

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Males by Year and Race/Ethnicity, California, 1988-2015, Prostate Gland Cancer

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Male	Male	Male	Male
ALL RACES				
1988	11,672	124.2	2,833	34.8
1989	12,523	130.4	2,894	34.5
1990	14,952	151.8	2,999	34.9
1991	19,473	189.8	3,275	37.4
1992	22,868	215.5	3,286	36.6
1993	21,204	194.1	3,360	36.7
1994	18,274	163.1	3,321	35.3
1995	17,160	150.0	3,191	32.8
1996	17,651	151.3	3,179	32.1
1997	18,509	154.5	3,117	30.6
1998	18,879	153.7	2,950	28.0
1999	20,134	159.9	3,085	28.7
2000	20,073	156.1	3,008	27.4
2001	20,624	156.7	2,936	26.0
2002	21,465	158.9	3,049	26.4
2003	20,235	145.6	3,013	25.3
2004	21,493	151.2	2,974	24.6
2005	19,734	135.7	3,059	24.6
2006	21,259	142.9	2,914	22.7
2007	22,972	149.5	3,043	23.1
2008	21,545	135.4	3,018	22.2
2009	21,459	129.7	3,093	22.2
2010	21,594	126.6	3,049	21.1
2011	21,587	121.9	3,067	20.6
2012	18,767	101.9	2,972	19.3
2013	18,309	96.3	3,111	19.5
2014	16,619	84.5	3,191	19.4
2015	17,159	84.4	3,314	19.4
ASIAN/PACIFIC ISLANDER				
1988	345	64.7	78	19.2
1989	394	68.5	90	19.7
1990	468	76.9	97	18.1
1991	590	85.1	102	19.6
1992	817	106.4	108	17.6
1993	959	114.8	125	19.9
1994	939	102.6	95	13.0
1995	908	91.9	120	15.4
1996	912	87.2	117	14.5
1997	1,015	90.7	113	13.2
1998	1,067	87.9	111	11.5
1999	1,214	95.3	125	13.6
2000	1,215	90.6	123	12.3
2001	1,413	99.4	130	12.3
2002	1,504	100.3	127	10.6
2003	1,528	97.2	130	10.8
2004	1,565	93.3	167	13.1
2005	1,439	82.6	171	12.1
2006	1,530	84.2	160	10.9
2007	1,752	90.3	194	12.4
2008	1,603	78.4	163	10.2
2009	1,670	77.6	164	9.5
2010	1,691	74.5	172	9.4
2011	1,731	72.2	201	10.1
2012	1,492	58.6	190	9.3
2013	1,439	53.0	224	10.1
2014	1,276	44.7	216	9.0
2015	1,372	45.5	242	9.5

(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: In situ cancers are excluded, unless specified. 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.

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Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Male	Male	Male	Male
NON-HISPANIC BLACK				
1988	788	169.0	286	72.6
1989	832	174.4	280	69.3
1990	972	196.6	311	74.9
1991	1,245	250.8	330	74.6
1992	1,527	282.1	308	70.2
1993	1,635	290.6	332	76.3
1994	1,513	260.4	328	68.8
1995	1,433	237.0	332	72.3
1996	1,476	238.4	321	66.4
1997	1,516	235.6	340	69.6
1998	1,628	246.5	303	59.2
1999	1,758	252.1	334	63.5
2000	1,820	252.1	324	60.5
2001	1,769	237.3	331	61.3
2002	1,807	235.5	340	61.8
2003	1,715	214.9	340	59.6
2004	1,768	217.3	312	55.5
2005	1,675	199.7	354	60.3
2006	1,807	206.5	270	43.7
2007	1,934	214.0	332	52.7
2008	1,846	198.4	337	52.6
2009	1,863	189.8	361	53.5
2010	1,893	183.9	314	43.8
2011	1,828	172.3	340	47.2
2012	1,725	157.6	338	44.9
2013	1,696	151.4	339	43.0
2014	1,475	125.4	346	42.2
2015	1,526	127.4	359	40.5
HISPANIC				
1988	842	87.4	214	25.9
1989	984	95.8	183	19.2
1990	1,130	110.0	202	23.7
1991	1,387	128.2	254	28.6
1992	1,837	157.3	269	28.8
1993	1,983	157.3	270	27.6
1994	1,891	141.5	291	28.8
1995	1,853	133.7	287	27.0
1996	1,905	132.0	281	24.4
1997	1,894	122.4	283	25.5
1998	2,211	134.8	328	28.0
1999	2,372	136.9	294	23.1
2000	2,552	141.0	281	22.2
2001	2,663	137.4	354	25.4
2002	2,981	145.4	353	25.0
2003	2,839	133.4	358	22.8
2004	3,182	140.9	369	22.2
2005	3,085	128.1	413	24.5
2006	3,158	124.9	417	22.6
2007	3,467	128.7	413	20.6
2008	3,469	122.6	457	22.2
2009	3,616	118.9	414	19.0
2010	3,617	113.1	463	19.9
2011	3,704	107.4	501	20.1
2012	3,383	92.1	467	17.6
2013	3,273	85.7	531	18.6
2014	3,161	77.0	512	17.0
2015	3,180	72.6	571	17.8

(Table Continues)

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Excludes cases reported by the Department of Veterans Affairs.

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

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Male	Male	Male	Male
NON-HISPANIC WHITE				
1988	9,596	130.4	2,251	35.1
1989	10,197	136.8	2,331	35.7
1990	12,191	159.6	2,386	35.5
1991	16,023	203.1	2,582	38.0
1992	18,295	227.3	2,595	37.5
1993	16,142	197.8	2,627	37.4
1994	13,491	163.4	2,604	36.5
1995	12,565	151.0	2,447	33.3
1996	12,937	154.3	2,453	33.0
1997	13,650	160.5	2,370	31.1
1998	13,543	157.1	2,199	28.1
1999	14,361	164.7	2,327	29.4
2000	14,103	160.4	2,268	28.1
2001	14,389	162.0	2,115	25.8
2002	14,703	163.0	2,216	26.6
2003	13,666	148.8	2,173	25.7
2004	14,432	155.6	2,113	24.8
2005	12,989	138.6	2,101	24.3
2006	14,081	149.1	2,057	23.3
2007	15,031	155.7	2,093	23.4
2008	13,847	140.0	2,041	22.4
2009	13,424	132.2	2,141	23.1
2010	13,245	127.9	2,085	22.0
2011	13,233	125.0	2,009	20.8
2012	11,023	101.3	1,959	19.9
2013	10,789	97.0	2,007	20.1
2014	9,655	85.2	2,098	20.7
2015	9,916	85.9	2,118	20.3

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Note: In situ cancers are excluded, unless specified. 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.

Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Males by Age and Race/Ethnicity, California, 2011-2015, Prostate Gland Cancer

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2011-2015	Annual Rate	Deaths 2011-2015	Annual Rate
	Male	Male	Male	Male
ALL RACES				
00 - 04	2	0.0	0	0.0
05 - 09	1	0.0	0	0.0
10 - 14	1	0.0	0	0.0
15 - 19	3	0.0	0	0.0
20 - 24	0	0.0	0	0.0
25 - 29	2	0.0	0	0.0
30 - 34	6	0.1	0	0.0
35 - 39	41	0.6	3	0.1
40 - 44	374	5.7	6	0.1
45 - 49	1,764	27.0	46	0.7
50 - 54	6,064	92.9	171	2.6
55 - 59	12,072	206.1	475	8.1
60 - 64	16,773	347.1	905	18.7
65 - 69	21,201	573.2	1,426	38.6
70 - 74	15,091	591.6	1,727	67.7
75 - 79	9,573	526.3	2,313	127.2
80 - 84	5,277	406.4	2,821	217.3
85 +	4,196	351.9	5,762	483.2
Total/Crude	92,441	97.1	15,655	16.4
ASIAN/PACIFIC ISLANDER				
00 - 04	0	0.0	0	0.0
05 - 09	0	0.0	0	0.0
10 - 14	1	0.1	0	0.0
15 - 19	1	0.1	0	0.0
20 - 24	0	0.0	0	0.0
25 - 29	0	0.0	0	0.0
30 - 34	0	0.0	0	0.0
35 - 39	2	0.2	0	0.0
40 - 44	15	1.5	1	0.1
45 - 49	97	10.2	1	0.1
50 - 54	325	35.5	11	1.2
55 - 59	819	98.2	27	3.2
60 - 64	1,267	179.4	43	6.1
65 - 69	1,741	331.0	92	17.5
70 - 74	1,335	356.1	105	28.0
75 - 79	895	326.0	158	57.5
80 - 84	451	243.4	199	107.4
85 +	361	220.2	436	265.9
Total/Crude	7,310	54.1	1,073	8.1

(Table Continues)

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 Excludes cases reported by the Department of Veterans Affairs.
 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 Males by Age and Race/Ethnicity, California, 2011-2015, Prostate Gland Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2011-2015	Annual Rate	Deaths 2011-2015	Annual Rate
	Male	Male	Male	Male
NON-HISPANIC BLACK				
00 - 04	0	0.0	0	0.0
05 - 09	0	0.0	0	0.0
10 - 14	0	0.0	0	0.0
15 - 19	0	0.0	0	0.0
20 - 24	0	0.0	0	0.0
25 - 29	0	0.0	0	0.0
30 - 34	1	0.2	0	0.0
35 - 39	6	1.6	0	0.0
40 - 44	73	18.6	1	0.3
45 - 49	367	86.9	12	2.8
50 - 54	912	207.7	28	6.4
55 - 59	1,517	401.9	100	26.5
60 - 64	1,695	596.6	165	58.1
65 - 69	1,629	829.3	204	103.9
70 - 74	984	718.9	226	165.1
75 - 79	571	574.0	285	286.5
80 - 84	274	473.0	278	479.9
85 +	221	475.9	423	910.8
Total/Crude	8,250	146.2	1,722	28.9
HISPANIC				
00 - 04	1	0.0	0	0.0
05 - 09	1	0.0	0	0.0
10 - 14	0	0.0	0	0.0
15 - 19	2	0.1	0	0.0
20 - 24	0	0.0	0	0.0
25 - 29	2	0.1	0	0.0
30 - 34	2	0.1	0	0.0
35 - 39	11	0.4	2	0.1
40 - 44	103	3.9	3	0.1
45 - 49	409	17.4	14	0.6
50 - 54	1,307	66.7	43	2.2
55 - 59	2,341	154.9	114	7.5
60 - 64	2,951	275.8	201	18.8
65 - 69	3,714	515.2	256	35.5
70 - 74	2,588	549.7	324	68.8
75 - 79	1,717	524.9	407	124.4
80 - 84	923	415.0	475	213.6
85 +	629	341.8	743	403.8
Total/Crude	16,701	86.0	2,582	7.0

(Table Continues)

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 Excludes cases reported by the Department of Veterans Affairs.
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Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Males by Age and Race/Ethnicity, California, 2011-2015, Prostate Gland Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2011-2015	Annual Rate	Deaths 2011-2015	Annual Rate
	Male	Male	Male	Male
NON-HISPANIC WHITE				
00 - 04	1	0.1	0	0.0
05 - 09	0	0.0	0	0.0
10 - 14	0	0.0	0	0.0
15 - 19	0	0.0	0	0.0
20 - 24	0	0.0	0	0.0
25 - 29	0	0.0	0	0.0
30 - 34	2	0.1	0	0.0
35 - 39	22	1.0	1	0.0
40 - 44	169	6.8	1	0.0
45 - 49	815	29.4	19	0.7
50 - 54	3,214	101.3	88	2.8
55 - 59	6,747	217.7	226	7.3
60 - 64	9,927	362.0	486	17.7
65 - 69	12,811	573.5	866	38.8
70 - 74	9,110	586.4	1,064	68.5
75 - 79	5,726	516.5	1,448	130.6
80 - 84	3,267	394.9	1,854	224.1
85 +	2,805	353.3	4,138	521.2
Total/Crude	54,616	98.5	10,191	26.5

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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, Prostate Gland Cancer

Current Age	Males			
	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES				
0	0.00	0.00	0.00	10.87
25	0.00	0.04	0.66	11.07
35	0.04	0.66	3.17	11.19
45	0.63	3.18	7.58	11.35
55	2.67	7.28	10.08	11.23
65	5.20	8.36	-	9.66
Lifetime Risk of Being Diagnosed = 10.87%				
Lifetime Risk of Dying of Cancer = 2.99%				
ASIAN/PACIFIC ISLANDER				
0	0.00	0.00	0.00	7.45
25	0.00	0.01	0.26	7.56
35	0.01	0.26	1.59	7.61
45	0.25	1.60	4.44	7.68
55	1.38	4.30	6.33	7.62
65	3.13	5.31	-	6.70
Lifetime Risk of Being Diagnosed = 7.45%				
Lifetime Risk of Dying of Cancer = 2.30%				
NON-HISPANIC BLACK				
0	0.00	0.00	0.00	13.17
25	0.00	0.14	1.54	13.66
35	0.14	1.58	5.71	13.95
45	1.48	5.76	10.88	14.27
55	4.64	10.19	12.72	13.88
65	6.85	9.98	-	11.40
Lifetime Risk of Being Diagnosed = 13.17%				
Lifetime Risk of Dying of Cancer = 4.72%				
HISPANIC				
0	0.00	0.00	0.00	10.49
25	0.00	0.03	0.47	10.68
35	0.03	0.47	2.49	10.79
45	0.45	2.50	6.63	10.93
55	2.13	6.44	9.39	10.91
65	4.79	8.07	-	9.76
Lifetime Risk of Being Diagnosed = 10.49%				
Lifetime Risk of Dying of Cancer = 3.20%				
NON-HISPANIC WHITE				
0	0.00	0.00	0.00	10.60
25	0.00	0.05	0.71	10.77
35	0.05	0.72	3.29	10.89
45	0.68	3.31	7.61	11.06
55	2.76	7.29	9.93	10.92
65	5.14	8.13	-	9.25
Lifetime Risk of Being Diagnosed = 10.60%				
Lifetime Risk of Dying of Cancer = 2.88%				

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