

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, Leukemia

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	2,962	1,681	1,281	12.2	15.9	9.4	1,811	1,049	762	7.8	10.6	5.8
1989	3,129	1,749	1,380	12.5	16.2	10.0	1,826	1,037	789	7.5	10.1	5.7
1990	3,241	1,846	1,395	12.8	16.7	10.0	1,991	1,138	853	8.1	11.0	6.1
1991	3,236	1,842	1,394	12.4	16.1	9.6	1,882	1,066	816	7.5	10.0	5.8
1992	3,271	1,862	1,409	12.4	16.1	9.6	2,025	1,164	861	7.9	10.8	5.9
1993	3,412	1,897	1,515	12.6	16.2	10.1	2,004	1,090	914	7.7	9.8	6.2
1994	3,334	1,920	1,414	12.2	16.1	9.3	1,904	1,081	823	7.2	9.7	5.5
1995	3,524	2,030	1,494	12.7	16.6	9.7	2,000	1,135	865	7.5	9.9	5.7
1996	3,435	1,910	1,525	12.2	15.3	9.8	2,008	1,139	869	7.3	9.8	5.6
1997	3,580	2,052	1,528	12.4	16.2	9.6	2,068	1,189	879	7.4	10.1	5.6
1998	3,621	2,068	1,553	12.3	15.9	9.6	2,003	1,112	891	7.0	9.1	5.5
1999	3,634	2,095	1,539	12.1	15.7	9.3	2,122	1,229	893	7.3	9.9	5.4
2000	3,837	2,177	1,660	12.6	16.2	9.9	2,108	1,208	900	7.1	9.6	5.3
2001	3,906	2,230	1,676	12.6	16.1	9.8	2,148	1,200	948	7.1	9.3	5.5
2002	3,858	2,195	1,663	12.2	15.5	9.5	2,123	1,218	905	6.9	9.2	5.2
2003	3,931	2,224	1,707	12.2	15.4	9.7	2,216	1,250	966	7.0	9.3	5.4
2004	4,033	2,286	1,747	12.4	15.6	9.8	2,170	1,253	917	6.8	9.1	5.1
2005	3,984	2,268	1,716	12.0	15.2	9.5	2,201	1,234	967	6.8	8.8	5.2
2006	4,101	2,288	1,813	12.2	15.1	9.9	2,248	1,274	974	6.8	9.0	5.2
2007	4,267	2,463	1,804	12.4	15.8	9.7	2,270	1,282	988	6.8	8.9	5.2
2008	4,506	2,540	1,966	12.9	15.9	10.4	2,249	1,254	995	6.6	8.4	5.2
2009	4,547	2,621	1,926	12.7	16.2	10.0	2,356	1,323	1,033	6.7	8.7	5.2
2010	4,744	2,665	2,079	13.0	16.1	10.5	2,356	1,344	1,012	6.6	8.6	5.0
2011	4,592	2,575	2,017	12.3	15.1	10.1	2,370	1,330	1,040	6.4	8.2	5.1
2012	4,704	2,782	1,922	12.4	16.0	9.5	2,399	1,367	1,032	6.4	8.4	4.9
2013	4,834	2,829	2,005	12.4	15.8	9.6	2,453	1,390	1,063	6.4	8.3	4.9
2014	4,860	2,830	2,030	12.2	15.4	9.5	2,491	1,425	1,066	6.3	8.2	4.8
2015	4,702	2,721	1,981	11.6	14.5	9.2	2,338	1,380	958	5.8	7.8	4.3
ASIAN/PACIFIC ISLANDER												
1988	167	102	65	9.4	11.9	7.0	79	42	37	4.8	5.2	4.3
1989	163	103	60	8.0	10.3	6.0	93	56	37	5.0	7.0	3.4
1990	172	88	84	7.8	8.1	7.5	104	60	44	5.2	6.4	4.1
1991	176	110	66	8.0	10.9	5.5	107	72	35	5.0	7.6	2.8
1992	189	105	84	7.9	10.0	6.2	105	70	35	4.9	7.6	2.7
1993	227	124	103	9.2	10.8	7.9	136	72	64	6.0	7.0	5.2
1994	217	117	100	8.6	10.3	7.2	124	74	50	5.2	6.7	4.0
1995	216	114	102	8.0	9.0	7.2	123	63	60	5.2	5.9	4.7
1996	244	142	102	8.5	11.0	6.4	118	71	47	4.4	6.0	3.2
1997	216	120	96	7.2	9.0	5.8	126	71	55	4.5	5.9	3.4
1998	251	150	101	7.9	10.3	6.0	133	70	63	4.7	5.4	4.1
1999	257	142	115	8.2	10.2	6.7	150	90	60	4.9	6.7	3.6
2000	263	143	120	7.7	9.3	6.4	138	82	56	4.3	5.8	3.1
2001	279	155	124	7.9	10.1	6.3	144	74	70	4.2	5.1	3.5
2002	293	159	134	7.6	9.1	6.5	145	89	56	3.9	5.4	2.8
2003	298	186	112	7.6	10.2	5.3	142	63	79	3.9	4.1	3.8
2004	310	178	132	7.7	10.1	6.0	166	97	69	4.4	5.8	3.3
2005	307	169	138	7.3	8.9	6.0	172	102	70	4.3	5.9	3.1
2006	308	158	150	7.2	8.2	6.4	154	86	68	3.8	4.8	3.0
2007	334	190	144	7.4	9.5	5.8	166	97	69	3.8	5.3	2.8
2008	386	198	188	8.3	9.6	7.3	201	95	106	4.4	4.9	4.1
2009	402	219	183	8.2	10.2	6.8	222	119	103	4.7	6.0	3.8
2010	374	205	169	7.5	9.3	6.1	230	120	110	4.7	5.7	3.9
2011	409	219	190	7.8	9.4	6.5	242	131	111	4.6	5.8	3.8
2012	432	258	174	7.9	10.6	5.7	222	120	102	4.1	5.2	3.3
2013	410	199	211	7.2	7.8	6.7	241	139	102	4.2	5.8	3.1
2014	476	259	217	8.2	9.8	6.9	240	119	121	4.0	4.6	3.6
2015	428	231	197	7.1	8.4	6.0	228	134	94	3.7	5.0	2.7

(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, Leukemia (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	154	95	59	11.0	15.0	7.7	98	58	40	7.3	10.3	5.2
1989	163	77	86	11.3	13.6	10.2	110	60	50	8.4	12.1	6.2
1990	162	95	67	11.2	14.6	8.6	112	66	46	7.6	10.6	5.4
1991	156	79	77	10.3	12.6	8.8	116	64	52	8.3	10.4	6.7
1992	164	100	64	10.2	14.2	7.2	108	68	40	7.6	11.9	4.8
1993	197	90	107	12.4	12.8	12.2	125	71	54	8.0	10.0	6.3
1994	159	85	74	10.2	12.7	8.3	105	59	46	6.7	8.4	5.4
1995	173	91	82	10.9	13.9	9.1	117	65	52	7.6	10.9	5.8
1996	178	94	84	10.8	12.9	9.2	127	70	57	8.3	11.2	6.5
1997	175	94	81	10.5	13.3	8.5	95	51	44	6.3	8.5	5.0
1998	169	90	79	9.5	11.9	8.0	105	60	45	6.3	8.3	4.8
1999	186	103	83	10.9	14.2	8.7	121	68	53	7.6	9.9	5.8
2000	195	105	90	10.9	13.8	8.9	112	60	52	6.7	8.8	5.4
2001	201	117	84	10.9	14.3	8.3	116	62	54	6.9	8.3	5.6
2002	217	122	95	11.9	15.2	9.3	132	70	62	7.6	9.4	6.3
2003	211	117	94	11.4	14.3	9.0	138	79	59	7.9	10.7	6.0
2004	202	111	91	10.5	12.7	8.8	117	68	49	6.4	8.7	4.7
2005	191	96	95	9.8	11.5	8.7	117	67	50	6.4	8.7	4.7
2006	173	88	85	8.8	10.5	7.8	123	71	52	6.6	9.7	4.8
2007	210	119	91	10.7	13.9	8.4	114	62	52	6.1	8.2	4.9
2008	205	112	93	10.4	13.0	8.5	143	76	67	7.5	9.4	6.3
2009	221	123	98	10.6	13.6	8.5	127	71	56	6.6	8.8	5.2
2010	221	122	99	10.3	12.8	8.4	118	67	51	5.8	7.8	4.3
2011	228	133	95	10.7	13.8	8.2	150	83	67	7.3	9.2	5.7
2012	250	146	104	11.4	14.8	8.5	122	57	65	6.0	6.7	5.6
2013	248	127	121	10.9	12.5	9.7	150	78	72	7.0	8.5	5.8
2014	236	146	90	10.0	13.6	7.1	131	79	52	5.8	7.9	4.2
2015	231	128	103	9.6	12.2	7.8	96	50	46	4.2	5.2	3.7
HISPANIC												
1988	382	210	172	8.2	9.6	7.2	193	110	83	5.1	5.5	4.7
1989	416	227	189	8.6	10.5	7.3	211	133	78	5.2	7.6	3.4
1990	494	288	206	10.8	13.0	9.0	259	135	124	6.1	6.9	5.6
1991	491	280	211	9.2	12.1	7.1	270	150	120	6.5	8.3	5.3
1992	504	286	218	9.4	10.7	8.4	296	161	135	6.4	7.2	5.8
1993	527	283	244	9.0	10.4	8.1	268	145	123	5.8	7.1	4.9
1994	531	302	229	9.2	10.8	7.9	246	125	121	5.5	6.0	5.1
1995	591	340	251	10.4	13.2	8.3	289	164	125	6.2	7.9	5.0
1996	610	342	268	9.2	10.7	7.9	310	174	136	6.0	7.0	5.2
1997	637	363	274	9.8	11.7	8.4	325	185	140	6.4	8.0	5.3
1998	672	377	295	10.3	12.4	8.6	306	160	146	5.6	6.2	5.0
1999	667	391	276	9.8	12.0	8.0	337	187	150	5.9	7.1	5.0
2000	725	394	331	10.1	13.1	8.1	338	193	145	6.0	7.6	4.9
2001	745	404	341	10.0	11.1	9.0	365	201	164	5.5	7.1	4.5
2002	762	429	333	9.9	12.8	7.9	348	191	157	5.4	6.6	4.7
2003	781	420	361	9.7	11.1	8.7	389	218	171	5.8	7.1	4.8
2004	829	462	367	10.3	12.3	8.8	373	210	163	5.5	6.6	4.7
2005	839	488	351	9.6	12.1	7.7	403	234	169	5.6	7.2	4.4
2006	913	503	410	10.2	12.5	8.5	438	239	199	6.0	7.6	5.0
2007	915	515	400	9.5	11.5	7.9	440	237	203	5.5	6.6	4.7
2008	1,023	567	456	10.6	12.7	9.0	442	252	190	5.5	7.1	4.4
2009	1,015	558	457	9.9	11.6	8.5	433	226	207	5.2	5.9	4.6
2010	1,066	588	478	10.2	12.2	8.7	439	248	191	5.2	6.3	4.3
2011	1,073	576	497	10.3	12.2	8.8	460	249	211	5.1	6.2	4.3
2012	1,098	607	491	9.9	11.8	8.4	498	261	237	5.6	6.7	4.8
2013	1,198	702	496	10.6	13.3	8.4	495	275	220	5.5	6.9	4.4
2014	1,169	663	506	9.7	11.5	8.2	539	307	232	5.4	6.7	4.4
2015	1,124	631	493	9.3	11.2	7.7	495	282	213	5.0	6.4	3.9

(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	2,240	1,261	979	12.9	17.0	10.0	1,435	836	599	8.3	11.6	6.1
1989	2,366	1,332	1,034	13.4	17.5	10.6	1,409	786	623	7.9	10.5	6.1
1990	2,382	1,355	1,027	13.4	17.8	10.2	1,514	877	637	8.5	11.9	6.2
1991	2,386	1,354	1,032	13.3	17.4	10.2	1,382	776	606	7.7	10.4	5.8
1992	2,382	1,352	1,030	13.1	17.4	10.1	1,507	860	647	8.3	11.4	6.1
1993	2,429	1,384	1,045	13.3	17.7	10.2	1,470	801	669	8.0	10.4	6.2
1994	2,390	1,392	998	13.1	17.6	9.8	1,425	820	605	7.7	10.6	5.7
1995	2,513	1,470	1,043	13.7	18.2	10.2	1,464	838	626	7.8	10.7	5.8
1996	2,365	1,315	1,050	12.8	16.3	10.2	1,450	823	627	7.6	10.4	5.7
1997	2,517	1,451	1,066	13.5	17.7	10.4	1,518	880	638	7.9	10.9	5.8
1998	2,494	1,425	1,069	13.3	17.1	10.3	1,454	819	635	7.5	9.9	5.7
1999	2,485	1,438	1,047	13.2	17.1	10.2	1,504	876	628	7.6	10.6	5.5
2000	2,616	1,516	1,100	13.7	17.9	10.4	1,511	867	644	7.6	10.3	5.6
2001	2,619	1,521	1,098	13.6	17.8	10.3	1,519	860	659	7.6	10.1	5.8
2002	2,542	1,459	1,083	13.1	16.9	10.1	1,487	861	626	7.3	10.0	5.3
2003	2,598	1,476	1,122	13.3	16.9	10.4	1,535	882	653	7.5	10.2	5.6
2004	2,631	1,500	1,131	13.6	17.3	10.6	1,506	874	632	7.4	10.0	5.4
2005	2,585	1,483	1,102	13.2	16.8	10.3	1,501	827	674	7.3	9.4	5.8
2006	2,632	1,499	1,133	13.5	17.2	10.5	1,522	871	651	7.4	9.8	5.5
2007	2,727	1,586	1,141	14.1	17.9	10.9	1,545	884	661	7.5	9.9	5.6
2008	2,789	1,600	1,189	14.1	17.6	11.4	1,453	828	625	6.9	9.1	5.2
2009	2,786	1,653	1,133	14.0	18.3	10.4	1,564	902	662	7.3	9.7	5.5
2010	2,983	1,685	1,298	14.7	18.2	11.7	1,557	901	656	7.3	9.7	5.3
2011	2,797	1,599	1,198	13.8	16.9	11.2	1,502	859	643	6.9	9.0	5.2
2012	2,805	1,703	1,102	13.8	18.0	10.2	1,543	922	621	6.9	9.5	5.0
2013	2,864	1,729	1,135	13.8	18.0	10.1	1,549	887	662	6.9	9.1	5.2
2014	2,882	1,703	1,179	13.8	17.4	10.7	1,567	914	653	6.8	9.1	5.1
2015	2,808	1,666	1,142	13.4	16.8	10.5	1,503	904	599	6.5	8.9	4.8

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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, Leukemia

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	1,151	599	552	9.2	9.3	9.0	91	42	49	0.7	0.7	0.8
05 - 09	617	360	257	4.9	5.5	4.1	69	41	28	0.5	0.6	0.5
10 - 14	462	260	202	3.6	4.0	3.3	96	53	43	0.8	0.8	0.7
15 - 19	494	306	188	3.7	4.5	2.9	144	87	57	1.1	1.3	0.9
20 - 24	428	264	164	2.9	3.5	2.3	167	104	63	1.2	1.4	0.9
25 - 29	440	258	182	3.1	3.5	2.6	149	95	54	1.0	1.3	0.8
30 - 34	479	266	213	3.5	3.8	3.2	146	90	56	1.1	1.3	0.8
35 - 39	571	331	240	4.5	5.2	3.8	188	107	81	1.5	1.7	1.3
40 - 44	658	377	281	5.0	5.7	4.3	209	117	92	1.6	1.8	1.4
45 - 49	971	572	399	7.4	8.8	6.1	325	185	140	2.5	2.8	2.2
50 - 54	1,354	810	544	10.3	12.4	8.2	435	248	187	3.3	3.8	2.8
55 - 59	1,775	1,050	725	14.8	17.9	11.8	636	363	273	5.3	6.2	4.4
60 - 64	2,193	1,285	908	21.7	26.6	17.2	864	499	365	8.6	10.3	6.9
65 - 69	2,522	1,574	948	32.1	42.6	22.8	1,182	720	462	15.0	19.5	11.1
70 - 74	2,491	1,493	998	44.7	58.5	33.0	1,369	814	555	24.6	31.9	18.3
75 - 79	2,330	1,378	952	56.7	75.8	41.5	1,584	931	653	38.5	51.2	28.5
80 - 84	2,223	1,293	930	71.8	99.6	51.7	1,779	1,052	727	57.5	81.0	40.5
85 +	2,533	1,261	1,272	75.9	105.7	59.2	2,618	1,344	1,274	78.4	112.7	59.3
Total/Crude	23,692	13,737	9,955	12.2	15.4	9.6	12,051	6,892	5,159	6.3	7.2	5.3
ASIAN/PACIFIC ISLANDER												
00 - 04	123	68	55	8.2	8.8	7.5	11	3	8	0.7	0.4	1.1
05 - 09	59	33	26	3.8	4.1	3.4	14	6	8	0.9	0.8	1.1
10 - 14	51	31	20	3.2	3.8	2.6	9	5	4	0.6	0.6	0.5
15 - 19	66	35	31	4.0	4.1	3.8	20	15	5	1.2	1.8	0.6
20 - 24	37	28	9	1.9	2.8	0.9	18	14	4	0.9	1.4	0.4
25 - 29	54	29	25	2.4	2.7	2.2	16	12	4	0.7	1.1	0.4
30 - 34	75	41	34	3.4	3.9	2.9	26	15	11	1.2	1.4	0.9
35 - 39	75	35	40	3.5	3.5	3.5	29	15	14	1.3	1.5	1.2
40 - 44	68	31	37	3.1	3.0	3.1	23	12	11	1.0	1.2	0.9
45 - 49	102	57	45	5.0	6.0	4.1	45	22	23	2.2	2.3	2.1
50 - 54	122	71	51	6.1	7.8	4.8	62	37	25	3.1	4.0	2.3
55 - 59	162	86	76	8.8	10.3	7.6	84	47	37	4.6	5.6	3.7
60 - 64	210	103	107	13.3	14.6	12.3	89	42	47	5.7	6.0	5.4
65 - 69	174	97	77	14.8	18.4	11.8	111	51	60	9.4	9.7	9.2
70 - 74	212	125	87	25.1	33.3	18.5	130	71	59	15.4	18.9	12.6
75 - 79	214	117	97	33.4	42.6	26.5	162	96	66	25.3	35.0	18.1
80 - 84	170	97	73	37.2	52.3	26.8	141	82	59	30.8	44.3	21.7
85 +	181	82	99	40.9	50.0	35.5	183	98	85	41.4	59.8	30.5
Total/Crude	2,155	1,166	989	7.6	9.2	6.4	1,173	643	530	4.2	4.8	3.6

(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, Leukemia (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	37	17	20	4.7	4.3	5.2	6	1	5	0.8	0.3	1.3
05 - 09	24	15	9	3.1	3.8	2.3	2	1	1	0.3	0.3	0.3
10 - 14	18	11	7	2.2	2.6	1.7	3	2	1	0.4	0.5	0.3
15 - 19	19	10	9	2.1	2.1	2.0	8	4	4	0.9	0.8	0.9
20 - 24	22	7	15	2.1	1.3	3.0	6	2	4	0.6	0.4	0.8
25 - 29	26	11	15	2.8	2.3	3.3	5	2	3	0.5	0.4	0.7
30 - 34	24	10	14	2.9	2.4	3.5	9	2	7	1.1	0.5	1.7
35 - 39	37	24	13	5.0	6.5	3.5	17	11	6	2.3	3.0	1.6
40 - 44	45	30	15	5.7	7.6	3.8	11	8	3	1.4	2.0	0.8
45 - 49	68	42	26	8.0	10.0	6.1	25	17	8	3.0	4.0	1.9
50 - 54	82	47	35	9.2	10.7	7.8	38	19	19	4.3	4.3	4.2
55 - 59	109	69	40	14.0	18.3	10.0	55	30	25	7.1	8.0	6.3
60 - 64	153	87	66	25.2	30.6	20.4	71	40	31	11.7	14.1	9.6
65 - 69	135	84	51	30.9	42.8	21.2	68	50	18	15.6	25.5	7.5
70 - 74	119	65	54	37.7	47.5	30.3	82	45	37	26.0	32.9	20.8
75 - 79	115	69	46	49.5	69.4	34.6	89	45	44	38.3	45.2	33.1
80 - 84	83	50	33	55.7	86.3	36.2	72	34	38	48.3	58.7	41.7
85 +	77	32	45	52.9	68.9	45.4	82	34	48	56.3	73.2	48.4
Total/Crude	1,193	680	513	10.5	13.4	8.2	649	347	302	5.4	5.8	5.0
HISPANIC												
00 - 04	653	334	319	9.8	9.8	9.8	46	23	23	0.7	0.7	0.7
05 - 09	357	211	146	5.3	6.2	4.5	43	28	15	0.6	0.8	0.5
10 - 14	289	158	131	4.5	4.8	4.1	68	37	31	1.1	1.1	1.0
15 - 19	293	189	104	4.4	5.6	3.2	90	52	38	1.4	1.6	1.2
20 - 24	253	161	92	3.8	4.7	2.9	117	77	40	1.8	2.3	1.3
25 - 29	209	130	79	3.5	4.1	2.8	90	56	34	1.5	1.8	1.2
30 - 34	206	121	85	3.6	4.1	3.1	77	52	25	1.3	1.8	0.9
35 - 39	257	156	101	4.8	5.7	3.8	99	53	46	1.8	1.9	1.7
40 - 44	263	157	106	5.1	6.0	4.1	104	58	46	2.0	2.2	1.8
45 - 49	319	169	150	6.9	7.2	6.6	120	61	59	2.6	2.6	2.6
50 - 54	337	189	148	8.6	9.7	7.5	130	78	52	3.3	4.0	2.6
55 - 59	367	205	162	11.8	13.6	10.1	175	93	82	5.6	6.2	5.1
60 - 64	329	165	164	14.5	15.4	13.7	189	97	92	8.4	9.1	7.7
65 - 69	358	207	151	22.7	28.7	17.6	204	117	87	12.9	16.2	10.2
70 - 74	323	171	152	29.9	36.3	24.9	190	97	93	17.6	20.6	15.2
75 - 79	297	157	140	38.1	48.0	31.0	229	115	114	29.4	35.2	25.2
80 - 84	305	169	136	55.2	76.0	41.2	265	144	121	47.9	64.7	36.6
85 +	247	130	117	49.2	70.7	36.8	251	136	115	50.0	73.9	36.2
Total/Crude	5,662	3,179	2,483	9.9	12.0	8.3	2,487	1,374	1,113	3.4	3.7	3.0

(Table Continues)

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

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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, Leukemia (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	323	172	151	9.1	9.4	8.7	27	15	12	0.8	0.8	0.7
05 - 09	172	97	75	4.8	5.2	4.3	10	6	4	0.3	0.3	0.2
10 - 14	104	60	44	2.8	3.1	2.4	15	8	7	0.4	0.4	0.4
15 - 19	113	71	42	2.8	3.4	2.1	25	15	10	0.6	0.7	0.5
20 - 24	113	67	46	2.3	2.7	2.0	26	11	15	0.5	0.4	0.7
25 - 29	137	80	57	2.7	3.0	2.3	36	23	13	0.7	0.9	0.5
30 - 34	165	90	75	3.4	3.6	3.2	31	20	11	0.6	0.8	0.5
35 - 39	191	112	79	4.3	4.9	3.7	41	27	14	0.9	1.2	0.7
40 - 44	269	150	119	5.5	6.0	5.0	69	38	31	1.4	1.5	1.3
45 - 49	456	288	168	8.4	10.4	6.3	132	84	48	2.4	3.0	1.8
50 - 54	766	478	288	12.2	15.1	9.2	200	113	87	3.2	3.6	2.8
55 - 59	1,090	664	426	17.5	21.4	13.7	315	189	126	5.1	6.1	4.1
60 - 64	1,430	879	551	25.6	32.1	19.3	504	312	192	9.0	11.4	6.7
65 - 69	1,784	1,148	636	38.6	51.4	26.6	791	499	292	17.1	22.3	12.2
70 - 74	1,756	1,082	674	53.1	69.6	38.5	957	595	362	29.0	38.3	20.7
75 - 79	1,654	1,006	648	67.8	90.7	48.7	1,096	670	426	44.9	60.4	32.0
80 - 84	1,634	956	678	85.0	115.6	61.8	1,293	789	504	67.2	95.4	46.0
85 +	1,999	1,000	999	89.3	126.0	69.2	2,096	1,072	1,024	93.7	135.0	70.9
Total/Crude	14,156	8,400	5,756	13.7	17.4	10.5	7,664	4,486	3,178	9.9	11.7	8.2

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. 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, Leukemia

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.07	0.11	0.14	1.62	0.06	0.09	0.12	1.15
25	0.04	0.09	0.19	1.52	0.03	0.07	0.13	1.06
35	0.05	0.15	0.35	1.50	0.04	0.11	0.24	1.04
45	0.10	0.30	0.68	1.47	0.07	0.20	0.43	1.01
55	0.21	0.60	1.09	1.43	0.13	0.37	0.68	0.96
65	0.43	0.96	-	1.34	0.25	0.58	-	0.88
Lifetime Risk of Being Diagnosed = 1.62%				Lifetime Risk of Being Diagnosed = 1.15%				
Lifetime Risk of Dying of Cancer = 1.07%				Lifetime Risk of Dying of Cancer = 0.75%				
ASIAN/PACIFIC ISLANDER								
0	0.06	0.10	0.13	1.14	0.05	0.08	0.10	0.88
25	0.03	0.07	0.13	1.04	0.02	0.06	0.10	0.80
35	0.03	0.10	0.21	1.01	0.03	0.07	0.16	0.78
45	0.07	0.18	0.40	0.99	0.04	0.13	0.26	0.75
55	0.12	0.34	0.66	0.95	0.09	0.23	0.43	0.72
65	0.24	0.57	-	0.88	0.14	0.35	-	0.65
Lifetime Risk of Being Diagnosed = 1.14%				Lifetime Risk of Being Diagnosed = 0.88%				
Lifetime Risk of Dying of Cancer = 0.86%				Lifetime Risk of Dying of Cancer = 0.60%				
NON-HISPANIC BLACK								
0	0.04	0.06	0.08	1.09	0.04	0.05	0.08	0.83
25	0.03	0.09	0.18	1.06	0.03	0.07	0.13	0.78
35	0.07	0.16	0.36	1.06	0.03	0.10	0.22	0.76
45	0.10	0.30	0.58	1.03	0.06	0.19	0.38	0.74
55	0.21	0.51	0.83	0.99	0.14	0.33	0.53	0.70
65	0.35	0.73	-	0.92	0.22	0.44	-	0.63
Lifetime Risk of Being Diagnosed = 1.09%				Lifetime Risk of Being Diagnosed = 0.83%				
Lifetime Risk of Dying of Cancer = 0.72%				Lifetime Risk of Dying of Cancer = 0.62%				
HISPANIC								
0	0.07	0.13	0.17	1.30	0.07	0.10	0.13	0.97
25	0.04	0.10	0.18	1.17	0.03	0.07	0.13	0.86
35	0.06	0.14	0.27	1.14	0.04	0.11	0.21	0.84
45	0.08	0.21	0.46	1.10	0.07	0.18	0.35	0.81
55	0.14	0.39	0.75	1.06	0.11	0.29	0.54	0.76
65	0.28	0.66	-	1.00	0.19	0.45	-	0.68
Lifetime Risk of Being Diagnosed = 1.30%				Lifetime Risk of Being Diagnosed = 0.97%				
Lifetime Risk of Dying of Cancer = 0.91%				Lifetime Risk of Dying of Cancer = 0.67%				
NON-HISPANIC WHITE								
0	0.07	0.10	0.13	1.79	0.06	0.08	0.10	1.25
25	0.03	0.09	0.21	1.70	0.03	0.07	0.14	1.17
35	0.06	0.18	0.41	1.69	0.04	0.12	0.26	1.15
45	0.12	0.36	0.80	1.67	0.08	0.22	0.49	1.12
55	0.25	0.71	1.27	1.62	0.15	0.43	0.79	1.08
65	0.51	1.13	-	1.51	0.29	0.67	-	0.98
Lifetime Risk of Being Diagnosed = 1.79%				Lifetime Risk of Being Diagnosed = 1.25%				
Lifetime Risk of Dying of Cancer = 1.15%				Lifetime Risk of Dying of Cancer = 0.79%				

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.
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