

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, Lung and Bronchus 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
ALL RACES												
1988	15,938	9,182	6,756	67.0	90.2	50.9	12,813	7,766	5,047	54.1	77.7	37.8
1989	15,955	9,100	6,855	65.9	88.2	50.5	13,127	7,843	5,284	54.5	77.0	38.9
1990	16,515	9,430	7,085	66.9	89.5	51.3	13,275	7,912	5,363	54.2	76.6	38.9
1991	16,404	9,215	7,189	65.5	86.1	51.3	13,469	7,824	5,645	54.2	74.1	40.3
1992	16,657	9,226	7,431	65.3	84.3	52.0	13,364	7,624	5,740	52.7	70.5	40.1
1993	16,482	8,977	7,505	63.8	80.9	51.8	13,650	7,764	5,886	53.1	71.0	40.4
1994	16,434	8,994	7,440	62.8	79.9	50.8	13,682	7,752	5,930	52.6	70.0	40.4
1995	16,712	9,070	7,642	63.0	79.3	51.5	13,666	7,632	6,034	51.8	67.8	40.5
1996	16,655	8,885	7,770	61.8	76.4	51.5	13,579	7,590	5,989	50.6	66.2	39.5
1997	16,785	8,893	7,892	61.0	74.5	51.2	13,754	7,608	6,146	50.2	64.9	39.7
1998	16,859	8,919	7,940	60.1	73.0	50.7	13,498	7,484	6,014	48.3	62.0	38.2
1999	16,952	8,853	8,099	59.2	71.2	50.5	13,737	7,553	6,184	48.1	61.5	38.4
2000	16,961	8,934	8,027	58.1	70.6	49.1	13,651	7,440	6,211	46.9	59.6	37.7
2001	16,989	8,867	8,122	57.1	68.7	48.8	13,961	7,560	6,401	47.1	59.4	38.2
2002	16,936	8,621	8,315	55.8	65.4	49.0	13,728	7,424	6,304	45.4	57.1	37.0
2003	16,814	8,580	8,234	54.3	63.6	47.6	13,637	7,258	6,379	44.2	54.7	36.6
2004	16,915	8,556	8,359	53.8	62.4	47.6	13,401	7,150	6,251	42.8	52.7	35.4
2005	17,016	8,651	8,365	53.2	62.1	46.8	13,328	7,068	6,260	41.8	51.4	34.8
2006	17,117	8,667	8,450	52.7	61.0	46.6	13,168	7,041	6,127	40.8	50.3	33.7
2007	16,884	8,559	8,325	51.1	59.1	45.3	13,136	6,986	6,150	39.8	48.7	33.3
2008	16,742	8,503	8,239	49.3	57.0	43.6	13,040	6,888	6,152	38.5	46.8	32.4
2009	17,477	8,725	8,752	50.4	57.4	45.4	13,050	6,979	6,071	37.7	46.4	31.2
2010	16,768	8,396	8,372	47.1	53.4	42.4	12,880	6,781	6,099	36.2	43.6	30.7
2011	16,129	7,980	8,149	44.1	49.3	40.3	12,691	6,681	6,010	34.8	42.0	29.4
2012	16,336	8,065	8,271	43.6	48.5	40.0	12,463	6,496	5,967	33.2	39.4	28.5
2013	16,491	8,124	8,367	42.5	47.2	39.1	12,408	6,482	5,926	32.1	38.1	27.5
2014	16,838	8,266	8,572	42.1	46.3	39.0	12,231	6,363	5,868	30.7	36.3	26.5
2015	17,058	8,463	8,595	41.4	46.1	37.9	12,307	6,478	5,829	29.9	35.7	25.4
2016	16,922	8,434	8,488	40.0	44.5	36.6	11,745	6,081	5,664	27.9	32.7	24.3
2017	16,818	8,192	8,626	38.7	42.1	36.2	11,561	6,068	5,493	26.7	31.8	22.8

(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
ASIAN/PACIFIC ISLANDER												
1988	624	408	216	43.4	61.8	28.0	473	316	157	34.8	50.1	21.7
1989	656	440	216	43.1	63.6	26.2	480	316	164	32.2	45.8	20.8
1990	730	466	264	44.6	63.0	29.3	488	332	156	31.4	47.4	18.4
1991	736	489	247	41.2	60.0	25.8	588	397	191	34.4	51.1	20.8
1992	873	583	290	45.2	67.5	27.1	598	398	200	31.8	46.8	19.6
1993	859	571	288	41.8	61.7	25.9	663	435	228	33.3	49.2	20.6
1994	875	568	307	40.2	58.9	25.6	683	465	218	32.2	49.5	18.6
1995	943	593	350	41.1	58.3	27.6	688	421	267	31.2	42.7	22.2
1996	999	639	360	40.0	57.7	26.3	715	470	245	30.4	45.0	19.1
1997	1,095	678	417	42.4	58.8	29.7	771	483	288	30.2	42.6	20.5
1998	1,165	725	440	42.0	59.9	28.2	783	498	285	29.0	41.9	19.0
1999	1,155	730	425	39.6	57.7	25.9	918	558	360	31.9	44.4	22.4
2000	1,318	826	492	42.6	61.9	28.0	915	597	318	30.4	46.0	18.6
2001	1,377	819	558	42.1	58.4	30.0	1,020	619	401	32.3	45.3	22.5
2002	1,341	783	558	39.1	53.4	28.5	956	581	375	28.6	40.6	19.7
2003	1,473	885	588	40.7	56.6	28.7	1,095	653	442	31.0	43.3	22.0
2004	1,495	905	590	39.2	55.2	27.2	1,082	670	412	29.0	42.1	19.4
2005	1,585	913	672	39.9	54.5	29.4	1,098	686	412	28.2	41.9	18.4
2006	1,631	943	688	39.2	53.2	29.0	1,144	703	441	28.0	40.6	18.9
2007	1,627	935	692	37.5	50.6	27.9	1,176	688	488	27.6	38.2	20.0
2008	1,694	979	715	37.2	51.2	27.3	1,243	755	488	27.8	40.2	18.9
2009	1,849	1,014	835	38.8	50.2	30.6	1,290	763	527	27.7	38.8	19.8
2010	1,807	1,047	760	36.1	49.2	26.6	1,289	750	539	26.2	36.2	19.0
2011	1,874	1,027	847	35.6	45.9	28.1	1,380	808	572	26.6	36.7	19.2
2012	1,997	1,133	864	36.4	48.2	27.8	1,373	828	545	25.1	35.8	17.4
2013	2,083	1,180	903	35.9	47.7	27.3	1,440	845	595	25.1	34.9	18.0
2014	2,130	1,166	964	34.6	44.1	27.6	1,505	853	652	24.8	32.9	18.8
2015	2,331	1,291	1,040	36.0	46.5	28.3	1,576	937	639	24.6	34.3	17.5
2016	2,309	1,254	1,055	33.9	42.6	27.3	1,569	899	670	23.4	31.4	17.4
2017	2,372	1,273	1,099	33.4	41.5	27.4	1,522	881	641	21.6	29.3	15.8

(Table Continues)

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	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
1988	1,037	661	376	78.1	117.9	49.9	926	643	283	70.5	115.7	38.3
1989	1,076	665	411	80.2	119.0	53.2	952	658	294	71.5	116.8	38.7
1990	1,197	723	474	87.0	124.0	60.9	962	614	348	70.9	107.8	45.1
1991	1,138	715	423	82.2	123.2	53.5	1,031	660	371	75.2	114.4	47.5
1992	1,152	703	449	80.6	116.5	55.3	1,034	647	387	73.2	108.9	48.0
1993	1,144	678	466	79.0	111.6	56.6	1,002	683	319	70.7	115.6	39.5
1994	1,099	622	477	75.2	100.5	57.7	997	619	378	69.9	106.6	45.9
1995	1,195	725	470	80.8	116.3	55.8	1,034	640	394	70.4	104.6	47.0
1996	1,192	705	487	79.2	112.8	56.7	996	635	361	67.0	102.2	42.5
1997	1,165	708	457	75.1	106.6	52.2	1,085	673	412	71.2	105.1	47.5
1998	1,209	674	535	76.4	100.3	59.5	1,015	618	397	65.2	93.7	44.7
1999	1,218	672	546	74.9	97.9	59.3	1,052	631	421	66.0	94.2	46.5
2000	1,195	680	515	72.3	96.7	55.0	1,021	614	407	62.4	88.9	43.8
2001	1,202	680	522	71.3	95.3	54.4	1,070	629	441	64.6	92.5	46.4
2002	1,180	673	507	67.3	90.6	51.2	1,018	596	422	60.0	83.9	43.4
2003	1,267	666	601	71.7	88.2	60.2	1,024	600	424	59.7	82.5	43.4
2004	1,239	623	616	68.8	80.9	60.2	1,000	580	420	55.9	76.1	41.3
2005	1,330	705	625	72.8	90.2	60.4	1,030	581	449	58.0	78.6	43.8
2006	1,296	689	607	68.9	85.9	57.2	1,057	615	442	58.2	80.3	42.6
2007	1,199	603	596	63.1	74.5	55.6	1,027	561	466	54.9	70.3	44.2
2008	1,171	615	556	60.9	74.1	51.5	939	526	413	49.3	65.5	38.0
2009	1,320	687	633	65.6	80.8	55.7	1,009	574	435	51.8	69.7	39.1
2010	1,274	626	648	61.5	69.1	55.9	1,020	568	452	50.0	63.8	39.8
2011	1,189	603	586	55.8	66.4	48.8	994	525	469	47.9	60.6	39.4
2012	1,202	614	588	54.7	63.6	48.3	948	515	433	44.3	56.4	35.9
2013	1,195	600	595	52.6	61.6	46.7	943	506	437	42.6	52.9	35.1
2014	1,290	632	658	55.9	63.7	51.2	950	515	435	41.7	53.2	34.1
2015	1,261	623	638	53.0	61.2	47.5	973	521	452	41.3	51.7	34.0
2016	1,206	634	572	49.1	59.3	41.5	909	487	422	37.4	46.7	30.9
2017	1,253	619	634	49.9	56.3	45.2	874	473	401	35.3	44.6	28.6

(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
HISPANIC												
1988	996	612	384	37.5	53.2	25.9	708	433	275	27.7	39.5	19.1
1989	1,028	620	408	37.2	53.0	25.9	768	498	270	28.7	43.4	17.9
1990	1,076	660	416	38.3	56.7	25.7	748	471	277	27.7	42.5	17.8
1991	1,079	632	447	36.5	51.6	26.2	833	487	346	29.1	40.8	21.0
1992	1,087	632	455	35.7	50.4	25.9	804	485	319	27.3	39.6	18.8
1993	1,156	674	482	36.6	51.1	26.7	840	513	327	28.0	41.8	18.6
1994	1,056	653	403	32.4	48.0	21.5	892	534	358	28.5	42.3	19.4
1995	1,199	732	467	35.7	52.4	24.2	905	549	356	28.2	40.8	19.4
1996	1,158	671	487	33.1	46.3	24.1	960	571	389	28.3	40.1	20.1
1997	1,167	686	481	32.5	45.8	23.3	1,016	582	434	29.8	41.0	22.2
1998	1,283	730	553	34.2	45.8	26.0	986	599	387	26.9	38.3	18.8
1999	1,303	714	589	32.3	41.6	25.5	998	596	402	26.2	37.4	18.3
2000	1,279	742	537	30.6	42.8	22.1	1,046	611	435	26.1	36.5	18.8
2001	1,339	731	608	30.4	39.7	23.9	1,132	651	481	26.5	36.6	19.5
2002	1,453	828	625	31.4	42.9	23.4	1,114	624	490	25.0	34.2	18.8
2003	1,516	851	665	30.9	41.3	23.6	1,154	654	500	24.4	33.1	18.4
2004	1,602	844	758	31.9	40.4	26.0	1,248	729	519	25.7	36.3	18.4
2005	1,647	947	700	30.7	42.5	22.6	1,272	714	558	24.8	32.8	19.1
2006	1,657	887	770	29.5	38.1	23.6	1,210	690	520	22.6	30.8	16.9
2007	1,675	935	740	28.9	38.4	22.3	1,231	697	534	22.1	30.4	16.5
2008	1,772	957	815	29.0	37.5	23.1	1,341	763	578	22.9	31.5	17.0
2009	1,863	987	876	29.0	36.7	23.6	1,311	739	572	21.2	28.5	16.0
2010	1,834	932	902	27.8	33.4	23.9	1,368	751	617	21.0	27.2	16.5
2011	1,815	972	843	25.5	32.4	20.7	1,385	768	617	20.4	27.1	15.7
2012	1,787	886	901	24.3	28.6	21.3	1,375	735	640	18.8	24.0	15.2
2013	1,950	1,012	938	25.0	31.0	20.8	1,396	744	652	18.6	23.3	15.1
2014	1,958	1,024	934	24.2	30.0	20.1	1,468	790	678	18.6	24.0	14.9
2015	2,065	1,043	1,022	24.0	28.5	20.8	1,490	839	651	17.9	24.0	13.5
2016	2,166	1,103	1,063	24.3	29.1	20.9	1,362	741	621	15.8	20.3	12.6
2017	2,156	1,066	1,090	23.3	27.3	20.6	1,392	765	627	15.6	20.2	12.3

(Table Continues)

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NON-HISPANIC WHITE												
1988	13,211	7,458	5,753	73.3	96.6	57.7	10,657	6,345	4,312	59.0	83.3	42.5
1989	13,116	7,332	5,784	72.1	94.3	57.3	10,889	6,347	4,542	59.8	82.5	44.6
1990	13,457	7,549	5,908	73.0	95.3	58.0	11,047	6,479	4,568	60.0	83.1	44.4
1991	13,378	7,339	6,039	72.2	92.1	58.8	10,991	6,264	4,727	59.4	79.4	45.7
1992	13,479	7,272	6,207	72.0	90.0	59.7	10,894	6,075	4,819	58.2	75.8	45.9
1993	13,261	7,022	6,239	70.3	86.3	59.4	11,119	6,115	5,004	59.0	75.9	47.1
1994	13,322	7,104	6,218	70.6	86.8	59.4	11,068	6,111	4,957	58.5	75.3	46.8
1995	13,310	6,984	6,326	70.1	84.5	60.2	11,006	6,001	5,005	57.8	73.5	47.0
1996	13,226	6,821	6,405	69.1	81.9	60.4	10,863	5,888	4,975	56.5	71.3	46.2
1997	13,287	6,783	6,504	68.8	80.2	60.8	10,835	5,840	4,995	55.7	69.7	45.8
1998	13,123	6,755	6,368	67.3	78.7	59.0	10,660	5,733	4,927	54.4	67.2	45.0
1999	13,219	6,712	6,507	67.0	77.6	59.6	10,717	5,738	4,979	54.0	66.7	44.8
2000	13,085	6,637	6,448	65.9	76.2	58.7	10,615	5,589	5,026	53.0	64.6	44.7
2001	12,982	6,591	6,391	64.9	74.9	57.9	10,681	5,627	5,054	53.1	64.3	44.9
2002	12,883	6,302	6,581	63.8	70.9	59.0	10,583	5,590	4,993	52.1	63.2	44.0
2003	12,479	6,139	6,340	61.4	68.3	56.6	10,298	5,319	4,979	50.2	59.4	43.5
2004	12,493	6,146	6,347	61.3	68.0	56.5	10,000	5,136	4,864	48.6	56.9	42.4
2005	12,349	6,044	6,305	60.2	66.5	55.9	9,854	5,042	4,812	47.6	55.7	41.8
2006	12,451	6,110	6,341	60.7	66.9	56.2	9,694	4,997	4,697	46.9	55.0	40.8
2007	12,291	6,033	6,258	59.5	65.3	55.4	9,627	5,004	4,623	46.1	54.1	40.1
2008	12,022	5,927	6,095	57.1	62.9	52.9	9,450	4,809	4,641	44.5	51.1	39.5
2009	12,344	5,984	6,360	58.1	62.9	54.8	9,372	4,866	4,506	43.7	51.3	37.8
2010	11,742	5,735	6,007	54.6	59.0	51.2	9,124	4,670	4,454	42.0	48.2	37.2
2011	11,163	5,333	5,830	51.2	54.1	49.2	8,838	4,524	4,314	40.1	46.0	35.5
2012	11,236	5,384	5,852	50.7	53.5	48.9	8,693	4,379	4,314	38.7	43.5	35.0
2013	11,116	5,261	5,855	49.0	50.9	47.9	8,540	4,338	4,202	37.3	42.1	33.6
2014	11,324	5,375	5,949	49.0	50.9	47.7	8,213	4,152	4,061	35.2	39.5	31.9
2015	11,237	5,428	5,809	47.8	50.6	45.9	8,168	4,126	4,042	34.3	38.5	31.0
2016	11,044	5,341	5,703	46.3	48.8	44.5	7,809	3,906	3,903	32.6	36.1	29.8
2017	10,804	5,126	5,678	44.5	46.1	43.6	7,653	3,882	3,771	31.3	35.2	28.3

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Note: In situ cancers are excluded, unless specified.

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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.

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, Lung and Bronchus 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
ALL RACES												
00 - 04	10	4	6	0.1	0.1	0.1	1	0	1	0.0	0.0	0.0
05 - 09	4	1	3	0.0	0.0	0.0	1	0	1	0.0	0.0	0.0
10 - 14	6	1	5	0.0	0.0	0.1	3	2	1	0.0	0.0	0.0
15 - 19	18	9	9	0.1	0.1	0.1	5	3	2	0.0	0.1	0.0
20 - 24	44	20	24	0.3	0.3	0.3	11	8	3	0.1	0.1	0.0
25 - 29	75	38	37	0.5	0.5	0.5	37	22	15	0.3	0.3	0.2
30 - 34	135	63	72	1.0	0.9	1.0	49	28	21	0.4	0.4	0.3
35 - 39	281	119	162	2.1	1.8	2.5	136	74	62	1.0	1.1	1.0
40 - 44	523	244	279	4.1	3.8	4.4	258	124	134	2.0	1.9	2.1
45 - 49	1,294	606	688	10.0	9.4	10.6	675	342	333	5.2	5.3	5.1
50 - 54	3,203	1,494	1,709	24.5	23.1	25.9	1,934	990	944	14.8	15.3	14.3
55 - 59	6,460	3,200	3,260	52.1	52.8	51.5	4,019	2,194	1,825	32.4	36.2	28.8
60 - 64	9,562	4,998	4,564	90.3	98.6	82.7	6,117	3,422	2,695	57.8	67.5	48.8
65 - 69	13,368	6,713	6,655	155.3	165.8	146.0	8,512	4,718	3,794	98.9	116.6	83.2
70 - 74	14,582	7,348	7,234	238.0	261.7	217.9	9,600	5,203	4,397	156.7	185.3	132.5
75 - 79	13,524	6,657	6,867	310.9	344.7	283.9	9,717	5,054	4,663	223.4	261.7	192.8
80 - 84	10,978	5,304	5,674	348.8	398.5	312.4	8,856	4,430	4,426	281.4	332.8	243.7
85 +	10,060	4,660	5,400	286.3	365.4	241.2	10,321	4,858	5,463	293.7	380.9	244.0
Total/Crude	84,127	41,479	42,648	43.2	42.8	43.5	60,252	31,472	28,780	30.9	32.5	29.3
ASIAN/PACIFIC ISLANDER												
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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	2	0	2	0.1	0.0	0.2	1	0	1	0.1	0.0	0.1
20 - 24	8	4	4	0.4	0.4	0.4	1	0	1	0.1	0.0	0.1
25 - 29	17	7	10	0.7	0.6	0.8	9	5	4	0.4	0.4	0.3
30 - 34	30	13	17	1.3	1.2	1.4	13	5	8	0.6	0.4	0.7
35 - 39	72	24	48	3.2	2.3	4.0	28	13	15	1.3	1.3	1.3
40 - 44	149	68	81	6.6	6.5	6.6	70	32	38	3.1	3.1	3.1
45 - 49	297	140	157	14.0	14.3	13.8	143	82	61	6.8	8.4	5.4
50 - 54	559	280	279	27.5	29.8	25.5	306	175	131	15.0	18.6	12.0
55 - 59	921	485	436	48.0	55.7	41.6	543	315	228	28.3	36.2	21.8
60 - 64	1,338	754	584	79.1	99.7	62.5	767	461	306	45.4	60.9	32.8
65 - 69	1,772	1,015	757	130.5	168.2	100.4	1,059	654	405	78.0	108.4	53.7
70 - 74	1,674	975	699	179.2	235.3	134.4	1,043	631	412	111.6	152.3	79.2
75 - 79	1,616	925	691	231.8	305.9	175.0	1,127	682	445	161.7	225.5	112.7
80 - 84	1,396	760	636	281.0	372.8	217.1	1,161	652	509	233.7	319.8	173.7
85 +	1,373	714	659	268.2	375.9	204.6	1,341	708	633	261.9	372.7	196.6
Total/Crude	11,225	6,164	5,061	38.2	44.1	32.8	7,612	4,415	3,197	25.9	31.6	20.7

(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, Lung and Bronchus 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
NON-HISPANIC BLACK												
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	0.3	1	0	1	0.1	0.0	0.3
15 - 19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	2	1	1	0.2	0.2	0.2	0	0	0	0.0	0.0	0.0
25 - 29	5	4	1	0.5	0.8	0.2	2	1	1	0.2	0.2	0.2
30 - 34	12	6	6	1.4	1.4	1.5	5	4	1	0.6	0.9	0.2
35 - 39	20	14	6	2.6	3.6	1.6	12	8	4	1.6	2.1	1.1
40 - 44	42	19	23	5.6	5.1	6.2	28	9	19	3.8	2.4	5.1
45 - 49	133	46	87	16.3	11.3	21.3	79	33	46	9.7	8.1	11.3
50 - 54	379	180	199	43.6	42.0	45.2	249	117	132	28.7	27.3	30.0
55 - 59	749	358	391	92.0	90.2	93.6	517	287	230	63.5	72.4	55.1
60 - 64	978	527	451	152.2	174.0	132.7	676	390	286	105.2	128.8	84.2
65 - 69	1,055	542	513	218.7	249.6	193.4	788	443	345	163.4	204.0	130.1
70 - 74	963	518	445	290.3	361.1	236.3	706	405	301	212.8	282.4	159.8
75 - 79	864	418	446	354.6	405.5	317.3	651	348	303	267.2	337.6	215.5
80 - 84	565	279	286	351.9	437.6	295.4	485	248	237	302.1	389.0	244.8
85 +	437	196	241	281.9	390.2	229.9	450	209	241	290.3	416.1	230.0
Total/Crude	6,205	3,108	3,097	51.3	51.8	50.7	4,649	2,502	2,147	38.4	41.7	35.2
HISPANIC												
00 - 04	5	3	2	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
05 - 09	3	1	2	0.0	0.0	0.1	1	0	1	0.0	0.0	0.0
10 - 14	1	1	0	0.0	0.0	0.0	2	2	0	0.0	0.1	0.0
15 - 19	8	3	5	0.1	0.1	0.2	3	2	1	0.1	0.1	0.0
20 - 24	19	8	11	0.3	0.2	0.3	7	6	1	0.1	0.2	0.0
25 - 29	23	10	13	0.4	0.3	0.4	10	5	5	0.2	0.2	0.2
30 - 34	38	16	22	0.7	0.5	0.8	20	10	10	0.3	0.3	0.4
35 - 39	89	36	53	1.6	1.3	2.0	51	23	28	0.9	0.8	1.0
40 - 44	126	50	76	2.4	1.9	2.9	62	32	30	1.2	1.2	1.2
45 - 49	275	133	142	5.7	5.5	6.0	153	75	78	3.2	3.1	3.3
50 - 54	517	228	289	12.5	11.0	14.0	297	159	138	7.2	7.7	6.7
55 - 59	879	432	447	26.1	26.3	26.0	532	288	244	15.8	17.5	14.2
60 - 64	1,161	577	584	46.2	48.4	44.2	693	379	314	27.6	31.8	23.8
65 - 69	1,472	755	717	82.7	92.1	74.7	900	506	394	50.6	61.8	41.1
70 - 74	1,648	881	767	137.6	168.1	113.9	1,040	616	424	86.9	117.5	63.0
75 - 79	1,533	839	694	183.7	239.0	143.5	1,080	621	459	129.4	176.9	94.9
80 - 84	1,335	688	647	229.8	293.8	186.6	1,032	543	489	177.7	231.9	141.0
85 +	1,163	587	576	202.3	278.0	158.4	1,225	612	613	213.1	289.8	168.6
Total/Crude	10,295	5,248	5,047	13.6	13.8	13.4	7,108	3,879	3,229	9.4	10.2	8.6

(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, Lung and Bronchus 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
NON-HISPANIC WHITE												
00 - 04	5	1	4	0.1	0.1	0.2	1	0	1	0.0	0.0	0.1
05 - 09	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	3	0	3	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
15 - 19	8	6	2	0.2	0.3	0.1	1	1	0	0.0	0.1	0.0
20 - 24	15	7	8	0.3	0.3	0.4	3	2	1	0.1	0.1	0.1
25 - 29	30	17	13	0.6	0.6	0.5	16	11	5	0.3	0.4	0.2
30 - 34	55	28	27	1.1	1.1	1.1	11	9	2	0.2	0.3	0.1
35 - 39	96	43	53	2.1	1.8	2.4	44	29	15	1.0	1.2	0.7
40 - 44	194	101	93	4.3	4.3	4.2	97	50	47	2.1	2.1	2.1
45 - 49	569	277	292	11.0	10.5	11.5	294	151	143	5.7	5.8	5.6
50 - 54	1,704	781	923	28.7	26.1	31.4	1,057	527	530	17.8	17.6	18.0
55 - 59	3,827	1,890	1,937	61.6	60.8	62.4	2,380	1,272	1,108	38.3	40.9	35.7
60 - 64	5,939	3,076	2,863	104.6	110.3	99.0	3,912	2,155	1,757	68.9	77.3	60.8
65 - 69	8,925	4,330	4,595	180.8	181.6	180.0	5,675	3,062	2,613	115.0	128.4	102.4
70 - 74	10,147	4,891	5,256	279.6	286.0	273.8	6,722	3,501	3,221	185.2	204.8	167.8
75 - 79	9,396	4,420	4,976	368.1	379.4	358.5	6,788	3,370	3,418	265.9	289.3	246.3
80 - 84	7,587	3,530	4,057	400.3	428.7	378.4	6,117	2,957	3,160	322.7	359.2	294.7
85 +	7,025	3,133	3,892	311.0	382.4	270.3	7,265	3,307	3,958	321.6	403.7	274.9
Total/Crude	55,525	26,531	28,994	72.3	69.2	75.3	40,383	20,404	19,979	52.6	53.2	51.9

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, Lung and Bronchus Cancer

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.00	0.00	0.01	5.32	0.00	0.00	0.01	5.22
25	0.01	0.04	0.20	5.42	0.01	0.04	0.22	5.28
35	0.03	0.19	0.86	5.47	0.03	0.22	0.83	5.30
45	0.17	0.84	2.43	5.54	0.18	0.80	2.27	5.31
55	0.70	2.36	4.41	5.60	0.63	2.14	4.08	5.26
65	1.82	4.08	-	5.39	1.60	3.66	-	4.90
	Lifetime Risk of Being Diagnosed = 5.32%				Lifetime Risk of Being Diagnosed = 5.22%			
	Lifetime Risk of Dying of Cancer = 4.58%				Lifetime Risk of Dying of Cancer = 4.04%			
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.01	6.83	0.00	0.00	0.01	4.80
25	0.01	0.05	0.27	6.93	0.01	0.07	0.25	4.84
35	0.05	0.26	0.98	6.97	0.05	0.24	0.73	4.84
45	0.22	0.95	2.61	7.00	0.19	0.68	1.71	4.82
55	0.75	2.45	4.73	6.95	0.49	1.54	3.02	4.70
65	1.81	4.23	-	6.58	1.08	2.61	-	4.35
	Lifetime Risk of Being Diagnosed = 6.83%				Lifetime Risk of Being Diagnosed = 4.80%			
	Lifetime Risk of Dying of Cancer = 5.72%				Lifetime Risk of Dying of Cancer = 3.70%			
NON-HISPANIC BLACK								
0	0.00	0.00	0.01	5.39	0.00	0.00	0.00	5.17
25	0.01	0.06	0.31	5.58	0.01	0.05	0.38	5.27
35	0.05	0.31	1.37	5.69	0.05	0.37	1.33	5.31
45	0.27	1.37	3.28	5.84	0.33	1.31	2.88	5.38
55	1.17	3.22	5.01	5.96	1.02	2.68	4.39	5.30
65	2.42	4.53	-	5.65	1.85	3.75	-	4.76
	Lifetime Risk of Being Diagnosed = 5.39%				Lifetime Risk of Being Diagnosed = 5.17%			
	Lifetime Risk of Dying of Cancer = 4.84%				Lifetime Risk of Dying of Cancer = 4.02%			
HISPANIC								
0	0.00	0.00	0.00	3.91	0.00	0.00	0.01	3.19
25	0.00	0.02	0.10	3.98	0.01	0.03	0.13	3.22
35	0.02	0.10	0.44	4.02	0.02	0.12	0.45	3.23
45	0.08	0.43	1.42	4.07	0.10	0.43	1.20	3.23
55	0.35	1.39	2.93	4.14	0.33	1.13	2.25	3.20
65	1.13	2.80	-	4.12	0.83	2.01	-	3.01
	Lifetime Risk of Being Diagnosed = 3.91%				Lifetime Risk of Being Diagnosed = 3.19%			
	Lifetime Risk of Dying of Cancer = 3.38%				Lifetime Risk of Dying of Cancer = 2.51%			
NON-HISPANIC WHITE								
0	0.00	0.00	0.01	5.51	0.00	0.00	0.01	6.04
25	0.01	0.04	0.22	5.59	0.01	0.04	0.25	6.09
35	0.03	0.22	0.96	5.65	0.03	0.25	0.98	6.11
45	0.19	0.94	2.65	5.73	0.21	0.96	2.76	6.15
55	0.79	2.57	4.73	5.79	0.76	2.62	4.95	6.10
65	1.97	4.36	-	5.53	1.98	4.45	-	5.68
	Lifetime Risk of Being Diagnosed = 5.51%				Lifetime Risk of Being Diagnosed = 6.04%			
	Lifetime Risk of Dying of Cancer = 4.75%				Lifetime Risk of Dying of Cancer = 4.64%			

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.