

SECTION XXII

Table XXII-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, Non-Hodgkin's Lymphoma

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	3,979	2,219	1,760	16.9	20.7	13.6	1,782	918	864	7.9	9.4	6.7
1989	4,258	2,468	1,790	17.5	22.2	13.4	1,792	939	853	7.8	9.6	6.5
1990	4,532	2,634	1,898	17.9	22.7	13.7	1,788	952	836	7.4	9.2	6.0
1991	4,663	2,695	1,968	17.9	22.7	13.9	1,919	1,019	900	7.8	9.6	6.4
1992	4,824	2,809	2,015	18.0	22.9	13.9	1,987	1,068	919	7.8	9.8	6.3
1993	4,799	2,827	1,972	17.7	22.9	13.3	2,014	1,080	934	7.8	9.8	6.3
1994	5,235	3,064	2,171	19.0	24.4	14.5	2,048	1,081	967	7.8	9.7	6.4
1995	5,309	3,117	2,192	18.9	24.0	14.5	2,132	1,146	986	7.9	9.9	6.5
1996	5,426	3,169	2,257	19.1	24.5	14.6	2,205	1,148	1,057	8.0	9.7	6.8
1997	5,240	2,896	2,344	18.0	21.9	14.8	2,448	1,338	1,110	8.7	10.8	6.9
1998	5,215	2,843	2,372	17.6	21.2	14.7	2,251	1,213	1,038	7.8	9.7	6.3
1999	5,214	2,847	2,367	17.2	20.8	14.3	2,210	1,239	971	7.5	9.7	5.8
Asian/Pacific Islander												
1988	186	98	88	12.5	13.8	11.3	69	41	28	4.9	6.0	3.9
1989	232	133	99	14.1	17.8	11.0	78	46	32	5.2	7.0	3.7
1990	224	140	84	11.9	16.4	8.2	76	42	34	4.7	5.4	4.1
1991	264	143	121	13.4	15.1	11.7	108	57	51	5.9	7.2	4.9
1992	255	148	107	12.6	16.7	9.3	119	69	50	6.4	8.1	4.9
1993	297	173	124	13.3	16.8	10.4	109	69	40	5.6	8.2	3.4
1994	325	171	154	14.1	16.8	12.0	114	72	42	5.3	7.6	3.5
1995	312	171	141	12.6	14.9	10.7	132	78	54	6.0	7.7	4.6
1996	330	196	134	12.4	16.2	9.4	119	70	49	5.0	6.6	3.8
1997	381	195	186	13.7	15.8	12.1	153	87	66	5.9	7.5	4.6
1998	363	183	180	12.5	13.8	11.4	154	86	68	5.7	7.0	4.7
1999	397	216	181	13.0	15.6	10.9	145	90	55	5.1	7.1	3.4
Black												
1988	147	95	52	10.3	14.3	6.8	71	41	30	5.4	6.9	4.2
1989	184	108	76	12.4	16.4	9.4	79	46	33	6.0	7.6	4.7
1990	200	128	72	13.7	18.0	9.5	79	47	32	6.0	8.3	4.2
1991	218	128	90	13.5	17.5	10.3	78	44	34	5.7	8.0	4.2
1992	232	144	88	14.6	20.0	10.4	82	49	33	5.8	7.5	4.2
1993	219	135	84	13.6	17.3	10.1	76	43	33	5.3	6.3	4.3
1994	257	174	83	14.5	20.7	9.1	72	33	39	4.6	4.7	4.5
1995	233	151	82	12.9	18.0	8.6	75	39	36	4.9	5.7	4.3
1996	256	157	99	14.6	19.6	10.6	83	47	36	5.2	6.2	4.2
1997	281	170	111	15.5	20.3	11.6	125	71	54	7.4	9.7	5.8
1998	269	146	123	14.5	16.8	12.5	91	48	43	5.5	6.5	4.6
1999	251	142	109	14.0	17.5	11.1	109	63	46	6.5	8.3	5.0

(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. 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.

NON-HODGKIN'S LYMPHOMA

Table XXII-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, Non-Hodgkin's Lymphoma (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	425	239	186	13.5	15.9	11.6	162	81	81	6.3	7.1	5.7
1989	490	298	192	13.9	17.0	11.2	166	96	70	5.8	7.5	4.6
1990	577	329	248	15.5	17.5	13.6	169	101	68	5.4	6.8	4.3
1991	538	321	217	13.6	15.6	11.5	205	107	98	6.5	6.9	5.9
1992	664	411	253	15.8	19.5	12.5	230	139	91	6.4	8.9	4.7
1993	638	388	250	14.2	17.0	11.6	255	139	116	7.2	8.2	6.3
1994	744	434	310	15.7	17.7	13.6	215	127	88	5.7	7.2	4.4
1995	765	482	283	15.3	18.8	11.8	253	137	116	6.3	7.3	5.5
1996	785	473	312	15.9	19.1	12.8	299	168	131	7.4	9.2	6.0
1997	764	436	328	15.1	17.4	13.0	352	197	155	7.6	8.4	6.7
1998	769	430	339	14.5	16.9	12.5	324	186	138	7.0	8.8	5.7
1999	814	450	364	14.3	16.0	12.7	320	178	142	6.7	8.1	5.5
Non-Hispanic White												
1988	3,178	1,765	1,413	18.4	22.9	14.6	1,474	749	725	8.5	10.2	7.2
1989	3,310	1,908	1,402	18.9	24.3	14.1	1,464	749	715	8.4	10.3	7.0
1990	3,491	2,016	1,475	19.4	25.0	14.5	1,460	758	702	8.1	10.1	6.6
1991	3,589	2,072	1,517	19.7	25.3	14.8	1,527	811	716	8.4	10.5	6.7
1992	3,618	2,081	1,537	19.4	24.8	14.7	1,554	810	744	8.3	10.3	6.8
1993	3,562	2,087	1,475	19.1	25.2	13.9	1,571	827	744	8.4	10.6	6.8
1994	3,831	2,241	1,590	20.4	26.8	15.2	1,640	847	793	8.6	10.7	7.2
1995	3,873	2,242	1,631	20.6	26.3	15.5	1,668	890	778	8.7	10.9	7.0
1996	3,883	2,257	1,626	20.4	26.5	15.3	1,700	860	840	8.8	10.5	7.6
1997	3,670	2,024	1,646	19.0	23.5	15.2	1,815	980	835	9.3	11.7	7.3
1998	3,687	2,017	1,670	18.9	23.2	15.4	1,678	891	787	8.5	10.7	6.8
1999	3,623	1,968	1,655	18.3	22.3	15.1	1,634	907	727	8.1	10.5	6.2

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.

SECTION XXII

Table XXII-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, Non-Hodgkin's Lymphoma

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	73	54	19	1	1	0	8	6	2	0	0	0
05 - 09	114	84	30	1	1	0	14	10	4	0	0	0
10 - 14	122	81	41	1	1	1	18	14	4	0	0	0
15 - 19	152	108	44	1	2	1	33	27	6	0	0	0
20 - 24	248	146	102	2	3	2	58	33	25	1	1	0
25 - 29	481	314	167	4	5	3	83	50	33	1	1	1
30 - 34	922	688	234	7	9	4	185	138	47	1	2	1
35 - 39	1,230	869	361	9	12	5	218	174	44	2	2	1
40 - 44	1,527	1,032	495	12	16	8	352	241	111	3	4	2
45 - 49	1,703	1,085	618	15	20	11	460	300	160	4	5	3
50 - 54	1,920	1,176	744	22	27	17	540	356	184	6	8	4
55 - 59	2,020	1,157	863	30	35	25	686	405	281	10	12	8
60 - 64	2,203	1,248	955	40	47	33	896	544	352	16	20	12
65 - 69	2,797	1,526	1,271	55	65	47	1,201	656	545	24	28	20
70 - 74	3,394	1,783	1,611	73	87	61	1,675	904	771	36	44	29
75 - 79	3,289	1,658	1,631	91	109	77	1,857	963	894	51	63	42
80 - 84	2,431	1,136	1,295	102	126	88	1,575	726	849	66	80	58
85 +	1,778	727	1,051	91	122	78	1,387	537	850	71	90	63
Total/Crude	26,404	14,872	11,532	16	18	14	11,246	6,084	5,162	7	7	6
Asian/Pacific Islander												
00 - 04	8	5	3	1	1	0	1	1	0	0	0	0
05 - 09	11	9	2	1	1	0	0	0	0	0	0	0
10 - 14	15	9	6	1	1	1	1	1	0	0	0	0
15 - 19	17	8	9	1	1	1	3	2	1	0	0	0
20 - 24	28	18	10	2	3	2	7	4	3	1	1	0
25 - 29	45	23	22	3	3	3	12	3	9	1	0	1
30 - 34	53	33	20	4	4	3	19	11	8	1	1	1
35 - 39	71	44	27	4	6	3	15	12	3	1	2	0
40 - 44	86	50	36	6	7	5	29	23	6	2	3	1
45 - 49	129	65	64	10	11	9	27	16	11	2	3	2
50 - 54	127	76	51	14	17	11	31	19	12	3	4	2
55 - 59	138	71	67	20	21	18	43	27	16	6	8	4
60 - 64	165	81	84	29	31	27	55	32	23	10	12	7
65 - 69	211	111	100	42	51	35	83	49	34	17	22	12
70 - 74	251	136	115	59	74	47	107	60	47	25	33	19
75 - 79	201	106	95	67	81	56	121	74	47	40	57	28
80 - 84	124	55	69	70	72	68	74	37	37	42	49	36
85 +	103	61	42	75	102	54	75	40	35	55	67	45
Total/Crude	1,783	961	822	10	11	9	703	411	292	4	5	3
Black												
00 - 04	7	5	2	1	1	0	0	0	0	0	0	0
05 - 09	9	8	1	1	1	0	2	1	1	0	0	0
10 - 14	12	5	7	1	1	2	0	0	0	0	0	0
15 - 19	8	6	2	1	1	0	3	2	1	0	0	0
20 - 24	24	12	12	3	3	3	2	0	2	0	0	1
25 - 29	42	25	17	5	5	4	8	5	3	1	1	1
30 - 34	95	61	34	9	12	7	17	10	7	2	2	1
35 - 39	98	72	26	10	14	5	18	15	3	2	3	1
40 - 44	133	93	40	15	22	9	33	22	11	4	5	2
45 - 49	126	87	39	17	25	10	41	33	8	6	10	2
50 - 54	123	74	49	23	29	17	44	31	13	8	12	5
55 - 59	91	54	37	21	27	16	44	26	18	10	13	8
60 - 64	117	63	54	33	39	29	48	27	21	14	17	11
65 - 69	120	77	43	43	63	28	45	22	23	16	18	15
70 - 74	98	43	55	41	43	40	60	29	31	25	29	22
75 - 79	80	39	41	46	58	39	51	19	32	30	28	30
80 - 84	66	29	37	62	78	53	40	17	23	37	46	33
85 +	41	13	28	49	53	47	27	9	18	32	37	30
Total/Crude	1,290	766	524	11	13	9	483	268	215	4	5	4

(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.

NON-HODGKIN'S LYMPHOMA

Table XXII-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, Non-Hodgkin's Lymphoma (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	28	20	8	0	1	0	5	4	1	0	0	0
05 - 09	48	36	12	1	1	0	3	3	0	0	0	0
10 - 14	38	25	13	1	1	1	6	4	2	0	0	0
15 - 19	42	30	12	1	2	1	12	9	3	0	0	0
20 - 24	93	55	38	3	3	2	21	15	6	1	1	0
25 - 29	161	114	47	4	5	2	28	20	8	1	1	0
30 - 34	248	190	58	5	7	3	52	42	10	1	2	0
35 - 39	291	198	93	7	9	5	56	45	11	1	2	1
40 - 44	306	209	97	10	13	6	75	47	28	2	3	2
45 - 49	261	170	91	11	14	8	77	49	28	3	4	2
50 - 54	290	181	109	18	22	13	101	66	35	6	8	4
55 - 59	304	161	143	25	27	23	118	72	46	10	12	7
60 - 64	336	188	148	35	41	29	157	100	57	16	22	11
65 - 69	380	197	183	47	53	42	175	77	98	22	21	22
70 - 74	398	211	187	63	75	53	227	116	111	36	41	32
75 - 79	297	133	164	72	77	69	170	79	91	41	46	38
80 - 84	208	89	119	83	94	76	135	58	77	54	61	49
85 +	168	64	104	70	78	67	130	60	70	55	73	45
Total/Crude	3,897	2,271	1,626	8	9	7	1,548	866	682	3	3	3
Non-Hispanic White												
00 - 04	28	22	6	1	1	0	2	1	1	0	0	0
05 - 09	46	31	15	1	1	1	9	6	3	0	0	0
10 - 14	51	37	14	1	1	1	11	9	2	0	0	0
15 - 19	83	63	20	2	2	1	15	14	1	0	1	0
20 - 24	100	58	42	2	2	2	28	14	14	1	1	1
25 - 29	222	145	77	4	5	3	35	22	13	1	1	0
30 - 34	509	391	118	7	11	4	96	74	22	1	2	1
35 - 39	733	534	199	9	13	5	129	102	27	2	3	1
40 - 44	963	655	308	13	17	8	214	148	66	3	4	2
45 - 49	1,133	735	398	17	22	12	313	200	113	5	6	3
50 - 54	1,313	810	503	24	29	18	364	240	124	7	9	4
55 - 59	1,430	843	587	33	39	27	479	280	199	11	13	9
60 - 64	1,538	894	644	42	51	35	632	382	250	17	22	13
65 - 69	2,011	1,102	909	58	67	50	896	506	390	26	31	21
70 - 74	2,552	1,340	1,212	76	91	65	1,278	697	581	38	47	31
75 - 79	2,617	1,334	1,283	96	117	81	1,515	791	724	56	69	46
80 - 84	1,978	937	1,041	108	135	92	1,325	614	711	72	89	63
85 +	1,429	577	852	96	135	81	1,154	428	726	78	100	69
Total/Crude	18,736	10,508	8,228	22	25	19	8,495	4,528	3,967	10	11	9

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 XXII

Table XXII-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, Non-Hodgkin's Lymphoma

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
All Races								
0	0.01	0.03	0.06	2.03	0.00	0.01	0.03	1.66
25	0.07	0.20	0.41	2.04	0.03	0.09	0.22	1.65
35	0.13	0.35	0.70	2.00	0.06	0.19	0.45	1.63
45	0.22	0.58	1.13	1.92	0.13	0.40	0.83	1.59
55	0.38	0.96	1.53	1.78	0.27	0.72	1.23	1.50
65	0.65	1.30	-	1.58	0.48	1.03	-	1.33
Lifetime Risk of Being Diagnosed = 2.03 %				Lifetime Risk of Being Diagnosed = 1.66 %				
Lifetime Risk of Dying of Cancer = 0.99 %				Lifetime Risk of Dying of Cancer = 0.86 %				
Asian/Pacific Islander								
0	0.01	0.02	0.05	1.84	0.00	0.02	0.04	1.57
25	0.04	0.10	0.24	1.84	0.03	0.07	0.17	1.56
35	0.06	0.20	0.44	1.81	0.04	0.14	0.35	1.54
45	0.14	0.38	0.89	1.77	0.10	0.31	0.68	1.51
55	0.25	0.77	1.25	1.68	0.22	0.59	1.05	1.44
65	0.57	1.08	-	1.56	0.39	0.87	-	1.28
Lifetime Risk of Being Diagnosed = 1.84 %				Lifetime Risk of Being Diagnosed = 1.57 %				
Lifetime Risk of Dying of Cancer = 0.95 %				Lifetime Risk of Dying of Cancer = 0.77 %				
Black								
0	0.01	0.02	0.06	1.28	0.00	0.01	0.05	1.00
25	0.08	0.26	0.50	1.29	0.05	0.12	0.25	0.99
35	0.18	0.42	0.68	1.25	0.07	0.20	0.39	0.95
45	0.26	0.52	0.85	1.13	0.13	0.33	0.57	0.91
55	0.29	0.66	0.89	0.97	0.21	0.47	0.70	0.82
65	0.45	0.74	-	0.83	0.29	0.56	-	0.70
Lifetime Risk of Being Diagnosed = 1.28 %				Lifetime Risk of Being Diagnosed = 1.00 %				
Lifetime Risk of Dying of Cancer = 0.52 %				Lifetime Risk of Dying of Cancer = 0.48 %				
Hispanic								
0	0.01	0.02	0.06	1.84	0.00	0.01	0.03	1.70
25	0.06	0.17	0.34	1.85	0.03	0.08	0.18	1.70
35	0.11	0.28	0.58	1.82	0.06	0.16	0.40	1.68
45	0.18	0.49	0.98	1.75	0.10	0.35	0.75	1.64
55	0.32	0.84	1.32	1.65	0.25	0.67	1.16	1.58
65	0.57	1.10	-	1.47	0.44	0.96	-	1.41
Lifetime Risk of Being Diagnosed = 1.84 %				Lifetime Risk of Being Diagnosed = 1.70 %				
Lifetime Risk of Dying of Cancer = 1.01 %				Lifetime Risk of Dying of Cancer = 0.91 %				
Non-Hispanic White								
0	0.01	0.03	0.06	2.21	0.00	0.01	0.03	1.75
25	0.08	0.23	0.47	2.21	0.03	0.10	0.24	1.75
35	0.15	0.40	0.79	2.16	0.07	0.21	0.50	1.73
45	0.25	0.65	1.24	2.06	0.15	0.44	0.91	1.68
55	0.43	1.05	1.67	1.91	0.30	0.78	1.32	1.58
65	0.70	1.39	-	1.66	0.53	1.11	-	1.39
Lifetime Risk of Being Diagnosed = 2.21 %				Lifetime Risk of Being Diagnosed = 1.75 %				
Lifetime Risk of Dying of Cancer = 1.05 %				Lifetime Risk of Dying of Cancer = 0.90 %				

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.