

SECTION XII

Table XII-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, Laryngeal Cancer

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	1,150	917	233	4.9	8.8	1.8	352	280	72	1.5	2.9	0.5
1989	1,206	960	246	5.0	8.9	1.8	333	256	77	1.4	2.6	0.6
1990	1,205	931	274	4.8	8.4	2.0	314	245	69	1.3	2.4	0.5
1991	1,097	867	230	4.3	7.6	1.6	357	271	86	1.4	2.5	0.6
1992	1,089	888	201	4.1	7.6	1.4	320	242	78	1.2	2.1	0.5
1993	1,015	815	200	3.8	7.0	1.4	311	246	65	1.2	2.2	0.4
1994	1,111	874	237	4.1	7.3	1.6	302	222	80	1.1	2.0	0.5
1995	1,086	869	217	4.0	7.1	1.5	348	294	54	1.3	2.5	0.4
1996	1,044	826	218	3.8	6.7	1.5	314	250	64	1.1	2.1	0.4
1997	1,019	801	218	3.6	6.4	1.4	311	235	76	1.1	1.9	0.5
1998	1,042	810	232	3.6	6.2	1.5	330	248	82	1.2	2.0	0.5
1999	960	768	192	3.2	5.7	1.2	298	221	77	1.0	1.8	0.5
Asian/Pacific Islander												
1988	44	38	6	3.0	6.0	-	10	8	2	-	-	-
1989	35	27	8	2.1	3.7	-	8	5	3	-	-	-
1990	31	25	6	2.0	3.7	-	10	10	0	-	-	-
1991	38	31	7	2.0	3.6	-	6	5	1	-	-	-
1992	36	31	5	1.6	3.1	-	6	5	1	-	-	-
1993	38	35	3	1.9	3.9	-	8	6	2	-	-	-
1994	34	29	5	1.6	3.0	-	12	8	4	-	-	-
1995	41	39	2	1.8	3.8	-	12	12	0	-	-	-
1996	36	27	9	1.5	2.6	-	7	7	0	-	-	-
1997	42	40	2	1.6	3.5	-	10	7	3	-	-	-
1998	44	39	5	1.6	3.2	-	10	9	1	-	-	-
1999	44	37	7	1.5	2.9	-	14	11	3	-	-	-
Black												
1988	112	94	18	8.3	15.6	2.5	36	32	4	2.8	5.9	-
1989	83	70	13	5.9	11.7	-	31	27	4	2.3	4.6	-
1990	122	92	30	8.8	15.8	3.8	39	29	10	2.8	4.9	-
1991	99	74	25	6.7	11.6	3.0	45	37	8	3.2	6.2	-
1992	116	94	22	8.3	15.7	2.8	39	33	6	2.6	4.8	-
1993	92	69	23	6.1	10.5	2.7	38	33	5	2.6	5.3	-
1994	107	79	28	7.0	11.9	3.3	39	27	12	2.7	4.4	-
1995	96	77	19	6.3	11.7	2.2	44	34	10	2.9	5.4	-
1996	103	76	27	6.5	11.6	2.9	51	44	7	3.3	6.5	-
1997	100	83	17	6.1	11.6	1.9	35	31	4	2.3	4.8	-
1998	95	74	21	5.5	9.6	2.2	29	21	8	1.7	2.8	-
1999	107	87	20	6.4	11.9	2.2	35	27	8	2.2	4.2	-

(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.

LARYNGEAL CANCER

Table XII-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, Laryngeal Cancer (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	85	74	11	2.9	5.8	-	43	38	5	1.8	3.8	-
1989	98	83	15	3.4	6.4	1.0	26	23	3	1.0	2.2	-
1990	91	77	14	2.8	5.5	-	25	24	1	0.9	2.2	-
1991	92	76	16	2.7	4.9	0.9	24	19	5	0.7	1.4	-
1992	95	84	11	2.6	5.3	-	22	22	0	0.7	1.7	-
1993	101	91	10	3.0	6.1	-	29	27	2	0.9	1.9	-
1994	108	90	18	2.8	5.5	0.8	21	16	5	0.6	0.9	-
1995	124	105	19	3.0	5.8	0.7	33	30	3	0.9	1.9	-
1996	113	97	16	2.6	5.1	0.6	35	31	4	0.9	1.8	-
1997	117	95	22	2.8	5.1	1.0	35	30	5	0.9	1.8	-
1998	127	112	15	2.8	5.5	0.6	31	28	3	0.7	1.4	-
1999	108	89	19	2.2	4.0	0.7	38	34	4	0.8	1.6	-
Non-Hispanic White												
1988	903	706	197	5.1	9.1	2.1	263	202	61	1.5	2.7	0.6
1989	982	775	207	5.5	9.7	2.1	265	200	65	1.5	2.7	0.7
1990	952	730	222	5.1	8.8	2.3	238	180	58	1.3	2.4	0.6
1991	863	684	179	4.6	8.2	1.8	281	210	71	1.5	2.6	0.7
1992	837	675	162	4.4	8.0	1.6	253	182	71	1.3	2.2	0.7
1993	771	608	163	4.1	7.3	1.6	234	179	55	1.2	2.2	0.5
1994	850	667	183	4.5	7.9	1.8	230	171	59	1.2	2.1	0.6
1995	815	639	176	4.3	7.4	1.7	258	217	41	1.3	2.6	0.4
1996	777	615	162	4.1	7.2	1.6	221	168	53	1.1	2.0	0.5
1997	750	575	175	3.9	6.7	1.7	228	167	61	1.2	2.0	0.6
1998	764	576	188	3.9	6.5	1.8	260	190	70	1.3	2.2	0.6
1999	684	539	145	3.4	6.0	1.4	211	149	62	1.1	1.7	0.6

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 XII

Table XII-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, Laryngeal Cancer

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	0	1	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	2	1	1	0	0	0	0	0	0	0	0	0
20 - 24	3	2	1	0	0	0	0	0	0	0	0	0
25 - 29	7	5	2	0	0	0	1	0	1	0	0	0
30 - 34	18	12	6	0	0	0	2	2	0	0	0	0
35 - 39	46	30	16	0	0	0	8	8	0	0	0	0
40 - 44	128	93	35	1	1	1	26	21	5	0	0	0
45 - 49	227	177	50	2	3	1	54	48	6	0	1	0
50 - 54	433	339	94	5	8	2	81	65	16	1	2	0
55 - 59	611	485	126	9	15	4	146	124	22	2	4	1
60 - 64	766	607	159	14	23	6	231	181	50	4	7	2
65 - 69	921	748	173	18	32	6	258	199	59	5	8	2
70 - 74	803	618	185	17	30	7	281	208	73	6	10	3
75 - 79	650	522	128	18	34	6	227	174	53	6	11	3
80 - 84	350	281	69	15	31	5	158	122	36	7	14	2
85 +	185	154	31	9	26	2	128	96	32	7	16	2
Total/Crude	5,151	4,074	1,077	3	5	1	1,601	1,248	353	1	2	0
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	1	1	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	4	2	2	0	0	0	2	2	0	0	0	0
45 - 49	6	5	1	0	1	0	4	3	1	0	0	0
50 - 54	16	13	3	2	3	1	2	2	0	0	0	0
55 - 59	10	9	1	1	3	0	5	4	1	1	1	0
60 - 64	22	20	2	4	8	1	5	5	0	1	2	0
65 - 69	41	34	7	8	16	2	6	4	2	1	2	1
70 - 74	45	39	6	11	21	2	6	6	0	1	3	0
75 - 79	35	34	1	12	26	1	11	11	0	4	8	0
80 - 84	12	11	1	7	14	1	4	3	1	2	4	1
85 +	12	11	1	9	18	1	8	6	2	6	10	3
Total/Crude	207	182	25	1	2	0	53	46	7	0	1	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	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	1	0	1	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	5	5	0	0	1	0	1	1	0	0	0	0
40 - 44	13	9	4	1	2	1	7	6	1	1	1	0
45 - 49	38	29	9	5	8	2	11	10	1	2	3	0
50 - 54	56	45	11	10	18	4	14	12	2	3	5	1
55 - 59	73	56	17	17	27	7	27	24	3	6	12	1
60 - 64	105	83	22	30	51	12	35	28	7	10	17	4
65 - 69	71	58	13	25	47	8	25	18	7	9	15	4
70 - 74	63	50	13	27	51	9	33	26	7	14	26	5
75 - 79	47	38	9	27	57	9	21	17	4	12	25	4
80 - 84	25	21	4	23	57	6	13	10	3	12	27	4
85 +	5	3	2	6	12	3	6	5	1	7	20	2
Total/Crude	501	397	104	4	7	2	194	157	37	2	3	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.

LARYNGEAL CANCER

Table XII-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, Laryngeal Cancer (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	1	0	1	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	2	1	1	0	0	0	0	0	0	0	0	0
30 - 34	7	5	2	0	0	0	0	0	0	0	0	0
35 - 39	10	4	6	0	0	0	2	2	0	0	0	0
40 - 44	28	23	5	1	1	0	4	3	1	0	0	0
45 - 49	36	31	5	2	3	0	9	9	0	0	1	0
50 - 54	47	42	5	3	5	1	9	9	0	1	1	0
55 - 59	67	57	10	5	10	2	14	13	1	1	2	0
60 - 64	87	77	10	9	17	2	26	24	2	3	5	0
65 - 69	112	94	18	14	25	4	36	34	2	4	9	0
70 - 74	80	65	15	13	23	4	23	20	3	4	7	1
75 - 79	58	53	5	14	31	2	23	19	4	6	11	2
80 - 84	38	32	6	15	34	4	16	11	5	6	12	3
85 +	15	14	1	6	17	1	10	9	1	4	11	1
Total/Crude	589	498	91	1	2	0	172	153	19	0	1	0
Non-Hispanic White												
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	2	1	1	0	0	0	0	0	0	0	0	0
20 - 24	2	2	0	0	0	0	0	0	0	0	0	0
25 - 29	5	4	1	0	0	0	0	0	0	0	0	0
30 - 34	10	6	4	0	0	0	2	2	0	0	0	0
35 - 39	28	18	10	0	0	0	5	5	0	0	0	0
40 - 44	81	58	23	1	2	1	13	10	3	0	0	0
45 - 49	142	107	35	2	3	1	30	26	4	0	1	0
50 - 54	308	235	73	6	8	3	56	42	14	1	2	1
55 - 59	452	355	97	10	17	4	100	83	17	2	4	1
60 - 64	545	420	125	15	24	7	164	124	40	5	7	2
65 - 69	683	550	133	20	34	7	190	143	47	6	9	3
70 - 74	607	457	150	18	31	8	219	156	63	7	11	3
75 - 79	502	391	111	18	34	7	170	126	44	6	11	3
80 - 84	275	217	58	15	31	5	125	98	27	7	14	2
85 +	148	123	25	10	29	2	104	76	28	7	18	3
Total/Crude	3,790	2,944	846	4	7	2	1,178	891	287	1	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.

SECTION XII

Table XII-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, Laryngeal Cancer

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	0.63	0.00	0.00	0.00	0.15
25	0.00	0.01	0.06	0.64	0.00	0.00	0.02	0.16
35	0.01	0.06	0.22	0.65	0.00	0.02	0.06	0.16
45	0.05	0.22	0.45	0.66	0.01	0.06	0.11	0.15
55	0.17	0.42	0.58	0.64	0.04	0.10	0.14	0.14
65	0.27	0.46	-	0.52	0.06	0.10	-	0.11
Lifetime Risk of Being Diagnosed = 0.63 %				Lifetime Risk of Being Diagnosed = 0.15 %				
Lifetime Risk of Dying of Cancer = 0.21 %				Lifetime Risk of Dying of Cancer = 0.06 %				
Asian/Pacific Islander								
0	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.05
25	0.00	0.00	0.02	0.41	0.00	0.00	0.01	0.05
35	0.00	0.02	0.07	0.42	0.00	0.01	0.01	0.05
45	0.02	0.07	0.22	0.42	0.00	0.01	0.03	0.05
55	0.05	0.20	0.33	0.41	0.00	0.03	0.03	0.04
65	0.17	0.31	-	0.39	0.02	0.03	-	0.04
Lifetime Risk of Being Diagnosed = 0.41 %				Lifetime Risk of Being Diagnosed = 0.05 %				
Lifetime Risk of Dying of Cancer = 0.12 %				Lifetime Risk of Dying of Cancer = 0.03 %				
Black								
0	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.21
25	0.00	0.01	0.13	0.87	0.00	0.00	0.03	0.22
35	0.02	0.13	0.43	0.90	0.00	0.03	0.11	0.22
45	0.12	0.44	0.73	0.93	0.03	0.11	0.18	0.22
55	0.35	0.67	0.88	0.90	0.09	0.16	0.20	0.20
65	0.40	0.65	-	0.67	0.08	0.12	-	0.13
Lifetime Risk of Being Diagnosed = 0.84 %				Lifetime Risk of Being Diagnosed = 0.21 %				
Lifetime Risk of Dying of Cancer = 0.35 %				Lifetime Risk of Dying of Cancer = 0.08 %				
Hispanic								
0	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.08
25	0.00	0.01	0.04	0.57	0.00	0.00	0.01	0.08
35	0.01	0.04	0.16	0.58	0.00	0.01	0.03	0.08
45	0.04	0.16	0.34	0.59	0.01	0.02	0.06	0.08
55	0.12	0.32	0.50	0.58	0.02	0.05	0.07	0.08
65	0.22	0.42	-	0.50	0.04	0.06	-	0.08
Lifetime Risk of Being Diagnosed = 0.56 %				Lifetime Risk of Being Diagnosed = 0.08 %				
Lifetime Risk of Dying of Cancer = 0.20 %				Lifetime Risk of Dying of Cancer = 0.03 %				
Non-Hispanic White								
0	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.18
25	0.00	0.01	0.07	0.67	0.00	0.01	0.02	0.18
35	0.01	0.07	0.24	0.68	0.00	0.02	0.07	0.18
45	0.06	0.24	0.48	0.69	0.02	0.07	0.13	0.18
55	0.19	0.45	0.61	0.66	0.05	0.12	0.16	0.17
65	0.29	0.47	-	0.53	0.07	0.11	-	0.12
Lifetime Risk of Being Diagnosed = 0.66 %				Lifetime Risk of Being Diagnosed = 0.18 %				
Lifetime Risk of Dying of Cancer = 0.21 %				Lifetime Risk of Dying of Cancer = 0.06 %				

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.