	3.8
2005	180	7.8	195	8.4	228	9.8	152	6.5	96	4.2
2006	174	7.3	191	8.1	248	10.1	133	5.5	81	3.3
2007	162	6.3	197	7.8	242	9.5	159	6.1	122	4.8
2008	172	6.5	197	7.5	244	9.0	178	6.6	119	4.4
2009	221	7.9	192	7.0	232	8.3	153	5.4	112	4.0
2010	221	7.6	207	7.3	242	8.3	168	5.7	85	3.0
2011	207	6.7	188	6.2	282	9.2	167	5.5	83	2.7
2012	249	7.8	221	7.1	248	7.7	142	4.5	73	2.3
2013	209	6.2	199	5.9	247	7.3	175	5.3	67	2.0
2014	219	6.2	192	5.6	258	7.3	211	5.9	87	2.4
2015	210	5.8	187	5.1	283	7.7	198	5.5	104	2.8
2016	207	5.4	195	5.1	292	7.7	190	5.1	120	3.2
2017	204	5.1	209	5.3	299	7.6	179	4.5	122	3.1

(Table Continues)

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**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 and Rectum 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>FEMALE, NON-HISPANIC BLACK</b>										
1994	108	13.4	104	13.0	97	12.0	78	9.3	57	7.0
1995	90	10.9	118	14.4	100	12.0	79	9.6	49	6.1
1996	90	10.7	102	12.5	104	12.0	105	12.3	53	6.5
1997	93	10.7	123	14.4	101	11.6	89	10.0	68	8.0
1998	97	10.9	119	13.6	120	13.2	103	11.6	52	6.1
1999	100	11.2	165	18.3	105	11.3	94	10.1	66	7.4
2000	96	10.3	118	13.0	112	11.9	107	11.3	70	7.4
2001	93	9.8	111	11.9	115	11.9	130	13.7	56	5.8
2002	86	8.8	121	12.5	110	11.1	105	10.7	62	6.3
2003	98	10.0	128	13.2	118	11.9	118	11.4	72	7.2
2004	90	9.0	115	11.5	113	11.1	141	13.9	55	5.3
2005	105	10.3	110	10.7	125	12.2	132	12.4	69	6.9
2006	103	9.8	127	12.3	132	12.5	107	10.0	78	7.3
2007	102	9.4	112	10.7	125	11.6	135	12.4	72	6.6
2008	107	9.8	115	10.8	126	11.1	126	11.4	71	6.5
2009	127	11.1	105	9.3	127	11.1	131	11.5	89	7.4
2010	106	8.9	113	9.7	136	11.8	123	10.6	54	4.5
2011	123	10.0	111	9.3	100	8.2	115	9.4	49	4.2
2012	115	9.1	118	9.9	117	9.5	105	8.4	56	4.6
2013	139	10.9	97	7.7	117	9.5	112	8.8	47	4.0
2014	127	9.8	83	6.2	130	10.4	110	8.8	47	3.5
2015	135	10.3	93	7.2	114	8.7	100	7.5	39	3.1
2016	103	7.5	81	6.1	127	9.5	112	8.2	51	3.9
2017	104	7.7	94	6.9	91	6.9	117	8.6	71	5.0

(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 and Rectum 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>FEMALE, HISPANIC</b>										
1994	98	5.1	169	9.3	142	7.0	98	4.8	55	3.0
1995	102	5.1	162	8.2	138	6.8	103	5.1	46	2.5
1996	128	6.4	178	9.1	147	7.1	95	4.6	68	3.3
1997	124	6.1	171	8.1	158	7.0	98	4.3	57	2.7
1998	145	6.7	215	9.9	184	8.0	125	5.6	62	2.8
1999	152	6.7	199	8.8	188	7.6	160	6.5	78	3.5
2000	169	6.8	215	9.0	166	6.6	153	5.9	67	2.9
2001	178	7.0	206	8.0	177	6.6	134	4.7	83	3.2
2002	179	6.5	202	7.6	187	6.3	177	6.0	101	3.8
2003	190	6.5	244	8.4	210	6.8	181	5.7	97	3.4
2004	198	6.5	221	7.5	224	7.0	164	5.0	130	4.4
2005	186	5.8	241	7.6	224	6.7	166	4.7	133	4.2
2006	202	6.0	240	7.2	256	7.1	214	6.0	113	3.5
2007	202	5.6	247	6.8	273	7.1	211	5.7	151	4.0
2008	227	6.2	241	6.8	269	6.9	194	4.9	114	2.9
2009	229	5.8	266	7.0	256	6.3	208	4.7	154	3.8
2010	286	6.6	275	6.4	314	7.2	209	4.8	111	2.8
2011	284	6.3	278	6.3	331	7.2	232	5.1	99	2.3
2012	271	5.7	299	6.6	337	7.1	253	5.2	96	2.1
2013	291	5.9	304	6.4	311	6.2	258	5.0	130	2.7
2014	316	5.8	319	6.4	375	7.2	266	4.9	112	2.3
2015	356	6.2	329	6.2	406	7.3	292	5.3	130	2.4
2016	324	5.3	315	5.7	418	7.2	305	5.5	208	3.6
2017	348	5.8	308	5.3	390	6.5	338	5.6	242	4.1

(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 and Rectum 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>FEMALE, NON-HISPANIC WHITE</b>										
1994	1,055	9.6	1,443	13.0	1,044	9.7	758	7.1	422	3.7
1995	1,091	9.9	1,397	12.5	1,039	9.7	762	7.1	436	3.8
1996	1,101	10.0	1,460	13.0	1,112	10.3	807	7.5	478	4.1
1997	1,121	10.2	1,504	13.2	1,122	10.3	805	7.4	520	4.4
1998	1,181	10.6	1,517	13.3	1,130	10.2	810	7.4	432	3.7
1999	1,205	10.7	1,452	12.6	1,073	9.6	820	7.5	488	4.0
2000	1,176	10.3	1,432	12.3	1,165	10.3	758	6.8	458	3.7
2001	1,152	10.1	1,433	12.2	1,038	9.1	790	7.0	463	3.8
2002	1,094	9.6	1,358	11.4	1,051	9.2	778	6.9	476	3.9
2003	1,155	10.0	1,328	11.3	1,091	9.6	793	7.0	449	3.6
2004	992	8.6	1,171	9.9	1,002	8.8	830	7.3	443	3.6
2005	1,041	9.1	1,193	10.1	997	8.8	795	7.0	462	3.6
2006	985	8.6	1,147	9.8	1,005	9.0	807	7.1	454	3.6
2007	1,048	9.1	1,142	9.6	1,054	9.4	740	6.6	405	3.3
2008	1,081	9.5	1,214	10.2	1,033	8.9	788	7.0	422	3.4
2009	987	8.6	1,036	8.7	1,032	9.0	757	6.8	402	3.2
2010	979	8.6	1,042	8.8	991	8.6	731	6.3	329	2.5
2011	919	8.0	983	8.1	986	8.7	743	6.5	250	1.9
2012	918	7.8	959	7.9	960	8.4	734	6.4	279	2.1
2013	912	7.8	956	7.7	936	8.0	706	6.2	317	2.4
2014	904	7.7	941	7.8	928	7.9	679	6.0	293	2.1
2015	843	7.4	940	7.7	895	7.8	749	6.2	298	2.3
2016	807	7.1	887	7.1	951	8.3	717	6.1	430	3.3
2017	719	6.1	821	6.7	898	7.7	728	6.3	464	3.8

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 and Rectum 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	0.01	0.03	4.19	0.00	0.01	0.03	4.00
25	0.04	0.18	0.60	4.25	0.04	0.17	0.53	4.03
35	0.14	0.57	1.32	4.26	0.13	0.49	1.04	4.01
45	0.44	1.20	2.26	4.20	0.37	0.92	1.77	3.93
55	0.80	1.90	3.09	3.93	0.57	1.44	2.59	3.66
65	1.22	2.53	-	3.46	0.92	2.14	-	3.28
Lifetime Risk of Being Diagnosed = 4.19%				Lifetime Risk of Being Diagnosed = 4.00%				
Lifetime Risk of Dying of Cancer = 1.89%				Lifetime Risk of Dying of Cancer = 1.81%				
<b>ASIAN/PACIFIC ISLANDER</b>								
0	0.00	0.00	0.02	4.92	0.00	0.00	0.01	4.33
25	0.03	0.16	0.60	4.99	0.03	0.14	0.49	4.37
35	0.13	0.57	1.39	4.99	0.12	0.46	0.98	4.36
45	0.45	1.28	2.44	4.92	0.35	0.87	1.68	4.27
55	0.85	2.05	3.30	4.60	0.53	1.36	2.44	3.99
65	1.28	2.61	-	3.99	0.86	1.98	-	3.59
Lifetime Risk of Being Diagnosed = 4.92%				Lifetime Risk of Being Diagnosed = 4.33%				
Lifetime Risk of Dying of Cancer = 2.13%				Lifetime Risk of Dying of Cancer = 2.02%				
<b>NON-HISPANIC BLACK</b>								
0	0.00	0.00	0.02	3.71	0.00	0.01	0.02	4.07
25	0.04	0.17	0.63	3.84	0.04	0.19	0.60	4.14
35	0.13	0.60	1.45	3.88	0.15	0.57	1.25	4.14
45	0.48	1.36	2.46	3.88	0.42	1.13	2.18	4.07
55	0.95	2.12	3.12	3.64	0.74	1.85	2.97	3.84
65	1.39	2.58	-	3.20	1.23	2.48	-	3.46
Lifetime Risk of Being Diagnosed = 3.71%				Lifetime Risk of Being Diagnosed = 4.07%				
Lifetime Risk of Dying of Cancer = 2.07%				Lifetime Risk of Dying of Cancer = 2.04%				
<b>HISPANIC</b>								
0	0.00	0.01	0.02	4.39	0.00	0.01	0.03	3.70
25	0.04	0.15	0.52	4.46	0.04	0.15	0.48	3.73
35	0.12	0.49	1.24	4.48	0.12	0.44	0.99	3.71
45	0.38	1.14	2.27	4.43	0.33	0.88	1.69	3.63
55	0.79	1.97	3.14	4.22	0.57	1.39	2.36	3.37
65	1.30	2.57	-	3.76	0.87	1.90	-	2.96
Lifetime Risk of Being Diagnosed = 4.39%				Lifetime Risk of Being Diagnosed = 3.70%				
Lifetime Risk of Dying of Cancer = 2.08%				Lifetime Risk of Dying of Cancer = 1.73%				
<b>NON-HISPANIC WHITE</b>								
0	0.00	0.01	0.03	4.02	0.00	0.01	0.04	3.98
25	0.05	0.20	0.64	4.06	0.05	0.18	0.56	4.00
35	0.16	0.60	1.30	4.06	0.14	0.51	1.04	3.98
45	0.45	1.17	2.14	3.99	0.38	0.91	1.73	3.88
55	0.75	1.77	2.95	3.70	0.55	1.39	2.60	3.61
65	1.13	2.44	-	3.28	0.90	2.19	-	3.26
Lifetime Risk of Being Diagnosed = 4.02%				Lifetime Risk of Being Diagnosed = 3.98%				
Lifetime Risk of Dying of Cancer = 1.78%				Lifetime Risk of Dying of Cancer = 1.78%				

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.