

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: Acute Lymphocytic

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	483	286	197	1.7	2.1	1.4	162	103	59	0.6	0.8	0.4
1989	444	239	205	1.5	1.6	1.4	171	104	67	0.6	0.8	0.5
1990	451	258	193	1.5	1.7	1.3	210	121	89	0.8	0.9	0.6
1991	496	279	217	1.6	1.7	1.4	172	98	74	0.6	0.7	0.5
1992	493	290	203	1.5	1.8	1.3	202	114	88	0.7	0.8	0.6
1993	523	281	242	1.6	1.7	1.5	178	106	72	0.6	0.8	0.5
1994	493	284	209	1.5	1.7	1.2	160	89	71	0.5	0.6	0.5
1995	521	299	222	1.5	1.8	1.3	173	98	75	0.6	0.6	0.5
1996	561	327	234	1.6	1.9	1.4	199	122	77	0.7	0.8	0.5
1997	578	314	264	1.7	1.9	1.5	198	124	74	0.6	0.8	0.5
1998	564	328	236	1.7	1.9	1.4	188	110	78	0.6	0.7	0.5
1999	545	314	231	1.6	1.8	1.4	178	101	77	0.6	0.6	0.5
2000	600	330	270	1.7	1.9	1.6	216	124	92	0.7	0.8	0.6
2001	589	312	277	1.7	1.8	1.6	197	105	92	0.6	0.6	0.5
2002	622	338	284	1.8	1.9	1.6	203	123	80	0.6	0.8	0.5
2003	591	347	244	1.7	1.9	1.4	227	143	84	0.7	0.8	0.5
2004	677	396	281	1.9	2.3	1.6	219	117	102	0.6	0.7	0.6
2005	622	359	263	1.7	2.0	1.5	242	140	102	0.7	0.9	0.6
2006	675	371	304	1.9	2.0	1.7	215	111	104	0.6	0.6	0.6
2007	677	374	303	1.9	2.1	1.7	219	132	87	0.6	0.8	0.5
2008	705	382	323	1.9	2.1	1.8	224	120	104	0.6	0.7	0.6
2009	698	397	301	1.9	2.2	1.7	198	110	88	0.5	0.6	0.5
2010	738	421	317	2.0	2.3	1.7	226	125	101	0.6	0.7	0.5
2011	735	393	342	2.0	2.1	1.9	239	137	102	0.6	0.8	0.5
2012	743	432	311	2.0	2.3	1.7	244	140	104	0.6	0.8	0.5
2013	730	426	304	2.0	2.3	1.6	212	118	94	0.6	0.6	0.5
2014	796	454	342	2.1	2.4	1.8	258	145	113	0.7	0.8	0.6
2015	779	430	349	2.1	2.3	1.9	233	139	94	0.6	0.7	0.5
2016	819	478	341	2.2	2.5	1.8	260	155	105	0.6	0.8	0.5
2017	754	435	319	2.0	2.3	1.7	218	126	92	0.5	0.7	0.4

(Table Continues)

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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	45	28	17	2.0	2.4	1.6	12	8	4	-	-	-
1989	33	20	13	1.2	1.4	-	9	6	3	-	-	-
1990	45	26	19	1.6	2.0	1.2	13	10	3	-	-	-
1991	24	13	11	0.9	-	-	15	9	6	0.5	-	-
1992	48	23	25	1.5	1.5	1.5	11	5	6	-	-	-
1993	40	19	21	1.2	1.2	1.3	14	10	4	-	-	-
1994	44	22	22	1.2	1.2	1.2	11	4	7	-	-	-
1995	44	27	17	1.3	1.6	1.0	16	7	9	0.5	-	-
1996	49	35	14	1.4	2.0	-	19	11	8	0.6	-	-
1997	48	24	24	1.3	1.3	1.3	8	6	2	-	-	-
1998	60	38	22	1.7	2.1	1.2	13	7	6	-	-	-
1999	48	23	25	1.3	1.2	1.4	11	4	7	-	-	-
2000	41	22	19	1.1	1.2	1.0	13	6	7	-	-	-
2001	53	22	31	1.4	1.1	1.6	22	11	11	0.6	-	-
2002	70	38	32	1.7	1.9	1.5	21	13	8	0.5	-	-
2003	60	40	20	1.5	1.9	1.0	20	6	14	0.5	-	-
2004	69	40	29	1.7	2.1	1.3	26	12	14	0.6	-	-
2005	55	39	16	1.3	1.8	0.8	19	10	9	0.4	-	-
2006	54	24	30	1.3	1.1	1.4	10	6	4	-	-	-
2007	50	22	28	1.1	1.0	1.3	12	5	7	-	-	-
2008	65	35	30	1.5	1.6	1.3	19	10	9	0.4	-	-
2009	63	30	33	1.4	1.3	1.4	17	7	10	0.4	-	-
2010	62	38	24	1.3	1.7	1.0	24	13	11	0.5	-	-
2011	66	37	29	1.4	1.6	1.2	21	12	9	0.4	-	-
2012	81	51	30	1.6	2.2	1.1	27	18	9	0.5	0.7	-
2013	63	28	35	1.2	1.1	1.4	21	15	6	0.4	0.6	-
2014	90	50	40	1.8	1.9	1.6	32	15	17	0.6	0.5	0.6
2015	75	39	36	1.4	1.5	1.4	25	17	8	0.4	0.6	-
2016	92	53	39	1.7	1.9	1.5	29	13	16	0.5	-	0.4
2017	77	44	33	1.4	1.7	1.2	25	15	10	0.4	0.5	-

(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	22	16	6	1.1	1.4	-	18	13	5	1.0	-	-
1989	18	7	11	0.9	-	-	10	5	5	-	-	-
1990	16	13	3	0.7	-	-	15	10	5	0.9	-	-
1991	18	7	11	0.8	-	-	7	5	2	-	-	-
1992	28	15	13	1.2	1.5	-	7	5	2	-	-	-
1993	26	11	15	1.1	-	1.3	6	3	3	-	-	-
1994	19	11	8	0.7	-	-	7	4	3	-	-	-
1995	16	8	8	0.7	-	-	10	7	3	-	-	-
1996	18	10	8	0.8	-	-	11	5	6	-	-	-
1997	29	17	12	1.3	1.5	-	7	6	1	-	-	-
1998	24	14	10	1.0	-	-	11	8	3	-	-	-
1999	18	12	6	0.8	-	-	9	6	3	-	-	-
2000	23	8	15	1.0	-	1.2	9	6	3	-	-	-
2001	28	13	15	1.1	-	1.2	4	3	1	-	-	-
2002	21	9	12	0.8	-	-	11	4	7	-	-	-
2003	14	9	5	-	-	-	12	8	4	-	-	-
2004	29	16	13	1.2	1.4	-	6	5	1	-	-	-
2005	24	13	11	1.0	-	-	11	7	4	-	-	-
2006	26	16	10	1.1	1.5	-	13	7	6	-	-	-
2007	20	13	7	0.9	-	-	3	2	1	-	-	-
2008	27	15	12	1.3	1.5	-	9	4	5	-	-	-
2009	22	14	8	1.0	-	-	8	8	0	-	-	-
2010	27	14	13	1.1	-	-	9	2	7	-	-	-
2011	30	14	16	1.3	-	1.4	7	5	2	-	-	-
2012	31	21	10	1.3	1.7	-	7	3	4	-	-	-
2013	32	15	17	1.4	1.4	1.4	12	4	8	-	-	-
2014	31	16	15	1.3	1.3	1.3	7	3	4	-	-	-
2015	13	5	8	-	-	-	6	2	4	-	-	-
2016	30	15	15	1.2	1.2	1.2	8	3	5	-	-	-
2017	30	16	14	1.3	1.4	-	9	5	4	-	-	-

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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	147	89	58	2.0	2.3	1.6	35	22	13	0.6	0.7	-
1989	164	96	68	2.0	2.4	1.6	52	39	13	1.0	1.7	-
1990	149	83	66	1.7	1.7	1.6	67	33	34	0.9	0.8	1.0
1991	193	106	87	1.9	2.0	1.8	62	30	32	0.9	0.8	0.9
1992	190	117	73	1.9	2.2	1.5	76	48	28	0.9	1.2	0.6
1993	202	122	80	1.9	2.2	1.6	62	43	19	0.7	1.0	0.5
1994	220	130	90	1.9	2.0	1.7	60	36	24	0.7	0.8	0.6
1995	224	129	95	2.0	2.3	1.7	64	37	27	0.8	0.8	0.7
1996	272	161	111	2.3	2.6	1.9	82	51	31	0.9	1.0	0.8
1997	256	146	110	2.3	2.4	2.1	82	51	31	1.0	1.2	0.9
1998	262	152	110	2.2	2.4	2.0	83	47	36	0.9	1.0	0.8
1999	252	157	95	2.0	2.4	1.6	85	45	40	0.9	0.8	0.9
2000	293	161	132	2.2	2.5	2.0	82	51	31	0.8	1.0	0.7
2001	288	161	127	2.3	2.6	2.1	104	59	45	1.0	1.0	0.9
2002	313	177	136	2.3	2.4	2.2	92	55	37	0.9	1.0	0.7
2003	306	175	131	2.3	2.5	2.0	104	72	32	0.9	1.1	0.6
2004	321	186	135	2.3	2.5	2.1	104	58	46	1.0	0.9	1.0
2005	343	191	152	2.6	2.7	2.4	110	63	47	1.1	1.2	1.0
2006	361	194	167	2.5	2.5	2.5	111	53	58	1.0	0.8	1.1
2007	376	211	165	2.5	2.7	2.3	121	76	45	1.0	1.3	0.7
2008	403	220	183	2.7	2.8	2.6	118	63	55	1.0	1.0	1.0
2009	385	212	173	2.5	2.8	2.2	95	52	43	0.8	0.8	0.8
2010	414	231	183	2.7	2.9	2.4	109	61	48	0.9	0.9	0.8
2011	388	197	191	2.6	2.5	2.6	123	65	58	1.0	1.1	0.9
2012	407	225	182	2.6	2.9	2.3	119	68	51	1.0	1.2	0.8
2013	406	237	169	2.6	3.0	2.1	107	59	48	0.9	1.0	0.8
2014	439	267	172	2.7	3.2	2.2	132	82	50	1.0	1.2	0.7
2015	443	250	193	2.8	3.1	2.5	125	74	51	0.9	1.0	0.7
2016	462	265	197	2.9	3.2	2.5	132	83	49	0.9	1.1	0.7
2017	410	243	167	2.5	3.0	2.1	107	61	46	0.7	0.8	0.7

(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	264	150	114	1.7	2.0	1.4	97	60	37	0.6	0.8	0.4
1989	225	116	109	1.4	1.5	1.3	100	54	46	0.6	0.7	0.5
1990	237	133	104	1.5	1.7	1.3	114	68	46	0.7	0.9	0.5
1991	257	151	106	1.6	1.9	1.3	87	53	34	0.5	0.7	0.4
1992	222	131	91	1.4	1.7	1.0	106	56	50	0.6	0.7	0.6
1993	249	126	123	1.5	1.6	1.4	96	50	46	0.6	0.7	0.5
1994	207	120	87	1.3	1.6	1.1	81	44	37	0.5	0.6	0.4
1995	230	132	98	1.4	1.7	1.2	82	46	36	0.5	0.6	0.4
1996	215	120	95	1.4	1.5	1.2	86	55	31	0.5	0.7	0.3
1997	240	123	117	1.5	1.6	1.5	100	61	39	0.6	0.8	0.4
1998	215	122	93	1.4	1.6	1.2	80	48	32	0.5	0.6	0.3
1999	220	118	102	1.5	1.6	1.4	72	45	27	0.4	0.6	0.3
2000	239	137	102	1.6	1.9	1.3	110	60	50	0.6	0.8	0.5
2001	207	114	93	1.4	1.6	1.3	66	31	35	0.4	0.4	0.4
2002	212	110	102	1.4	1.5	1.4	78	50	28	0.5	0.6	0.3
2003	206	119	87	1.4	1.6	1.1	88	54	34	0.5	0.7	0.4
2004	252	151	101	1.8	2.2	1.4	83	42	41	0.5	0.5	0.5
2005	195	113	82	1.4	1.6	1.2	102	60	42	0.6	0.7	0.5
2006	225	134	91	1.6	2.0	1.2	79	43	36	0.4	0.5	0.4
2007	223	121	102	1.7	1.8	1.5	82	49	33	0.5	0.6	0.4
2008	207	110	97	1.5	1.6	1.4	76	42	34	0.4	0.5	0.4
2009	224	139	85	1.7	2.1	1.3	78	43	35	0.4	0.5	0.4
2010	229	133	96	1.6	1.9	1.4	83	48	35	0.5	0.6	0.4
2011	241	140	101	1.8	2.0	1.5	86	54	32	0.5	0.6	0.3
2012	219	132	87	1.6	2.0	1.3	86	50	36	0.4	0.5	0.3
2013	226	143	83	1.6	2.1	1.2	72	40	32	0.4	0.5	0.3
2014	227	117	110	1.7	1.7	1.6	87	45	42	0.4	0.5	0.4
2015	236	129	107	1.8	1.9	1.7	75	46	29	0.4	0.5	0.3
2016	219	136	83	1.6	1.9	1.3	89	55	34	0.5	0.6	0.3
2017	219	125	94	1.7	1.9	1.5	74	44	30	0.4	0.5	0.3

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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: Acute Lymphocytic

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	929	494	435	7.4	7.7	7.1	39	19	20	0.3	0.3	0.3
05 - 09	536	294	242	4.2	4.5	3.9	39	24	15	0.3	0.4	0.2
10 - 14	361	224	137	2.9	3.5	2.2	45	23	22	0.4	0.4	0.4
15 - 19	327	215	112	2.5	3.2	1.8	72	47	25	0.6	0.7	0.4
20 - 24	197	133	64	1.4	1.8	0.9	97	67	30	0.7	0.9	0.4
25 - 29	155	94	61	1.0	1.2	0.8	71	51	20	0.5	0.7	0.3
30 - 34	133	81	52	0.9	1.1	0.8	50	35	15	0.4	0.5	0.2
35 - 39	129	76	53	1.0	1.2	0.8	60	33	27	0.5	0.5	0.4
40 - 44	123	78	45	1.0	1.2	0.7	61	40	21	0.5	0.6	0.3
45 - 49	143	77	66	1.1	1.2	1.0	58	36	22	0.5	0.6	0.3
50 - 54	143	70	73	1.1	1.1	1.1	77	45	32	0.6	0.7	0.5
55 - 59	153	87	66	1.2	1.4	1.0	79	51	28	0.6	0.8	0.4
60 - 64	138	78	60	1.3	1.5	1.1	79	35	44	0.8	0.7	0.8
65 - 69	133	74	59	1.5	1.8	1.3	80	46	34	0.9	1.1	0.8
70 - 74	94	55	39	1.5	2.0	1.2	57	28	29	0.9	1.0	0.9
75 - 79	72	40	32	1.7	2.1	1.3	64	32	32	1.5	1.7	1.3
80 - 84	50	27	23	1.6	2.0	1.3	57	32	25	1.8	2.4	1.4
85 +	62	26	36	1.8	2.0	1.6	96	39	57	2.7	3.1	2.6
Total/Crude	3,878	2,223	1,655	2.0	2.3	1.7	1,181	683	498	0.6	0.7	0.5
ASIAN/PACIFIC ISLANDER												
00 - 04	103	51	52	6.6	6.4	6.9	6	3	3	0.4	0.4	0.4
05 - 09	43	18	25	2.7	2.2	3.2	3	3	0	0.2	0.4	0.0
10 - 14	36	26	10	2.2	3.1	1.3	5	2	3	0.3	0.2	0.4
15 - 19	31	15	16	1.8	1.7	2.0	4	3	1	0.2	0.4	0.1
20 - 24	22	14	8	1.1	1.4	0.8	6	4	2	0.3	0.4	0.2
25 - 29	20	12	8	0.8	1.0	0.7	10	6	4	0.4	0.5	0.3
30 - 34	15	8	7	0.6	0.7	0.6	7	5	2	0.3	0.4	0.2
35 - 39	12	8	4	0.5	0.8	0.3	10	4	6	0.5	0.4	0.5
40 - 44	10	3	7	0.4	0.3	0.6	8	4	4	0.4	0.4	0.3
45 - 49	18	9	9	0.8	0.9	0.8	7	2	5	0.3	0.2	0.4
50 - 54	14	8	6	0.7	0.9	0.5	9	6	3	0.4	0.6	0.3
55 - 59	17	9	8	0.9	1.0	0.8	7	3	4	0.4	0.3	0.4
60 - 64	19	13	6	1.1	1.7	0.6	9	6	3	0.5	0.8	0.3
65 - 69	9	6	3	0.7	1.0	0.4	10	7	3	0.7	1.2	0.4
70 - 74	10	4	6	1.1	1.0	1.2	5	3	2	0.5	0.7	0.4
75 - 79	10	5	5	1.4	1.7	1.3	9	6	3	1.3	2.0	0.8
80 - 84	3	2	1	0.6	1.0	0.3	4	2	2	0.8	1.0	0.7
85 +	5	3	2	1.0	1.6	0.6	13	6	7	2.5	3.2	2.2
Total/Crude	397	214	183	1.3	1.5	1.2	132	75	57	0.5	0.5	0.4

(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.

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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, 2013-2017, Leukemia: Acute Lymphocytic (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	31	14	17	4.0	3.5	4.5	2	0	2	0.3	0.0	0.5
05 - 09	15	10	5	1.9	2.5	1.3	0	0	0	0.0	0.0	0.0
10 - 14	9	6	3	1.1	1.5	0.8	2	1	1	0.3	0.3	0.3
15 - 19	11	7	4	1.3	1.6	0.9	2	1	1	0.2	0.2	0.2
20 - 24	7	2	5	0.7	0.4	1.0	2	1	1	0.2	0.2	0.2
25 - 29	4	2	2	0.4	0.4	0.4	1	1	0	0.1	0.2	0.0
30 - 34	5	1	4	0.6	0.2	1.0	2	1	1	0.2	0.2	0.2
35 - 39	4	1	3	0.5	0.3	0.8	2	0	2	0.3	0.0	0.5
40 - 44	6	3	3	0.8	0.8	0.8	1	1	0	0.1	0.3	0.0
45 - 49	5	4	1	0.6	1.0	0.2	2	2	0	0.3	0.5	0.0
50 - 54	8	4	4	0.9	0.9	0.9	2	1	1	0.2	0.2	0.2
55 - 59	8	1	7	1.0	0.3	1.7	6	1	5	0.7	0.3	1.2
60 - 64	10	7	3	1.6	2.3	0.9	7	3	4	1.1	1.0	1.2
65 - 69	3	2	1	0.6	0.9	0.4	4	3	1	0.8	1.4	0.4
70 - 74	4	1	3	1.2	0.7	1.6	2	0	2	0.6	0.0	1.1
75 - 79	3	0	3	1.2	0.0	2.1	3	0	3	1.2	0.0	2.1
80 - 84	1	1	0	0.6	1.6	0.0	1	0	1	0.6	0.0	1.0
85 +	2	1	1	1.3	2.0	1.0	1	1	0	0.6	2.0	0.0
Total/Crude	136	67	69	1.1	1.1	1.1	42	17	25	0.4	0.3	0.4
HISPANIC												
00 - 04	521	283	238	8.0	8.5	7.5	23	12	11	0.4	0.4	0.4
05 - 09	316	179	137	4.7	5.2	4.1	27	16	11	0.4	0.5	0.3
10 - 14	242	153	89	3.7	4.6	2.8	32	18	14	0.5	0.5	0.4
15 - 19	219	148	71	3.4	4.5	2.2	54	34	20	0.8	1.0	0.6
20 - 24	129	89	40	1.9	2.6	1.2	81	58	23	1.2	1.7	0.7
25 - 29	94	57	37	1.5	1.7	1.2	49	35	14	0.8	1.1	0.5
30 - 34	75	51	24	1.3	1.7	0.9	32	23	9	0.6	0.8	0.3
35 - 39	85	52	33	1.5	1.9	1.2	38	23	15	0.7	0.8	0.6
40 - 44	75	50	25	1.4	1.9	1.0	42	27	15	0.8	1.0	0.6
45 - 49	87	51	36	1.8	2.1	1.5	36	25	11	0.8	1.0	0.5
50 - 54	75	32	43	1.8	1.5	2.1	38	21	17	0.9	1.0	0.8
55 - 59	68	40	28	2.0	2.4	1.6	35	22	13	1.0	1.3	0.8
60 - 64	60	26	34	2.4	2.2	2.6	32	9	23	1.3	0.8	1.7
65 - 69	45	20	25	2.5	2.4	2.6	32	17	15	1.8	2.1	1.6
70 - 74	22	12	10	1.8	2.3	1.5	14	4	10	1.2	0.8	1.5
75 - 79	21	10	11	2.5	2.8	2.3	14	5	9	1.7	1.4	1.9
80 - 84	12	5	7	2.1	2.1	2.0	10	4	6	1.7	1.7	1.7
85 +	14	4	10	2.4	1.9	2.7	14	6	8	2.4	2.8	2.2
Total/Crude	2,160	1,262	898	2.9	3.3	2.4	603	359	244	0.8	0.9	0.7

(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.

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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: Acute Lymphocytic (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	253	136	117	7.1	7.4	6.7	7	4	3	0.2	0.2	0.2
05 - 09	151	81	70	4.3	4.5	4.1	9	5	4	0.3	0.3	0.2
10 - 14	70	37	33	1.9	2.0	1.9	6	2	4	0.2	0.1	0.2
15 - 19	63	45	18	1.6	2.2	1.0	12	9	3	0.3	0.5	0.2
20 - 24	37	27	10	0.8	1.1	0.5	8	4	4	0.2	0.2	0.2
25 - 29	35	22	13	0.7	0.8	0.5	11	9	2	0.2	0.3	0.1
30 - 34	36	20	16	0.7	0.8	0.7	8	5	3	0.2	0.2	0.1
35 - 39	26	14	12	0.6	0.6	0.5	10	6	4	0.2	0.3	0.2
40 - 44	32	22	10	0.7	0.9	0.5	10	8	2	0.2	0.3	0.1
45 - 49	30	11	19	0.6	0.4	0.7	13	7	6	0.3	0.3	0.2
50 - 54	44	25	19	0.7	0.8	0.6	26	17	9	0.4	0.6	0.3
55 - 59	58	36	22	0.9	1.2	0.7	29	24	5	0.5	0.8	0.2
60 - 64	49	32	17	0.9	1.1	0.6	31	17	14	0.6	0.6	0.5
65 - 69	74	44	30	1.5	1.8	1.2	34	19	15	0.7	0.8	0.6
70 - 74	57	37	20	1.6	2.2	1.0	36	21	15	1.0	1.2	0.8
75 - 79	38	25	13	1.5	2.1	0.9	37	21	16	1.5	1.8	1.2
80 - 84	33	18	15	1.7	2.2	1.4	42	26	16	2.2	3.2	1.5
85 +	41	18	23	1.8	2.2	1.6	68	26	42	3.0	3.2	2.9
Total/Crude	1,127	650	477	1.5	1.7	1.2	397	230	167	0.5	0.6	0.4

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: Acute Lymphocytic

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.06	0.09	0.10	0.17	0.05	0.07	0.08	0.14
25	0.01	0.02	0.03	0.08	0.01	0.02	0.03	0.06
35	0.01	0.02	0.04	0.07	0.01	0.02	0.03	0.05
45	0.01	0.02	0.04	0.06	0.01	0.02	0.03	0.05
55	0.01	0.03	0.04	0.05	0.01	0.02	0.03	0.04
65	0.02	0.03	-	0.04	0.01	0.02	-	0.03
Lifetime Risk of Being Diagnosed = 0.17%				Lifetime Risk of Being Diagnosed = 0.14%				
Lifetime Risk of Dying of Cancer = 0.07%				Lifetime Risk of Dying of Cancer = 0.05%				
ASIAN/PACIFIC ISLANDER								
0	0.04	0.06	0.08	0.13	0.05	0.06	0.07	0.11
25	0.01	0.01	0.02	0.06	0.01	0.01	0.02	0.04
35	0.01	0.01	0.03	0.05	0.00	0.01	0.02	0.03
45	0.01	0.02	0.03	0.05	0.01	0.01	0.02	0.03
55	0.01	0.02	0.03	0.04	0.01	0.01	0.02	0.02
65	0.01	0.02	-	0.03	0.01	0.01	-	0.02
Lifetime Risk of Being Diagnosed = 0.13%				Lifetime Risk of Being Diagnosed = 0.11%				
Lifetime Risk of Dying of Cancer = 0.06%				Lifetime Risk of Dying of Cancer = 0.05%				
NON-HISPANIC BLACK								
0	0.03	0.04	0.05	0.08	0.03	0.03	0.04	0.09
25	0.00	0.01	0.02	0.04	0.01	0.01	0.02	0.05
35	0.01	0.01	0.02	0.04	0.01	0.01	0.02	0.04
45	0.01	0.02	0.02	0.03	0.01	0.02	0.02	0.03
55	0.01	0.02	0.02	0.03	0.01	0.02	0.03	0.03
65	0.01	0.01	-	0.02	0.01	0.02	-	0.02
Lifetime Risk of Being Diagnosed = 0.08%				Lifetime Risk of Being Diagnosed = 0.09%				
Lifetime Risk of Dying of Cancer = 0.02%				Lifetime Risk of Dying of Cancer = 0.04%				
HISPANIC								
0	0.06	0.11	0.13	0.23	0.05	0.08	0.09	0.19
25	0.02	0.04	0.05	0.11	0.01	0.02	0.04	0.10
35	0.02	0.04	0.06	0.10	0.01	0.03	0.05	0.09
45	0.02	0.04	0.06	0.08	0.02	0.04	0.05	0.08
55	0.02	0.04	0.06	0.07	0.02	0.04	0.05	0.07
65	0.02	0.04	-	0.05	0.02	0.03	-	0.05
Lifetime Risk of Being Diagnosed = 0.23%				Lifetime Risk of Being Diagnosed = 0.19%				
Lifetime Risk of Dying of Cancer = 0.09%				Lifetime Risk of Dying of Cancer = 0.08%				
NON-HISPANIC WHITE								
0	0.05	0.08	0.09	0.14	0.05	0.06	0.07	0.11
25	0.01	0.02	0.02	0.06	0.01	0.01	0.02	0.05
35	0.01	0.01	0.02	0.06	0.00	0.01	0.02	0.04
45	0.01	0.02	0.03	0.05	0.01	0.01	0.02	0.04
55	0.01	0.03	0.04	0.04	0.01	0.02	0.02	0.03
65	0.02	0.03	-	0.04	0.01	0.02	-	0.03
Lifetime Risk of Being Diagnosed = 0.14%				Lifetime Risk of Being Diagnosed = 0.11%				
Lifetime Risk of Dying of Cancer = 0.05%				Lifetime Risk of Dying of Cancer = 0.04%				

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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