

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, Liver 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	750	520	230	3.2	5.0	1.7	783	525	258	3.3	5.1	1.9
1989	747	502	245	3.1	4.7	1.8	738	484	254	3.1	4.7	1.9
1990	885	605	280	3.5	5.4	2.0	816	527	289	3.3	4.9	2.1
1991	929	629	300	3.7	5.6	2.1	905	595	310	3.6	5.4	2.2
1992	1,034	704	330	4.0	6.3	2.3	959	646	313	3.8	5.8	2.2
1993	1,061	712	349	4.1	6.1	2.4	976	640	336	3.8	5.6	2.3
1994	1,104	779	325	4.1	6.6	2.2	1,015	698	317	3.9	6.1	2.2
1995	1,224	836	388	4.6	7.0	2.6	1,075	709	366	4.0	6.1	2.4
1996	1,321	876	445	4.9	7.2	2.9	1,114	745	369	4.1	6.3	2.4
1997	1,373	950	423	4.9	7.5	2.7	1,256	827	429	4.5	6.8	2.8
1998	1,569	1,103	466	5.5	8.5	3.0	1,267	857	410	4.5	6.7	2.6
1999	1,656	1,131	525	5.7	8.4	3.3	1,276	870	406	4.4	6.6	2.5
2000	1,719	1,212	507	5.7	8.9	3.1	1,404	969	435	4.7	7.3	2.6
2001	1,954	1,376	578	6.4	9.9	3.5	1,414	952	462	4.7	7.0	2.8
2002	2,000	1,331	669	6.4	9.2	3.9	1,512	996	516	4.9	7.1	3.0
2003	2,103	1,517	586	6.5	10.2	3.4	1,611	1,092	519	5.1	7.6	3.0
2004	2,254	1,629	625	6.9	10.6	3.6	1,567	1,102	465	4.9	7.5	2.6
2005	2,521	1,779	742	7.5	11.3	4.1	1,730	1,197	533	5.2	7.9	3.0
2006	2,605	1,875	730	7.6	11.6	4.0	1,710	1,172	538	5.1	7.6	3.0
2007	2,739	2,003	736	7.8	12.2	3.9	1,827	1,292	535	5.3	8.1	2.9
2008	2,830	2,055	775	7.9	12.2	4.1	1,897	1,339	558	5.4	8.2	2.9
2009	3,142	2,274	868	8.5	13.1	4.4	2,014	1,431	583	5.5	8.5	3.0
2010	3,180	2,315	865	8.3	12.9	4.3	2,091	1,530	561	5.6	8.7	2.8
2011	3,300	2,391	909	8.4	12.8	4.4	2,222	1,570	652	5.8	8.8	3.2
2012	3,357	2,433	924	8.3	12.8	4.3	2,445	1,748	697	6.1	9.4	3.2
2013	3,587	2,590	997	8.6	13.2	4.6	2,498	1,812	686	6.1	9.5	3.1
2014	3,879	2,786	1,093	9.0	13.6	4.8	2,451	1,711	740	5.8	8.7	3.2
2015	3,697	2,695	1,002	8.3	12.8	4.3	2,588	1,850	738	6.0	9.2	3.2
ASIAN/PACIFIC ISLANDER												
1988	194	153	41	11.7	19.6	5.0	160	129	31	9.6	16.4	3.8
1989	184	134	50	10.9	17.2	5.8	157	116	41	9.4	14.7	5.1
1990	229	173	56	12.1	19.2	6.1	189	142	47	10.4	16.5	5.3
1991	270	198	72	13.3	21.2	6.7	206	147	59	10.3	15.7	5.7
1992	294	216	78	14.7	23.0	7.8	213	156	57	10.6	16.4	5.8
1993	292	193	99	13.1	18.7	8.5	245	166	79	11.4	16.2	7.3
1994	318	228	90	13.2	20.8	6.9	260	184	76	11.3	17.6	6.2
1995	361	256	105	14.4	22.6	7.8	250	173	77	10.5	16.1	6.0
1996	376	266	110	14.1	22.1	7.6	271	193	78	10.4	16.3	5.6
1997	402	282	120	13.9	21.7	7.6	314	212	102	11.3	16.8	6.8
1998	444	329	115	14.8	24.2	7.2	306	217	89	10.3	15.9	5.7
1999	491	344	147	15.4	23.5	8.7	331	231	100	10.6	16.2	6.1
2000	445	317	128	13.3	21.0	7.1	347	237	110	10.6	16.0	6.2
2001	543	385	158	15.6	24.7	8.4	348	240	108	10.1	15.8	5.7
2002	576	395	181	15.7	23.6	9.2	371	263	108	10.2	16.0	5.6
2003	547	381	166	14.2	21.9	8.0	393	256	137	10.6	15.1	6.9
2004	622	451	171	15.5	25.0	7.9	391	278	113	10.1	16.0	5.4
2005	669	456	213	15.7	23.3	9.4	400	262	138	9.9	14.2	6.3
2006	638	455	183	14.5	22.7	7.9	397	276	121	9.2	14.1	5.2
2007	737	536	201	16.0	25.9	8.1	419	306	113	9.4	15.4	4.7
2008	686	465	221	14.5	21.7	8.7	441	302	139	9.6	14.5	5.6
2009	720	520	200	14.4	23.2	7.4	431	312	119	8.9	14.5	4.5
2010	748	512	236	14.2	21.7	8.3	473	325	148	9.3	14.4	5.4
2011	744	544	200	13.4	21.8	6.6	494	348	146	9.1	14.4	5.0
2012	706	494	212	12.2	19.3	6.6	492	338	154	8.7	13.5	4.9
2013	733	513	220	12.1	18.9	6.7	486	334	152	8.2	12.7	4.7
2014	823	579	244	12.8	20.1	6.9	516	345	171	8.2	12.5	4.9
2015	784	560	224	11.7	18.7	6.0	507	371	136	7.7	12.8	3.7

(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.

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, Liver 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	49	31	18	3.8	5.3	2.6	66	42	24	4.9	6.7	3.4
1989	64	46	18	4.7	7.9	2.4	71	48	23	5.4	8.5	3.1
1990	53	26	27	3.7	3.8	3.4	53	24	29	3.8	3.7	3.7
1991	60	39	21	4.3	6.4	2.7	75	50	25	5.5	8.6	3.2
1992	73	45	28	5.0	7.0	3.4	73	51	22	5.1	8.4	2.6
1993	72	52	20	4.7	7.5	2.4	67	39	28	4.6	6.1	3.3
1994	72	54	18	4.7	7.9	2.2	80	57	23	5.3	8.2	2.9
1995	90	60	30	5.8	8.6	3.6	86	58	28	5.6	8.6	3.3
1996	91	58	33	5.8	8.8	3.7	78	58	20	5.2	9.2	2.4
1997	90	59	31	5.6	8.0	3.5	92	61	31	5.7	8.6	3.4
1998	107	78	29	6.2	9.9	3.1	93	70	23	5.7	9.7	2.5
1999	118	86	32	6.9	11.2	3.5	101	69	32	6.1	8.8	3.6
2000	119	92	27	6.7	11.7	2.9	103	83	20	5.9	10.7	2.1
2001	148	107	41	8.2	13.2	4.2	134	83	51	7.6	10.1	5.4
2002	143	99	44	7.8	12.0	4.4	110	77	33	6.1	9.5	3.3
2003	147	109	38	7.7	13.0	3.7	129	87	42	7.1	11.1	4.1
2004	173	124	49	8.7	13.4	4.8	119	86	33	6.3	9.8	3.3
2005	182	125	57	9.2	14.1	5.3	144	103	41	7.4	11.4	4.0
2006	178	127	51	8.3	12.7	4.5	144	104	40	7.1	11.6	3.5
2007	206	157	49	9.7	16.4	4.3	134	96	38	6.8	11.1	3.5
2008	182	135	47	8.3	13.2	4.2	146	112	34	6.8	11.4	3.1
2009	238	167	71	10.0	15.2	5.7	174	122	52	7.9	11.9	4.5
2010	237	170	67	9.9	15.5	5.3	169	136	33	7.3	12.7	2.9
2011	237	154	83	9.7	13.5	6.4	162	101	61	6.9	9.4	4.9
2012	264	196	68	10.2	16.2	5.0	193	139	54	8.0	12.5	4.2
2013	267	198	69	10.5	16.9	5.2	213	164	49	8.5	14.2	3.8
2014	263	192	71	9.8	15.8	4.9	194	144	50	7.3	12.0	3.5
2015	295	218	77	10.8	17.5	5.3	189	142	47	7.4	12.3	3.4
HISPANIC												
1988	140	92	48	4.9	6.7	3.3	124	78	46	4.6	6.3	3.3
1989	128	83	45	4.2	5.7	2.9	111	67	44	4.0	4.8	3.1
1990	176	116	60	5.6	8.1	3.7	142	87	55	4.9	6.5	3.6
1991	164	110	54	5.0	7.5	2.9	161	105	56	4.9	7.2	3.2
1992	186	118	68	5.8	8.3	3.8	149	93	56	4.9	7.2	3.2
1993	195	137	58	5.6	8.9	3.0	162	104	58	4.9	7.2	3.1
1994	209	155	54	5.6	9.2	2.7	163	119	44	4.9	7.9	2.5
1995	254	167	87	6.9	10.0	4.5	206	133	73	5.8	8.5	3.8
1996	264	171	93	6.7	9.7	4.4	204	130	74	5.3	7.7	3.5
1997	291	200	91	7.1	10.7	4.1	240	163	77	6.3	9.5	3.9
1998	346	241	105	8.0	12.2	4.7	270	183	87	6.6	9.5	4.1
1999	388	263	125	8.5	12.3	5.3	274	184	90	6.4	9.3	4.1
2000	420	288	132	8.8	13.3	5.2	310	208	102	7.0	10.5	4.3
2001	463	332	131	9.2	14.3	5.0	314	212	102	6.7	10.2	4.1
2002	499	326	173	9.4	12.9	6.4	352	228	124	7.1	10.1	4.7
2003	496	360	136	8.4	12.6	4.7	392	263	129	7.4	10.5	4.8
2004	565	395	170	9.4	13.8	5.6	370	246	124	6.6	9.5	4.3
2005	664	483	181	10.5	16.1	5.8	442	310	132	7.3	10.9	4.3
2006	730	513	217	11.0	16.5	6.5	433	295	138	7.1	10.2	4.4
2007	749	546	203	10.6	16.4	5.7	468	315	153	7.3	10.5	4.6
2008	768	539	229	10.5	15.6	6.2	499	336	163	7.5	10.8	4.8
2009	897	641	256	11.8	18.2	6.5	562	389	173	7.9	11.7	4.8
2010	944	697	247	11.6	18.4	6.0	592	433	159	7.8	12.2	4.1
2011	1,012	711	301	12.0	17.7	7.2	647	462	185	8.3	12.6	4.8
2012	990	707	283	11.3	17.0	6.5	714	495	219	8.7	12.8	5.3
2013	1,107	768	339	12.0	17.6	7.3	732	520	212	8.4	12.9	4.8
2014	1,223	862	361	12.5	18.4	7.4	740	513	227	8.2	12.2	4.9
2015	1,191	840	351	11.6	17.3	6.7	796	545	251	8.4	12.4	5.1

(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. 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, Liver 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 WHITE												
1988	362	240	122	2.1	3.3	1.2	429	273	156	2.4	3.7	1.5
1989	369	237	132	2.1	3.1	1.3	396	251	145	2.3	3.4	1.4
1990	420	287	133	2.3	3.6	1.3	429	274	155	2.3	3.5	1.5
1991	428	277	151	2.3	3.5	1.5	458	291	167	2.5	3.7	1.6
1992	474	322	152	2.6	4.0	1.5	519	343	176	2.8	4.3	1.6
1993	497	327	170	2.7	4.0	1.6	498	327	171	2.7	4.0	1.6
1994	498	335	163	2.7	4.1	1.6	510	337	173	2.7	4.2	1.6
1995	515	350	165	2.8	4.3	1.6	530	343	187	2.8	4.2	1.7
1996	586	377	209	3.1	4.5	2.0	556	361	195	2.9	4.4	1.7
1997	584	406	178	3.1	4.8	1.6	606	388	218	3.1	4.7	2.0
1998	658	446	212	3.4	5.2	1.9	594	383	211	3.1	4.5	1.9
1999	642	424	218	3.3	4.8	2.0	564	383	181	2.9	4.4	1.6
2000	718	503	215	3.7	5.7	2.0	627	431	196	3.2	4.9	1.7
2001	777	536	241	3.9	6.0	2.2	609	411	198	3.1	4.6	1.7
2002	760	495	265	3.8	5.4	2.4	671	422	249	3.3	4.7	2.2
2003	885	644	241	4.4	6.9	2.2	684	476	208	3.3	5.2	1.8
2004	868	641	227	4.3	6.7	2.0	671	479	192	3.3	5.2	1.6
2005	985	702	283	4.8	7.3	2.6	728	509	219	3.5	5.4	1.9
2006	1,039	764	275	5.0	7.7	2.5	715	487	228	3.4	5.1	2.0
2007	1,014	735	279	4.8	7.4	2.5	789	563	226	3.7	5.7	1.9
2008	1,155	885	270	5.4	8.8	2.3	789	575	214	3.7	5.7	1.8
2009	1,245	917	328	5.8	8.9	2.9	825	592	233	3.8	5.9	1.9
2010	1,220	911	309	5.5	8.7	2.7	827	613	214	3.7	5.8	1.8
2011	1,264	951	313	5.6	8.8	2.6	890	638	252	3.9	6.1	2.0
2012	1,355	1,008	347	5.9	9.2	2.9	1,011	759	252	4.3	6.9	1.9
2013	1,431	1,070	361	6.1	9.5	3.0	1,035	772	263	4.4	7.0	2.1
2014	1,498	1,103	395	6.2	9.6	3.1	975	693	282	4.1	6.2	2.2
2015	1,359	1,024	335	5.5	8.6	2.7	1,040	758	282	4.2	6.5	2.2

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.

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, Liver 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	112	65	47	0.9	1.0	0.8	14	8	6	0.1	0.1	0.1
05 - 09	16	8	8	0.1	0.1	0.1	2	2	0	0.0	0.0	0.0
10 - 14	11	9	2	0.1	0.1	0.0	3	3	0	0.0	0.1	0.0
15 - 19	13	7	6	0.1	0.1	0.1	6	3	3	0.0	0.0	0.1
20 - 24	26	13	13	0.2	0.2	0.2	9	4	5	0.1	0.1	0.1
25 - 29	32	23	9	0.2	0.3	0.1	15	12	3	0.1	0.2	0.0
30 - 34	52	39	13	0.4	0.6	0.2	28	21	7	0.2	0.3	0.1
35 - 39	79	53	26	0.6	0.8	0.4	48	35	13	0.4	0.6	0.2
40 - 44	202	156	46	1.5	2.4	0.7	103	87	16	0.8	1.3	0.2
45 - 49	594	492	102	4.6	7.5	1.6	278	218	60	2.1	3.3	0.9
50 - 54	1,613	1,300	313	12.2	19.9	4.7	855	712	143	6.5	10.9	2.2
55 - 59	3,086	2,480	606	25.7	42.3	9.8	1,785	1,445	340	14.9	24.7	5.5
60 - 64	3,461	2,721	740	34.3	56.3	14.0	2,151	1,724	427	21.3	35.7	8.1
65 - 69	2,743	2,004	739	34.9	54.2	17.8	1,720	1,290	430	21.9	34.9	10.3
70 - 74	1,984	1,313	671	35.6	51.5	22.2	1,417	970	447	25.4	38.0	14.8
75 - 79	1,619	992	627	39.4	54.5	27.3	1,379	875	504	33.5	48.1	22.0
80 - 84	1,191	720	471	38.5	55.5	26.2	1,153	686	467	37.3	52.8	26.0
85 +	986	500	486	29.5	41.9	22.6	1,238	596	642	37.1	50.0	29.9
Total/Crude	17,820	12,895	4,925	8.5	13.1	4.5	12,204	8,691	3,513	6.4	9.1	3.6
ASIAN/PACIFIC ISLANDER												
00 - 04	13	7	6	0.9	0.9	0.8	2	1	1	0.1	0.1	0.1
05 - 09	2	2	0	0.1	0.2	0.0	2	2	0	0.1	0.3	0.0
10 - 14	1	1	0	0.1	0.1	0.0	0	0	0	0.0	0.0	0.0
15 - 19	1	1	0	0.1	0.1	0.0	1	1	0	0.1	0.1	0.0
20 - 24	2	1	1	0.1	0.1	0.1	1	0	1	0.1	0.0	0.1
25 - 29	7	6	1	0.3	0.6	0.1	3	3	0	0.1	0.3	0.0
30 - 34	21	18	3	1.0	1.7	0.3	12	10	2	0.5	1.0	0.2
35 - 39	34	27	7	1.6	2.7	0.6	25	21	4	1.2	2.1	0.4
40 - 44	79	63	16	3.6	6.2	1.3	48	43	5	2.2	4.2	0.4
45 - 49	159	139	20	7.8	14.7	1.8	77	63	14	3.8	6.7	1.3
50 - 54	285	235	50	14.4	25.7	4.7	162	139	23	8.2	15.2	2.2
55 - 59	520	429	91	28.3	51.4	9.0	324	274	50	17.6	32.9	5.0
60 - 64	565	420	145	35.9	59.5	16.7	314	240	74	20.0	34.0	8.5
65 - 69	567	410	157	48.2	78.0	24.2	277	208	69	23.6	39.6	10.6
70 - 74	484	336	148	57.3	89.6	31.5	312	214	98	36.9	57.1	20.9
75 - 79	428	250	178	66.8	91.0	48.7	317	186	131	49.5	67.7	35.8
80 - 84	338	192	146	73.9	103.6	53.6	298	167	131	65.1	90.1	48.1
85 +	284	153	131	64.2	93.3	47.0	320	164	156	72.3	100.0	56.0
Total/Crude	3,790	2,690	1,100	12.4	19.7	6.6	2,495	1,736	759	8.9	13.0	5.2

(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. 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, Liver 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	5	2	3	0.6	0.5	0.8	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	1	1	0	0.1	0.2	0.0	0	0	0	0.0	0.0	0.0
15 - 19	1	1	0	0.1	0.2	0.0	1	0	1	0.1	0.0	0.2
20 - 24	1	0	1	0.1	0.0	0.2	2	1	1	0.2	0.2	0.2
25 - 29	4	3	1	0.4	0.6	0.2	2	2	0	0.2	0.4	0.0
30 - 34	4	4	0	0.5	1.0	0.0	2	2	0	0.2	0.5	0.0
35 - 39	6	4	2	0.8	1.1	0.5	2	2	0	0.3	0.5	0.0
40 - 44	11	10	1	1.4	2.5	0.3	7	5	2	0.9	1.3	0.5
45 - 49	24	14	10	2.8	3.3	2.3	14	10	4	1.7	2.4	0.9
50 - 54	91	66	25	10.2	15.0	5.6	62	47	15	7.0	10.7	3.3
55 - 59	278	203	75	35.8	53.8	18.8	170	124	46	21.9	32.9	11.5
60 - 64	384	295	89	63.3	103.8	27.6	249	199	50	41.0	70.1	15.5
65 - 69	233	181	52	53.4	92.1	21.7	167	134	33	38.3	68.2	13.7
70 - 74	121	86	35	38.4	62.8	19.6	96	69	27	30.5	50.4	15.1
75 - 79	70	41	29	30.1	41.2	21.8	72	44	28	31.0	44.2	21.1
80 - 84	41	24	17	27.5	41.4	18.7	42	25	17	28.2	43.2	18.7
85 +	50	23	27	34.3	49.5	27.2	63	26	37	43.3	56.0	37.3
Total/Crude	1,326	958	368	10.2	16.1	5.4	951	690	261	7.9	11.6	4.3
HISPANIC												
00 - 04	58	34	24	0.9	1.0	0.7	9	6	3	0.1	0.2	0.1
05 - 09	10	4	6	0.1	0.1	0.2	0	0	0	0.0	0.0	0.0
10 - 14	6	5	1	0.1	0.2	0.0	1	1	0	0.0	0.0	0.0
15 - 19	7	3	4	0.1	0.1	0.1	3	2	1	0.1	0.1	0.0
20 - 24	7	5	2	0.1	0.1	0.1	4	2	2	0.1	0.1	0.1
25 - 29	9	4	5	0.1	0.1	0.2	6	4	2	0.1	0.1	0.1
30 - 34	15	8	7	0.3	0.3	0.3	8	5	3	0.1	0.2	0.1
35 - 39	22	12	10	0.4	0.4	0.4	15	8	7	0.3	0.3	0.3
40 - 44	70	53	17	1.4	2.0	0.7	31	25	6	0.6	1.0	0.2
45 - 49	256	219	37	5.5	9.3	1.6	113	90	23	2.4	3.8	1.0
50 - 54	683	561	122	17.4	28.6	6.2	334	290	44	8.5	14.8	2.2
55 - 59	985	785	200	31.7	51.9	12.5	561	466	95	18.0	30.8	5.9
60 - 64	927	720	207	41.0	67.3	17.3	590	464	126	26.1	43.4	10.6
65 - 69	802	543	259	50.8	75.3	30.2	504	346	158	31.9	48.0	18.4
70 - 74	625	366	259	57.8	77.7	42.4	439	273	166	40.6	58.0	27.2
75 - 79	472	261	211	60.6	79.8	46.7	418	243	175	53.7	74.3	38.7
80 - 84	340	185	155	61.5	83.2	46.9	316	170	146	57.2	76.4	44.2
85 +	229	120	109	45.6	65.2	34.3	277	140	137	55.2	76.1	43.1
Total/Crude	5,523	3,888	1,635	11.9	17.6	7.0	3,629	2,535	1,094	4.9	6.8	3.0

(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. 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, Liver 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	33	20	13	0.9	1.1	0.7	3	1	2	0.1	0.1	0.1
05 - 09	3	2	1	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
10 - 14	3	2	1	0.1	0.1	0.1	2	2	0	0.1	0.1	0.0
15 - 19	4	2	2	0.1	0.1	0.1	1	0	1	0.0	0.0	0.1
20 - 24	15	7	8	0.3	0.3	0.3	2	1	1	0.0	0.0	0.0
25 - 29	12	10	2	0.2	0.4	0.1	4	3	1	0.1	0.1	0.0
30 - 34	12	9	3	0.2	0.4	0.1	6	4	2	0.1	0.2	0.1
35 - 39	16	9	7	0.4	0.4	0.3	6	4	2	0.1	0.2	0.1
40 - 44	38	28	10	0.8	1.1	0.4	14	12	2	0.3	0.5	0.1
45 - 49	144	111	33	2.6	4.0	1.2	65	49	16	1.2	1.8	0.6
50 - 54	524	418	106	8.3	13.2	3.4	276	219	57	4.4	6.9	1.8
55 - 59	1,240	1,016	224	20.0	32.8	7.2	702	562	140	11.3	18.1	4.5
60 - 64	1,522	1,233	289	27.2	45.0	10.1	966	801	165	17.3	29.2	5.8
65 - 69	1,099	840	259	23.8	37.6	10.8	744	584	160	16.1	26.1	6.7
70 - 74	731	506	225	22.1	32.6	12.9	547	401	146	16.6	25.8	8.3
75 - 79	627	426	201	25.7	38.4	15.1	555	394	161	22.7	35.5	12.1
80 - 84	469	317	152	24.4	38.3	13.9	489	321	168	25.4	38.8	15.3
85 +	415	200	215	18.5	25.2	14.9	569	262	307	25.4	33.0	21.3
Total/Crude	6,907	5,156	1,751	5.9	9.2	2.9	4,951	3,620	1,331	6.4	9.4	3.4

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, Liver Cancer

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.01	0.01	0.01	1.38	0.00	0.01	0.01	0.60
25	0.00	0.02	0.16	1.40	0.00	0.01	0.04	0.60
35	0.02	0.16	0.58	1.41	0.01	0.04	0.15	0.60
45	0.14	0.57	0.98	1.42	0.03	0.14	0.31	0.60
55	0.45	0.87	1.19	1.33	0.11	0.29	0.47	0.58
65	0.47	0.82	-	0.97	0.18	0.38	-	0.49
Lifetime Risk of Being Diagnosed = 1.38%				Lifetime Risk of Being Diagnosed = 0.60%				
Lifetime Risk of Dying of Cancer = 1.06%				Lifetime Risk of Dying of Cancer = 0.49%				
ASIAN/PACIFIC ISLANDER								
0	0.01	0.01	0.01	2.58	0.00	0.00	0.01	1.18
25	0.01	0.06	0.26	2.61	0.00	0.01	0.05	1.19
35	0.05	0.25	0.76	2.61	0.01	0.04	0.17	1.19
45	0.21	0.72	1.42	2.59	0.03	0.16	0.41	1.19
55	0.53	1.24	1.90	2.44	0.12	0.38	0.78	1.17
65	0.76	1.46	-	2.03	0.27	0.68	-	1.08
Lifetime Risk of Being Diagnosed = 2.58%				Lifetime Risk of Being Diagnosed = 1.18%				
Lifetime Risk of Dying of Cancer = 1.96%				Lifetime Risk of Dying of Cancer = 1.01%				
NON-HISPANIC BLACK								
0	0.00	0.00	0.01	1.45	0.00	0.00	0.01	0.59
25	0.01	0.03	0.13	1.50	0.00	0.01	0.05	0.60
35	0.02	0.12	0.73	1.52	0.00	0.05	0.24	0.60
45	0.11	0.74	1.26	1.55	0.04	0.24	0.40	0.61
55	0.67	1.23	1.43	1.55	0.20	0.37	0.49	0.60
65	0.65	0.89	-	1.03	0.19	0.32	-	0.44
Lifetime Risk of Being Diagnosed = 1.45%				Lifetime Risk of Being Diagnosed = 0.59%				
Lifetime Risk of Dying of Cancer = 1.16%				Lifetime Risk of Dying of Cancer = 0.49%				
HISPANIC								
0	0.01	0.01	0.01	2.03	0.00	0.01	0.01	1.00
25	0.00	0.02	0.21	2.06	0.00	0.01	0.05	1.00
35	0.02	0.21	0.73	2.08	0.01	0.05	0.19	1.00
45	0.19	0.73	1.33	2.09	0.04	0.18	0.49	1.01
55	0.56	1.18	1.68	1.97	0.15	0.46	0.78	0.99
65	0.68	1.22	-	1.54	0.33	0.67	-	0.89
Lifetime Risk of Being Diagnosed = 2.03%				Lifetime Risk of Being Diagnosed = 1.00%				
Lifetime Risk of Dying of Cancer = 1.60%				Lifetime Risk of Dying of Cancer = 0.83%				
NON-HISPANIC WHITE								
0	0.01	0.01	0.01	0.94	0.00	0.01	0.01	0.36
25	0.00	0.01	0.10	0.95	0.00	0.01	0.03	0.36
35	0.01	0.10	0.42	0.95	0.00	0.03	0.10	0.36
45	0.09	0.42	0.69	0.96	0.02	0.10	0.20	0.36
55	0.34	0.63	0.84	0.91	0.08	0.18	0.28	0.34
65	0.32	0.55	-	0.63	0.11	0.21	-	0.28
Lifetime Risk of Being Diagnosed = 0.94%				Lifetime Risk of Being Diagnosed = 0.36%				
Lifetime Risk of Dying of Cancer = 0.74%				Lifetime Risk of Dying of Cancer = 0.30%				

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.
 Excludes cases reported by the Department of Veterans Affairs.
 Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.