

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, 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	2,965	1,684	1,281	12.2	16.0	9.4	1,811	1,049	762	7.8	10.6	5.8
1989	3,133	1,752	1,381	12.6	16.2	10.0	1,826	1,037	789	7.5	10.1	5.7
1990	3,243	1,847	1,396	12.8	16.7	10.0	1,991	1,138	853	8.1	11.0	6.1
1991	3,237	1,842	1,395	12.4	16.1	9.6	1,882	1,066	816	7.5	10.0	5.8
1992	3,273	1,863	1,410	12.4	16.1	9.6	2,025	1,164	861	7.9	10.8	5.9
1993	3,414	1,897	1,517	12.6	16.2	10.1	2,004	1,090	914	7.7	9.8	6.2
1994	3,338	1,921	1,417	12.2	16.1	9.3	1,904	1,081	823	7.2	9.7	5.5
1995	3,528	2,032	1,496	12.7	16.6	9.7	2,000	1,135	865	7.5	9.9	5.7
1996	3,436	1,913	1,523	12.2	15.4	9.8	2,008	1,139	869	7.3	9.8	5.6
1997	3,588	2,056	1,532	12.4	16.2	9.6	2,068	1,189	879	7.4	10.1	5.6
1998	3,624	2,070	1,554	12.3	15.9	9.6	2,003	1,112	891	7.0	9.1	5.5
1999	3,646	2,104	1,542	12.1	15.7	9.4	2,122	1,229	893	7.3	9.9	5.4
2000	3,852	2,187	1,665	12.6	16.2	9.9	2,108	1,208	900	7.1	9.6	5.3
2001	3,915	2,235	1,680	12.6	16.2	9.8	2,148	1,200	948	7.1	9.3	5.5
2002	3,879	2,208	1,671	12.2	15.6	9.6	2,123	1,218	905	6.9	9.2	5.2
2003	3,954	2,234	1,720	12.3	15.4	9.7	2,216	1,250	966	7.0	9.3	5.4
2004	4,058	2,298	1,760	12.4	15.7	9.9	2,170	1,253	917	6.8	9.1	5.1
2005	4,023	2,289	1,734	12.1	15.3	9.6	2,201	1,234	967	6.8	8.8	5.2
2006	4,151	2,318	1,833	12.3	15.3	10.0	2,248	1,274	974	6.8	9.0	5.2
2007	4,327	2,495	1,832	12.6	16.0	9.9	2,270	1,282	988	6.8	8.9	5.2
2008	4,561	2,576	1,985	13.0	16.2	10.5	2,249	1,254	995	6.6	8.4	5.2
2009	4,621	2,664	1,957	12.9	16.5	10.1	2,356	1,323	1,033	6.7	8.7	5.2
2010	4,816	2,703	2,113	13.2	16.4	10.7	2,356	1,344	1,012	6.6	8.7	5.0
2011	4,661	2,616	2,045	12.5	15.4	10.3	2,370	1,330	1,040	6.5	8.3	5.1
2012	4,816	2,843	1,973	12.7	16.4	9.7	2,399	1,367	1,032	6.4	8.4	4.9
2013	4,964	2,897	2,067	12.8	16.3	9.9	2,453	1,390	1,063	6.4	8.4	4.9
2014	5,051	2,931	2,120	12.7	16.0	9.9	2,491	1,425	1,066	6.3	8.2	4.8
2015	4,991	2,870	2,121	12.3	15.4	9.9	2,338	1,380	958	5.8	7.9	4.3
2016	4,984	2,951	2,033	12.1	15.5	9.3	2,393	1,368	1,025	5.8	7.5	4.4
2017	4,827	2,821	2,006	11.5	14.6	9.0	2,379	1,381	998	5.7	7.5	4.2

(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.

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.

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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	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	190	106	84	7.9	10.0	6.2	105	70	35	4.9	7.6	2.7
1993	228	124	104	9.3	10.8	8.0	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	217	121	96	7.2	9.0	5.8	126	71	55	4.5	5.9	3.4
1998	252	151	101	8.0	10.4	6.0	133	70	63	4.7	5.4	4.1
1999	259	143	116	8.3	10.2	6.8	150	90	60	4.9	6.7	3.6
2000	266	142	124	7.8	9.3	6.6	138	82	56	4.3	5.8	3.1
2001	278	155	123	7.8	10.1	6.3	144	74	70	4.2	5.1	3.5
2002	295	159	136	7.7	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	309	178	131	7.7	10.1	5.9	166	97	69	4.4	5.8	3.3
2005	309	170	139	7.3	9.0	6.0	172	102	70	4.3	5.9	3.1
2006	315	163	152	7.3	8.5	6.4	154	86	68	3.8	4.8	3.0
2007	337	190	147	7.5	9.5	5.9	166	97	69	3.8	5.3	2.8
2008	392	200	192	8.4	9.7	7.5	201	95	106	4.4	4.9	4.1
2009	406	221	185	8.3	10.2	6.9	222	119	103	4.7	6.0	3.8
2010	377	208	169	7.5	9.4	6.1	230	120	110	4.7	5.7	3.9
2011	415	224	191	7.9	9.5	6.6	242	131	111	4.6	5.8	3.8
2012	440	264	176	8.1	10.9	5.8	222	120	102	4.1	5.2	3.3
2013	426	209	217	7.5	8.2	6.9	241	139	102	4.3	5.8	3.1
2014	493	270	223	8.5	10.3	7.1	240	119	121	4.0	4.6	3.6
2015	452	244	208	7.5	8.9	6.4	228	134	94	3.7	5.1	2.7
2016	488	286	202	7.8	10.1	5.9	252	140	112	3.9	4.9	3.1
2017	494	270	224	7.6	9.2	6.3	256	153	103	3.8	5.3	2.7

(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 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	163	96	67	11.3	14.7	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	165	101	64	10.2	14.3	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	170	90	80	9.6	11.9	8.1	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	198	108	90	11.0	14.1	8.9	112	60	52	6.7	8.8	5.4
2001	203	118	85	11.0	14.4	8.4	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	212	117	95	11.4	14.3	9.2	138	79	59	7.9	10.7	6.0
2004	203	112	91	10.6	12.8	8.8	117	68	49	6.4	8.7	4.7
2005	194	98	96	10.0	11.9	8.7	117	67	50	6.4	8.7	4.7
2006	174	89	85	8.8	10.6	7.9	123	71	52	6.6	9.7	4.8
2007	211	120	91	10.7	14.0	8.4	114	62	52	6.1	8.2	4.9
2008	207	113	94	10.5	13.1	8.6	143	76	67	7.5	9.4	6.3
2009	223	125	98	10.7	13.8	8.5	127	71	56	6.6	8.8	5.2
2010	225	125	100	10.5	13.0	8.5	118	67	51	5.8	7.8	4.3
2011	232	134	98	10.9	14.0	8.4	150	83	67	7.3	9.2	5.7
2012	252	146	106	11.4	14.8	8.6	122	57	65	6.0	6.7	5.6
2013	255	131	124	11.3	13.0	9.9	150	78	72	7.0	8.5	5.8
2014	254	155	99	10.8	14.5	7.9	131	79	52	5.8	8.0	4.2
2015	246	135	111	10.3	13.1	8.4	96	50	46	4.3	5.2	3.8
2016	249	136	113	10.3	12.4	8.7	137	81	56	5.8	8.3	4.3
2017	233	136	97	9.7	12.8	7.3	111	57	54	4.9	5.8	4.2

(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	384	210	174	8.3	9.7	7.3	193	110	83	5.1	5.5	4.7
1989	416	228	188	8.6	10.5	7.2	211	133	78	5.2	7.6	3.4
1990	493	285	208	10.8	12.8	9.1	259	135	124	6.1	6.9	5.6
1991	490	278	212	9.2	11.9	7.1	270	150	120	6.5	8.3	5.3
1992	503	285	218	9.4	10.7	8.4	296	161	135	6.4	7.2	5.8
1993	526	283	243	9.0	10.3	8.0	268	145	123	5.8	7.1	4.9
1994	530	303	227	9.2	10.9	7.7	246	125	121	5.5	6.0	5.1
1995	587	342	245	10.3	13.3	8.1	289	164	125	6.2	7.9	5.0
1996	614	347	267	9.2	10.9	7.8	310	174	136	6.0	7.0	5.2
1997	635	363	272	9.7	11.5	8.3	325	185	140	6.4	8.0	5.3
1998	672	380	292	10.3	12.6	8.4	306	160	146	5.6	6.2	5.0
1999	667	393	274	9.8	11.9	7.9	337	187	150	5.9	7.1	5.0
2000	726	396	330	10.1	13.2	8.0	338	193	145	6.0	7.6	4.9
2001	746	405	341	9.9	11.2	8.9	365	201	164	5.5	7.1	4.5
2002	754	427	327	9.7	12.7	7.7	348	191	157	5.4	6.6	4.7
2003	781	421	360	9.7	11.1	8.6	389	218	171	5.8	7.1	4.8
2004	832	463	369	10.3	12.3	8.8	373	210	163	5.5	6.6	4.7
2005	847	489	358	9.8	12.2	7.9	403	234	169	5.6	7.2	4.4
2006	921	507	414	10.3	12.6	8.6	438	239	199	6.0	7.6	5.0
2007	927	523	404	9.6	11.8	8.0	440	237	203	5.5	6.6	4.7
2008	1,029	571	458	10.7	12.8	9.1	442	252	190	5.5	7.1	4.4
2009	1,026	565	461	10.0	11.8	8.6	433	226	207	5.2	5.9	4.6
2010	1,078	593	485	10.3	12.2	8.9	439	248	191	5.2	6.3	4.3
2011	1,087	584	503	10.4	12.4	8.9	460	249	211	5.1	6.2	4.4
2012	1,116	624	492	10.1	12.4	8.4	498	261	237	5.6	6.8	4.8
2013	1,219	718	501	10.9	13.8	8.5	495	275	220	5.5	6.9	4.5
2014	1,191	677	514	10.0	11.9	8.4	539	307	232	5.5	6.8	4.4
2015	1,179	666	513	9.8	12.1	8.1	495	282	213	5.0	6.5	4.0
2016	1,271	694	577	10.3	11.7	9.1	477	271	206	4.6	6.1	3.6
2017	1,158	654	504	9.3	11.2	7.7	509	295	214	4.8	6.1	3.7

(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	2,241	1,264	977	12.9	17.1	10.0	1,435	836	599	8.3	11.6	6.1
1989	2,370	1,334	1,036	13.5	17.6	10.6	1,409	786	623	7.9	10.5	6.1
1990	2,386	1,360	1,026	13.4	17.9	10.2	1,514	877	637	8.5	11.9	6.2
1991	2,390	1,357	1,033	13.3	17.4	10.2	1,382	776	606	7.7	10.4	5.8
1992	2,383	1,352	1,031	13.1	17.4	10.1	1,507	860	647	8.3	11.4	6.1
1993	2,431	1,384	1,047	13.3	17.7	10.2	1,470	801	669	8.0	10.4	6.2
1994	2,396	1,393	1,003	13.1	17.6	9.8	1,425	820	605	7.7	10.6	5.7
1995	2,522	1,471	1,051	13.7	18.3	10.3	1,464	838	626	7.8	10.7	5.8
1996	2,362	1,313	1,049	12.8	16.3	10.2	1,450	823	627	7.6	10.4	5.7
1997	2,528	1,456	1,072	13.5	17.7	10.5	1,518	880	638	7.9	10.9	5.8
1998	2,497	1,424	1,073	13.3	17.1	10.3	1,454	819	635	7.5	9.9	5.7
1999	2,496	1,445	1,051	13.3	17.2	10.2	1,504	876	628	7.6	10.6	5.5
2000	2,626	1,523	1,103	13.7	18.0	10.4	1,511	867	644	7.6	10.3	5.6
2001	2,628	1,525	1,103	13.7	17.9	10.4	1,519	860	659	7.6	10.1	5.8
2002	2,573	1,476	1,097	13.3	17.1	10.3	1,487	861	626	7.3	10.0	5.3
2003	2,623	1,487	1,136	13.4	17.0	10.6	1,535	882	653	7.5	10.2	5.6
2004	2,658	1,514	1,144	13.7	17.5	10.7	1,506	874	632	7.4	10.0	5.4
2005	2,621	1,508	1,113	13.3	17.1	10.4	1,501	827	674	7.3	9.4	5.8
2006	2,679	1,527	1,152	13.8	17.5	10.7	1,522	871	651	7.4	9.8	5.5
2007	2,787	1,618	1,169	14.4	18.2	11.2	1,545	884	661	7.5	9.9	5.6
2008	2,848	1,642	1,206	14.4	18.0	11.5	1,453	828	625	6.9	9.1	5.2
2009	2,862	1,696	1,166	14.4	18.7	10.8	1,564	902	662	7.3	9.7	5.5
2010	3,045	1,719	1,326	14.9	18.5	12.0	1,557	901	656	7.3	9.7	5.3
2011	2,855	1,635	1,220	14.1	17.3	11.4	1,502	859	643	6.9	9.1	5.2
2012	2,914	1,757	1,157	14.3	18.6	10.7	1,543	922	621	6.9	9.5	5.0
2013	2,972	1,783	1,189	14.2	18.6	10.5	1,549	887	662	6.9	9.1	5.2
2014	3,027	1,777	1,250	14.4	18.0	11.2	1,567	914	653	6.8	9.1	5.1
2015	2,989	1,753	1,236	14.2	17.6	11.3	1,503	904	599	6.5	8.9	4.8
2016	2,839	1,756	1,083	13.3	17.5	9.6	1,510	865	645	6.5	8.5	5.0
2017	2,740	1,631	1,109	13.0	16.3	10.0	1,484	867	617	6.3	8.3	4.6

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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, 2013-2017, Leukemia

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	1,158	623	535	9.3	9.8	8.8	93	54	39	0.8	0.9	0.6
05 - 09	628	351	277	4.9	5.4	4.5	69	40	29	0.5	0.6	0.5
10 - 14	504	320	184	4.0	5.0	3.0	88	50	38	0.7	0.8	0.6
15 - 19	503	311	192	3.9	4.7	3.0	136	86	50	1.0	1.3	0.8
20 - 24	428	270	158	3.0	3.6	2.3	184	125	59	1.3	1.7	0.9
25 - 29	466	268	198	3.1	3.5	2.7	141	95	46	0.9	1.2	0.6
30 - 34	525	296	229	3.7	4.1	3.3	142	85	57	1.0	1.2	0.8
35 - 39	542	312	230	4.1	4.7	3.6	179	98	81	1.4	1.5	1.3
40 - 44	683	398	285	5.3	6.2	4.4	206	113	93	1.6	1.8	1.5
45 - 49	972	577	395	7.5	8.9	6.1	296	172	124	2.3	2.7	1.9
50 - 54	1,369	826	543	10.5	12.8	8.2	405	242	163	3.1	3.7	2.5
55 - 59	1,860	1,077	783	15.0	17.8	12.4	606	349	257	4.9	5.8	4.1
60 - 64	2,308	1,376	932	21.8	27.1	16.9	796	459	337	7.5	9.1	6.1
65 - 69	2,711	1,669	1,042	31.5	41.2	22.9	1,189	689	500	13.8	17.0	11.0
70 - 74	2,780	1,666	1,114	45.4	59.3	33.6	1,449	881	568	23.7	31.4	17.1
75 - 79	2,472	1,477	995	56.8	76.5	41.1	1,608	966	642	37.0	50.0	26.5
80 - 84	2,212	1,298	914	70.3	97.5	50.3	1,739	1,040	699	55.3	78.1	38.5
85 +	2,696	1,355	1,341	76.7	106.2	59.9	2,728	1,400	1,328	77.6	109.8	59.3
Total/Crude	24,817	14,470	10,347	12.7	14.9	10.5	12,054	6,944	5,110	6.2	7.2	5.2
ASIAN/PACIFIC ISLANDER												
00 - 04	133	69	64	8.6	8.6	8.5	10	7	3	0.6	0.9	0.4
05 - 09	59	30	29	3.7	3.7	3.7	10	5	5	0.6	0.6	0.7
10 - 14	63	44	19	3.9	5.3	2.4	12	5	7	0.7	0.6	0.9
15 - 19	57	29	28	3.4	3.4	3.4	17	12	5	1.0	1.4	0.6
20 - 24	47	28	19	2.4	2.8	2.0	17	12	5	0.9	1.2	0.5
25 - 29	65	39	26	2.7	3.3	2.2	18	11	7	0.8	0.9	0.6
30 - 34	84	45	39	3.5	4.0	3.1	22	13	9	0.9	1.2	0.7
35 - 39	63	30	33	2.8	2.9	2.8	35	16	19	1.6	1.5	1.6
40 - 44	81	34	47	3.6	3.2	3.9	26	13	13	1.2	1.2	1.1
45 - 49	118	67	51	5.6	6.8	4.5	50	24	26	2.4	2.4	2.3
50 - 54	123	61	62	6.0	6.5	5.7	55	41	14	2.7	4.4	1.3
55 - 59	183	90	93	9.5	10.3	8.9	75	39	36	3.9	4.5	3.4
60 - 64	204	110	94	12.1	14.5	10.1	85	40	45	5.0	5.3	4.8
65 - 69	199	121	78	14.7	20.1	10.3	112	61	51	8.3	10.1	6.8
70 - 74	251	149	102	26.9	36.0	19.6	150	89	61	16.1	21.5	11.7
75 - 79	244	141	103	35.0	46.6	26.1	180	114	66	25.8	37.7	16.7
80 - 84	179	93	86	36.0	45.6	29.3	134	72	62	27.0	35.3	21.2
85 +	200	99	101	39.1	52.1	31.4	209	111	98	40.8	58.4	30.4
Total/Crude	2,353	1,279	1,074	8.0	9.2	7.0	1,217	685	532	4.1	4.9	3.4

(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.

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, Leukemia (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	42	19	23	5.4	4.8	6.1	4	0	4	0.5	0.0	1.1
05 - 09	18	12	6	2.3	3.0	1.6	1	0	1	0.1	0.0	0.3
10 - 14	16	11	5	2.0	2.7	1.3	4	2	2	0.5	0.5	0.5
15 - 19	24	13	11	2.7	2.9	2.6	6	3	3	0.7	0.7	0.7
20 - 24	24	9	15	2.4	1.7	3.1	9	5	4	0.9	0.9	0.8
25 - 29	28	13	15	2.8	2.5	3.1	7	6	1	0.7	1.2	0.2
30 - 34	23	10	13	2.7	2.3	3.2	13	4	9	1.5	0.9	2.2
35 - 39	29	16	13	3.8	4.1	3.4	17	11	6	2.2	2.9	1.6
40 - 44	44	28	16	5.9	7.5	4.3	11	4	7	1.5	1.1	1.9
45 - 49	68	41	27	8.4	10.1	6.6	15	11	4	1.8	2.7	1.0
50 - 54	82	48	34	9.4	11.2	7.7	30	15	15	3.5	3.5	3.4
55 - 59	127	74	53	15.6	18.7	12.7	51	29	22	6.3	7.3	5.3
60 - 64	151	88	63	23.5	29.1	18.5	64	38	26	10.0	12.6	7.7
65 - 69	139	78	61	28.8	35.9	23.0	73	45	28	15.1	20.7	10.6
70 - 74	124	67	57	37.4	46.7	30.3	83	47	36	25.0	32.8	19.1
75 - 79	124	74	50	50.9	71.8	35.6	92	51	41	37.8	49.5	29.2
80 - 84	87	51	36	54.2	80.0	37.2	63	32	31	39.2	50.2	32.0
85 +	87	41	46	56.1	81.6	43.9	82	42	40	52.9	83.6	38.2
Total/Crude	1,237	693	544	10.2	11.6	8.9	625	345	280	5.2	5.8	4.6
HISPANIC												
00 - 04	633	345	288	9.7	10.4	9.0	56	31	25	0.9	0.9	0.8
05 - 09	370	210	160	5.5	6.1	4.8	43	25	18	0.6	0.7	0.5
10 - 14	319	208	111	4.9	6.3	3.5	54	33	21	0.8	1.0	0.7
15 - 19	298	193	105	4.6	5.8	3.3	83	50	33	1.3	1.5	1.0
20 - 24	251	163	88	3.7	4.7	2.7	129	92	37	1.9	2.7	1.1
25 - 29	227	138	89	3.6	4.2	3.0	83	58	25	1.3	1.8	0.8
30 - 34	230	141	89	3.9	4.7	3.2	76	51	25	1.3	1.7	0.9
35 - 39	251	151	100	4.6	5.4	3.7	87	51	36	1.6	1.8	1.3
40 - 44	269	163	106	5.2	6.2	4.1	100	55	45	1.9	2.1	1.7
45 - 49	346	183	163	7.2	7.5	6.9	119	70	49	2.5	2.9	2.1
50 - 54	372	205	167	9.0	9.9	8.1	119	68	51	2.9	3.3	2.5
55 - 59	389	218	171	11.6	13.2	9.9	186	106	80	5.5	6.4	4.7
60 - 64	415	216	199	16.5	18.1	15.1	171	83	88	6.8	7.0	6.7
65 - 69	377	197	180	21.2	24.0	18.8	203	102	101	11.4	12.5	10.5
70 - 74	359	184	175	30.0	35.1	26.0	233	122	111	19.5	23.3	16.5
75 - 79	326	179	147	39.1	51.0	30.4	234	129	105	28.0	36.8	21.7
80 - 84	295	164	131	50.8	70.0	37.8	250	146	104	43.0	62.4	30.0
85 +	291	151	140	50.6	71.5	38.5	289	158	131	50.3	74.8	36.0
Total/Crude	6,018	3,409	2,609	8.0	9.0	7.0	2,515	1,430	1,085	3.3	3.8	2.9

(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, Leukemia (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	325	178	147	9.1	9.7	8.4	22	16	6	0.6	0.9	0.3
05 - 09	169	92	77	4.8	5.1	4.5	15	10	5	0.4	0.6	0.3
10 - 14	102	55	47	2.8	2.9	2.6	17	9	8	0.5	0.5	0.5
15 - 19	119	75	44	3.1	3.7	2.3	29	20	9	0.7	1.0	0.5
20 - 24	100	67	33	2.2	2.8	1.5	29	16	13	0.6	0.7	0.6
25 - 29	138	75	63	2.6	2.8	2.5	31	18	13	0.6	0.7	0.5
30 - 34	182	96	86	3.6	3.7	3.5	29	16	13	0.6	0.6	0.5
35 - 39	186	108	78	4.1	4.6	3.6	38	19	19	0.8	0.8	0.9
40 - 44	274	161	113	6.0	6.9	5.1	67	40	27	1.5	1.7	1.2
45 - 49	412	268	144	8.0	10.2	5.7	109	66	43	2.1	2.5	1.7
50 - 54	743	477	266	12.5	15.9	9.0	194	117	77	3.3	3.9	2.6
55 - 59	1,096	657	439	17.6	21.1	14.1	286	169	117	4.6	5.4	3.8
60 - 64	1,458	913	545	25.7	32.7	18.8	466	291	175	8.2	10.4	6.1
65 - 69	1,911	1,222	689	38.7	51.3	27.0	791	475	316	16.0	19.9	12.4
70 - 74	1,961	1,210	751	54.0	70.8	39.1	972	616	356	26.8	36.0	18.6
75 - 79	1,713	1,042	671	67.1	89.4	48.3	1,092	669	423	42.8	57.4	30.5
80 - 84	1,606	963	643	84.7	117.0	60.0	1,284	785	499	67.7	95.3	46.5
85 +	2,072	1,041	1,031	91.7	127.1	71.6	2,142	1,085	1,057	94.8	132.5	73.4
Total/Crude	14,567	8,700	5,867	19.0	22.7	15.2	7,613	4,437	3,176	9.9	11.6	8.3

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, Leukemia

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.07	0.12	0.15	1.64	0.06	0.09	0.12	1.16
25	0.04	0.09	0.19	1.54	0.03	0.07	0.14	1.07
35	0.05	0.16	0.35	1.52	0.04	0.11	0.24	1.05
45	0.10	0.31	0.68	1.49	0.07	0.20	0.44	1.02
55	0.21	0.60	1.09	1.44	0.14	0.38	0.69	0.98
65	0.43	0.97	-	1.35	0.25	0.58	-	0.89
	Lifetime Risk of Being Diagnosed = 1.64%				Lifetime Risk of Being Diagnosed = 1.16%			
	Lifetime Risk of Dying of Cancer = 1.03%				Lifetime Risk of Dying of Cancer = 0.73%			
ASIAN/PACIFIC ISLANDER								
0	0.06	0.10	0.13	1.17	0.06	0.09	0.11	0.87
25	0.03	0.07	0.13	1.07	0.03	0.06	0.11	0.78
35	0.03	0.10	0.21	1.04	0.03	0.08	0.16	0.76
45	0.06	0.18	0.41	1.02	0.05	0.13	0.26	0.73
55	0.12	0.35	0.67	0.98	0.08	0.22	0.43	0.69
65	0.25	0.58	-	0.91	0.14	0.36	-	0.63
	Lifetime Risk of Being Diagnosed = 1.17%				Lifetime Risk of Being Diagnosed = 0.87%			
	Lifetime Risk of Dying of Cancer = 0.85%				Lifetime Risk of Dying of Cancer = 0.57%			
NON-HISPANIC BLACK								
0	0.04	0.06	0.08	1.10	0.04	0.06	0.08	0.86
25	0.02	0.08	0.18	1.07	0.03	0.07	0.13	0.81
35	0.05	0.15	0.34	1.07	0.04	0.10	0.24	0.78
45	0.10	0.30	0.57	1.05	0.07	0.20	0.40	0.76
55	0.21	0.50	0.82	1.01	0.14	0.35	0.56	0.73
65	0.34	0.72	-	0.95	0.23	0.46	-	0.65
	Lifetime Risk of Being Diagnosed = 1.10%				Lifetime Risk of Being Diagnosed = 0.86%			
	Lifetime Risk of Dying of Cancer = 0.69%				Lifetime Risk of Dying of Cancer = 0.54%			
HISPANIC								
0	0.08	0.13	0.18	1.31	0.07	0.10	0.13	0.99
25	0.04	0.10	0.18	1.17	0.03	0.07	0.14	0.89
35	0.06	0.14	0.28	1.14	0.04	0.11	0.22	0.87
45	0.08	0.23	0.45	1.10	0.07	0.19	0.38	0.83
55	0.15	0.38	0.74	1.06	0.12	0.31	0.55	0.78
65	0.26	0.64	-	0.99	0.20	0.45	-	0.70
	Lifetime Risk of Being Diagnosed = 1.31%				Lifetime Risk of Being Diagnosed = 0.99%			
	Lifetime Risk of Dying of Cancer = 0.89%				Lifetime Risk of Dying of Cancer = 0.63%			
NON-HISPANIC WHITE								
0	0.07	0.10	0.13	1.82	0.06	0.08	0.10	1.27
25	0.03	0.09	0.21	1.73	0.03	0.07	0.14	1.18
35	0.06	0.18	0.42	1.72	0.04	0.11	0.26	1.16
45	0.12	0.36	0.81	1.69	0.07	0.22	0.49	1.13
55	0.25	0.72	1.28	1.64	0.16	0.43	0.79	1.09
65	0.52	1.14	-	1.53	0.29	0.68	-	0.99
	Lifetime Risk of Being Diagnosed = 1.82%				Lifetime Risk of Being Diagnosed = 1.27%			
	Lifetime Risk of Dying of Cancer = 1.11%				Lifetime Risk of Dying of Cancer = 0.78%			

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.

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