

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2014, 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	800	569	231	3.4	5.4	1.7	783	525	258	3.3	5.1	1.9
1989	779	534	245	3.2	5.0	1.8	738	484	254	3.1	4.7	1.9
1990	929	645	284	3.7	5.8	2.0	816	527	289	3.3	4.9	2.1
1991	968	665	303	3.8	5.9	2.1	905	595	310	3.6	5.4	2.2
1992	1,054	722	332	4.1	6.4	2.3	959	646	313	3.8	5.8	2.2
1993	1,104	753	351	4.2	6.4	2.4	976	640	336	3.8	5.6	2.3
1994	1,147	820	327	4.3	6.9	2.2	1,015	698	317	3.9	6.1	2.2
1995	1,264	876	388	4.7	7.3	2.6	1,075	709	366	4.0	6.1	2.4
1996	1,376	925	451	5.1	7.6	3.0	1,114	745	369	4.1	6.3	2.4
1997	1,426	1,002	424	5.1	7.9	2.7	1,256	827	429	4.5	6.8	2.8
1998	1,626	1,154	472	5.7	8.9	3.0	1,267	857	410	4.5	6.7	2.6
1999	1,733	1,203	530	5.9	9.0	3.3	1,276	870	406	4.4	6.6	2.5
2000	1,787	1,276	511	6.0	9.3	3.1	1,404	969	435	4.7	7.3	2.6
2001	2,031	1,449	582	6.6	10.4	3.5	1,414	952	462	4.7	7.0	2.8
2002	2,070	1,398	672	6.6	9.7	3.9	1,512	996	516	4.9	7.1	3.0
2003	2,187	1,599	588	6.8	10.7	3.4	1,611	1,092	519	5.1	7.6	3.0
2004	2,352	1,726	626	7.1	11.2	3.6	1,567	1,102	465	4.9	7.5	2.6
2005	2,648	1,904	744	7.9	12.1	4.2	1,730	1,197	533	5.2	7.9	3.0
2006	2,724	1,991	733	7.9	12.3	4.0	1,710	1,172	538	5.1	7.6	3.0
2007	2,884	2,143	741	8.2	13.0	4.0	1,827	1,292	535	5.3	8.1	2.9
2008	2,975	2,196	779	8.3	13.0	4.1	1,897	1,339	558	5.4	8.2	2.9
2009	3,304	2,433	871	8.9	13.9	4.5	2,014	1,431	583	5.5	8.5	3.0
2010	3,365	2,499	866	8.8	13.8	4.3	2,091	1,530	561	5.6	8.7	2.8
2011	3,465	2,557	908	8.7	13.7	4.4	2,222	1,570	652	5.8	8.8	3.2
2012	3,526	2,601	925	8.7	13.6	4.3	2,445	1,748	697	6.1	9.4	3.2
2013	3,718	2,724	994	8.9	13.8	4.6	2,498	1,812	686	6.1	9.5	3.1
2014	3,894	2,817	1,077	9.0	13.8	4.8	2,451	1,711	740	5.8	8.7	3.2
ASIAN/PACIFIC ISLANDER												
1988	195	153	42	11.8	19.6	5.1	160	129	31	9.6	16.4	3.8
1989	186	136	50	11.0	17.4	5.8	157	116	41	9.4	14.7	5.1
1990	238	178	60	12.7	20.1	6.4	189	142	47	10.4	16.5	5.3
1991	277	203	74	13.7	21.8	6.8	206	147	59	10.3	15.7	5.7
1992	297	219	78	14.9	23.6	7.8	213	156	57	10.6	16.4	5.8
1993	297	197	100	13.3	19.1	8.5	245	166	79	11.4	16.2	7.3
1994	322	231	91	13.3	21.1	7.0	260	184	76	11.3	17.6	6.2
1995	362	257	105	14.4	22.6	7.8	250	173	77	10.5	16.1	6.0
1996	383	271	112	14.4	22.5	7.7	271	193	78	10.4	16.3	5.6
1997	406	286	120	14.1	22.1	7.6	314	212	102	11.3	16.8	6.8
1998	455	335	120	15.1	24.6	7.4	306	217	89	10.3	15.9	5.7
1999	497	347	150	15.6	23.8	8.9	331	231	100	10.6	16.2	6.1
2000	454	323	131	13.5	21.4	7.2	347	237	110	10.6	16.0	6.2
2001	549	389	160	15.8	24.9	8.5	348	240	108	10.1	15.8	5.7
2002	581	397	184	15.8	23.7	9.3	371	263	108	10.2	16.0	5.6
2003	552	385	167	14.4	22.2	8.1	393	256	137	10.6	15.1	6.9
2004	627	456	171	15.6	25.2	7.9	391	278	113	10.1	16.0	5.4
2005	675	460	215	15.8	23.5	9.5	400	262	138	9.9	14.2	6.3
2006	648	463	185	14.8	23.2	8.0	397	276	121	9.2	14.1	5.2
2007	749	545	204	16.2	26.2	8.2	419	306	113	9.4	15.4	4.7
2008	691	469	222	14.6	21.9	8.7	441	302	139	9.6	14.5	5.6
2009	734	532	202	14.6	23.7	7.5	431	312	119	8.9	14.5	4.5
2010	755	520	235	14.4	22.0	8.3	473	325	148	9.3	14.4	5.4
2011	753	556	197	13.5	22.2	6.5	494	348	146	9.1	14.4	5.0
2012	708	496	212	12.2	19.3	6.6	492	338	154	8.7	13.5	4.9
2013	727	511	216	12.0	18.8	6.6	486	334	152	8.2	12.6	4.7
2014	804	566	238	12.5	19.7	6.8	516	345	171	8.2	12.4	4.9

(Table Continues)

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

Source: California Cancer Registry (November 2016) 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, 1988-2014, 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	62	44	18	4.8	7.7	2.6	66	42	24	4.9	6.7	3.4
1989	70	52	18	5.1	8.8	2.4	71	48	23	5.4	8.5	3.1
1990	61	34	27	4.2	5.1	3.4	53	24	29	3.8	3.7	3.7
1991	70	49	21	5.0	7.9	2.7	75	50	25	5.5	8.6	3.2
1992	77	48	29	5.2	7.5	3.5	73	51	22	5.1	8.4	2.6
1993	82	61	21	5.4	9.0	2.5	67	39	28	4.6	6.1	3.3
1994	78	60	18	5.1	8.8	2.2	80	57	23	5.3	8.2	2.9
1995	96	66	30	6.2	9.3	3.6	86	58	28	5.6	8.6	3.3
1996	100	67	33	6.4	10.1	3.7	78	58	20	5.2	9.2	2.4
1997	102	71	31	6.3	9.8	3.5	92	61	31	5.7	8.6	3.4
1998	112	83	29	6.5	10.8	3.1	93	70	23	5.7	9.7	2.5
1999	126	93	33	7.4	12.0	3.6	101	69	32	6.1	8.8	3.6
2000	127	99	28	7.2	12.5	3.0	103	83	20	5.9	10.7	2.1
2001	159	118	41	8.8	14.6	4.2	134	83	51	7.6	10.1	5.4
2002	155	111	44	8.5	13.6	4.4	110	77	33	6.1	9.5	3.3
2003	159	121	38	8.3	14.4	3.7	129	87	42	7.1	11.1	4.1
2004	190	141	49	9.5	15.1	4.8	119	86	33	6.3	9.8	3.3
2005	206	149	57	10.4	16.7	5.3	144	103	41	7.4	11.4	4.0
2006	198	147	51	9.3	14.9	4.5	144	104	40	7.1	11.6	3.5
2007	227	178	49	10.7	18.5	4.3	134	96	38	6.8	11.1	3.5
2008	212	166	46	9.7	16.4	4.1	146	112	34	6.8	11.4	3.1
2009	256	186	70	10.8	17.2	5.6	174	122	52	7.9	11.9	4.5
2010	266	199	67	11.1	18.1	5.3	169	136	33	7.3	12.7	2.9
2011	265	181	84	10.7	15.6	6.5	162	101	61	6.9	9.4	4.9
2012	287	220	67	11.0	18.1	5.0	193	139	54	8.0	12.5	4.2
2013	291	222	69	11.4	18.8	5.2	213	164	49	8.5	14.2	3.8
2014	273	202	71	10.1	16.5	4.9	194	144	50	7.3	12.0	3.5
HISPANIC												
1988	152	104	48	5.2	7.4	3.3	124	78	46	4.6	6.3	3.3
1989	132	87	45	4.3	5.9	2.9	111	67	44	4.0	4.8	3.1
1990	180	120	60	5.8	8.3	3.7	142	87	55	4.9	6.5	3.6
1991	169	115	54	5.1	8.0	2.9	161	105	56	4.9	7.2	3.2
1992	190	122	68	5.9	8.6	3.8	149	93	56	4.9	7.2	3.2
1993	199	141	58	5.7	9.2	3.0	162	104	58	4.9	7.2	3.1
1994	214	159	55	5.7	9.4	2.8	163	119	44	4.9	7.9	2.5
1995	259	172	87	7.1	10.3	4.5	206	133	73	5.8	8.5	3.8
1996	277	183	94	7.0	10.2	4.4	204	130	74	5.3	7.7	3.5
1997	297	206	91	7.2	11.0	4.1	240	163	77	6.3	9.5	3.9
1998	355	250	105	8.2	12.6	4.7	270	183	87	6.6	9.5	4.1
1999	403	278	125	8.8	13.0	5.3	274	184	90	6.4	9.3	4.1
2000	436	304	132	9.1	14.0	5.2	310	208	102	7.0	10.5	4.3
2001	477	346	131	9.4	14.8	5.0	314	212	102	6.7	10.2	4.1
2002	512	339	173	9.7	13.4	6.4	352	228	124	7.1	10.1	4.7
2003	510	374	136	8.6	13.1	4.7	392	263	129	7.4	10.5	4.8
2004	596	425	171	9.8	14.8	5.6	370	246	124	6.6	9.5	4.3
2005	691	510	181	11.0	17.0	5.8	442	310	132	7.3	10.9	4.3
2006	758	541	217	11.4	17.2	6.5	433	295	138	7.1	10.2	4.4
2007	781	577	204	11.0	17.3	5.7	468	315	153	7.3	10.5	4.6
2008	793	564	229	10.9	16.3	6.2	499	336	163	7.5	10.8	4.8
2009	934	678	256	12.2	19.2	6.5	562	389	173	7.9	11.7	4.8
2010	988	741	247	12.1	19.5	6.0	592	433	159	7.8	12.2	4.1
2011	1,051	751	300	12.4	18.7	7.1	647	462	185	8.3	12.6	4.8
2012	1,039	755	284	11.8	18.1	6.5	714	495	219	8.7	12.8	5.3
2013	1,142	801	341	12.4	18.3	7.3	732	520	212	8.4	12.9	4.8
2014	1,228	871	357	12.6	18.7	7.3	740	513	227	8.2	12.3	4.9

(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. 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, 1988-2014, 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	386	264	122	2.2	3.5	1.2	429	273	156	2.4	3.7	1.5
1989	389	257	132	2.2	3.4	1.3	396	251	145	2.3	3.4	1.4
1990	443	310	133	2.4	3.8	1.3	429	274	155	2.3	3.5	1.5
1991	444	292	152	2.4	3.6	1.5	458	291	167	2.5	3.7	1.6
1992	483	330	153	2.6	4.1	1.5	519	343	176	2.8	4.3	1.6
1993	520	350	170	2.8	4.3	1.6	498	327	171	2.7	4.0	1.6
1994	526	363	163	2.8	4.4	1.6	510	337	173	2.7	4.2	1.6
1995	543	378	165	2.9	4.6	1.6	530	343	187	2.8	4.2	1.7
1996	612	400	212	3.3	4.8	2.0	556	361	195	2.9	4.4	1.7
1997	613	434	179	3.2	5.1	1.6	606	388	218	3.1	4.7	2.0
1998	689	477	212	3.6	5.6	1.9	594	383	211	3.1	4.5	1.9
1999	689	470	219	3.6	5.4	2.0	564	383	181	2.9	4.4	1.6
2000	752	537	215	3.9	6.1	2.0	627	431	196	3.2	4.9	1.7
2001	818	576	242	4.2	6.4	2.2	609	411	198	3.1	4.6	1.7
2002	795	531	264	4.0	5.8	2.4	671	422	249	3.3	4.7	2.2
2003	935	693	242	4.6	7.4	2.2	684	476	208	3.3	5.2	1.8
2004	906	679	227	4.4	7.1	2.0	671	479	192	3.3	5.2	1.6
2005	1,049	766	283	5.1	7.9	2.6	728	509	219	3.5	5.4	1.9
2006	1,095	819	276	5.3	8.3	2.5	715	487	228	3.4	5.1	2.0
2007	1,089	810	279	5.2	8.1	2.5	789	563	226	3.7	5.7	1.9
2008	1,231	958	273	5.7	9.5	2.4	789	575	214	3.7	5.7	1.8
2009	1,333	1,004	329	6.1	9.7	2.9	825	592	233	3.8	5.9	1.9
2010	1,321	1,011	310	6.0	9.6	2.7	827	613	214	3.7	5.8	1.8
2011	1,346	1,032	314	5.9	9.5	2.6	890	638	252	3.9	6.1	2.0
2012	1,444	1,096	348	6.3	10.0	2.9	1,011	759	252	4.3	6.9	1.9
2013	1,503	1,144	359	6.4	10.2	3.0	1,035	772	263	4.4	7.0	2.1
2014	1,515	1,125	390	6.3	9.7	3.1	975	693	282	4.0	6.2	2.2

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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.

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, 2010-2014, Liver Cancer

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	111	72	39	0.9	1.1	0.6	14	8	6	0.1	0.1	0.1
05 - 09	11	5	6	0.1	0.1	0.1	2	2	0	0.0	0.0	0.0
10 - 14	14	9	5	0.1	0.1	0.1	3	3	0	0.0	0.1	0.0
15 - 19	14	10	4	0.1	0.1	0.1	7	5	2	0.1	0.1	0.0
20 - 24	26	14	12	0.2	0.2	0.2	9	4	5	0.1	0.1	0.1
25 - 29	34	26	8	0.2	0.4	0.1	16	10	6	0.1	0.1	0.1
30 - 34	49	36	13	0.4	0.5	0.2	30	21	9	0.2	0.3	0.1
35 - 39	84	58	26	0.7	0.9	0.4	50	38	12	0.4	0.6	0.2
40 - 44	214	168	46	1.6	2.6	0.7	103	83	20	0.8	1.3	0.3
45 - 49	649	532	117	4.9	8.1	1.8	312	249	63	2.4	3.8	1.0
50 - 54	1,765	1,432	333	13.5	22.1	5.0	876	738	138	6.7	11.4	2.1
55 - 59	3,221	2,629	592	27.5	46.1	9.8	1,796	1,475	321	15.3	25.8	5.3
60 - 64	3,452	2,767	685	35.1	58.9	13.4	2,028	1,629	399	20.6	34.6	7.8
65 - 69	2,587	1,893	694	34.8	54.2	17.6	1,544	1,152	392	20.8	33.0	10.0
70 - 74	1,959	1,327	632	36.7	54.4	21.8	1,316	902	414	24.7	37.0	14.3
75 - 79	1,610	994	616	40.2	56.2	27.5	1,328	840	488	33.1	47.5	21.8
80 - 84	1,195	719	476	38.9	56.2	26.6	1,127	656	471	36.7	51.3	26.3
85 +	973	507	466	30.0	44.0	22.3	1,146	556	590	35.3	48.3	28.2
Total/Crude	17,968	13,198	4,770	9.4	14.0	5.0	11,707	8,371	3,336	6.2	8.9	3.5
ASIAN/PACIFIC ISLANDER												
00 - 04	15	9	6	1.0	1.2	0.8	2	1	1	0.1	0.1	0.1
05 - 09	1	1	0	0.1	0.1	0.0	1	1	0	0.1	0.1	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	1	0	0.1	0.1	0.0	1	1	0	0.1	0.1	0.0
20 - 24	3	2	1	0.2	0.2	0.1	2	0	2	0.1	0.0	0.2
25 - 29	8	8	0	0.4	0.8	0.0	3	3	0	0.1	0.3	0.0
30 - 34	18	15	3	0.9	1.5	0.3	13	10	3	0.6	1.0	0.3
35 - 39	41	35	6	1.9	3.5	0.5	29	25	4	1.4	2.5	0.4
40 - 44	72	56	16	3.4	5.7	1.4	41	35	6	1.9	3.5	0.5
45 - 49	161	141	20	8.0	15.1	1.9	90	74	16	4.5	7.9	1.5
50 - 54	304	253	51	15.6	28.2	4.9	164	145	19	8.4	16.2	1.8
55 - 59	515	425	90	29.0	52.8	9.3	323	270	53	18.2	33.6	5.5
60 - 64	548	412	136	36.4	60.9	16.4	289	221	68	19.2	32.7	8.2
65 - 69	544	387	157	50.2	79.6	26.3	274	202	72	25.3	41.6	12.1
70 - 74	482	322	160	59.9	90.1	35.8	301	200	101	37.4	55.9	22.6
75 - 79	417	245	172	68.3	94.1	49.1	314	180	134	51.4	69.1	38.2
80 - 84	342	185	157	78.1	104.9	60.0	315	172	143	71.9	97.5	54.7
85 +	275	152	123	67.3	100.0	47.9	299	150	149	73.2	98.7	58.0
Total/Crude	3,747	2,649	1,098	13.7	20.4	7.6	2,461	1,690	771	9.0	13.0	5.4

(Table Continues)

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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, 2010-2014, Liver Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
00 - 04	4	1	3	0.5	0.3	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	0	0	0	0.0	0.0	0.0	1	1	0	0.1	0.2	0.0
25 - 29	4	3	1	0.5	0.7	0.2	1	0	1	0.1	0.0	0.2
30 - 34	5	5	0	0.6	1.2	0.0	2	2	0	0.3	0.5	0.0
35 - 39	6	4	2	0.8	1.1	0.5	4	3	1	0.5	0.8	0.3
40 - 44	15	14	1	1.9	3.5	0.3	9	7	2	1.1	1.7	0.5
45 - 49	28	16	12	3.2	3.7	2.7	20	14	6	2.3	3.2	1.4
50 - 54	115	85	30	12.9	19.4	6.7	70	53	17	7.9	12.1	3.8
55 - 59	316	240	76	42.0	65.7	19.6	186	146	40	24.7	40.0	10.3
60 - 64	399	316	83	67.9	115.0	26.5	246	201	45	41.8	73.2	14.4
65 - 69	222	168	54	53.6	90.3	23.7	147	112	35	35.5	60.2	15.3
70 - 74	111	85	26	36.2	63.3	15.1	79	56	23	25.7	41.7	13.3
75 - 79	65	35	30	28.9	36.4	23.3	65	37	28	28.9	38.5	21.8
80 - 84	40	25	15	27.8	45.2	16.9	40	24	16	27.8	43.4	18.0
85 +	49	25	24	34.8	56.1	24.9	60	28	32	42.6	62.9	33.2
Total/Crude	1,382	1,024	358	11.6	17.3	5.9	931	684	247	7.8	11.6	4.1
HISPANIC												
00 - 04	58	38	20	0.9	1.1	0.6	9	6	3	0.1	0.2	0.1
05 - 09	6	2	4	0.1	0.1	0.1	1	1	0	0.0	0.0	0.0
10 - 14	10	6	4	0.2	0.2	0.1	2	2	0	0.0	0.1	0.0
15 - 19	7	4	3	0.1	0.1	0.1	3	3	0	0.1	0.1	0.0
20 - 24	6	3	3	0.1	0.1	0.1	4	2	2	0.1	0.1	0.1
25 - 29	8	3	5	0.1	0.1	0.2	8	4	4	0.1	0.1	0.1
30 - 34	13	7	6	0.2	0.2	0.2	8	6	2	0.1	0.2	0.1
35 - 39	17	8	9	0.3	0.3	0.3	10	6	4	0.2	0.2	0.2
40 - 44	77	58	19	1.5	2.2	0.8	39	30	9	0.8	1.2	0.4
45 - 49	278	238	40	6.2	10.4	1.8	120	98	22	2.7	4.3	1.0
50 - 54	732	604	128	19.3	32.1	6.7	341	296	45	9.0	15.7	2.4
55 - 59	969	788	181	32.9	55.2	11.9	532	445	87	18.0	31.1	5.7
60 - 64	901	716	185	42.3	71.2	16.4	549	435	114	25.8	43.3	10.1
65 - 69	747	512	235	50.7	76.5	29.2	459	319	140	31.2	47.7	17.4
70 - 74	609	369	240	59.2	82.6	41.3	397	250	147	38.6	55.9	25.3
75 - 79	465	254	211	62.1	81.0	48.5	394	228	166	52.6	72.7	38.2
80 - 84	324	188	136	60.7	87.7	42.6	300	161	139	56.2	75.1	43.5
85 +	221	121	100	47.8	71.5	34.1	249	131	118	53.8	77.4	40.2
Total/Crude	5,448	3,919	1,529	7.5	10.7	4.2	3,425	2,423	1,002	4.7	6.6	2.8

(Table Continues)

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

Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

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, 2010-2014, Liver Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
00 - 04	31	22	9	0.9	1.2	0.5	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	1	1	0	0.0	0.1	0.0
15 - 19	5	4	1	0.1	0.2	0.1	2	1	1	0.1	0.1	0.1
20 - 24	16	9	7	0.3	0.4	0.3	2	1	1	0.0	0.0	0.0
25 - 29	14	12	2	0.3	0.5	0.1	4	3	1	0.1	0.1	0.0
30 - 34	13	9	4	0.3	0.4	0.2	7	3	4	0.2	0.1	0.2
35 - 39	19	10	9	0.4	0.4	0.4	7	4	3	0.2	0.2	0.1
40 - 44	46	38	8	0.9	1.5	0.3	13	11	2	0.3	0.4	0.1
45 - 49	168	125	43	3.0	4.4	1.5	74	57	17	1.3	2.0	0.6
50 - 54	589	475	114	9.2	14.7	3.6	283	229	54	4.4	7.1	1.7
55 - 59	1,359	1,127	232	22.0	36.6	7.5	722	591	131	11.7	19.2	4.2
60 - 64	1,541	1,268	273	27.8	46.7	9.7	918	757	161	16.6	27.9	5.7
65 - 69	1,032	796	236	23.4	37.4	10.3	642	501	141	14.5	23.5	6.2
70 - 74	738	535	203	23.3	36.0	12.1	524	386	138	16.6	26.0	8.2
75 - 79	644	450	194	26.8	41.3	14.8	538	388	150	22.4	35.6	11.4
80 - 84	486	319	167	25.0	38.5	15.0	466	297	169	24.0	35.9	15.1
85 +	422	205	217	19.0	26.2	15.1	532	244	288	24.0	31.2	20.0
Total/Crude	7,129	5,408	1,721	9.2	14.0	4.4	4,738	3,475	1,263	6.1	9.0	3.3

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

Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

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	1.45	0.00	0.00	0.01	0.59
25	0.00	0.02	0.18	1.46	0.00	0.01	0.04	0.59
35	0.02	0.17	0.62	1.48	0.01	0.04	0.15	0.59
45	0.16	0.61	1.03	1.48	0.03	0.14	0.31	0.59
55	0.47	0.91	1.24	1.38	0.11	0.28	0.46	0.57
65	0.48	0.84	-	1.00	0.18	0.37	-	0.49
Lifetime Risk of Being Diagnosed = 1.45%				Lifetime Risk of Being Diagnosed = 0.59%				
Lifetime Risk of Dying of Cancer = 1.04%				Lifetime Risk of Dying of Cancer = 0.48%				
ASIAN/PACIFIC ISLANDER								
0	0.01	0.01	0.01	2.65	0.00	0.00	0.00	1.23
25	0.01	0.06	0.28	2.68	0.00	0.01	0.05	1.24
35	0.05	0.27	0.79	2.69	0.01	0.04	0.17	1.24
45	0.22	0.75	1.45	2.66	0.03	0.16	0.44	1.24
55	0.54	1.26	1.95	2.51	0.13	0.41	0.83	1.23
65	0.77	1.49	-	2.08	0.30	0.73	-	1.14
Lifetime Risk of Being Diagnosed = 2.65%				Lifetime Risk of Being Diagnosed = 1.23%				
Lifetime Risk of Dying of Cancer = 1.97%				Lifetime Risk of Dying of Cancer = 1.07%				
NON-HISPANIC BLACK								
0	0.00	0.00	0.01	1.57	0.00	0.00	0.01	0.57
25	0.01	0.03	0.16	1.63	0.00	0.01	0.05	0.58
35	0.02	0.15	0.85	1.65	0.01	0.05	0.24	0.59
45	0.14	0.86	1.37	1.68	0.05	0.24	0.39	0.59
55	0.77	1.32	1.52	1.65	0.20	0.36	0.47	0.57
65	0.65	0.88	-	1.04	0.17	0.30	-	0.41
Lifetime Risk of Being Diagnosed = 1.57%				Lifetime Risk of Being Diagnosed = 0.57%				
Lifetime Risk of Dying of Cancer = 1.16%				Lifetime Risk of Dying of Cancer = 0.47%				
HISPANIC								
0	0.01	0.01	0.01	2.14	0.00	0.01	0.01	0.97
25	0.00	0.02	0.23	2.17	0.00	0.01	0.05	0.97
35	0.02	0.23	0.78	2.19	0.01	0.05	0.18	0.98
45	0.21	0.78	1.40	2.20	0.04	0.18	0.48	0.98
55	0.59	1.23	1.75	2.07	0.14	0.44	0.76	0.96
65	0.71	1.27	-	1.62	0.32	0.66	-	0.86
Lifetime Risk of Being Diagnosed = 2.14%				Lifetime Risk of Being Diagnosed = 0.97%				
Lifetime Risk of Dying of Cancer = 1.59%				Lifetime Risk of Dying of Cancer = 0.78%				
NON-HISPANIC WHITE								
0	0.01	0.01	0.01	1.00	0.00	0.00	0.01	0.36
25	0.00	0.01	0.11	1.00	0.00	0.01	0.03	0.35
35	0.01	0.11	0.46	1.01	0.00	0.03	0.11	0.35
45	0.10	0.45	0.74	1.02	0.03	0.10	0.20	0.35
55	0.37	0.67	0.88	0.96	0.08	0.17	0.27	0.34
65	0.33	0.57	-	0.65	0.10	0.21	-	0.27
Lifetime Risk of Being Diagnosed = 1.00%				Lifetime Risk of Being Diagnosed = 0.36%				
Lifetime Risk of Dying of Cancer = 0.72%				Lifetime Risk of Dying of Cancer = 0.29%				

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.
 Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.
 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2010-2014.
 Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.