

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, 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	15,937	9,182	6,755	67.0	90.2	50.8	12,813	7,766	5,047	54.1	77.7	37.8
1989	15,953	9,099	6,854	65.9	88.2	50.5	13,127	7,843	5,284	54.5	77.0	38.9
1990	16,513	9,430	7,083	66.9	89.5	51.3	13,275	7,912	5,363	54.2	76.6	38.9
1991	16,403	9,214	7,189	65.5	86.1	51.3	13,469	7,824	5,645	54.2	74.1	40.3
1992	16,656	9,225	7,431	65.3	84.3	52.0	13,364	7,624	5,740	52.7	70.5	40.1
1993	16,481	8,977	7,504	63.8	80.9	51.8	13,650	7,764	5,886	53.1	71.0	40.4
1994	16,432	8,991	7,441	62.8	79.9	50.8	13,682	7,752	5,930	52.6	70.0	40.4
1995	16,713	9,071	7,642	63.0	79.3	51.5	13,666	7,632	6,034	51.8	67.8	40.5
1996	16,656	8,885	7,771	61.8	76.4	51.5	13,579	7,590	5,989	50.6	66.2	39.5
1997	16,785	8,891	7,894	61.0	74.5	51.2	13,754	7,608	6,146	50.2	64.9	39.7
1998	16,854	8,916	7,938	60.1	73.0	50.7	13,498	7,484	6,014	48.3	62.0	38.2
1999	16,951	8,853	8,098	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	8,868	8,121	57.1	68.7	48.8	13,961	7,560	6,401	47.1	59.4	38.2
2002	16,933	8,619	8,314	55.8	65.4	49.0	13,728	7,424	6,304	45.4	57.1	37.0
2003	16,812	8,579	8,233	54.3	63.6	47.6	13,637	7,258	6,379	44.2	54.7	36.6
2004	16,911	8,553	8,358	53.8	62.4	47.6	13,401	7,150	6,251	42.8	52.7	35.4
2005	17,012	8,652	8,360	53.2	62.1	46.8	13,328	7,068	6,260	41.8	51.4	34.8
2006	17,112	8,665	8,447	52.7	61.0	46.6	13,168	7,041	6,127	40.8	50.3	33.7
2007	16,869	8,552	8,317	51.1	59.0	45.3	13,136	6,986	6,150	39.8	48.7	33.3
2008	16,732	8,497	8,235	49.3	57.0	43.6	13,040	6,888	6,152	38.5	46.8	32.4
2009	17,461	8,719	8,742	50.3	57.4	45.3	13,050	6,979	6,071	37.7	46.4	31.2
2010	16,728	8,383	8,345	47.0	53.3	42.2	12,880	6,781	6,099	36.2	43.5	30.7
2011	16,085	7,957	8,128	43.9	49.1	40.1	12,691	6,681	6,010	34.7	41.9	29.3
2012	16,273	8,036	8,237	43.3	48.2	39.8	12,463	6,496	5,967	33.2	39.4	28.5
2013	16,434	8,103	8,331	42.2	46.9	38.8	12,408	6,482	5,926	32.0	38.0	27.4
2014	16,721	8,213	8,508	41.7	45.9	38.6	12,231	6,363	5,868	30.6	36.2	26.5
2015	16,645	8,248	8,397	40.2	44.7	36.9	12,307	6,478	5,829	29.8	35.5	25.3
ASIAN/PACIFIC ISLANDER												
1988	624	408	216	43.4	61.8	28.0	473	316	157	34.8	50.1	21.7
1989	655	439	216	43.1	63.5	26.2	480	316	164	32.2	45.8	20.8
1990	731	467	264	44.6	63.1	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	594	349	41.1	58.4	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	1,094	678	416	42.4	58.8	29.6	771	483	288	30.2	42.6	20.5
1998	1,164	724	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	1,314	822	492	42.4	61.5	28.0	915	597	318	30.4	46.0	18.6
2001	1,376	819	557	42.1	58.4	29.9	1,020	619	401	32.3	45.3	22.5
2002	1,339	781	558	39.0	53.3	28.5	956	581	375	28.6	40.6	19.7
2003	1,471	884	587	40.6	56.6	28.7	1,095	653	442	31.0	43.3	22.0
2004	1,493	904	589	39.1	55.2	27.2	1,082	670	412	29.0	42.1	19.4
2005	1,582	911	671	39.9	54.3	29.4	1,098	686	412	28.2	41.9	18.4
2006	1,628	942	686	39.1	53.1	28.9	1,144	703	441	28.0	40.6	18.9
2007	1,621	931	690	37.4	50.4	27.8	1,176	688	488	27.6	38.2	20.0
2008	1,692	976	716	37.2	51.0	27.3	1,243	755	488	27.8	40.2	18.9
2009	1,842	1,012	830	38.7	50.2	30.4	1,290	763	527	27.7	38.8	19.8
2010	1,805	1,048	757	36.0	49.3	26.4	1,289	750	539	26.2	36.2	19.0
2011	1,863	1,023	840	35.3	45.6	27.8	1,380	808	572	26.6	36.7	19.2
2012	1,989	1,130	859	36.1	48.0	27.5	1,373	828	545	25.0	35.7	17.3
2013	2,077	1,178	899	35.6	47.4	27.0	1,440	845	595	25.0	34.8	17.9
2014	2,104	1,146	958	33.9	43.0	27.2	1,505	853	652	24.6	32.7	18.7
2015	2,272	1,255	1,017	34.8	44.7	27.4	1,576	937	639	24.3	33.9	17.3

(Table Continues)

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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.

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, Lung and Bronchus Cancer (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	1,037	661	376	78.1	117.9	49.9	926	643	283	70.5	115.7	38.3
1989	1,075	665	410	80.1	119.0	53.0	952	658	294	71.5	116.8	38.7
1990	1,196	722	474	86.9	123.8	60.9	962	614	348	70.9	107.8	45.1
1991	1,137	714	423	82.2	123.0	53.5	1,031	660	371	75.2	114.4	47.5
1992	1,152	703	449	80.7	116.7	55.3	1,034	647	387	73.2	108.9	48.0
1993	1,145	679	466	79.1	111.7	56.6	1,002	683	319	70.7	115.6	39.5
1994	1,098	621	477	75.2	100.4	57.7	997	619	378	69.9	106.6	45.9
1995	1,195	726	469	80.8	116.4	55.7	1,034	640	394	70.4	104.6	47.0
1996	1,192	705	487	79.2	113.0	56.7	996	635	361	67.0	102.2	42.5
1997	1,164	709	455	75.1	106.7	51.9	1,085	673	412	71.2	105.1	47.5
1998	1,207	674	533	76.3	100.3	59.3	1,015	618	397	65.2	93.7	44.7
1999	1,219	673	546	75.0	98.0	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	1,177	672	505	67.2	90.5	51.0	1,018	596	422	60.0	83.9	43.4
2003	1,266	666	600	71.6	88.2	60.1	1,024	600	424	59.7	82.5	43.4
2004	1,238	622	616	68.7	80.7	60.2	1,000	580	420	55.9	76.1	41.3
2005	1,328	704	624	72.7	90.1	60.3	1,030	581	449	58.0	78.6	43.8
2006	1,295	688	607	68.9	85.8	57.3	1,057	615	442	58.2	80.3	42.6
2007	1,196	603	593	63.0	74.5	55.3	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	1,317	686	631	65.4	80.6	55.5	1,009	574	435	51.8	69.7	39.1
2010	1,272	626	646	61.3	69.0	55.7	1,020	568	452	50.0	63.7	39.8
2011	1,184	602	582	55.5	66.3	48.4	994	525	469	47.9	60.5	39.3
2012	1,194	608	586	54.2	62.8	48.0	948	515	433	44.3	56.3	35.9
2013	1,196	600	596	52.4	61.3	46.6	943	506	437	42.5	52.6	35.0
2014	1,279	626	653	55.1	62.7	50.5	950	515	435	41.5	52.9	33.9
2015	1,231	611	620	51.3	59.4	45.8	973	521	452	41.0	51.3	33.8
HISPANIC												
1988	999	614	385	37.6	53.3	25.9	708	433	275	27.7	39.5	19.1
1989	1,039	626	413	37.7	53.7	26.2	768	498	270	28.7	43.4	17.9
1990	1,087	666	421	38.7	57.2	26.1	748	471	277	27.7	42.5	17.8
1991	1,080	630	450	36.5	51.4	26.4	833	487	346	29.1	40.8	21.0
1992	1,090	634	456	35.8	50.4	25.9	804	485	319	27.3	39.6	18.8
1993	1,153	674	479	36.6	51.1	26.5	840	513	327	28.0	41.8	18.6
1994	1,070	654	416	32.8	48.1	22.1	892	534	358	28.5	42.3	19.4
1995	1,210	727	483	36.0	52.0	25.0	905	549	356	28.2	40.8	19.4
1996	1,177	673	504	33.6	46.4	24.9	960	571	389	28.3	40.1	20.1
1997	1,204	695	509	33.5	46.4	24.7	1,016	582	434	29.8	41.0	22.2
1998	1,301	728	573	34.6	45.6	26.7	986	599	387	26.9	38.3	18.8
1999	1,321	713	608	32.8	41.6	26.4	998	596	402	26.2	37.4	18.3
2000	1,299	747	552	31.0	43.1	22.6	1,046	611	435	26.1	36.5	18.8
2001	1,361	732	629	30.8	39.7	24.7	1,132	651	481	26.5	36.6	19.5
2002	1,494	834	660	32.2	43.2	24.6	1,114	624	490	25.0	34.2	18.8
2003	1,538	858	680	31.4	41.5	24.2	1,154	654	500	24.4	33.1	18.4
2004	1,609	846	763	32.0	40.5	26.2	1,248	729	519	25.7	36.3	18.4
2005	1,648	945	703	30.8	42.4	22.7	1,272	714	558	24.8	32.8	19.1
2006	1,665	889	776	29.6	38.0	23.8	1,210	690	520	22.6	30.8	16.9
2007	1,678	933	745	29.0	38.4	22.5	1,231	697	534	22.1	30.4	16.5
2008	1,780	960	820	29.1	37.7	23.3	1,341	763	578	22.9	31.5	17.0
2009	1,885	993	892	29.3	36.9	24.1	1,311	739	572	21.2	28.5	16.0
2010	1,834	931	903	27.7	33.4	23.9	1,368	751	617	21.0	27.2	16.5
2011	1,825	972	853	25.5	32.2	20.9	1,385	768	617	20.3	26.9	15.6
2012	1,791	886	905	24.2	28.3	21.4	1,375	735	640	18.7	23.8	15.1
2013	1,953	1,015	938	24.9	30.8	20.7	1,396	744	652	18.4	23.1	15.0
2014	1,942	1,019	923	23.8	29.6	19.7	1,468	790	678	18.4	23.8	14.7
2015	2,017	1,018	999	23.1	27.5	20.2	1,490	839	651	17.7	23.7	13.4

(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 WHITE												
1988	13,207	7,456	5,751	73.3	96.6	57.7	10,657	6,345	4,312	59.0	83.3	42.5
1989	13,105	7,326	5,779	72.1	94.2	57.2	10,889	6,347	4,542	59.8	82.5	44.6
1990	13,445	7,544	5,901	73.0	95.2	57.9	11,047	6,479	4,568	60.0	83.1	44.4
1991	13,377	7,341	6,036	72.2	92.1	58.7	10,991	6,264	4,727	59.4	79.4	45.7
1992	13,475	7,269	6,206	72.0	90.0	59.7	10,894	6,075	4,819	58.2	75.8	45.9
1993	13,262	7,021	6,241	70.4	86.3	59.4	11,119	6,115	5,004	59.0	75.9	47.1
1994	13,307	7,101	6,206	70.5	86.7	59.3	11,068	6,111	4,957	58.5	75.3	46.8
1995	13,299	6,988	6,311	70.0	84.5	60.0	11,006	6,001	5,005	57.8	73.5	47.0
1996	13,206	6,818	6,388	69.0	81.9	60.2	10,863	5,888	4,975	56.5	71.3	46.2
1997	13,252	6,771	6,481	68.6	80.1	60.6	10,835	5,840	4,995	55.7	69.7	45.8
1998	13,103	6,756	6,347	67.2	78.7	58.8	10,660	5,733	4,927	54.4	67.2	45.0
1999	13,200	6,713	6,487	66.9	77.6	59.4	10,717	5,738	4,979	54.0	66.7	44.8
2000	13,066	6,633	6,433	65.8	76.2	58.5	10,615	5,589	5,026	53.0	64.6	44.7
2001	12,959	6,591	6,368	64.8	74.9	57.7	10,681	5,627	5,054	53.1	64.3	44.9
2002	12,843	6,296	6,547	63.6	70.8	58.6	10,583	5,590	4,993	52.1	63.2	44.0
2003	12,458	6,132	6,326	61.3	68.2	56.5	10,298	5,319	4,979	50.2	59.4	43.5
2004	12,482	6,142	6,340	61.2	68.0	56.4	10,000	5,136	4,864	48.6	56.9	42.4
2005	12,347	6,048	6,299	60.2	66.5	55.8	9,854	5,042	4,812	47.6	55.7	41.8
2006	12,436	6,106	6,330	60.6	66.8	56.1	9,694	4,997	4,697	46.9	55.0	40.8
2007	12,279	6,032	6,247	59.4	65.3	55.3	9,627	5,004	4,623	46.1	54.1	40.1
2008	12,007	5,921	6,086	57.1	62.8	52.8	9,450	4,809	4,641	44.5	51.1	39.5
2009	12,315	5,973	6,342	57.9	62.8	54.6	9,372	4,866	4,506	43.7	51.3	37.8
2010	11,697	5,719	5,978	54.3	58.9	50.9	9,124	4,670	4,454	41.9	48.2	37.2
2011	11,120	5,314	5,806	51.0	53.8	49.0	8,838	4,524	4,314	40.0	45.9	35.5
2012	11,170	5,356	5,814	50.4	53.2	48.6	8,693	4,379	4,314	38.7	43.5	35.1
2013	11,050	5,230	5,820	48.7	50.6	47.6	8,540	4,338	4,202	37.3	42.1	33.6
2014	11,247	5,348	5,899	48.7	50.7	47.3	8,213	4,152	4,061	35.2	39.5	31.9
2015	10,935	5,273	5,662	46.5	49.1	44.7	8,168	4,126	4,042	34.3	38.5	30.9

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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, 2011-2015, Lung and Bronchus Cancer

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	11	5	6	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
05 - 09	3	2	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	7	2	5	0.1	0.0	0.1	7	4	3	0.1	0.1	0.1
15 - 19	12	7	5	0.1	0.1	0.1	5	3	2	0.0	0.0	0.0
20 - 24	52	29	23	0.4	0.4	0.3	10	6	4	0.1	0.1	0.1
25 - 29	68	28	40	0.5	0.4	0.6	33	21	12	0.2	0.3	0.2
30 - 34	116	57	59	0.8	0.8	0.9	48	24	24	0.4	0.3	0.4
35 - 39	282	143	139	2.2	2.2	2.2	129	79	50	1.0	1.2	0.8
40 - 44	587	269	318	4.5	4.1	4.9	321	157	164	2.5	2.4	2.5
45 - 49	1,443	670	773	11.1	10.3	11.9	883	445	438	6.8	6.8	6.7
50 - 54	3,540	1,680	1,860	26.9	25.7	28.0	2,248	1,140	1,108	17.1	17.5	16.7
55 - 59	6,326	3,207	3,119	52.7	54.8	50.7	4,279	2,349	1,930	35.6	40.1	31.4
60 - 64	9,173	4,746	4,427	90.8	98.2	84.0	6,365	3,575	2,790	63.0	74.0	53.0
65 - 69	12,933	6,471	6,462	164.5	174.9	155.2	8,727	4,815	3,912	111.0	130.2	94.0
70 - 74	13,849	6,965	6,884	248.3	273.1	227.5	9,716	5,236	4,480	174.2	205.3	148.0
75 - 79	13,192	6,481	6,711	320.8	356.3	292.7	9,923	5,205	4,718	241.3	286.2	205.8
80 - 84	10,968	5,340	5,628	354.3	411.3	313.2	9,246	4,678	4,568	298.7	360.3	254.2
85 +	9,596	4,455	5,141	287.4	373.6	239.5	10,160	4,763	5,397	304.2	399.4	251.4
Total/Crude	82,158	40,557	41,601	42.2	46.9	38.8	62,100	32,500	29,600	32.3	34.1	30.6
ASIAN/PACIFIC ISLANDER												
00 - 04	1	0	1	0.1	0.0	0.1	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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	1	0	1	0.1	0.0	0.1	1	0	1	0.1	0.0	0.1
20 - 24	6	5	1	0.3	0.5	0.1	1	0	1	0.1	0.0	0.1
25 - 29	16	5	11	0.7	0.5	1.0	10	5	5	0.5	0.5	0.5
30 - 34	24	11	13	1.1	1.1	1.1	12	4	8	0.5	0.4	0.7
35 - 39	51	23	28	2.4	2.3	2.4	28	18	10	1.3	1.8	0.9
40 - 44	157	68	89	7.1	6.7	7.5	80	38	42	3.6	3.7	3.5
45 - 49	306	149	157	15.0	15.7	14.4	187	105	82	9.2	11.1	7.5
50 - 54	534	265	269	26.9	29.0	25.1	320	172	148	16.1	18.8	13.8
55 - 59	857	448	409	46.6	53.7	40.7	552	308	244	30.0	36.9	24.3
60 - 64	1,213	705	508	77.1	99.8	58.5	756	474	282	48.0	67.1	32.5
65 - 69	1,507	879	628	128.2	167.1	96.6	943	601	342	80.2	114.3	52.6
70 - 74	1,476	850	626	174.7	226.8	133.2	968	574	394	114.6	153.1	83.9
75 - 79	1,581	917	664	246.9	334.0	181.6	1,124	692	432	175.5	252.0	118.1
80 - 84	1,377	760	617	300.9	410.1	226.6	1,100	629	471	240.4	339.4	173.0
85 +	1,198	647	551	270.7	394.6	197.8	1,192	651	541	269.3	397.1	194.2
Total/Crude	10,305	5,732	4,573	35.1	45.7	27.4	7,274	4,271	3,003	25.9	32.1	20.4

(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, Lung and Bronchus Cancer (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	1	1	0	0.1	0.3	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	0.2	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	3	3	0	0.3	0.6	0.0	1	1	0	0.1	0.2	0.0
25 - 29	7	4	3	0.8	0.8	0.7	1	1	0	0.1	0.2	0.0
30 - 34	11	5	6	1.3	1.2	1.5	6	4	2	0.7	1.0	0.5
35 - 39	18	11	7	2.4	3.0	1.9	7	2	5	0.9	0.5	1.4
40 - 44	59	23	36	7.5	5.8	9.1	42	17	25	5.3	4.3	6.3
45 - 49	166	56	110	19.6	13.3	25.8	113	45	68	13.3	10.7	15.9
50 - 54	436	210	226	49.1	47.8	50.3	299	150	149	33.6	34.2	33.1
55 - 59	713	349	364	91.8	92.5	91.2	536	294	242	69.0	77.9	60.7
60 - 64	964	509	455	158.8	179.2	140.9	706	402	304	116.3	141.5	94.2
65 - 69	1,001	511	490	229.3	260.1	204.0	720	399	321	164.9	203.1	133.7
70 - 74	950	498	452	301.4	363.8	253.4	764	425	339	242.4	310.5	190.1
75 - 79	827	417	410	355.7	419.2	308.3	688	373	315	295.9	375.0	236.8
80 - 84	527	260	267	353.8	448.8	293.3	494	267	227	331.6	460.9	249.3
85 +	400	190	210	274.7	409.1	211.7	430	202	228	295.3	435.0	229.9
Total/Crude	6,084	3,047	3,037	53.7	62.4	47.8	4,808	2,582	2,226	40.0	43.4	36.6
HISPANIC												
00 - 04	2	2	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
05 - 09	3	2	1	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
10 - 14	1	1	0	0.0	0.0	0.0	4	3	1	0.1	0.1	0.0
15 - 19	5	3	2	0.1	0.1	0.1	3	2	1	0.1	0.1	0.0
20 - 24	22	10	12	0.3	0.3	0.4	5	4	1	0.1	0.1	0.0
25 - 29	18	6	12	0.3	0.2	0.4	9	5	4	0.2	0.2	0.1
30 - 34	34	19	15	0.6	0.6	0.5	20	10	10	0.4	0.3	0.4
35 - 39	95	44	51	1.8	1.6	1.9	44	26	18	0.8	1.0	0.7
40 - 44	125	53	72	2.4	2.0	2.8	84	41	43	1.6	1.6	1.7
45 - 49	278	137	141	6.0	5.8	6.2	181	85	96	3.9	3.6	4.2
50 - 54	499	237	262	12.7	12.1	13.3	317	175	142	8.1	8.9	7.2
55 - 59	813	400	413	26.1	26.5	25.8	545	292	253	17.5	19.3	15.8
60 - 64	1,042	513	529	46.0	47.9	44.3	726	383	343	32.1	35.8	28.7
65 - 69	1,423	732	691	90.2	101.5	80.6	928	509	419	58.8	70.6	48.9
70 - 74	1,517	819	698	140.2	174.0	114.2	1,046	598	448	96.7	127.0	73.3
75 - 79	1,430	784	646	183.5	239.7	142.9	1,055	633	422	135.4	193.5	93.4
80 - 84	1,212	647	565	219.3	290.9	171.0	1,035	551	484	187.2	247.7	146.5
85 +	1,009	501	508	201.1	272.3	159.8	1,112	559	553	221.6	303.8	174.0
Total/Crude	9,528	4,910	4,618	24.2	29.6	20.5	7,114	3,876	3,238	9.7	10.4	8.8

(Table Continues)

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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, Lung and Bronchus Cancer (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	7	2	5	0.2	0.1	0.3	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	4	1	3	0.1	0.1	0.2	2	1	1	0.1	0.1	0.1
15 - 19	6	4	2	0.1	0.2	0.1	1	1	0	0.0	0.1	0.0
20 - 24	21	11	10	0.4	0.4	0.4	3	1	2	0.1	0.0	0.1
25 - 29	26	13	13	0.5	0.5	0.5	13	10	3	0.3	0.4	0.1
30 - 34	45	21	24	0.9	0.8	1.0	10	6	4	0.2	0.2	0.2
35 - 39	116	64	52	2.6	2.8	2.4	49	32	17	1.1	1.4	0.8
40 - 44	235	121	114	4.8	4.8	4.8	113	60	53	2.3	2.4	2.2
45 - 49	676	322	354	12.4	11.6	13.2	393	206	187	7.2	7.4	7.0
50 - 54	2,034	947	1,087	32.3	29.8	34.9	1,288	630	658	20.5	19.9	21.1
55 - 59	3,873	1,976	1,897	62.4	63.8	60.9	2,607	1,428	1,179	42.0	46.1	37.9
60 - 64	5,856	2,977	2,879	104.7	108.6	101.0	4,133	2,293	1,840	73.9	83.6	64.6
65 - 69	8,865	4,285	4,580	191.7	191.8	191.6	6,047	3,255	2,792	130.8	145.7	116.8
70 - 74	9,782	4,731	5,051	296.0	304.5	288.5	6,858	3,591	3,267	207.5	231.1	186.6
75 - 79	9,268	4,327	4,941	379.8	390.3	371.1	6,984	3,473	3,511	286.2	313.3	263.7
80 - 84	7,771	3,631	4,140	404.0	438.9	377.7	6,566	3,201	3,365	341.4	386.9	307.0
85 +	6,937	3,088	3,849	310.0	389.0	266.6	7,385	3,331	4,054	330.0	419.6	280.8
Total/Crude	55,522	26,521	29,001	49.0	51.4	47.4	42,452	21,519	20,933	55.0	55.9	54.1

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. Excludes cases reported by the Department of Veterans Affairs.

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	0.00	5.51	0.00	0.00	0.01	5.33
25	0.01	0.04	0.22	5.61	0.01	0.04	0.24	5.39
35	0.03	0.21	0.89	5.66	0.04	0.23	0.86	5.40
45	0.18	0.87	2.53	5.73	0.20	0.83	2.37	5.42
55	0.72	2.45	4.58	5.78	0.65	2.23	4.20	5.36
65	1.90	4.24	-	5.57	1.68	3.77	-	4.99
Lifetime Risk of Being Diagnosed = 5.51%				Lifetime Risk of Being Diagnosed = 5.33%				
Lifetime Risk of Dying of Cancer = 4.95%				Lifetime Risk of Dying of Cancer = 4.29%				
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.01	7.01	0.00	0.00	0.01	4.74
25	0.01	0.06	0.28	7.11	0.01	0.06	0.25	4.79
35	0.05	0.27	0.99	7.15	0.05	0.24	0.71	4.79
45	0.22	0.95	2.59	7.17	0.19	0.66	1.67	4.77
55	0.75	2.42	4.88	7.13	0.48	1.51	3.04	4.65
65	1.78	4.39	-	6.77	1.07	2.65	-	4.32
Lifetime Risk of Being Diagnosed = 7.01%				Lifetime Risk of Being Diagnosed = 4.74%				
Lifetime Risk of Dying of Cancer = 6.02%				Lifetime Risk of Dying of Cancer = 3.73%				
NON-HISPANIC BLACK								
0	0.00	0.00	0.01	5.64	0.00	0.00	0.00	5.27
25	0.01	0.06	0.34	5.85	0.01	0.07	0.43	5.37
35	0.05	0.34	1.42	5.96	0.06	0.43	1.41	5.41
45	0.30	1.42	3.40	6.11	0.37	1.37	3.05	5.47
55	1.20	3.31	5.21	6.21	1.05	2.81	4.51	5.35
65	2.49	4.73	-	5.91	1.96	3.85	-	4.79
Lifetime Risk of Being Diagnosed = 5.64%				Lifetime Risk of Being Diagnosed = 5.27%				
Lifetime Risk of Dying of Cancer = 5.33%				Lifetime Risk of Dying of Cancer = 4.31%				
HISPANIC								
0	0.00	0.00	0.00	3.97	0.00	0.00	0.00	3.14
25	0.00	0.02	0.11	4.03	0.01	0.03	0.13	3.17
35	0.02	0.11	0.45	4.07	0.02	0.12	0.45	3.18
45	0.09	0.44	1.49	4.12	0.10	0.43	1.23	3.18
55	0.36	1.45	2.99	4.18	0.34	1.16	2.23	3.15
65	1.19	2.87	-	4.15	0.86	1.99	-	2.96
Lifetime Risk of Being Diagnosed = 3.97%				Lifetime Risk of Being Diagnosed = 3.14%				
Lifetime Risk of Dying of Cancer = 3.65%				Lifetime Risk of Dying of Cancer = 2.62%				
NON-HISPANIC WHITE								
0	0.00	0.00	0.01	5.73	0.00	0.00	0.01	6.20
25	0.01	0.05	0.25	5.81	0.01	0.05	0.28	6.26
35	0.04	0.25	1.00	5.88	0.04	0.27	1.02	6.28
45	0.21	0.98	2.78	5.95	0.24	0.99	2.89	6.32
55	0.80	2.69	4.92	6.00	0.78	2.73	5.10	6.25
65	2.09	4.55	-	5.75	2.08	4.60	-	5.82
Lifetime Risk of Being Diagnosed = 5.73%				Lifetime Risk of Being Diagnosed = 6.20%				
Lifetime Risk of Dying of Cancer = 5.14%				Lifetime Risk of Dying of Cancer = 4.95%				

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