

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2015, 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	107,553	52,757	54,796	450.8	519.5	414.5	47,707	24,746	22,961	205.4	257.4	173.5
1989	108,723	54,108	54,615	446.5	521.1	404.7	48,111	24,767	23,344	203.1	251.8	173.3
1990	114,350	57,934	56,416	460.4	547.2	410.5	48,896	25,317	23,579	202.5	252.8	171.6
1991	119,739	62,602	57,137	473.7	579.2	408.8	49,999	25,684	24,315	203.4	251.4	173.8
1992	124,810	66,547	58,263	484.0	601.9	408.7	49,901	25,660	24,241	199.2	246.3	169.8
1993	122,939	64,510	58,429	469.2	571.4	403.4	50,754	26,025	24,729	199.0	244.7	170.3
1994	121,239	62,433	58,806	456.6	542.3	401.5	51,248	26,103	25,145	198.1	241.5	170.8
1995	121,728	61,548	60,180	451.7	524.5	405.3	51,219	26,366	24,853	194.5	239.0	166.2
1996	124,305	62,191	62,114	454.5	521.9	412.3	50,907	25,932	24,975	189.9	230.9	164.1
1997	127,031	63,683	63,348	454.5	522.3	410.8	51,822	26,574	25,248	189.1	230.6	162.3
1998	130,121	64,842	65,279	455.5	518.5	414.9	51,193	26,289	24,904	182.7	220.8	157.1
1999	133,242	66,557	66,685	455.7	520.2	413.8	52,877	27,063	25,814	184.5	223.3	158.7
2000	134,210	67,100	67,110	449.4	513.9	407.5	53,001	26,755	26,246	181.0	216.7	157.9
2001	136,966	68,903	68,063	449.2	515.7	405.1	53,809	27,254	26,555	180.0	215.3	156.7
2002	138,700	69,627	69,073	445.4	508.9	403.2	53,926	27,459	26,467	176.8	212.1	153.2
2003	137,166	69,103	68,063	430.8	492.3	389.1	54,307	27,495	26,812	174.2	207.2	151.9
2004	140,839	71,684	69,155	434.5	500.7	389.0	53,708	27,370	26,338	169.4	202.3	147.1
2005	142,482	71,288	71,194	430.9	486.8	393.4	54,610	27,857	26,753	168.8	201.5	146.6
2006	144,164	72,740	71,424	429.7	488.1	389.7	54,043	27,438	26,605	164.5	194.8	143.9
2007	150,096	76,307	73,789	438.0	498.8	395.4	54,918	28,111	26,807	163.7	194.6	142.1
2008	152,043	75,878	76,165	433.0	481.7	400.0	54,579	27,814	26,765	158.6	187.1	138.6
2009	153,975	77,109	76,866	428.3	476.8	395.4	55,752	28,580	27,172	158.1	187.5	137.6
2010	154,611	77,428	77,183	419.1	464.5	388.1	56,124	28,776	27,348	154.9	182.9	135.1
2011	155,029	77,431	77,598	409.5	450.1	382.2	56,228	29,014	27,214	151.2	179.5	131.2
2012	155,351	75,705	79,646	400.2	428.1	383.6	57,514	29,553	27,961	150.3	176.8	131.5
2013	157,256	76,915	80,341	394.1	421.8	377.6	57,503	29,766	27,737	146.3	172.9	127.1
2014	160,155	77,447	82,708	390.7	411.7	379.9	58,098	30,078	28,020	143.7	169.6	125.2
2015	161,392	77,889	83,503	384.0	402.1	375.3	59,260	30,772	28,488	142.1	167.5	123.8
ASIAN/PACIFIC ISLANDER												
1988	4,961	2,390	2,571	322.8	360.3	293.3	2,101	1,191	910	150.2	192.9	115.8
1989	5,206	2,559	2,647	315.5	359.7	280.3	2,208	1,239	969	147.2	186.6	115.1
1990	5,656	2,712	2,944	317.9	356.5	288.1	2,323	1,337	986	143.5	186.9	108.3
1991	6,035	2,979	3,056	315.6	361.6	279.4	2,555	1,377	1,178	145.6	178.6	119.0
1992	7,002	3,568	3,434	341.8	407.3	291.4	2,667	1,490	1,177	141.8	179.5	111.5
1993	7,360	3,802	3,558	337.0	406.5	284.3	2,968	1,642	1,326	147.6	186.7	116.4
1994	7,700	3,851	3,849	329.5	386.9	287.3	3,074	1,686	1,388	142.3	176.6	115.4
1995	8,094	3,993	4,101	325.5	376.3	289.4	3,116	1,678	1,438	137.2	170.2	112.0
1996	8,514	4,133	4,381	322.4	366.4	292.1	3,280	1,801	1,479	135.3	171.3	108.0
1997	9,144	4,437	4,707	328.3	376.0	295.3	3,440	1,822	1,618	133.0	161.7	111.2
1998	9,631	4,648	4,983	323.1	365.3	294.3	3,593	1,959	1,634	129.6	162.4	104.8
1999	10,097	4,869	5,228	322.5	367.4	292.6	3,827	2,048	1,779	131.5	163.9	107.5
2000	10,619	5,096	5,523	322.9	366.5	294.1	3,990	2,154	1,836	129.8	163.4	105.0
2001	11,380	5,439	5,941	327.5	369.9	299.9	4,196	2,185	2,011	129.3	158.4	108.3
2002	12,095	5,754	6,341	329.4	371.3	302.5	4,255	2,203	2,052	124.0	150.8	104.7
2003	12,214	5,904	6,310	317.7	364.1	287.3	4,491	2,286	2,205	124.7	149.8	107.0
2004	12,976	6,197	6,779	321.9	362.6	295.6	4,657	2,460	2,197	123.2	153.6	101.5
2005	13,421	6,144	7,277	318.0	344.7	302.8	4,924	2,527	2,397	124.3	151.0	105.4
2006	13,717	6,407	7,310	312.2	344.6	292.5	4,909	2,525	2,384	118.1	144.1	100.0
2007	14,815	6,918	7,897	322.6	354.4	302.9	5,261	2,710	2,551	121.4	148.6	102.3
2008	15,343	6,855	8,488	318.7	333.8	311.6	5,448	2,764	2,684	120.0	144.8	102.4
2009	15,709	7,196	8,513	313.6	336.4	300.8	5,553	2,865	2,688	117.1	142.9	98.7
2010	16,244	7,359	8,885	310.3	329.2	300.9	5,856	2,940	2,916	117.3	139.8	101.8
2011	16,636	7,504	9,132	303.2	318.0	296.2	6,053	3,056	2,997	114.5	137.1	98.8
2012	17,065	7,465	9,600	297.5	301.4	298.7	6,303	3,192	3,111	113.7	135.9	98.0
2013	17,688	7,697	9,991	294.2	295.0	298.0	6,370	3,285	3,085	109.5	132.9	92.9
2014	18,205	7,903	10,302	288.3	286.2	293.8	6,648	3,363	3,285	107.7	127.7	93.4
2015	18,890	8,067	10,823	286.6	278.9	296.4	7,103	3,609	3,494	109.3	130.2	94.4

(Table Continues)

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

Source: California Cancer Registry (January 2018) and CDPH Center for Health Statistics Death Master Files.

Note: Excludes in situ cancers, except bladder. Rates based on fewer than 15 cases or deaths are not shown.

Excludes cases reported by the Department of Veterans Affairs.

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

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2015, All Cancer Combined (continued)

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	6,312	3,181	3,131	478.4	587.2	413.7	3,469	1,909	1,560	272.9	368.1	212.1
1989	6,299	3,237	3,062	469.2	592.7	396.2	3,485	1,930	1,555	271.5	372.2	208.2
1990	6,808	3,533	3,275	493.6	617.0	415.4	3,607	1,958	1,649	274.4	367.6	215.9
1991	7,109	3,805	3,304	511.0	676.3	410.5	3,714	2,014	1,700	276.7	367.0	218.5
1992	7,454	4,107	3,347	518.9	691.1	406.4	3,716	2,010	1,706	272.7	361.8	215.2
1993	7,678	4,177	3,501	522.8	686.1	416.3	3,739	2,060	1,679	269.5	366.8	208.2
1994	7,576	4,033	3,543	506.4	645.3	415.8	3,695	1,952	1,743	260.8	341.0	211.7
1995	7,640	4,106	3,534	504.3	645.3	408.7	3,740	1,988	1,752	259.8	345.7	208.5
1996	7,769	4,048	3,721	502.8	628.8	421.6	3,789	2,011	1,778	256.9	339.2	206.9
1997	7,998	4,215	3,783	504.9	629.2	419.3	3,896	2,056	1,840	257.7	338.0	208.9
1998	8,191	4,309	3,882	504.1	632.4	418.6	3,770	1,971	1,799	243.0	311.6	199.8
1999	8,530	4,474	4,056	508.8	634.0	425.3	3,920	2,057	1,863	247.8	322.6	202.4
2000	8,418	4,484	3,934	490.4	614.7	403.4	3,880	1,999	1,881	238.4	304.3	198.9
2001	8,604	4,548	4,056	489.7	606.0	407.8	4,034	2,102	1,932	243.9	316.5	200.3
2002	8,628	4,564	4,064	478.3	594.4	399.2	3,970	2,066	1,904	235.7	302.9	194.5
2003	8,795	4,597	4,198	477.2	577.4	405.8	4,074	2,109	1,965	236.4	298.4	197.1
2004	9,093	4,624	4,469	484.3	571.4	424.4	4,094	2,078	2,016	231.7	287.9	197.5
2005	9,196	4,701	4,495	479.5	565.4	418.8	4,085	2,103	1,982	228.1	288.9	191.0
2006	9,144	4,687	4,457	464.8	544.7	407.6	3,995	2,023	1,972	217.7	268.2	186.6
2007	9,483	4,854	4,629	472.6	551.7	416.7	4,074	2,069	2,005	217.7	268.5	186.8
2008	9,494	4,892	4,602	465.1	542.3	409.5	4,006	2,040	1,966	209.0	259.0	178.8
2009	9,986	4,987	4,999	471.8	531.4	431.6	4,255	2,166	2,089	216.7	266.3	185.5
2010	9,907	5,017	4,890	454.4	512.6	412.2	4,192	2,104	2,088	204.6	244.0	179.6
2011	9,948	4,942	5,006	445.6	493.3	412.7	4,221	2,090	2,131	203.3	242.8	179.4
2012	9,878	4,894	4,984	429.6	473.7	399.4	4,184	2,108	2,076	194.1	231.7	170.8
2013	9,885	4,954	4,931	419.6	465.2	388.0	4,234	2,147	2,087	190.5	229.0	165.9
2014	9,931	4,811	5,120	410.8	440.4	393.8	4,269	2,175	2,094	186.2	225.3	162.1
2015	9,858	4,793	5,065	396.9	426.7	378.7	4,398	2,228	2,170	186.6	221.3	164.6
HISPANIC												
1988	9,948	4,702	5,246	321.7	361.6	300.6	3,946	1,991	1,955	145.9	173.0	128.0
1989	10,576	4,953	5,623	326.2	361.9	308.8	4,058	2,028	2,030	140.5	164.0	125.0
1990	11,337	5,419	5,918	339.5	392.4	311.6	4,357	2,127	2,230	148.8	176.6	131.9
1991	12,052	5,881	6,171	344.2	408.0	308.5	4,611	2,287	2,324	150.5	181.6	131.5
1992	13,039	6,456	6,583	362.4	438.1	318.4	4,836	2,385	2,451	151.1	181.3	132.9
1993	13,424	6,762	6,662	356.2	433.3	309.2	4,965	2,451	2,514	151.3	180.2	133.4
1994	13,519	6,773	6,746	344.2	419.2	299.1	5,053	2,524	2,529	147.9	181.1	127.6
1995	14,003	6,978	7,025	346.0	418.8	302.1	5,317	2,677	2,640	151.3	184.4	130.3
1996	14,628	7,081	7,547	346.8	405.2	312.8	5,517	2,694	2,823	150.8	180.6	132.9
1997	14,761	7,031	7,730	336.0	387.1	306.7	5,847	2,913	2,934	153.7	184.5	134.5
1998	16,206	7,762	8,444	354.7	410.3	321.3	5,991	3,032	2,959	150.1	183.1	128.7
1999	17,108	8,244	8,864	354.4	411.5	320.1	6,321	3,129	3,192	151.5	180.5	132.8
2000	17,903	8,614	9,289	350.9	416.7	312.6	6,485	3,181	3,304	148.4	177.7	130.4
2001	18,742	9,125	9,617	350.2	410.0	312.9	7,029	3,433	3,596	150.7	178.4	133.3
2002	19,874	9,648	10,226	354.9	416.0	317.5	7,204	3,514	3,690	148.3	173.8	132.3
2003	20,404	9,811	10,593	345.2	399.8	312.2	7,415	3,629	3,786	143.8	167.5	128.6
2004	21,640	10,671	10,969	349.8	416.5	308.0	7,588	3,783	3,805	141.7	169.8	123.4
2005	22,759	11,157	11,602	349.8	410.7	311.5	8,089	4,082	4,007	143.7	174.1	124.0
2006	23,141	11,200	11,941	339.6	393.1	306.7	8,290	4,038	4,252	140.3	163.9	125.3
2007	24,617	12,027	12,590	344.2	399.8	309.2	8,418	4,188	4,230	135.5	160.8	118.8
2008	26,064	12,590	13,474	348.5	400.0	317.0	8,697	4,381	4,316	134.4	160.5	117.0
2009	26,844	12,994	13,850	341.8	391.4	311.1	9,127	4,520	4,607	134.4	158.3	118.8
2010	27,678	13,359	14,319	337.4	383.3	309.2	9,384	4,741	4,643	131.2	156.2	114.3
2011	28,847	13,790	15,057	332.5	371.0	309.6	9,847	5,010	4,837	131.1	157.1	113.5
2012	29,283	13,582	15,701	318.6	342.5	307.2	10,197	5,097	5,100	127.7	148.8	113.2
2013	30,366	14,021	16,345	318.5	339.8	309.0	10,405	5,216	5,189	123.9	145.2	109.4
2014	31,648	14,586	17,062	316.0	334.6	308.6	10,871	5,431	5,440	124.1	145.3	109.9
2015	32,639	14,697	17,942	309.9	319.6	310.2	11,189	5,744	5,445	121.3	145.7	104.5

(Table Continues)

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Note: Excludes in situ cancers, except bladder. Rates based on fewer than 15 cases or deaths are not shown.

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Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2015, All Cancer Combined (continued)

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
1988	85,417	42,024	43,393	481.6	553.8	445.0	38,051	19,583	18,468	215.2	268.8	183.5
1989	85,615	42,854	42,761	477.2	557.3	433.3	38,229	19,499	18,730	213.7	263.5	184.4
1990	89,437	45,677	43,760	491.8	583.9	439.5	38,497	19,846	18,651	212.5	264.2	181.3
1991	93,458	49,336	44,122	509.4	622.1	440.2	38,989	19,946	19,043	213.3	262.7	183.8
1992	96,002	51,622	44,380	518.1	641.6	439.1	38,555	19,719	18,836	208.5	256.6	179.2
1993	92,915	48,817	44,098	499.0	601.7	433.1	38,968	19,809	19,159	209.0	254.6	181.1
1994	90,932	46,858	44,074	488.9	573.3	434.7	39,298	19,887	19,411	209.6	253.5	182.7
1995	90,385	45,544	44,841	484.4	553.0	441.5	38,915	19,960	18,955	205.6	250.7	177.3
1996	91,696	45,975	45,721	489.6	554.9	449.3	38,177	19,347	18,830	199.8	240.5	174.4
1997	93,536	47,041	46,495	493.3	559.4	451.0	38,468	19,691	18,777	198.8	240.9	172.1
1998	94,544	47,254	47,290	493.7	553.7	455.6	37,671	19,241	18,430	192.6	230.4	167.3
1999	95,993	48,060	47,933	495.8	556.4	456.9	38,627	19,728	18,899	194.6	233.6	168.6
2000	95,819	48,062	47,757	490.9	551.9	451.1	38,424	19,309	19,115	191.5	226.6	168.9
2001	96,532	48,787	47,745	491.2	554.9	449.5	38,342	19,424	18,918	189.6	225.0	166.1
2002	96,422	48,642	47,780	486.6	546.3	446.9	38,281	19,564	18,717	187.7	223.8	163.3
2003	94,012	47,772	46,240	470.3	529.4	429.8	38,072	19,340	18,732	184.6	218.4	161.9
2004	95,219	49,044	46,175	475.2	540.1	429.5	37,091	18,910	18,181	179.4	211.9	157.1
2005	95,166	48,136	47,030	472.7	525.4	437.2	37,208	18,962	18,246	178.6	210.4	156.7
2006	95,894	49,076	46,818	476.2	533.2	436.2	36,581	18,711	17,870	175.3	206.1	153.9
2007	98,569	50,894	47,675	485.5	545.1	442.8	36,873	18,996	17,877	174.9	206.4	152.5
2008	98,416	49,875	48,541	480.0	525.6	448.7	36,153	18,482	17,671	168.9	197.0	148.8
2009	98,525	50,081	48,444	475.0	519.8	444.6	36,509	18,880	17,629	168.9	198.6	147.6
2010	97,347	49,448	47,899	464.2	504.9	436.1	36,389	18,832	17,557	165.7	194.5	145.0
2011	96,288	49,085	47,203	454.7	492.5	429.2	35,703	18,645	17,058	160.6	189.4	139.6
2012	95,443	47,503	47,940	446.1	470.6	432.3	36,495	18,982	17,513	161.6	189.0	141.5
2013	95,397	47,820	47,577	439.2	465.2	424.1	36,103	18,911	17,192	157.8	185.5	137.4
2014	96,208	47,597	48,611	437.0	454.9	429.2	35,847	18,876	16,971	154.4	181.7	134.5
2015	95,390	47,535	47,855	430.2	448.3	421.6	36,069	18,911	17,158	152.5	178.1	133.4

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Excludes cases reported by the Department of Veterans Affairs.

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, 2011-2015, All Cancer Combined

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	2,737	1,420	1,317	21.8	22.1	21.4	260	141	119	2.1	2.2	1.9
05 - 09	1,609	903	706	12.7	13.9	11.4	267	153	114	2.1	2.4	1.8
10 - 14	1,805	967	838	14.2	14.9	13.5	304	167	137	2.4	2.6	2.2
15 - 19	2,983	1,635	1,348	22.4	23.9	20.8	454	284	170	3.4	4.2	2.6
20 - 24	4,949	2,583	2,366	34.1	34.3	33.8	672	423	249	4.6	5.6	3.6
25 - 29	7,526	3,337	4,189	52.5	45.1	60.3	933	523	410	6.5	7.1	5.9
30 - 34	11,493	4,286	7,207	83.7	61.3	106.9	1,412	684	728	10.3	9.8	10.8
35 - 39	15,807	5,272	10,535	123.8	82.1	165.9	2,358	992	1,366	18.5	15.5	21.5
40 - 44	25,648	8,107	17,541	195.7	123.6	267.8	4,172	1,718	2,454	31.8	26.2	37.5
45 - 49	40,362	14,334	26,028	309.2	219.4	399.1	7,853	3,533	4,320	60.2	54.1	66.2
50 - 54	64,252	27,778	36,474	487.5	425.7	548.2	14,535	6,993	7,542	110.3	107.2	113.4
55 - 59	85,713	42,218	43,495	713.4	720.8	706.5	22,999	12,069	10,930	191.4	206.1	177.5
60 - 64	101,691	52,734	48,957	1,006.9	1,091.4	929.4	30,746	16,521	14,225	304.4	341.9	270.1
65 - 69	112,520	60,896	51,624	1,431.3	1,646.3	1,240.2	35,142	19,070	16,072	447.0	515.5	386.1
70 - 74	96,432	52,080	44,352	1,729.0	2,041.8	1,465.4	36,284	19,567	16,717	650.6	767.1	552.3
75 - 79	80,744	42,491	38,253	1,963.8	2,336.2	1,668.4	37,648	19,861	17,787	915.6	1,092.0	775.8
80 - 84	65,256	33,314	31,942	2,108.1	2,565.9	1,777.4	38,070	20,120	17,950	1,229.9	1,549.7	998.8
85 +	67,656	31,032	36,624	2,026.0	2,602.4	1,705.8	54,494	26,364	28,130	1,631.8	2,210.9	1,310.2
Total/Crude	789,183	385,387	403,796	395.2	421.9	379.6	288,603	149,183	139,420	150.2	156.3	144.2
ASIAN/PACIFIC ISLANDER												
00 - 04	316	161	155	21.0	20.8	21.3	34	14	20	2.3	1.8	2.8
05 - 09	174	95	79	11.1	11.8	10.3	44	27	17	2.8	3.4	2.2
10 - 14	187	108	79	11.8	13.3	10.2	27	16	11	1.7	2.0	1.4
15 - 19	345	190	155	20.7	22.2	19.2	63	42	21	3.8	4.9	2.6
20 - 24	482	236	246	24.5	23.6	25.3	91	56	35	4.6	5.6	3.6
25 - 29	866	316	550	39.2	29.0	49.0	99	56	43	4.5	5.1	3.8
30 - 34	1,535	464	1,071	69.6	44.6	92.0	220	104	116	10.0	10.0	10.0
35 - 39	2,391	601	1,790	110.7	59.7	155.2	383	148	235	17.7	14.7	20.4
40 - 44	4,010	998	3,012	182.0	98.1	254.1	697	286	411	31.6	28.1	34.7
45 - 49	5,693	1,566	4,127	278.9	165.2	377.5	1,229	524	705	60.2	55.3	64.5
50 - 54	7,858	2,669	5,189	395.8	291.7	484.8	1,922	884	1,038	96.8	96.6	97.0
55 - 59	9,734	3,978	5,756	529.1	477.0	572.2	2,812	1,428	1,384	152.8	171.3	137.6
60 - 64	11,174	5,121	6,053	709.9	725.0	697.5	3,524	1,797	1,727	223.9	254.4	199.0
65 - 69	11,664	5,958	5,706	992.0	1,132.9	878.0	3,672	1,978	1,694	312.3	376.1	260.7
70 - 74	9,866	5,160	4,706	1,168.0	1,376.6	1,001.6	3,763	2,064	1,699	445.5	550.6	361.6
75 - 79	8,640	4,500	4,140	1,349.4	1,638.9	1,132.0	4,172	2,205	1,967	651.6	803.1	537.9
80 - 84	6,836	3,430	3,406	1,493.9	1,850.9	1,251.0	4,201	2,178	2,023	918.1	1,175.3	743.0
85 +	6,713	3,085	3,628	1,516.8	1,881.6	1,302.1	5,524	2,698	2,826	1,248.2	1,645.6	1,014.3
Total/Crude	88,484	38,636	49,848	293.4	294.8	296.5	32,477	16,505	15,972	115.7	123.9	108.3

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.
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 Note: In situ cancers are excluded, unless specified. Excludes cases reported by the Department of Veterans Affairs.
 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, 2011-2015, All Cancer Combined (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
00 - 04	131	67	64	16.7	16.8	16.6	16	11	5	2.0	2.8	1.3
05 - 09	85	46	39	10.9	11.5	10.2	15	9	6	1.9	2.3	1.6
10 - 14	97	54	43	11.8	12.8	10.7	13	7	6	1.6	1.7	1.5
15 - 19	148	74	74	16.0	15.5	16.5	35	21	14	3.8	4.4	3.1
20 - 24	240	123	117	23.1	22.8	23.5	53	32	21	5.1	5.9	4.2
25 - 29	385	146	239	41.8	30.9	53.3	58	24	34	6.3	5.1	7.6
30 - 34	582	201	381	70.9	48.1	94.7	123	43	80	15.0	10.3	19.9
35 - 39	833	264	569	112.1	71.0	153.2	185	63	122	24.9	17.0	32.8
40 - 44	1,492	534	958	189.5	135.8	242.9	371	134	237	47.1	34.1	60.1
45 - 49	2,920	1,201	1,719	344.0	284.5	402.8	749	308	441	88.2	73.0	103.3
50 - 54	5,039	2,442	2,597	566.9	556.2	577.4	1,477	670	807	166.2	152.6	179.4
55 - 59	6,804	3,639	3,165	876.2	964.0	793.2	2,308	1,163	1,145	297.2	308.1	287.0
60 - 64	7,715	4,186	3,529	1,271.1	1,473.5	1,093.0	3,011	1,599	1,412	496.1	562.9	437.3
65 - 69	7,233	3,915	3,318	1,656.8	1,993.1	1,381.7	2,837	1,535	1,302	649.8	781.4	542.2
70 - 74	5,693	2,927	2,766	1,806.0	2,138.3	1,550.9	2,748	1,466	1,282	871.7	1,071.0	718.8
75 - 79	4,466	2,153	2,313	1,921.1	2,164.5	1,739.0	2,682	1,384	1,298	1,153.7	1,391.4	975.9
80 - 84	2,990	1,375	1,615	2,007.2	2,373.7	1,774.0	2,090	1,071	1,019	1,403.0	1,848.9	1,119.3
85 +	2,647	1,047	1,600	1,817.8	2,254.4	1,613.3	2,535	1,208	1,327	1,740.9	2,601.1	1,338.1
Total/Crude	49,500	24,394	25,106	419.9	459.1	394.2	21,306	10,748	10,558	177.1	180.6	173.8
HISPANIC												
00 - 04	1,376	708	668	20.7	20.9	20.5	133	68	65	2.0	2.0	2.0
05 - 09	799	451	348	11.9	13.2	10.6	137	76	61	2.1	2.2	1.9
10 - 14	919	471	448	14.2	14.3	14.1	182	101	81	2.8	3.1	2.6
15 - 19	1,425	809	616	21.6	24.1	19.1	234	147	87	3.6	4.4	2.7
20 - 24	2,091	1,153	938	31.7	33.8	29.5	359	238	121	5.4	7.0	3.8
25 - 29	2,781	1,254	1,527	46.3	39.9	53.2	450	257	193	7.5	8.2	6.7
30 - 34	4,056	1,515	2,541	70.5	51.0	91.3	631	307	324	11.0	10.3	11.6
35 - 39	5,586	1,813	3,773	103.3	66.1	141.6	985	404	581	18.2	14.7	21.8
40 - 44	8,185	2,452	5,733	158.2	93.8	224.1	1,573	630	943	30.4	24.1	36.9
45 - 49	11,255	3,801	7,454	243.0	161.4	327.3	2,443	1,075	1,368	52.7	45.7	60.1
50 - 54	15,265	6,312	8,953	388.2	322.3	453.6	3,744	1,815	1,929	95.2	92.7	97.7
55 - 59	17,756	8,373	9,383	570.9	554.0	586.9	5,167	2,655	2,512	166.1	175.7	157.1
60 - 64	18,185	8,997	9,188	803.5	840.9	769.9	5,882	3,046	2,836	259.9	284.7	237.7
65 - 69	18,493	9,742	8,751	1,171.8	1,351.4	1,020.8	5,968	3,092	2,876	378.2	428.9	335.5
70 - 74	15,083	7,971	7,112	1,394.2	1,693.1	1,163.9	6,008	3,134	2,874	555.3	665.7	470.3
75 - 79	12,181	6,448	5,733	1,563.5	1,971.3	1,268.3	5,971	3,159	2,812	766.4	965.8	622.1
80 - 84	9,255	4,631	4,624	1,674.3	2,082.2	1,399.7	5,787	2,998	2,789	1,046.9	1,347.9	844.2
85 +	8,092	3,775	4,317	1,612.6	2,051.6	1,358.4	6,855	3,296	3,559	1,366.1	1,791.3	1,119.9
Total/Crude	152,783	70,676	82,107	318.5	340.3	308.8	52,509	26,498	26,011	71.2	71.3	71.1

(Table Continues)

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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, 2011-2015, All Cancer Combined (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
00 - 04	870	457	413	24.4	25.0	23.8	76	48	28	2.1	2.6	1.6
05 - 09	527	297	230	14.6	16.0	13.1	71	41	30	2.0	2.2	1.7
10 - 14	580	322	258	15.5	16.8	14.1	80	42	38	2.1	2.2	2.1
15 - 19	1,009	536	473	24.7	25.4	24.0	120	72	48	2.9	3.4	2.4
20 - 24	1,991	987	1,004	41.2	39.2	43.4	167	97	70	3.5	3.9	3.0
25 - 29	3,247	1,522	1,725	63.3	57.2	69.9	319	183	136	6.2	6.9	5.5
30 - 34	4,936	1,966	2,970	100.9	77.6	125.9	424	223	201	8.7	8.8	8.5
35 - 39	6,564	2,430	4,134	149.2	107.0	194.2	792	372	420	18.0	16.4	19.7
40 - 44	11,287	3,856	7,431	231.4	154.3	312.4	1,494	654	840	30.6	26.2	35.3
45 - 49	19,503	7,324	12,179	357.3	264.2	453.3	3,347	1,589	1,758	61.3	57.3	65.4
50 - 54	34,270	15,374	18,896	544.9	484.5	606.4	7,259	3,560	3,699	115.4	112.2	118.7
55 - 59	49,018	24,757	24,261	789.1	798.9	779.5	12,489	6,686	5,803	201.1	215.8	186.4
60 - 64	61,843	32,608	29,235	1,105.9	1,189.2	1,025.7	18,027	9,922	8,105	322.4	361.9	284.4
65 - 69	71,973	39,065	32,908	1,556.5	1,748.8	1,376.7	22,369	12,305	10,064	483.7	550.9	421.0
70 - 74	63,213	34,160	29,053	1,912.9	2,198.7	1,659.4	23,460	12,726	10,734	709.9	819.1	613.1
75 - 79	53,715	28,190	25,525	2,201.3	2,542.7	1,917.0	24,565	12,979	11,586	1,006.7	1,170.7	870.1
80 - 84	44,982	23,108	21,874	2,338.6	2,793.3	1,995.4	25,792	13,773	12,019	1,340.9	1,664.9	1,096.4
85 +	49,198	22,581	26,617	2,198.6	2,844.3	1,843.6	39,366	19,053	20,313	1,759.2	2,399.9	1,406.9
Total/Crude	478,726	239,540	239,186	441.1	465.7	427.1	180,217	94,325	85,892	233.4	245.0	221.9

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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	0.38	0.76	46.11	0.17	0.34	0.82	44.63
25	0.53	1.56	4.67	46.61	0.84	2.98	7.46	44.82
35	1.05	4.21	12.24	46.80	2.17	6.70	14.24	44.52
45	3.24	11.48	25.46	46.93	4.67	12.42	23.87	43.59
55	8.80	23.73	38.07	46.66	8.27	20.47	32.79	41.48
65	17.54	34.38	-	44.48	13.76	27.67	-	37.47
Lifetime Risk of Being Diagnosed = 46.11%				Lifetime Risk of Being Diagnosed = 44.63%				
Lifetime Risk of Dying of Cancer = 22.60%				Lifetime Risk of Dying of Cancer = 19.54%				
ASIAN/PACIFIC ISLANDER								
0	0.16	0.34	0.60	40.46	0.17	0.31	0.70	40.17
25	0.37	1.16	3.41	40.74	0.71	2.73	6.81	40.31
35	0.80	3.07	8.70	40.75	2.04	6.15	12.15	39.97
45	2.30	8.02	18.52	40.60	4.21	10.36	18.85	38.85
55	5.95	16.88	28.94	39.86	6.46	15.38	25.15	36.39
65	12.05	25.33	-	37.37	9.69	20.30	-	32.51
Lifetime Risk of Being Diagnosed = 40.46%				Lifetime Risk of Being Diagnosed = 40.17%				
Lifetime Risk of Dying of Cancer = 22.90%				Lifetime Risk of Dying of Cancer = 18.88%				
NON-HISPANIC BLACK								
0	0.14	0.28	0.54	40.07	0.14	0.27	0.66	40.17
25	0.39	1.43	5.31	41.29	0.74	2.69	7.21	40.71
35	1.07	5.05	14.93	41.91	1.98	6.57	14.67	40.59
45	4.14	14.42	27.85	42.49	4.76	13.15	24.24	40.03
55	11.34	26.16	36.63	42.31	9.12	21.17	31.74	38.33
65	18.98	32.40	-	39.67	14.25	26.73	-	34.52
Lifetime Risk of Being Diagnosed = 40.07%				Lifetime Risk of Being Diagnosed = 40.17%				
Lifetime Risk of Dying of Cancer = 22.81%				Lifetime Risk of Dying of Cancer = 20.37%				
HISPANIC								
0	0.17	0.36	0.72	40.73	0.16	0.32	0.74	38.03
25	0.45	1.25	3.61	41.10	0.72	2.53	6.26	38.14
35	0.81	3.20	9.53	41.22	1.82	5.59	11.91	37.80
45	2.44	8.90	20.76	41.28	3.85	10.32	19.70	36.84
55	6.82	19.34	31.82	41.01	6.81	16.70	26.48	34.75
65	14.31	28.58	-	39.09	10.95	21.79	-	30.94
Lifetime Risk of Being Diagnosed = 40.73%				Lifetime Risk of Being Diagnosed = 38.03%				
Lifetime Risk of Dying of Cancer = 21.55%				Lifetime Risk of Dying of Cancer = 18.00%				
NON-HISPANIC WHITE								
0	0.20	0.42	0.89	48.43	0.19	0.38	0.96	48.32
25	0.67	1.97	5.54	48.82	0.99	3.48	8.47	48.45
35	1.33	4.95	13.65	49.01	2.52	7.59	15.87	48.15
45	3.74	12.70	27.47	49.14	5.24	13.80	26.56	47.19
55	9.66	25.57	40.75	48.91	9.20	22.92	36.67	45.10
65	18.93	37.01	-	46.72	15.67	31.38	-	41.00
Lifetime Risk of Being Diagnosed = 48.43%				Lifetime Risk of Being Diagnosed = 48.32%				
Lifetime Risk of Dying of Cancer = 22.87%				Lifetime Risk of Dying of Cancer = 20.15%				

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 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2011-2015.
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