

SECTION XV

Table XV-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Leukemia: Chronic Lymphocytic

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
All Races												
1988	875	520	355	3.9	5.4	2.7	286	182	104	1.3	2.1	0.8
1989	976	577	399	4.2	5.9	3.0	292	171	121	1.3	1.9	0.9
1990	1,007	578	429	4.2	5.8	3.1	351	202	149	1.5	2.2	1.1
1991	1,012	608	404	4.1	5.8	2.9	331	195	136	1.4	2.0	1.0
1992	931	530	401	3.7	5.0	2.8	349	205	144	1.4	2.1	1.0
1993	991	586	405	3.9	5.4	2.8	356	192	164	1.4	1.9	1.1
1994	910	543	367	3.5	4.9	2.5	320	193	127	1.3	1.9	0.8
1995	900	542	358	3.4	4.9	2.3	340	206	134	1.3	2.0	0.9
1996	888	514	374	3.3	4.5	2.4	354	216	138	1.3	2.1	0.9
1997	838	485	353	3.0	4.0	2.2	328	204	124	1.2	1.9	0.8
1998	814	500	314	2.8	4.1	1.9	333	183	150	1.2	1.6	0.9
1999	663	395	268	2.3	3.1	1.6	405	243	162	1.4	2.0	0.9
Asian/Pacific Islander												
1988	12	8	4	-	-	-	4	2	2	-	-	-
1989	14	10	4	-	-	-	4	3	1	-	-	-
1990	13	6	7	-	-	-	3	1	2	-	-	-
1991	20	8	12	1.2	-	-	2	2	0	-	-	-
1992	9	6	3	-	-	-	4	3	1	-	-	-
1993	27	22	5	1.3	2.4	-	4	2	2	-	-	-
1994	19	12	7	0.9	-	-	2	1	1	-	-	-
1995	27	15	12	1.2	1.5	-	6	3	3	-	-	-
1996	25	20	5	1.0	1.8	-	8	6	2	-	-	-
1997	14	8	6	-	-	-	7	5	2	-	-	-
1998	28	19	9	1.0	1.4	-	14	3	11	-	-	-
1999	15	7	8	0.6	-	-	11	6	5	-	-	-
Black												
1988	48	32	16	3.9	5.7	2.4	12	10	2	-	-	-
1989	53	32	21	4.2	5.8	3.0	24	17	7	2.1	4.0	-
1990	54	33	21	4.2	5.7	3.0	23	13	10	1.9	-	-
1991	49	26	23	3.6	4.8	2.8	24	14	10	1.9	-	-
1992	44	25	19	3.4	4.7	2.5	24	18	6	2.1	4.2	-
1993	53	30	23	3.8	4.7	3.0	24	13	11	1.9	-	-
1994	40	20	20	3.0	3.7	2.5	20	16	4	1.4	2.8	-
1995	53	33	20	3.7	5.3	2.4	23	15	8	1.6	3.0	-
1996	41	21	20	2.8	2.9	2.4	23	16	7	1.7	2.8	-
1997	47	31	16	3.1	5.0	1.9	22	10	12	1.6	-	-
1998	43	27	16	2.7	4.0	1.8	20	12	8	1.4	-	-
1999	42	31	11	2.7	4.6	-	28	16	12	1.9	2.6	-

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.
 Source: California Cancer Registry (08/01) and CDHS 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.

LEUKEMIA: CHRONIC LYMPHOCYTIC

Table XV-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Leukemia: Chronic Lymphocytic (continued)

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
Hispanic												
1988	42	26	16	1.8	2.7	1.2	12	6	6	-	-	-
1989	58	32	26	2.2	2.7	1.8	12	9	3	-	-	-
1990	77	43	34	2.8	3.3	2.3	11	2	9	-	-	-
1991	51	34	17	1.5	2.2	0.9	23	15	8	0.8	1.2	-
1992	50	27	23	1.6	1.9	1.4	22	9	13	0.7	-	-
1993	56	28	28	1.8	2.2	1.5	16	7	9	0.6	-	-
1994	66	34	32	1.9	2.0	1.8	13	5	8	-	-	-
1995	66	44	22	2.0	3.0	1.2	24	11	13	0.7	-	-
1996	56	31	25	1.4	1.7	1.1	18	11	7	0.5	-	-
1997	58	34	24	1.4	1.7	1.1	17	13	4	0.5	-	-
1998	56	39	17	1.3	2.0	0.7	14	6	8	-	-	-
1999	52	30	22	1.1	1.5	0.9	29	18	11	0.8	1.0	-
Non-Hispanic White												
1988	755	443	312	4.3	6.0	3.0	258	164	94	1.5	2.4	0.9
1989	836	496	340	4.7	6.6	3.3	251	142	109	1.4	2.0	1.0
1990	842	484	358	4.7	6.5	3.4	314	186	128	1.7	2.7	1.2
1991	877	531	346	4.7	6.8	3.2	282	164	118	1.5	2.3	1.1
1992	802	458	344	4.3	5.8	3.1	299	175	124	1.6	2.3	1.1
1993	825	490	335	4.4	6.2	3.0	311	170	141	1.7	2.3	1.2
1994	745	458	287	3.9	5.8	2.6	285	171	114	1.5	2.3	1.0
1995	723	432	291	3.8	5.4	2.6	285	176	109	1.5	2.3	0.9
1996	727	418	309	3.8	5.2	2.8	304	182	122	1.6	2.4	1.0
1997	670	377	293	3.4	4.6	2.6	282	176	106	1.4	2.3	0.9
1998	641	388	253	3.2	4.6	2.2	285	162	123	1.4	2.0	1.0
1999	521	307	214	2.6	3.5	1.8	335	201	134	1.6	2.4	1.1

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.
 Source: California Cancer Registry (08/01) and CDHS 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.

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Table XV-2. 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, 1995-1999, Leukemia: Chronic Lymphocytic

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
All Races												
00 - 04	1	1	0	0	0	0	0	0	0	0	0	0
05 - 09	1	0	1	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	1	0	1	0	0	0
20 - 24	1	0	1	0	0	0	0	0	0	0	0	0
25 - 29	1	0	1	0	0	0	0	0	0	0	0	0
30 - 34	5	3	2	0	0	0	0	0	0	0	0	0
35 - 39	28	18	10	0	0	0	3	1	2	0	0	0
40 - 44	67	39	28	1	1	0	6	4	2	0	0	0
45 - 49	142	85	57	1	2	1	13	9	4	0	0	0
50 - 54	251	168	83	3	4	2	52	40	12	1	1	0
55 - 59	322	205	117	5	6	3	63	47	16	1	1	0
60 - 64	410	267	143	7	10	5	111	82	29	2	3	1
65 - 69	539	362	177	11	15	7	203	151	52	4	6	2
70 - 74	668	395	273	14	19	10	268	166	102	6	8	4
75 - 79	664	392	272	18	26	13	317	200	117	9	13	6
80 - 84	517	282	235	22	31	16	302	166	136	13	18	9
85 +	486	219	267	25	37	20	421	186	235	22	31	17
Total/Crude	4,103	2,436	1,667	2	3	2	1,760	1,052	708	1	1	1
Asian/Pacific Islander												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	3	3	0	0	0	0	0	0	0	0	0	0
40 - 44	2	2	0	0	0	0	0	0	0	0	0	0
45 - 49	4	2	2	0	0	0	1	1	0	0	0	0
50 - 54	7	3	4	1	1	1	3	2	1	0	0	0
55 - 59	14	8	6	2	2	2	1	1	0	0	0	0
60 - 64	14	9	5	2	3	2	8	6	2	1	2	1
65 - 69	19	16	3	4	7	1	5	2	3	1	1	1
70 - 74	17	11	6	4	6	2	6	5	1	1	3	0
75 - 79	9	4	5	3	3	3	9	3	6	3	2	4
80 - 84	9	6	3	5	8	3	5	2	3	3	3	3
85 +	11	5	6	8	8	8	8	1	7	6	2	9
Total/Crude	109	69	40	1	1	0	46	23	23	0	0	0
Black												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	1	0	1	0	0	0
20 - 24	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	7	4	3	1	1	1	1	0	1	0	0	0
40 - 44	5	3	2	1	1	0	4	3	1	0	1	0
45 - 49	10	5	5	1	1	1	1	1	0	0	0	0
50 - 54	20	17	3	4	7	1	7	6	1	1	2	0
55 - 59	23	18	5	5	9	2	11	8	3	3	4	1
60 - 64	30	21	9	9	13	5	8	6	2	2	4	1
65 - 69	32	27	5	11	22	3	17	11	6	6	9	4
70 - 74	28	13	15	12	13	11	16	8	8	7	8	6
75 - 79	32	17	15	19	25	14	17	11	6	10	16	6
80 - 84	26	14	12	24	38	17	13	10	3	12	27	4
85 +	13	4	9	16	16	15	20	5	15	24	20	25
Total/Crude	226	143	83	2	3	1	116	69	47	1	1	1

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.
 Source: California Cancer Registry (08/01) and CDHS 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.

LEUKEMIA: CHRONIC LYMPHOCYTIC

Table XV-2. 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, 1995-1999, Leukemia: Chronic Lymphocytic (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
Hispanic												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	1	0	1	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	1	0	1	0	0	0	0	0	0	0	0	0
35 - 39	3	2	1	0	0	0	1	0	1	0	0	0
40 - 44	6	3	3	0	0	0	1	0	1	0	0	0
45 - 49	12	6	6	1	1	1	1	0	1	0	0	0
50 - 54	23	12	11	1	1	1	2	0	2	0	0	0
55 - 59	32	22	10	3	4	2	6	2	4	0	0	1
60 - 64	34	22	12	4	5	2	10	8	2	1	2	0
65 - 69	41	35	6	5	9	1	17	15	2	2	4	0
70 - 74	47	32	15	7	11	4	13	6	7	2	2	2
75 - 79	42	23	19	10	13	8	19	15	4	5	9	2
80 - 84	23	13	10	9	14	6	14	4	10	6	4	6
85 +	23	8	15	10	10	10	18	9	9	8	11	6
Total/Crude	288	178	110	1	1	0	102	59	43	0	0	0
Non-Hispanic White												
00 - 04	1	1	0	0	0	0	0	0	0	0	0	0
05 - 09	1	0	1	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	3	3	0	0	0	0	0	0	0	0	0	0
35 - 39	10	5	5	0	0	0	1	1	0	0	0	0
40 - 44	43	23	20	1	1	1	1	1	0	0	0	0
45 - 49	103	64	39	2	2	1	9	6	3	0	0	0
50 - 54	188	126	62	3	5	2	40	32	8	1	1	0
55 - 59	233	142	91	5	7	4	45	36	9	1	2	0
60 - 64	307	196	111	8	11	6	85	62	23	2	4	1
65 - 69	419	266	153	12	16	8	163	122	41	5	7	2
70 - 74	542	321	221	16	22	12	232	146	86	7	10	5
75 - 79	560	336	224	21	29	14	270	170	100	10	15	6
80 - 84	442	240	202	24	35	18	270	150	120	15	22	11
85 +	430	199	231	29	47	22	375	171	204	25	40	19
Total/Crude	3,282	1,922	1,360	4	5	3	1,491	897	594	2	2	1

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS 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.

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Table XV-3. Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in 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: Chronic Lymphocytic

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
All Races								
0	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.26
25	0.00	0.00	0.03	0.41	0.00	0.00	0.02	0.27
35	0.00	0.03	0.09	0.41	0.00	0.02	0.05	0.27
45	0.02	0.09	0.22	0.42	0.01	0.05	0.12	0.27
55	0.07	0.20	0.34	0.41	0.04	0.11	0.19	0.26
65	0.15	0.30	-	0.39	0.07	0.17	-	0.24
Lifetime Risk of Being Diagnosed = 0.40 %				Lifetime Risk of Being Diagnosed = 0.26 %				
Lifetime Risk of Dying of Cancer = 0.20 %				Lifetime Risk of Dying of Cancer = 0.13 %				
Asian/Pacific Islander								
0	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.11
25	0.00	0.00	0.01	0.15	0.00	0.00	0.01	0.11
35	0.00	0.01	0.03	0.15	0.00	0.01	0.02	0.11
45	0.01	0.03	0.09	0.15	0.01	0.02	0.04	0.11
55	0.03	0.08	0.12	0.15	0.02	0.03	0.05	0.11
65	0.06	0.10	-	0.13	0.02	0.04	-	0.10
Lifetime Risk of Being Diagnosed = 0.15 %				Lifetime Risk of Being Diagnosed = 0.11 %				
Lifetime Risk of Dying of Cancer = 0.05 %				Lifetime Risk of Dying of Cancer = 0.10 %				
Black								
0	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.20
25	0.00	0.01	0.04	0.33	0.00	0.01	0.02	0.20
35	0.01	0.04	0.13	0.34	0.01	0.02	0.05	0.20
45	0.04	0.13	0.24	0.35	0.01	0.04	0.09	0.20
55	0.10	0.22	0.33	0.35	0.03	0.08	0.16	0.21
65	0.15	0.28	-	0.31	0.06	0.15	-	0.20
Lifetime Risk of Being Diagnosed = 0.32 %				Lifetime Risk of Being Diagnosed = 0.20 %				
Lifetime Risk of Dying of Cancer = 0.17 %				Lifetime Risk of Dying of Cancer = 0.13 %				
Hispanic								
0	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.16
25	0.00	0.00	0.01	0.23	0.00	0.00	0.01	0.16
35	0.00	0.01	0.05	0.24	0.00	0.01	0.03	0.16
45	0.01	0.05	0.13	0.24	0.01	0.03	0.05	0.16
55	0.04	0.12	0.20	0.24	0.02	0.04	0.09	0.15
65	0.09	0.18	-	0.22	0.03	0.08	-	0.14
Lifetime Risk of Being Diagnosed = 0.23 %				Lifetime Risk of Being Diagnosed = 0.16 %				
Lifetime Risk of Dying of Cancer = 0.11 %				Lifetime Risk of Dying of Cancer = 0.08 %				
Non-Hispanic White								
0	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.31
25	0.00	0.00	0.03	0.47	0.00	0.00	0.02	0.31
35	0.00	0.03	0.11	0.47	0.00	0.02	0.07	0.31
45	0.03	0.11	0.25	0.48	0.02	0.06	0.15	0.31
55	0.08	0.23	0.39	0.47	0.05	0.13	0.23	0.30
65	0.17	0.34	-	0.44	0.09	0.20	-	0.27
Lifetime Risk of Being Diagnosed = 0.46 %				Lifetime Risk of Being Diagnosed = 0.31 %				
Lifetime Risk of Dying of Cancer = 0.23 %				Lifetime Risk of Dying of Cancer = 0.14 %				

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.
 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 1995-1999. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.