

**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, Thyroid Gland 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	1,326	345	981	4.9	2.8	7.0	105	44	61	0.5	0.5	0.5
1989	1,421	379	1,042	5.1	3.0	7.2	117	53	64	0.5	0.5	0.5
1990	1,439	364	1,075	5.1	2.9	7.4	93	36	57	0.4	0.3	0.4
1991	1,450	375	1,075	5.1	2.9	7.3	122	46	76	0.5	0.4	0.6
1992	1,615	405	1,210	5.5	3.0	8.0	119	34	85	0.5	0.4	0.6
1993	1,544	411	1,133	5.2	3.1	7.4	132	46	86	0.5	0.4	0.6
1994	1,691	410	1,281	5.7	3.0	8.4	106	33	73	0.4	0.3	0.5
1995	1,708	405	1,303	5.7	3.0	8.5	121	45	76	0.5	0.4	0.5
1996	1,711	395	1,316	5.7	2.9	8.5	129	51	78	0.5	0.5	0.5
1997	1,839	439	1,400	6.0	3.1	8.9	147	60	87	0.5	0.5	0.6
1998	1,977	455	1,522	6.3	3.1	9.4	138	56	82	0.5	0.5	0.5
1999	2,080	500	1,580	6.5	3.3	9.6	139	57	82	0.5	0.5	0.5
2000	2,200	523	1,677	6.7	3.4	10.0	149	59	90	0.5	0.5	0.6
2001	2,351	577	1,774	7.1	3.7	10.4	152	60	92	0.5	0.5	0.5
2002	2,539	598	1,941	7.5	3.8	11.2	165	70	95	0.5	0.5	0.6
2003	2,649	627	2,022	7.7	3.9	11.5	146	59	87	0.5	0.4	0.5
2004	2,838	646	2,192	8.2	4.0	12.3	156	69	87	0.5	0.5	0.5
2005	3,150	739	2,411	9.0	4.5	13.4	164	62	102	0.5	0.4	0.6
2006	3,275	770	2,505	9.3	4.6	13.8	197	79	118	0.6	0.6	0.6
2007	3,586	835	2,751	10.0	5.0	15.0	205	92	113	0.6	0.6	0.6
2008	3,939	929	3,010	10.8	5.4	16.1	235	85	150	0.7	0.6	0.8
2009	4,215	1,001	3,214	11.4	5.7	17.0	196	82	114	0.6	0.5	0.6
2010	4,511	1,030	3,481	12.0	5.7	18.2	201	70	131	0.6	0.4	0.7
2011	4,616	1,083	3,533	12.1	5.9	18.2	222	94	128	0.6	0.6	0.6
2012	4,906	1,102	3,804	12.8	5.9	19.5	223	90	133	0.6	0.5	0.6
2013	5,028	1,164	3,864	12.8	6.2	19.4	248	104	144	0.6	0.6	0.7
2014	5,281	1,257	4,024	13.2	6.4	19.9	244	99	145	0.6	0.6	0.7
2015	5,463	1,415	4,048	13.5	7.1	19.8	281	115	166	0.7	0.6	0.7
2016	5,225	1,313	3,912	12.7	6.5	18.9	297	134	163	0.7	0.7	0.7
2017	5,243	1,325	3,918	12.7	6.5	18.9	245	110	135	0.6	0.6	0.6

(Table Continues)

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

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Rates based on fewer than 15 cases or deaths are not shown.

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

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ASIAN/PACIFIC ISLANDER</b>												
1988	141	26	115	6.6	2.6	10.1	11	2	9	-	-	-
1989	168	41	127	7.1	3.8	10.1	11	5	6	-	-	-
1990	161	35	126	6.6	3.5	9.4	9	1	8	-	-	-
1991	170	37	133	6.7	3.4	9.6	21	5	16	1.2	-	1.8
1992	217	42	175	8.0	3.5	11.9	16	3	13	1.0	-	-
1993	195	41	154	6.8	3.4	9.8	17	7	10	0.8	-	-
1994	228	44	184	7.7	3.7	11.3	12	3	9	-	-	-
1995	252	55	197	8.1	4.0	11.6	12	2	10	-	-	-
1996	226	47	179	7.1	3.6	10.2	17	4	13	0.8	-	-
1997	249	43	206	7.5	3.1	11.3	24	7	17	1.0	-	1.3
1998	298	65	233	8.2	3.8	11.9	23	9	14	0.9	-	-
1999	283	56	227	7.6	3.3	11.3	23	6	17	0.8	-	1.1
2000	312	63	249	8.2	3.5	12.1	24	6	18	0.8	-	1.0
2001	342	74	268	8.3	4.1	12.0	22	6	16	0.7	-	0.9
2002	390	81	309	9.1	4.5	13.3	21	5	16	0.6	-	0.8
2003	361	71	290	8.1	3.6	12.0	19	5	14	0.6	-	-
2004	401	79	322	8.7	3.9	13.0	25	10	15	0.7	-	0.7
2005	461	87	374	9.7	4.2	14.4	31	7	24	0.8	-	1.1
2006	515	98	417	10.5	4.5	15.8	30	13	17	0.7	-	0.7
2007	578	114	464	11.6	5.2	17.1	47	15	32	1.1	0.8	1.3
2008	589	124	465	11.3	5.2	16.5	45	12	33	1.0	-	1.3
2009	689	161	528	12.9	6.6	18.2	35	14	21	0.7	-	0.8
2010	691	125	566	12.5	5.0	19.0	41	9	32	0.9	-	1.2
2011	751	165	586	13.4	6.5	19.3	47	17	30	0.9	0.7	1.0
2012	807	180	627	13.8	6.8	19.9	36	15	21	0.6	0.6	0.7
2013	862	173	689	14.3	6.3	21.2	51	22	29	0.9	0.9	0.9
2014	901	207	694	14.3	7.2	20.3	35	10	25	0.5	-	0.7
2015	960	229	731	14.8	7.8	21.0	51	18	33	0.8	0.6	0.9
2016	913	201	712	13.6	6.5	19.8	49	19	30	0.7	0.6	0.8
2017	949	209	740	13.9	6.7	20.1	49	17	32	0.7	0.6	0.8

(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
<b>NON-HISPANIC BLACK</b>												
1988	45	12	33	2.6	-	3.7	4	1	3	-	-	-
1989	48	9	39	2.8	-	4.4	4	3	1	-	-	-
1990	36	9	27	2.3	-	3.0	7	3	4	-	-	-
1991	48	12	36	2.8	-	3.8	4	0	4	-	-	-
1992	60	13	47	3.3	-	4.7	1	1	0	-	-	-
1993	65	21	44	3.5	2.3	4.5	8	1	7	-	-	-
1994	73	22	51	4.2	2.7	5.3	5	1	4	-	-	-
1995	55	11	44	3.1	-	4.6	5	1	4	-	-	-
1996	53	14	39	2.8	-	3.8	4	2	2	-	-	-
1997	59	12	47	3.2	-	4.7	3	0	3	-	-	-
1998	75	22	53	3.8	2.5	5.1	3	0	3	-	-	-
1999	69	15	54	3.4	1.8	4.9	3	3	0	-	-	-
2000	83	22	61	4.2	2.5	5.7	14	4	10	-	-	-
2001	96	18	78	4.7	1.7	7.2	5	2	3	-	-	-
2002	77	16	61	3.6	1.5	5.5	13	6	7	-	-	-
2003	103	21	82	4.9	2.1	7.4	9	3	6	-	-	-
2004	94	19	75	4.3	2.0	6.5	8	3	5	-	-	-
2005	158	34	124	7.2	3.4	10.6	8	3	5	-	-	-
2006	122	30	92	5.7	3.0	8.0	7	1	6	-	-	-
2007	135	30	105	6.1	2.9	8.9	11	6	5	-	-	-
2008	139	25	114	6.2	2.9	9.6	9	2	7	-	-	-
2009	168	33	135	7.3	3.1	11.0	14	5	9	-	-	-
2010	194	35	159	8.3	3.1	13.2	9	1	8	-	-	-
2011	214	40	174	9.2	3.5	14.5	8	5	3	-	-	-
2012	187	41	146	8.1	4.1	11.8	11	5	6	-	-	-
2013	183	37	146	7.8	3.2	12.0	7	2	5	-	-	-
2014	196	50	146	8.3	4.5	12.0	13	5	8	-	-	-
2015	184	46	138	7.6	4.0	10.9	16	4	12	0.7	-	-
2016	158	40	118	6.4	3.3	9.4	15	7	8	0.6	-	-
2017	166	42	124	6.5	3.5	9.5	9	5	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
<b>HISPANIC</b>												
1988	218	45	173	4.2	2.1	6.5	14	4	10	-	-	-
1989	236	42	194	4.5	1.5	7.4	13	4	9	-	-	-
1990	252	51	201	4.7	2.3	7.1	14	4	10	-	-	-
1991	244	54	190	4.4	2.6	6.4	18	5	13	0.7	-	-
1992	309	71	238	5.3	3.1	7.6	16	5	11	0.5	-	-
1993	311	66	245	5.6	2.9	8.1	29	5	24	1.1	-	1.6
1994	345	65	280	5.6	2.3	8.8	23	6	17	0.8	-	1.0
1995	351	58	293	5.6	2.4	8.7	23	7	16	0.7	-	0.8
1996	374	72	302	6.0	2.6	9.1	27	12	15	0.8	-	0.8
1997	400	74	326	5.7	2.4	8.9	31	13	18	0.9	-	1.0
1998	406	72	334	5.5	2.1	8.7	30	10	20	0.7	-	0.9
1999	447	80	367	5.8	2.3	9.1	35	11	24	0.9	-	1.1
2000	517	97	420	6.4	2.7	10.0	27	11	16	0.6	-	0.7
2001	540	108	432	6.8	3.2	10.3	34	13	21	0.8	-	0.9
2002	599	103	496	7.1	2.9	11.2	36	14	22	0.7	-	0.8
2003	607	105	502	7.0	2.8	11.0	35	15	20	0.7	0.8	0.7
2004	699	113	586	7.6	3.1	12.0	40	13	27	0.7	-	0.8
2005	768	150	618	8.3	3.9	12.6	34	15	19	0.6	0.5	0.7
2006	806	151	655	8.4	3.7	12.9	52	19	33	1.0	0.9	1.1
2007	862	167	695	8.6	4.1	13.0	41	20	21	0.7	0.8	0.7
2008	1,010	175	835	9.7	3.8	15.4	46	13	33	0.7	-	0.9
2009	1,116	201	915	10.3	4.2	16.2	39	10	29	0.6	-	0.8
2010	1,127	206	921	10.2	4.3	16.0	50	18	32	0.6	0.5	0.7
2011	1,223	228	995	10.7	4.4	16.7	42	14	28	0.5	-	0.7
2012	1,346	234	1,112	11.3	4.5	18.0	54	14	40	0.8	-	1.0
2013	1,371	247	1,124	11.5	4.5	18.2	65	32	33	0.8	0.8	0.8
2014	1,524	269	1,255	12.1	4.8	19.3	63	21	42	0.8	0.6	0.9
2015	1,604	303	1,301	12.3	5.1	19.3	80	34	46	0.9	0.9	0.9
2016	1,659	358	1,301	12.6	6.1	19.0	99	41	58	1.1	1.0	1.1
2017	1,680	325	1,355	12.3	5.1	19.5	76	37	39	0.8	0.8	0.7

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>												
1988	910	260	650	5.2	3.2	7.2	76	37	39	0.4	0.5	0.4
1989	945	281	664	5.3	3.4	7.2	89	41	48	0.5	0.5	0.5
1990	974	267	707	5.5	3.1	7.8	63	28	35	0.3	0.3	0.3
1991	977	269	708	5.5	3.2	7.9	78	36	42	0.4	0.4	0.4
1992	1,006	274	732	5.6	3.2	8.0	86	25	61	0.5	0.3	0.6
1993	949	280	669	5.3	3.3	7.3	77	32	45	0.4	0.4	0.4
1994	1,031	275	756	5.8	3.2	8.5	65	23	42	0.3	0.3	0.4
1995	1,031	278	753	5.9	3.3	8.5	80	34	46	0.4	0.4	0.4
1996	1,040	259	781	6.0	3.0	8.9	81	33	48	0.4	0.4	0.4
1997	1,116	308	808	6.4	3.6	9.2	89	40	49	0.5	0.5	0.4
1998	1,168	291	877	6.6	3.3	9.9	82	37	45	0.4	0.4	0.4
1999	1,255	345	910	7.1	3.9	10.2	76	36	40	0.4	0.4	0.4
2000	1,268	336	932	7.1	3.8	10.5	83	38	45	0.4	0.4	0.4
2001	1,357	376	981	7.6	4.2	11.0	91	39	52	0.4	0.4	0.4
2002	1,450	392	1,058	8.1	4.4	11.8	95	45	50	0.5	0.5	0.4
2003	1,556	426	1,130	8.6	4.7	12.7	83	36	47	0.4	0.4	0.4
2004	1,611	429	1,182	9.1	4.8	13.4	81	42	39	0.4	0.5	0.3
2005	1,726	463	1,263	9.7	5.1	14.3	91	37	54	0.4	0.4	0.5
2006	1,797	482	1,315	10.1	5.4	14.9	107	46	61	0.5	0.5	0.5
2007	1,962	517	1,445	11.1	5.8	16.6	105	51	54	0.5	0.6	0.5
2008	2,141	590	1,551	12.0	6.5	17.7	135	58	77	0.6	0.6	0.6
2009	2,183	595	1,588	12.3	6.5	18.1	108	53	55	0.5	0.6	0.5
2010	2,441	646	1,795	13.8	7.1	20.6	99	41	58	0.5	0.4	0.5
2011	2,357	633	1,724	13.3	6.9	19.8	123	58	65	0.5	0.6	0.5
2012	2,478	627	1,851	14.1	6.9	21.4	120	56	64	0.5	0.6	0.5
2013	2,540	688	1,852	14.2	7.5	21.1	123	47	76	0.5	0.5	0.6
2014	2,572	711	1,861	14.3	7.5	21.2	132	63	69	0.6	0.6	0.5
2015	2,602	805	1,797	14.6	8.4	21.0	131	56	75	0.6	0.5	0.6
2016	2,388	692	1,696	13.3	7.3	19.5	132	65	67	0.6	0.6	0.5
2017	2,334	720	1,614	13.3	7.7	19.2	108	50	58	0.5	0.5	0.5

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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, Thyroid Gland 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	2	0	2	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	18	2	16	0.1	0.0	0.3	0	0	0	0.0	0.0	0.0
10 - 14	135	40	95	1.1	0.6	1.5	0	0	0	0.0	0.0	0.0
15 - 19	363	64	299	2.8	1.0	4.7	0	0	0	0.0	0.0	0.0
20 - 24	803	136	667	5.6	1.8	9.7	1	0	1	0.0	0.0	0.0
25 - 29	1,351	247	1,104	9.0	3.2	15.3	5	2	3	0.0	0.0	0.0
30 - 34	1,969	372	1,597	13.9	5.1	23.1	9	3	6	0.1	0.0	0.1
35 - 39	2,299	421	1,878	17.6	6.4	29.0	8	3	5	0.1	0.1	0.1
40 - 44	2,428	497	1,931	19.0	7.8	30.1	25	14	11	0.2	0.2	0.2
45 - 49	2,701	585	2,116	20.8	9.0	32.7	35	23	12	0.3	0.4	0.2
50 - 54	3,069	731	2,338	23.5	11.3	35.5	69	39	30	0.5	0.6	0.5
55 - 59	3,015	778	2,237	24.3	12.8	35.3	81	38	43	0.7	0.6	0.7
60 - 64	2,566	760	1,806	24.2	15.0	32.7	145	68	77	1.4	1.3	1.4
65 - 69	2,270	706	1,564	26.4	17.4	34.3	176	84	92	2.0	2.1	2.0
70 - 74	1,420	483	937	23.2	17.2	28.2	165	67	98	2.7	2.4	3.0
75 - 79	953	354	599	21.9	18.3	24.8	188	82	106	4.3	4.3	4.4
80 - 84	523	189	334	16.6	14.2	18.4	170	63	107	5.4	4.7	5.9
85 +	355	109	246	10.1	8.5	11.0	238	76	162	6.8	6.0	7.2
Total/Crude	26,240	6,474	19,766	13.5	6.7	20.2	1,315	562	753	0.7	0.6	0.8
<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	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
10 - 14	22	7	15	1.4	0.8	1.9	0	0	0	0.0	0.0	0.0
15 - 19	51	11	40	3.0	1.3	4.9	0	0	0	0.0	0.0	0.0
20 - 24	114	23	91	5.8	2.3	9.5	0	0	0	0.0	0.0	0.0
25 - 29	203	30	173	8.5	2.5	14.4	0	0	0	0.0	0.0	0.0
30 - 34	356	62	294	15.0	5.5	23.7	0	0	0	0.0	0.0	0.0
35 - 39	431	81	350	19.4	7.8	29.5	1	0	1	0.0	0.0	0.1
40 - 44	463	90	373	20.4	8.6	30.6	2	1	1	0.1	0.1	0.1
45 - 49	502	111	391	23.7	11.3	34.4	6	2	4	0.3	0.2	0.4
50 - 54	525	104	421	25.8	11.1	38.5	5	1	4	0.3	0.1	0.4
55 - 59	489	103	386	25.5	11.8	36.8	13	6	7	0.7	0.7	0.7
60 - 64	495	137	358	29.3	18.1	38.3	24	11	13	1.4	1.5	1.4
65 - 69	397	98	299	29.2	16.2	39.6	37	17	20	2.7	2.8	2.7
70 - 74	217	58	159	23.2	14.0	30.6	35	15	20	3.8	3.6	3.9
75 - 79	153	49	104	21.9	16.2	26.3	30	9	21	4.3	3.0	5.3
80 - 84	105	35	70	21.1	17.2	23.9	39	13	26	7.9	6.4	8.9
85 +	61	20	41	11.9	10.5	12.7	43	11	32	8.4	5.8	9.9
Total/Crude	4,585	1,019	3,566	15.6	7.3	23.1	235	86	149	0.8	0.6	1.0

(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, Thyroid Gland 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	1	0	1	0.1	0.0	0.3	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	7	0	7	0.8	0.0	1.6	0	0	0	0.0	0.0	0.0
20 - 24	11	0	11	1.1	0.0	2.3	0	0	0	0.0	0.0	0.0
25 - 29	36	8	28	3.6	1.6	5.8	0	0	0	0.0	0.0	0.0
30 - 34	38	9	29	4.5	2.1	7.0	0	0	0	0.0	0.0	0.0
35 - 39	71	7	64	9.3	1.8	16.8	0	0	0	0.0	0.0	0.0
40 - 44	90	15	75	12.0	4.0	20.1	3	2	1	0.4	0.5	0.3
45 - 49	100	20	80	12.3	4.9	19.6	3	2	1	0.4	0.5	0.2
50 - 54	122	34	88	14.0	7.9	20.0	4	2	2	0.5	0.5	0.5
55 - 59	104	29	75	12.8	7.3	18.0	4	3	1	0.5	0.8	0.2
60 - 64	94	27	67	14.6	8.9	19.7	6	1	5	0.9	0.3	1.5
65 - 69	76	20	56	15.8	9.2	21.1	11	2	9	2.3	0.9	3.4
70 - 74	62	24	38	18.7	16.7	20.2	8	4	4	2.4	2.8	2.1
75 - 79	40	16	24	16.4	15.5	17.1	7	4	3	2.9	3.9	2.1
80 - 84	21	5	16	13.1	7.8	16.5	7	2	5	4.4	3.1	5.2
85 +	14	1	13	9.0	2.0	12.4	7	1	6	4.5	2.0	5.7
Total/Crude	887	215	672	7.3	3.6	11.0	60	23	37	0.5	0.4	0.6
<b>HISPANIC</b>												
00 - 04	2	0	2	0.0	0.0	0.1	0	0	0	0.0	0.0	0.0
05 - 09	9	0	9	0.1	0.0	0.3	0	0	0	0.0	0.0	0.0
10 - 14	76	21	55	1.2	0.6	1.7	0	0	0	0.0	0.0	0.0
15 - 19	179	29	150	2.8	0.9	4.7	0	0	0	0.0	0.0	0.0
20 - 24	353	52	301	5.3	1.5	9.2	1	0	1	0.0	0.0	0.0
25 - 29	519	71	448	8.3	2.2	15.0	3	1	2	0.1	0.0	0.1
30 - 34	713	118	595	12.2	3.9	21.1	7	2	5	0.1	0.1	0.2
35 - 39	821	138	683	15.0	4.9	25.4	4	1	3	0.1	0.0	0.1
40 - 44	872	155	717	16.8	5.9	27.7	14	7	7	0.3	0.3	0.3
45 - 49	880	156	724	18.4	6.4	30.7	14	8	6	0.3	0.3	0.3
50 - 54	878	175	703	21.2	8.4	34.0	29	17	12	0.7	0.8	0.6
55 - 59	804	165	639	23.9	10.0	37.1	19	13	6	0.6	0.8	0.4
60 - 64	602	119	483	24.0	10.0	36.6	47	18	29	1.9	1.5	2.2
65 - 69	492	127	365	27.7	15.5	38.0	54	30	24	3.0	3.7	2.5
70 - 74	297	73	224	24.8	13.9	33.3	49	12	37	4.1	2.3	5.5
75 - 79	192	54	138	23.0	15.4	28.5	50	27	23	6.0	7.7	4.8
80 - 84	98	34	64	16.9	14.5	18.5	46	14	32	7.9	6.0	9.2
85 +	51	15	36	8.9	7.1	9.9	46	15	31	8.0	7.1	8.5
Total/Crude	7,838	1,502	6,336	10.4	4.0	16.9	383	165	218	0.5	0.4	0.6

(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, Thyroid Gland 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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	7	2	5	0.2	0.1	0.3	0	0	0	0.0	0.0	0.0
10 - 14	37	12	25	1.0	0.6	1.4	0	0	0	0.0	0.0	0.0
15 - 19	118	20	98	3.0	1.0	5.2	0	0	0	0.0	0.0	0.0
20 - 24	309	57	252	6.8	2.4	11.6	0	0	0	0.0	0.0	0.0
25 - 29	555	129	426	10.6	4.8	16.9	2	1	1	0.0	0.0	0.0
30 - 34	813	169	644	16.1	6.5	26.6	2	1	1	0.0	0.0	0.0
35 - 39	933	186	747	20.6	7.9	34.1	3	2	1	0.1	0.1	0.1
40 - 44	957	229	728	21.1	9.8	33.0	5	3	2	0.1	0.1	0.1
45 - 49	1,178	292	886	22.8	11.1	35.0	12	11	1	0.2	0.4	0.0
50 - 54	1,485	403	1,082	25.0	13.4	36.8	31	19	12	0.5	0.6	0.4
55 - 59	1,546	458	1,088	24.9	14.7	35.1	44	16	28	0.7	0.5	0.9
60 - 64	1,342	466	876	23.6	16.7	30.3	66	37	29	1.2	1.3	1.0
65 - 69	1,266	453	813	25.6	19.0	31.8	70	32	38	1.4	1.3	1.5
70 - 74	822	323	499	22.6	18.9	26.0	73	36	37	2.0	2.1	1.9
75 - 79	558	234	324	21.9	20.1	23.3	100	41	59	3.9	3.5	4.3
80 - 84	291	113	178	15.4	13.7	16.6	77	34	43	4.1	4.1	4.0
85 +	219	70	149	9.7	8.5	10.3	141	48	93	6.2	5.9	6.5
Total/Crude	12,436	3,616	8,820	16.2	9.4	22.9	626	281	345	0.8	0.7	0.9

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, Thyroid Gland 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	0.54	0.00	0.04	0.16	1.59
25	0.04	0.11	0.20	0.54	0.19	0.47	0.79	1.53
35	0.07	0.16	0.28	0.50	0.29	0.61	0.91	1.35
45	0.09	0.21	0.33	0.44	0.32	0.63	0.88	1.08
55	0.12	0.25	0.34	0.36	0.32	0.57	0.72	0.77
65	0.14	0.23	-	0.26	0.27	0.43	-	0.48
Lifetime Risk of Being Diagnosed = 0.54%				Lifetime Risk of Being Diagnosed = 1.59%				
Lifetime Risk of Dying of Cancer = 0.08%				Lifetime Risk of Dying of Cancer = 0.11%				
<b>ASIAN/PACIFIC ISLANDER</b>								
0	0.00	0.01	0.04	0.63	0.00	0.04	0.16	1.81
25	0.04	0.12	0.22	0.62	0.19	0.48	0.82	1.74
35	0.08	0.18	0.31	0.58	0.29	0.63	0.98	1.56
45	0.10	0.24	0.36	0.51	0.34	0.69	0.99	1.28
55	0.13	0.26	0.37	0.41	0.35	0.66	0.85	0.95
65	0.14	0.25	-	0.30	0.32	0.51	-	0.62
Lifetime Risk of Being Diagnosed = 0.63%				Lifetime Risk of Being Diagnosed = 1.81%				
Lifetime Risk of Dying of Cancer = 0.10%				Lifetime Risk of Dying of Cancer = 0.18%				
<b>NON-HISPANIC BLACK</b>								
0	0.00	0.00	0.01	0.28	0.00	0.01	0.05	0.87
25	0.02	0.04	0.10	0.29	0.07	0.24	0.43	0.86
35	0.03	0.09	0.15	0.28	0.18	0.36	0.52	0.80
45	0.06	0.13	0.20	0.26	0.19	0.35	0.50	0.64
55	0.07	0.15	0.21	0.21	0.17	0.33	0.43	0.48
65	0.10	0.16	-	0.17	0.17	0.28	-	0.34
Lifetime Risk of Being Diagnosed = 0.28%				Lifetime Risk of Being Diagnosed = 0.87%				
Lifetime Risk of Dying of Cancer = 0.04%				Lifetime Risk of Dying of Cancer = 0.07%				
<b>HISPANIC</b>								
0	0.00	0.01	0.03	0.45	0.00	0.04	0.16	1.64
25	0.03	0.08	0.15	0.44	0.18	0.43	0.74	1.57
35	0.05	0.12	0.21	0.41	0.26	0.57	0.89	1.41
45	0.07	0.16	0.27	0.37	0.31	0.64	0.94	1.16
55	0.09	0.20	0.28	0.31	0.34	0.64	0.81	0.87
65	0.12	0.20	-	0.24	0.32	0.49	-	0.56
Lifetime Risk of Being Diagnosed = 0.45%				Lifetime Risk of Being Diagnosed = 1.64%				
Lifetime Risk of Dying of Cancer = 0.11%				Lifetime Risk of Dying of Cancer = 0.15%				
<b>NON-HISPANIC WHITE</b>								
0	0.00	0.01	0.04	0.61	0.00	0.04	0.18	1.63
25	0.05	0.14	0.25	0.60	0.22	0.54	0.87	1.55
35	0.08	0.20	0.32	0.55	0.32	0.66	0.95	1.34
45	0.11	0.24	0.37	0.48	0.34	0.63	0.86	1.03
55	0.14	0.27	0.36	0.38	0.30	0.54	0.67	0.71
65	0.15	0.25	-	0.27	0.25	0.39	-	0.43
Lifetime Risk of Being Diagnosed = 0.61%				Lifetime Risk of Being Diagnosed = 1.63%				
Lifetime Risk of Dying of Cancer = 0.06%				Lifetime Risk of Dying of Cancer = 0.08%				

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.

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