

SECTION XIV

Table XIV-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: Acute 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	491	290	201	1.7	2.1	1.4	162	103	59	0.6	0.8	0.4
1989	450	245	205	1.5	1.6	1.4	171	104	67	0.6	0.8	0.5
1990	463	265	198	1.5	1.8	1.3	210	121	89	0.8	0.9	0.6
1991	506	287	219	1.6	1.8	1.4	172	98	74	0.6	0.7	0.5
1992	501	299	202	1.6	1.9	1.2	202	114	88	0.7	0.8	0.6
1993	527	283	244	1.6	1.7	1.5	178	106	72	0.6	0.7	0.5
1994	498	288	210	1.5	1.7	1.2	160	89	71	0.5	0.6	0.5
1995	529	306	223	1.6	1.8	1.3	173	98	75	0.6	0.6	0.5
1996	571	339	232	1.7	2.0	1.3	199	122	77	0.7	0.8	0.5
1997	584	322	262	1.7	1.9	1.5	198	124	74	0.6	0.8	0.5
1998	558	329	229	1.6	1.9	1.3	188	110	78	0.6	0.7	0.5
1999	519	295	224	1.4	1.6	1.3	178	101	77	0.5	0.6	0.5
Asian/Pacific Islander												
1988	43	26	17	1.9	2.2	1.6	11	7	4	-	-	-
1989	31	19	12	1.1	1.3	-	9	6	3	-	-	-
1990	47	27	20	1.7	2.0	1.3	13	10	3	-	-	-
1991	26	14	12	1.0	-	-	15	9	6	0.5	-	-
1992	46	23	23	1.4	1.4	1.4	11	5	6	-	-	-
1993	39	17	22	1.2	1.0	1.3	14	10	4	-	-	-
1994	46	24	22	1.3	1.4	1.2	11	4	7	-	-	-
1995	44	26	18	1.3	1.5	1.0	14	5	9	-	-	-
1996	49	35	14	1.3	2.0	-	19	11	8	0.6	-	-
1997	43	22	21	1.1	1.2	1.1	8	6	2	-	-	-
1998	57	36	21	1.5	1.8	1.1	13	7	6	-	-	-
1999	40	20	20	1.0	1.0	1.0	11	4	7	-	-	-
Black												
1988	23	17	6	1.1	1.6	-	18	13	5	1.0	-	-
1989	18	7	11	0.9	-	-	10	5	5	-	-	-
1990	17	13	4	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	17	12	5	0.7	-	-	7	4	3	-	-	-
1995	16	8	8	0.7	-	-	9	6	3	-	-	-
1996	20	11	9	0.9	-	-	11	5	6	-	-	-
1997	30	17	13	1.3	1.5	-	7	6	1	-	-	-
1998	21	12	9	0.8	-	-	11	8	3	-	-	-
1999	15	9	6	0.6	-	-	9	6	3	-	-	-

(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: ACUTE LYMPHOCTIC

Table XIV-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: Acute 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	150	91	59	2.0	2.4	1.7	37	24	13	0.6	0.9	-
1989	168	98	70	2.0	2.5	1.6	52	39	13	1.0	1.7	-
1990	154	85	69	1.7	1.8	1.6	68	34	34	0.9	0.8	1.0
1991	192	106	86	1.9	2.0	1.8	64	30	34	0.9	0.8	1.1
1992	196	123	73	1.9	2.3	1.5	78	48	30	0.9	1.1	0.7
1993	204	124	80	1.9	2.2	1.7	61	43	18	0.7	1.0	0.4
1994	224	130	94	1.9	2.1	1.8	60	36	24	0.7	0.8	0.6
1995	230	132	98	2.1	2.5	1.8	69	42	27	0.9	0.9	0.7
1996	276	164	112	2.4	2.8	2.0	82	52	30	0.9	1.1	0.8
1997	260	147	113	2.3	2.4	2.1	86	52	34	1.1	1.2	0.9
1998	264	154	110	2.3	2.5	2.0	84	48	36	1.0	1.0	0.8
1999	251	155	96	2.0	2.4	1.7	86	46	40	0.9	0.9	0.9
Non-Hispanic White												
1988	272	154	118	1.7	2.0	1.4	96	59	37	0.6	0.8	0.4
1989	233	121	112	1.4	1.5	1.4	100	54	46	0.6	0.7	0.5
1990	242	137	105	1.5	1.8	1.3	113	67	46	0.7	0.9	0.5
1991	267	159	108	1.7	2.0	1.3	85	53	32	0.5	0.7	0.3
1992	227	135	92	1.4	1.7	1.0	106	56	50	0.6	0.7	0.6
1993	256	130	126	1.5	1.6	1.5	97	50	47	0.6	0.7	0.5
1994	207	121	86	1.3	1.5	1.1	81	44	37	0.5	0.6	0.4
1995	233	137	96	1.4	1.7	1.1	81	45	36	0.5	0.6	0.4
1996	221	128	93	1.4	1.6	1.2	86	54	32	0.5	0.7	0.3
1997	247	134	113	1.5	1.7	1.4	97	60	37	0.6	0.7	0.4
1998	212	123	89	1.4	1.6	1.1	79	47	32	0.4	0.6	0.3
1999	208	106	102	1.3	1.3	1.3	72	45	27	0.4	0.5	0.3

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 XIV-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: Acute 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	902	510	392	6	7	6	45	24	21	0	0	0
05 - 09	465	261	204	3	4	3	61	39	22	0	1	0
10 - 14	252	134	118	2	2	2	89	56	33	1	1	1
15 - 19	218	146	72	2	3	1	86	59	27	1	1	1
20 - 24	98	67	31	1	1	1	75	53	22	1	1	0
25 - 29	74	51	23	1	1	0	53	32	21	0	0	0
30 - 34	70	45	25	1	1	0	40	26	14	0	0	0
35 - 39	93	52	41	1	1	1	54	32	22	0	0	0
40 - 44	89	55	34	1	1	1	49	33	16	0	1	0
45 - 49	59	36	23	1	1	0	39	25	14	0	0	0
50 - 54	62	33	29	1	1	1	36	20	16	0	0	0
55 - 59	69	34	35	1	1	1	45	24	21	1	1	1
60 - 64	46	26	20	1	1	1	40	23	17	1	1	1
65 - 69	65	35	30	1	1	1	45	22	23	1	1	1
70 - 74	62	36	26	1	2	1	53	28	25	1	1	1
75 - 79	68	38	30	2	3	1	69	37	32	2	2	2
80 - 84	43	20	23	2	2	2	32	11	21	1	1	1
85 +	26	12	14	1	2	1	25	11	14	1	2	1
Total/Crude	2,761	1,591	1,170	2	2	1	936	555	381	1	1	0
Asian/Pacific Islander												
00 - 04	79	53	26	5	7	4	4	3	1	0	0	0
05 - 09	37	19	18	3	3	3	4	0	4	0	0	1
10 - 14	20	12	8	1	2	1	14	7	7	1	1	1
15 - 19	14	11	3	1	2	0	4	3	1	0	0	0
20 - 24	10	5	5	1	1	1	7	5	2	1	1	0
25 - 29	5	3	2	0	0	0	2	0	2	0	0	0
30 - 34	7	2	5	0	0	1	2	1	1	0	0	0
35 - 39	10	6	4	1	1	0	4	2	2	0	0	0
40 - 44	11	7	4	1	1	1	7	4	3	0	1	0
45 - 49	5	3	2	0	0	0	1	1	0	0	0	0
50 - 54	8	3	5	1	1	1	1	1	0	0	0	0
55 - 59	1	0	1	0	0	0	1	0	1	0	0	0
60 - 64	6	3	3	1	1	1	1	1	0	0	0	0
65 - 69	6	4	2	1	2	1	2	2	0	0	1	0
70 - 74	3	2	1	1	1	0	3	0	3	1	0	1
75 - 79	8	5	3	3	4	2	6	3	3	2	2	2
80 - 84	2	1	1	1	1	1	2	0	2	1	0	2
85 +	1	0	1	1	0	1	0	0	0	0	0	0
Total/Crude	233	139	94	1	2	1	65	33	32	0	0	0
Black												
00 - 04	26	17	9	3	3	2	2	1	1	0	0	0
05 - 09	15	8	7	1	1	1	2	2	0	0	0	0
10 - 14	14	6	8	2	1	2	4	4	0	0	1	0
15 - 19	12	6	6	1	1	1	9	5	4	1	1	1
20 - 24	3	1	2	0	0	1	1	1	0	0	0	0
25 - 29	3	1	2	0	0	0	2	1	1	0	0	0
30 - 34	1	1	0	0	0	0	4	3	1	0	1	0
35 - 39	2	2	0	0	0	0	1	1	0	0	0	0
40 - 44	2	2	0	0	0	0	0	0	0	0	0	0
45 - 49	9	6	3	1	2	1	4	3	1	1	1	0
50 - 54	2	1	1	0	0	0	5	1	4	1	0	1
55 - 59	2	1	1	0	0	0	1	1	0	0	0	0
60 - 64	3	2	1	1	1	1	5	4	1	1	2	1
65 - 69	2	1	1	1	1	1	2	1	1	1	1	1
70 - 74	2	1	1	1	1	1	2	1	1	1	1	1
75 - 79	2	1	1	1	1	1	3	2	1	2	3	1
80 - 84	0	0	0	0	0	0	0	0	0	0	0	0
85 +	2	0	2	2	0	3	0	0	0	0	0	0
Total/Crude	102	57	45	1	1	1	47	31	16	0	1	0

(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: ACUTE LYMPHOCYTIC

Table XIV-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: Acute 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	456	263	193	7	8	6	33	17	16	1	1	1
05 - 09	241	133	108	4	5	4	42	27	15	1	1	1
10 - 14	126	66	60	3	3	3	41	24	17	1	1	1
15 - 19	122	89	33	3	5	2	49	31	18	1	2	1
20 - 24	52	36	16	1	2	1	48	31	17	1	2	1
25 - 29	41	32	9	1	1	0	27	19	8	1	1	0
30 - 34	33	23	10	1	1	0	20	14	6	0	1	0
35 - 39	39	24	15	1	1	1	32	21	11	1	1	1
40 - 44	39	23	16	1	1	1	19	12	7	1	1	0
45 - 49	19	12	7	1	1	1	16	10	6	1	1	1
50 - 54	24	15	9	1	2	1	17	9	8	1	1	1
55 - 59	35	15	20	3	3	3	19	9	10	2	2	2
60 - 64	12	5	7	1	1	1	8	3	5	1	1	1
65 - 69	17	6	11	2	2	3	14	5	9	2	1	2
70 - 74	10	6	4	2	2	1	8	4	4	1	1	1
75 - 79	7	1	6	2	1	3	9	4	5	2	2	2
80 - 84	6	3	3	2	3	2	2	0	2	1	0	1
85 +	2	0	2	1	0	1	3	0	3	1	0	2
Total/Crude	1,281	752	529	3	3	2	407	240	167	1	1	1
Non-Hispanic White												
00 - 04	328	169	159	7	7	7	6	3	3	0	0	0
05 - 09	168	99	69	3	3	3	13	10	3	0	0	0
10 - 14	91	49	42	2	2	2	30	21	9	1	1	0
15 - 19	69	39	30	1	2	1	24	20	4	0	1	0
20 - 24	32	24	8	1	1	0	19	16	3	0	1	0
25 - 29	24	14	10	0	0	0	22	12	10	0	0	0
30 - 34	29	19	10	0	1	0	14	8	6	0	0	0
35 - 39	42	20	22	1	1	1	17	8	9	0	0	0
40 - 44	35	22	13	0	1	0	23	17	6	0	0	0
45 - 49	26	15	11	0	0	0	17	11	6	0	0	0
50 - 54	28	14	14	1	1	1	13	9	4	0	0	0
55 - 59	31	18	13	1	1	1	23	14	9	1	1	0
60 - 64	25	16	9	1	1	0	26	15	11	1	1	1
65 - 69	40	24	16	1	1	1	27	14	13	1	1	1
70 - 74	46	27	19	1	2	1	40	23	17	1	2	1
75 - 79	51	31	20	2	3	1	51	28	23	2	2	1
80 - 84	35	16	19	2	2	2	28	11	17	2	2	2
85 +	21	12	9	1	3	1	22	11	11	1	3	1
Total/Crude	1,121	628	493	1	1	1	415	251	164	0	1	0

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.

SECTION XIV

Table XIV-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: Acute Lymphocytic

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
All Races								
0	0.05	0.08	0.09	0.14	0.04	0.06	0.07	0.11
25	0.01	0.01	0.02	0.06	0.00	0.01	0.01	0.04
35	0.01	0.01	0.02	0.05	0.01	0.01	0.02	0.04
45	0.01	0.02	0.03	0.04	0.01	0.01	0.02	0.03
55	0.01	0.02	0.03	0.04	0.01	0.02	0.03	0.03
65	0.01	0.03	-	0.03	0.01	0.02	-	0.02
Lifetime Risk of Being Diagnosed = 0.14 %				Lifetime Risk of Being Diagnosed = 0.11 %				
Lifetime Risk of Dying of Cancer = 0.06 %				Lifetime Risk of Dying of Cancer = 0.04 %				
Asian/Pacific Islander								
0	0.05	0.06	0.07	0.12	0.03	0.04	0.04	0.09
25	0.00	0.01	0.02	0.05	0.00	0.01	0.02	0.05
35	0.01	0.01	0.02	0.05	0.01	0.01	0.02	0.04
45	0.01	0.01	0.02	0.04	0.01	0.01	0.02	0.04
55	0.01	0.02	0.03	0.03	0.01	0.01	0.02	0.03
65	0.01	0.03	-	0.03	0.01	0.02	-	0.03
Lifetime Risk of Being Diagnosed = 0.12 %				Lifetime Risk of Being Diagnosed = 0.09 %				
Lifetime Risk of Dying of Cancer = 0.03 %				Lifetime Risk of Dying of Cancer = 0.04 %				
Black								
0	0.02	0.04	0.04	0.07	0.02	0.03	0.04	0.06
25	0.00	0.01	0.02	0.03	0.00	0.00	0.01	0.03
35	0.00	0.01	0.02	0.03	0.00	0.01	0.01	0.03
45	0.01	0.02	0.02	0.03	0.01	0.01	0.01	0.03
55	0.01	0.01	0.02	0.02	0.00	0.01	0.01	0.02
65	0.01	0.01	-	0.01	0.01	0.01	-	0.02
Lifetime Risk of Being Diagnosed = 0.07 %				Lifetime Risk of Being Diagnosed = 0.06 %				
Lifetime Risk of Dying of Cancer = 0.04 %				Lifetime Risk of Dying of Cancer = 0.02 %				
Hispanic								
0	0.06	0.10	0.12	0.18	0.05	0.07	0.08	0.16
25	0.01	0.02	0.04	0.08	0.00	0.01	0.02	0.08
35	0.01	0.03	0.04	0.07	0.01	0.02	0.04	0.08
45	0.01	0.03	0.04	0.05	0.01	0.03	0.05	0.07
55	0.02	0.03	0.04	0.04	0.02	0.04	0.05	0.06
65	0.02	0.03	-	0.03	0.02	0.03	-	0.04
Lifetime Risk of Being Diagnosed = 0.18 %				Lifetime Risk of Being Diagnosed = 0.16 %				
Lifetime Risk of Dying of Cancer = 0.08 %				Lifetime Risk of Dying of Cancer = 0.08 %				
Non-Hispanic White								
0	0.05	0.07	0.07	0.12	0.05	0.06	0.06	0.10
25	0.01	0.01	0.01	0.05	0.00	0.01	0.01	0.04
35	0.01	0.01	0.02	0.05	0.00	0.01	0.01	0.03
45	0.00	0.01	0.02	0.04	0.00	0.01	0.02	0.03
55	0.01	0.02	0.03	0.04	0.01	0.01	0.02	0.03
65	0.01	0.03	-	0.03	0.01	0.02	-	0.02
Lifetime Risk of Being Diagnosed = 0.12 %				Lifetime Risk of Being Diagnosed = 0.10 %				
Lifetime Risk of Dying of Cancer = 0.05 %				Lifetime Risk of Dying of Cancer = 0.03 %				

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.