

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, All Cancer Combined

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	107,570	52,770	54,800	450.9	519.6	414.5	47,707	24,746	22,961	205.4	257.4	173.5
1989	108,750	54,122	54,628	446.6	521.3	404.9	48,111	24,767	23,344	203.1	251.8	173.3
1990	114,376	57,953	56,423	460.6	547.3	410.6	48,896	25,317	23,579	202.5	252.8	171.6
1991	119,758	62,613	57,145	473.8	579.3	408.9	49,999	25,684	24,315	203.4	251.4	173.8
1992	124,843	66,564	58,279	484.1	602.0	408.8	49,901	25,660	24,241	199.2	246.3	169.8
1993	122,963	64,515	58,448	469.3	571.4	403.6	50,754	26,025	24,729	199.0	244.7	170.3
1994	121,260	62,447	58,813	456.6	542.4	401.6	51,248	26,103	25,145	198.1	241.5	170.8
1995	121,773	61,564	60,209	451.8	524.7	405.5	51,219	26,366	24,853	194.5	239.0	166.2
1996	124,334	62,214	62,120	454.6	522.1	412.3	50,907	25,932	24,975	189.9	230.9	164.1
1997	127,073	63,703	63,370	454.6	522.5	410.9	51,822	26,574	25,248	189.1	230.6	162.3
1998	130,196	64,883	65,313	455.7	518.9	415.2	51,193	26,289	24,904	182.7	220.8	157.1
1999	133,306	66,591	66,715	455.9	520.5	414.0	52,877	27,063	25,814	184.5	223.3	158.7
2000	134,298	67,150	67,148	449.6	514.2	407.7	53,001	26,755	26,246	181.0	216.7	157.9
2001	137,051	68,949	68,102	449.4	516.0	405.3	53,809	27,254	26,555	180.0	215.3	156.7
2002	138,800	69,680	69,120	445.7	509.3	403.4	53,926	27,459	26,467	176.8	212.1	153.2
2003	137,280	69,158	68,122	431.1	492.6	389.5	54,307	27,495	26,812	174.2	207.2	151.9
2004	140,965	71,759	69,206	434.9	501.2	389.2	53,708	27,370	26,338	169.4	202.3	147.1
2005	142,636	71,369	71,267	431.4	487.4	393.8	54,610	27,857	26,753	168.8	201.5	146.6
2006	144,369	72,851	71,518	430.3	488.8	390.2	54,043	27,438	26,605	164.5	194.8	143.9
2007	150,404	76,472	73,932	438.9	499.8	396.2	54,918	28,111	26,807	163.7	194.6	142.1
2008	152,322	76,035	76,287	433.8	482.6	400.7	54,579	27,814	26,765	158.6	187.1	138.6
2009	154,367	77,336	77,031	429.4	478.2	396.3	55,752	28,580	27,172	158.1	187.5	137.6
2010	155,089	77,686	77,403	420.5	466.3	389.4	56,124	28,776	27,348	154.9	183.0	135.2
2011	155,634	77,772	77,862	411.7	452.9	384.0	56,228	29,014	27,214	151.4	179.8	131.4
2012	156,170	76,175	79,995	403.0	431.4	385.9	57,514	29,553	27,961	150.6	177.0	131.7
2013	158,246	77,512	80,734	397.8	426.4	380.6	57,503	29,766	27,737	146.7	173.4	127.5
2014	161,802	78,399	83,403	396.1	418.2	384.5	58,098	30,078	28,020	144.1	170.1	125.6
2015	166,177	80,607	85,570	397.2	418.3	386.5	59,260	30,772	28,488	142.8	168.2	124.3
2016	166,822	81,396	85,426	390.1	411.4	378.3	59,531	30,826	28,705	140.3	164.7	122.6
2017	169,629	82,927	86,702	388.3	409.0	377.5	59,547	30,740	28,807	136.9	160.0	120.1

(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
ASIAN/PACIFIC ISLANDER												
1988	4,969	2,391	2,578	323.3	360.7	293.9	2,101	1,191	910	150.2	192.9	115.8
1989	5,216	2,561	2,655	316.0	359.9	280.9	2,208	1,239	969	147.2	186.6	115.1
1990	5,668	2,716	2,952	318.5	357.0	288.9	2,323	1,337	986	143.5	186.9	108.3
1991	6,049	2,984	3,065	316.2	362.0	280.2	2,555	1,377	1,178	145.6	178.6	119.0
1992	7,021	3,577	3,444	342.6	408.3	292.2	2,667	1,490	1,177	141.8	179.5	111.5
1993	7,379	3,812	3,567	337.9	407.9	284.9	2,968	1,642	1,326	147.6	186.7	116.4
1994	7,723	3,869	3,854	330.4	388.7	287.6	3,074	1,686	1,388	142.3	176.6	115.4
1995	8,114	4,006	4,108	326.4	377.6	289.8	3,116	1,678	1,438	137.2	170.2	112.0
1996	8,546	4,151	4,395	323.6	368.1	293.0	3,280	1,801	1,479	135.3	171.3	108.0
1997	9,182	4,463	4,719	329.8	378.7	296.1	3,440	1,822	1,618	133.0	161.7	111.2
1998	9,680	4,682	4,998	324.8	368.2	295.1	3,593	1,959	1,634	129.6	162.4	104.8
1999	10,140	4,902	5,238	324.0	370.1	293.1	3,827	2,048	1,779	131.5	163.9	107.5
2000	10,663	5,123	5,540	324.3	368.9	295.0	3,990	2,154	1,836	129.8	163.4	105.0
2001	11,430	5,471	5,959	328.9	372.2	300.8	4,196	2,185	2,011	129.3	158.4	108.3
2002	12,158	5,793	6,365	331.2	374.1	303.7	4,255	2,203	2,052	124.0	150.8	104.7
2003	12,282	5,939	6,343	319.5	366.4	288.8	4,491	2,286	2,205	124.7	149.8	107.0
2004	13,021	6,225	6,796	323.0	364.4	296.3	4,657	2,460	2,197	123.2	153.6	101.5
2005	13,477	6,185	7,292	319.5	347.2	303.5	4,924	2,527	2,397	124.3	151.0	105.4
2006	13,797	6,453	7,344	314.0	347.3	293.8	4,909	2,525	2,384	118.1	144.1	100.0
2007	14,888	6,957	7,931	324.2	356.5	304.2	5,261	2,710	2,551	121.4	148.6	102.3
2008	15,415	6,898	8,517	320.2	336.0	312.6	5,448	2,764	2,684	120.0	144.8	102.4
2009	15,800	7,240	8,560	315.4	338.5	302.4	5,553	2,865	2,688	117.1	142.9	98.7
2010	16,318	7,407	8,911	311.8	331.4	301.9	5,856	2,940	2,916	117.4	139.9	101.9
2011	16,772	7,582	9,190	306.1	321.7	298.6	6,053	3,056	2,997	114.7	137.3	99.0
2012	17,236	7,545	9,691	301.4	305.4	302.4	6,303	3,192	3,111	114.0	136.2	98.3
2013	17,876	7,803	10,073	298.9	300.7	302.2	6,370	3,285	3,085	110.1	133.5	93.5
2014	18,488	8,049	10,439	294.9	293.7	300.0	6,648	3,363	3,285	108.5	128.6	94.1
2015	19,512	8,364	11,148	298.8	292.0	308.3	7,103	3,609	3,494	110.4	131.6	95.3
2016	19,612	8,487	11,125	287.9	282.8	295.6	7,161	3,639	3,522	106.3	126.3	92.0
2017	20,365	8,671	11,694	287.2	276.6	299.4	7,235	3,596	3,639	102.4	119.2	90.4

(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	6,314	3,182	3,132	478.6	587.4	413.8	3,469	1,909	1,560	272.9	368.1	212.1
1989	6,301	3,237	3,064	469.4	592.7	396.5	3,485	1,930	1,555	271.5	372.2	208.2
1990	6,813	3,536	3,277	493.9	617.4	415.7	3,607	1,958	1,649	274.4	367.6	215.9
1991	7,113	3,809	3,304	511.2	676.9	410.5	3,714	2,014	1,700	276.7	367.0	218.5
1992	7,460	4,111	3,349	519.3	691.5	406.7	3,716	2,010	1,706	272.7	361.8	215.2
1993	7,685	4,180	3,505	523.2	686.5	416.7	3,739	2,060	1,679	269.5	366.8	208.2
1994	7,584	4,038	3,546	506.9	646.1	416.1	3,695	1,952	1,743	260.8	341.0	211.7
1995	7,653	4,111	3,542	505.0	645.9	409.6	3,740	1,988	1,752	259.8	345.7	208.5
1996	7,780	4,053	3,727	503.4	629.4	422.2	3,789	2,011	1,778	256.9	339.2	206.9
1997	8,007	4,218	3,789	505.4	629.5	420.0	3,896	2,056	1,840	257.7	338.0	208.9
1998	8,212	4,318	3,894	505.4	633.8	419.8	3,770	1,971	1,799	243.0	311.6	199.8
1999	8,550	4,487	4,063	510.0	635.7	425.9	3,920	2,057	1,863	247.8	322.6	202.4
2000	8,438	4,498	3,940	491.5	616.0	404.0	3,880	1,999	1,881	238.4	304.3	198.9
2001	8,630	4,561	4,069	491.1	607.5	409.0	4,034	2,102	1,932	243.9	316.5	200.3
2002	8,645	4,574	4,071	479.1	595.5	399.8	3,970	2,066	1,904	235.7	302.9	194.5
2003	8,826	4,612	4,214	478.8	579.2	407.2	4,074	2,109	1,965	236.4	298.4	197.1
2004	9,109	4,640	4,469	485.1	573.2	424.5	4,094	2,078	2,016	231.7	287.9	197.5
2005	9,224	4,711	4,513	480.9	566.7	420.4	4,085	2,103	1,982	228.1	288.9	191.0
2006	9,170	4,709	4,461	466.0	547.1	408.0	3,995	2,023	1,972	217.7	268.2	186.6
2007	9,516	4,876	4,640	474.1	554.1	417.6	4,074	2,069	2,005	217.7	268.5	186.8
2008	9,536	4,925	4,611	467.1	545.8	410.3	4,006	2,040	1,966	209.0	259.0	178.8
2009	10,040	5,035	5,005	474.4	536.8	432.2	4,255	2,166	2,089	216.7	266.3	185.5
2010	9,964	5,057	4,907	457.2	516.9	413.7	4,192	2,104	2,088	204.7	244.2	179.7
2011	10,028	4,994	5,034	449.7	499.4	415.4	4,221	2,090	2,131	203.6	243.1	179.6
2012	9,986	4,964	5,022	435.0	481.3	403.0	4,184	2,108	2,076	194.4	232.1	171.0
2013	9,973	5,013	4,960	424.9	472.6	391.7	4,234	2,147	2,087	191.2	230.1	166.5
2014	10,101	4,923	5,178	419.5	452.8	399.9	4,269	2,175	2,094	186.9	226.3	162.7
2015	10,199	4,990	5,209	413.7	447.7	392.4	4,398	2,228	2,170	187.9	223.1	165.6
2016	10,117	5,021	5,096	402.1	437.1	378.7	4,363	2,191	2,172	181.3	214.4	160.7
2017	10,312	5,131	5,181	401.5	438.5	376.9	4,288	2,193	2,095	175.3	213.0	151.8

(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	9,915	4,691	5,224	320.5	361.0	299.0	3,946	1,991	1,955	145.9	173.0	128.0
1989	10,534	4,937	5,597	324.5	360.2	307.1	4,058	2,028	2,030	140.5	164.0	125.0
1990	11,276	5,394	5,882	337.1	390.0	309.2	4,357	2,127	2,230	148.8	176.6	131.9
1991	12,005	5,872	6,133	342.5	407.3	306.2	4,611	2,287	2,324	150.5	181.6	131.5
1992	12,980	6,432	6,548	360.5	435.8	316.7	4,836	2,385	2,451	151.1	181.3	132.9
1993	13,364	6,728	6,636	354.2	430.4	307.8	4,965	2,451	2,514	151.3	180.2	133.4
1994	13,449	6,776	6,673	342.0	418.7	295.4	5,053	2,524	2,529	147.9	181.1	127.6
1995	13,923	6,997	6,926	343.5	419.5	297.2	5,317	2,677	2,640	151.3	184.4	130.3
1996	14,549	7,094	7,455	344.4	405.5	308.4	5,517	2,694	2,823	150.8	180.6	132.9
1997	14,655	7,016	7,639	333.1	385.9	302.4	5,847	2,913	2,934	153.7	184.5	134.5
1998	16,122	7,769	8,353	352.5	410.4	317.2	5,991	3,032	2,959	150.1	183.1	128.7
1999	17,038	8,252	8,786	352.7	411.4	317.0	6,321	3,129	3,192	151.5	180.5	132.8
2000	17,830	8,613	9,217	349.3	416.4	309.9	6,485	3,181	3,304	148.4	177.7	130.4
2001	18,662	9,125	9,537	348.3	409.4	310.0	7,029	3,433	3,596	150.7	178.4	133.3
2002	19,752	9,627	10,125	352.3	414.6	313.9	7,204	3,514	3,690	148.3	173.8	132.3
2003	20,343	9,805	10,538	344.0	399.6	310.2	7,415	3,629	3,786	143.8	167.5	128.6
2004	21,621	10,671	10,950	349.1	416.1	307.1	7,588	3,783	3,805	141.7	169.8	123.4
2005	22,780	11,177	11,603	349.9	411.5	311.3	8,089	4,082	4,007	143.7	174.1	124.0
2006	23,093	11,189	11,904	338.6	392.2	305.7	8,290	4,038	4,252	140.3	163.9	125.3
2007	24,640	12,063	12,577	344.3	401.1	308.5	8,418	4,188	4,230	135.5	160.8	118.8
2008	26,117	12,603	13,514	348.9	400.0	317.8	8,697	4,381	4,316	134.4	160.5	117.0
2009	26,900	13,042	13,858	342.4	392.9	311.0	9,127	4,520	4,607	134.4	158.3	118.8
2010	27,735	13,408	14,327	338.1	384.7	309.4	9,384	4,741	4,643	131.3	156.3	114.3
2011	28,915	13,818	15,097	334.4	373.3	311.3	9,847	5,010	4,837	131.6	157.8	113.9
2012	29,399	13,645	15,754	321.6	346.5	309.5	10,197	5,097	5,100	128.5	149.8	113.8
2013	30,530	14,139	16,391	322.7	346.0	311.8	10,405	5,216	5,189	125.0	146.6	110.3
2014	31,992	14,767	17,225	322.4	342.7	313.9	10,871	5,431	5,440	125.3	146.8	110.8
2015	33,654	15,244	18,410	323.0	335.6	321.3	11,189	5,744	5,445	122.5	147.3	105.5
2016	34,766	15,887	18,879	322.2	335.7	319.4	11,420	5,750	5,670	120.5	141.5	106.2
2017	35,667	16,174	19,493	318.4	327.8	319.1	11,718	5,855	5,863	118.6	137.1	105.8

(Table Continues)

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NON-HISPANIC WHITE												
1988	85,479	42,050	43,429	482.0	554.1	445.4	38,051	19,583	18,468	215.2	268.8	183.5
1989	85,679	42,885	42,794	477.6	557.7	433.6	38,229	19,499	18,730	213.7	263.5	184.4
1990	89,530	45,725	43,805	492.3	584.5	439.9	38,497	19,846	18,651	212.5	264.2	181.3
1991	93,534	49,364	44,170	509.9	622.4	440.7	38,989	19,946	19,043	213.3	262.7	183.8
1992	96,104	51,672	44,432	518.6	642.2	439.7	38,555	19,719	18,836	208.5	256.6	179.2
1993	93,003	48,867	44,136	499.5	602.3	433.5	38,968	19,809	19,159	209.0	254.6	181.1
1994	91,050	46,881	44,169	489.5	573.6	435.7	39,298	19,887	19,411	209.6	253.5	182.7
1995	90,546	45,578	44,968	485.3	553.4	442.8	38,915	19,960	18,955	205.6	250.7	177.3
1996	91,843	46,011	45,832	490.4	555.3	450.4	38,177	19,347	18,830	199.8	240.5	174.4
1997	93,727	47,117	46,610	494.3	560.2	452.2	38,468	19,691	18,777	198.8	240.9	172.1
1998	94,725	47,311	47,414	494.6	554.3	456.8	37,671	19,241	18,430	192.6	230.4	167.3
1999	96,167	48,123	48,044	496.7	557.2	458.0	38,627	19,728	18,899	194.6	233.6	168.6
2000	96,021	48,144	47,877	491.9	552.8	452.3	38,424	19,309	19,115	191.5	226.6	168.9
2001	96,735	48,885	47,850	492.3	556.0	450.5	38,342	19,424	18,918	189.6	225.0	166.1
2002	96,694	48,769	47,925	488.0	547.7	448.3	38,281	19,564	18,717	187.7	223.8	163.3
2003	94,241	47,898	46,343	471.4	530.8	430.7	38,072	19,340	18,732	184.6	218.4	161.9
2004	95,450	49,187	46,263	476.4	541.7	430.3	37,091	18,910	18,181	179.4	211.9	157.1
2005	95,361	48,259	47,102	473.6	526.7	437.8	37,208	18,962	18,246	178.6	210.4	156.7
2006	96,257	49,297	46,960	478.0	535.6	437.6	36,581	18,711	17,870	175.3	206.1	153.9
2007	98,971	51,129	47,842	487.5	547.7	444.3	36,873	18,996	17,877	174.9	206.4	152.5
2008	98,734	50,120	48,614	481.5	528.2	449.3	36,153	18,482	17,671	168.9	197.0	148.8
2009	98,971	50,362	48,609	477.2	522.8	446.2	36,509	18,880	17,629	168.9	198.6	147.6
2010	97,952	49,820	48,132	467.2	508.9	438.4	36,389	18,832	17,557	165.7	194.5	145.0
2011	96,920	49,491	47,429	458.0	497.0	431.3	35,703	18,645	17,058	160.7	189.6	139.7
2012	96,260	48,024	48,236	449.7	475.6	434.7	36,495	18,982	17,513	161.5	188.9	141.4
2013	96,362	48,423	47,939	443.7	471.1	427.4	36,103	18,911	17,192	157.9	185.5	137.5
2014	97,506	48,412	49,094	442.6	462.3	433.3	35,847	18,876	16,971	154.3	181.5	134.5
2015	98,447	49,364	49,083	443.7	465.5	432.1	36,069	18,911	17,158	152.6	178.2	133.5
2016	97,444	48,996	48,448	433.7	455.3	421.5	36,067	18,964	17,103	151.4	176.9	132.4
2017	97,075	49,109	47,966	429.7	450.8	418.3	35,725	18,783	16,942	147.9	172.1	129.7

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: Excludes in situ cancers, except bladder.

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 or deaths are not shown.

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, All Cancer Combined

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	2,674	1,397	1,277	21.4	21.9	21.0	252	142	110	2.0	2.2	1.8
05 - 09	1,644	887	757	12.9	13.7	12.2	284	150	134	2.2	2.3	2.2
10 - 14	1,959	1,071	888	15.5	16.6	14.3	300	173	127	2.4	2.7	2.1
15 - 19	3,033	1,659	1,374	23.3	24.9	21.6	422	265	157	3.2	4.0	2.5
20 - 24	5,024	2,654	2,370	35.1	35.9	34.3	650	418	232	4.5	5.7	3.4
25 - 29	8,031	3,673	4,358	53.7	47.5	60.2	936	526	410	6.3	6.8	5.7
30 - 34	12,310	4,617	7,693	86.9	63.8	111.1	1,423	660	763	10.1	9.1	11.0
35 - 39	16,712	5,588	11,124	127.8	84.7	171.8	2,398	1,003	1,395	18.3	15.2	21.5
40 - 44	25,480	7,896	17,584	198.9	123.4	274.2	4,048	1,635	2,413	31.6	25.6	37.6
45 - 49	39,962	13,893	26,069	308.4	214.4	402.5	7,340	3,266	4,074	56.7	50.4	62.9
50 - 54	63,425	26,791	36,634	485.5	413.7	556.2	13,700	6,552	7,148	104.9	101.2	108.5
55 - 59	88,206	42,902	45,304	711.7	707.8	715.5	22,853	11,820	11,033	184.4	195.0	174.2
60 - 64	107,280	55,552	51,728	1,013.0	1,095.9	936.9	31,124	16,737	14,387	293.9	330.2	260.6
65 - 69	121,895	65,702	56,193	1,416.2	1,623.0	1,232.5	37,300	20,259	17,041	433.4	500.5	373.8
70 - 74	103,912	55,487	48,425	1,696.0	1,976.4	1,458.9	38,119	20,732	17,387	622.2	738.5	523.8
75 - 79	84,633	44,564	40,069	1,945.4	2,307.2	1,656.5	38,514	20,421	18,093	885.3	1,057.3	748.0
80 - 84	66,025	33,792	32,233	2,097.9	2,538.8	1,774.7	37,498	19,799	17,699	1,191.5	1,487.5	974.5
85 +	70,471	32,716	37,755	2,005.2	2,565.1	1,686.3	56,778	27,624	29,154	1,615.6	2,165.9	1,302.1
Total/Crude	822,676	400,841	421,835	422.1	414.0	430.1	293,939	152,182	141,757	150.8	157.2	144.5
ASIAN/PACIFIC ISLANDER												
00 - 04	336	172	164	21.6	21.4	21.8	30	13	17	1.9	1.6	2.3
05 - 09	177	92	85	11.1	11.3	11.0	40	20	20	2.5	2.5	2.6
10 - 14	221	137	84	13.6	16.6	10.6	38	19	19	2.4	2.3	2.4
15 - 19	345	179	166	20.6	20.8	20.3	57	36	21	3.4	4.2	2.6
20 - 24	540	280	260	27.6	28.1	27.1	89	57	32	4.6	5.7	3.3
25 - 29	962	377	585	40.2	31.7	48.6	105	58	47	4.4	4.9	3.9
30 - 34	1,677	539	1,138	70.9	47.8	91.9	222	95	127	9.4	8.4	10.3
35 - 39	2,546	659	1,887	114.3	63.4	158.9	403	158	245	18.1	15.2	20.6
40 - 44	4,146	998	3,148	182.9	95.2	258.2	691	281	410	30.5	26.8	33.6
45 - 49	6,080	1,635	4,445	286.8	166.6	390.5	1,226	507	719	57.8	51.7	63.2
50 - 54	8,306	2,717	5,589	408.3	289.2	510.5	1,865	869	996	91.7	92.5	91.0
55 - 59	10,286	4,076	6,210	535.9	467.7	592.6	2,900	1,445	1,455	151.1	165.8	138.9
60 - 64	12,337	5,550	6,787	729.7	733.7	726.4	3,687	1,883	1,804	218.1	248.9	193.1
65 - 69	13,355	6,726	6,629	983.8	1,114.8	879.0	4,180	2,261	1,919	307.9	374.8	254.4
70 - 74	10,740	5,501	5,239	1,149.6	1,327.7	1,007.7	3,976	2,185	1,791	425.6	527.4	344.5
75 - 79	9,220	4,781	4,439	1,322.5	1,581.1	1,124.4	4,391	2,329	2,062	629.8	770.2	522.3
80 - 84	7,180	3,562	3,618	1,445.0	1,747.2	1,234.7	4,407	2,300	2,107	886.9	1,128.2	719.1
85 +	7,399	3,393	4,006	1,445.2	1,786.2	1,244.0	6,210	2,976	3,234	1,212.9	1,566.7	1,004.3
Total/Crude	95,853	41,374	54,479	325.9	296.2	352.7	34,517	17,492	17,025	117.4	125.2	110.2

(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, All Cancer Combined (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	131	67	64	16.9	16.9	16.8	12	7	5	1.6	1.8	1.3
05 - 09	74	40	34	9.5	10.1	8.9	13	7	6	1.7	1.8	1.6
10 - 14	84	50	34	10.6	12.4	8.8	18	11	7	2.3	2.7	1.8
15 - 19	164	85	79	18.8	18.9	18.6	24	12	12	2.7	2.7	2.8
20 - 24	232	106	126	23.0	20.0	26.2	51	29	22	5.1	5.5	4.6
25 - 29	387	177	210	39.0	34.5	43.8	69	35	34	7.0	6.8	7.1
30 - 34	607	222	385	71.7	51.1	93.6	144	58	86	17.0	13.3	20.9
35 - 39	870	273	597	113.3	70.7	156.5	182	65	117	23.7	16.8	30.7
40 - 44	1,354	444	910	181.2	118.8	243.5	338	113	225	45.2	30.2	60.2
45 - 49	2,706	1,087	1,619	332.4	268.0	396.4	657	266	391	80.7	65.6	95.7
50 - 54	4,753	2,283	2,470	547.3	533.0	561.2	1,334	582	752	153.6	135.9	170.8
55 - 59	6,949	3,724	3,225	853.2	938.8	771.9	2,260	1,117	1,143	277.5	281.6	273.6
60 - 64	8,005	4,462	3,543	1,245.6	1,473.6	1,042.5	3,060	1,649	1,411	476.1	544.6	415.2
65 - 69	7,915	4,289	3,626	1,640.8	1,975.2	1,367.1	3,177	1,708	1,469	658.6	786.6	553.8
70 - 74	5,848	2,953	2,895	1,762.8	2,058.7	1,537.3	2,776	1,506	1,270	836.8	1,049.9	674.4
75 - 79	4,672	2,251	2,421	1,917.3	2,183.4	1,722.1	2,709	1,415	1,294	1,111.7	1,372.5	920.5
80 - 84	3,153	1,433	1,720	1,963.7	2,247.5	1,776.8	2,122	1,083	1,039	1,321.6	1,698.6	1,073.3
85 +	2,798	1,132	1,666	1,804.7	2,253.5	1,589.6	2,606	1,271	1,335	1,680.9	2,530.2	1,273.8
Total/Crude	50,702	25,078	25,624	419.1	418.3	419.8	21,552	10,934	10,618	178.1	182.4	174.0
HISPANIC												
00 - 04	1,331	698	633	20.5	21.1	19.9	135	72	63	2.1	2.2	2.0
05 - 09	840	458	382	12.5	13.3	11.6	147	79	68	2.2	2.3	2.1
10 - 14	983	538	445	15.1	16.3	13.9	161	94	67	2.5	2.8	2.1
15 - 19	1,472	826	646	22.6	25.0	20.2	224	140	84	3.4	4.2	2.6
20 - 24	2,209	1,223	986	32.9	35.5	30.2	355	238	117	5.3	6.9	3.6
25 - 29	3,091	1,416	1,675	49.4	43.3	56.0	449	260	189	7.2	8.0	6.3
30 - 34	4,352	1,610	2,742	74.4	53.1	97.4	613	287	326	10.5	9.5	11.6
35 - 39	6,059	1,963	4,096	110.5	70.2	152.4	1,003	410	593	18.3	14.7	22.1
40 - 44	8,694	2,561	6,133	167.3	98.1	237.3	1,605	638	967	30.9	24.4	37.4
45 - 49	11,920	3,921	7,999	248.8	161.3	338.9	2,472	1,082	1,390	51.6	44.5	58.9
50 - 54	16,344	6,513	9,831	394.7	314.2	475.3	3,851	1,870	1,981	93.0	90.2	95.8
55 - 59	19,422	9,062	10,360	576.8	550.7	601.8	5,448	2,821	2,627	161.8	171.4	152.6
60 - 64	20,707	10,102	10,605	824.4	847.6	803.4	6,377	3,248	3,129	253.9	272.5	237.1
65 - 69	20,781	10,798	9,983	1,168.0	1,317.8	1,040.2	6,482	3,326	3,156	364.3	405.9	328.8
70 - 74	16,378	8,499	7,879	1,367.8	1,621.6	1,170.3	6,406	3,383	3,023	535.0	645.5	449.0
75 - 79	13,099	6,829	6,270	1,569.2	1,945.6	1,296.2	6,240	3,298	2,942	747.6	939.6	608.2
80 - 84	9,771	4,900	4,871	1,682.1	2,092.4	1,404.9	5,889	3,050	2,839	1,013.8	1,302.4	818.8
85 +	9,156	4,294	4,862	1,592.8	2,033.4	1,336.9	7,746	3,700	4,046	1,347.5	1,752.1	1,112.5
Total/Crude	166,609	76,211	90,398	220.6	200.5	240.9	55,603	27,996	27,607	73.6	73.7	73.6

(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, All Cancer Combined (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	823	432	391	22.9	23.5	22.4	74	50	24	2.1	2.7	1.4
05 - 09	525	282	243	14.9	15.6	14.1	84	44	40	2.4	2.4	2.3
10 - 14	632	327	305	17.3	17.5	17.2	80	48	32	2.2	2.6	1.8
15 - 19	989	540	449	25.4	26.9	23.7	113	73	40	2.9	3.6	2.1
20 - 24	1,880	960	920	41.3	40.2	42.4	154	94	60	3.4	3.9	2.8
25 - 29	3,315	1,589	1,726	63.3	58.5	68.5	301	168	133	5.8	6.2	5.3
30 - 34	5,252	2,094	3,158	104.3	80.1	130.3	429	214	215	8.5	8.2	8.9
35 - 39	6,726	2,491	4,235	148.4	106.2	193.6	793	363	430	17.5	15.5	19.7
40 - 44	10,530	3,581	6,949	232.1	153.5	315.5	1,378	586	792	30.4	25.1	36.0
45 - 49	18,183	6,793	11,390	352.3	258.7	449.3	2,902	1,379	1,523	56.2	52.5	60.1
50 - 54	32,083	14,225	17,858	540.2	474.5	607.1	6,502	3,163	3,339	109.5	105.5	113.5
55 - 59	48,832	24,418	24,414	785.8	785.0	786.7	11,977	6,270	5,707	192.7	201.6	183.9
60 - 64	62,891	33,248	29,643	1,107.2	1,192.5	1,024.9	17,636	9,767	7,869	310.5	350.3	272.1
65 - 69	76,130	41,301	34,829	1,542.0	1,732.2	1,364.4	23,115	12,763	10,352	468.2	535.3	405.5
70 - 74	67,887	36,366	31,521	1,870.5	2,126.8	1,642.2	24,616	13,460	11,156	678.2	787.2	581.2
75 - 79	55,567	29,279	26,288	2,176.6	2,513.2	1,894.1	24,866	13,218	11,648	974.0	1,134.6	839.3
80 - 84	44,562	23,035	21,527	2,351.0	2,797.8	2,007.8	24,834	13,233	11,601	1,310.2	1,607.3	1,082.0
85 +	50,027	23,343	26,684	2,214.4	2,849.5	1,853.1	39,957	19,552	20,405	1,768.6	2,386.7	1,417.0
Total/Crude	486,834	244,304	242,530	633.7	637.1	630.2	179,811	94,445	85,366	234.0	246.3	221.8

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.

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, All Cancer Combined

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.18	0.39	0.79	45.56	0.17	0.35	0.83	44.78
25	0.55	1.59	4.61	46.04	0.86	3.06	7.59	44.96
35	1.06	4.13	12.10	46.24	2.22	6.82	14.42	44.66
45	3.16	11.34	25.01	46.38	4.73	12.56	23.97	43.69
55	8.73	23.31	37.47	46.12	8.35	20.52	32.85	41.55
65	17.14	33.78	-	43.94	13.75	27.68	-	37.51
	Lifetime Risk of Being Diagnosed = 45.56%				Lifetime Risk of Being Diagnosed = 44.78%			
	Lifetime Risk of Dying of Cancer = 22.02%				Lifetime Risk of Dying of Cancer = 19.17%			
ASIAN/PACIFIC ISLANDER								
0	0.17	0.35	0.65	39.57	0.17	0.33	0.72	40.27
25	0.40	1.20	3.42	39.83	0.72	2.78	7.03	40.38
35	0.81	3.05	8.66	39.82	2.08	6.37	12.58	40.03
45	2.28	7.98	18.16	39.65	4.40	10.76	19.32	38.88
55	5.93	16.53	28.10	38.90	6.70	15.71	25.42	36.31
65	11.69	24.45	-	36.36	9.81	20.38	-	32.24
	Lifetime Risk of Being Diagnosed = 39.57%				Lifetime Risk of Being Diagnosed = 40.27%			
	Lifetime Risk of Dying of Cancer = 22.33%				Lifetime Risk of Dying of Cancer = 18.56%			
NON-HISPANIC BLACK								
0	0.13	0.28	0.55	38.98	0.13	0.26	0.62	39.69
25	0.42	1.38	5.06	40.10	0.70	2.67	7.09	40.22
35	0.99	4.76	14.53	40.69	2.00	6.49	14.30	40.12
45	3.94	14.11	27.15	41.36	4.66	12.76	23.74	39.55
55	11.22	25.60	35.69	41.27	8.80	20.72	31.25	37.89
65	18.46	31.42	-	38.57	14.07	26.48	-	34.32
	Lifetime Risk of Being Diagnosed = 38.98%				Lifetime Risk of Being Diagnosed = 39.69%			
	Lifetime Risk of Dying of Cancer = 21.86%				Lifetime Risk of Dying of Cancer = 19.63%			
HISPANIC								
0	0.17	0.38	0.76	40.14	0.16	0.33	0.77	38.95
25	0.48	1.31	3.63	40.50	0.77	2.68	6.56	39.06
35	0.85	3.20	9.50	40.63	1.93	5.85	12.39	38.72
45	2.41	8.85	20.35	40.70	4.02	10.72	20.24	37.72
55	6.81	18.95	31.30	40.43	7.07	17.11	27.08	35.56
65	13.90	28.05	-	38.51	11.16	22.23	-	31.65
	Lifetime Risk of Being Diagnosed = 40.14%				Lifetime Risk of Being Diagnosed = 38.95%			
	Lifetime Risk of Dying of Cancer = 20.89%				Lifetime Risk of Dying of Cancer = 17.95%			
NON-HISPANIC WHITE								
0	0.20	0.42	0.91	48.01	0.18	0.39	0.96	48.22
25	0.68	1.97	5.46	48.37	1.00	3.49	8.48	48.31
35	1.32	4.87	13.51	48.57	2.53	7.59	15.88	48.01
45	3.66	12.57	27.03	48.71	5.23	13.81	26.45	47.05
55	9.58	25.14	40.23	48.47	9.23	22.81	36.56	44.96
65	18.53	36.50	-	46.31	15.54	31.26	-	40.86
	Lifetime Risk of Being Diagnosed = 48.01%				Lifetime Risk of Being Diagnosed = 48.22%			
	Lifetime Risk of Dying of Cancer = 22.33%				Lifetime Risk of Dying of Cancer = 19.74%			

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.

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