

SECTION XXIII

Table XXIII-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, Oral Cavity and Pharynx 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	3,063	2,026	1,037	12.9	18.9	7.9	873	537	336	3.8	5.3	2.6
1989	3,147	2,023	1,124	13.0	18.6	8.4	869	536	333	3.6	5.1	2.5
1990	3,184	2,122	1,062	12.6	18.7	7.7	887	572	315	3.6	5.2	2.3
1991	3,141	2,091	1,050	12.2	18.2	7.4	863	539	324	3.5	4.9	2.3
1992	3,151	2,158	993	11.9	18.0	6.9	897	593	304	3.5	5.3	2.1
1993	3,180	2,085	1,095	11.9	17.3	7.5	879	564	315	3.4	4.8	2.2
1994	3,128	2,046	1,082	11.5	16.7	7.3	854	539	315	3.2	4.6	2.1
1995	3,170	2,116	1,054	11.5	16.9	7.0	919	589	330	3.4	4.9	2.2
1996	3,194	2,091	1,103	11.4	16.4	7.2	841	554	287	3.0	4.6	1.9
1997	3,261	2,174	1,087	11.3	16.6	6.9	828	523	305	2.9	4.2	1.9
1998	3,141	2,075	1,066	10.6	15.3	6.7	836	536	300	2.9	4.1	1.8
1999	3,036	2,044	992	10.0	14.7	6.0	817	508	309	2.8	3.8	1.9
Asian/Pacific Islander												
1988	177	116	61	9.9	14.0	6.5	54	36	18	3.4	4.7	2.3
1989	172	100	72	9.2	11.6	7.1	64	44	20	3.6	5.3	2.2
1990	200	125	75	10.2	13.7	7.2	68	47	21	4.1	5.8	2.7
1991	211	135	76	9.8	13.1	7.0	64	42	22	3.2	4.3	2.1
1992	244	160	84	10.7	14.8	7.2	69	53	16	3.2	5.2	1.5
1993	204	128	76	8.6	11.4	6.1	83	62	21	3.6	5.8	1.8
1994	239	146	93	9.6	12.3	7.2	77	50	27	3.2	4.3	2.2
1995	217	145	72	8.1	11.7	5.1	76	52	24	3.0	4.2	1.8
1996	272	180	92	9.6	13.8	6.0	82	53	29	3.1	4.3	2.1
1997	293	185	108	9.7	13.3	6.7	81	58	23	2.8	4.3	1.5
1998	274	180	94	8.8	12.7	5.5	78	52	26	2.6	3.7	1.6
1999	264	163	101	8.1	10.7	5.8	94	71	23	3.0	4.8	1.4
Black												
1988	201	151	50	14.2	24.4	6.4	78	52	26	5.8	8.9	3.4
1989	200	152	48	14.2	24.4	6.0	76	56	20	5.6	9.7	2.7
1990	208	164	44	13.9	25.2	5.2	76	65	11	5.4	10.8	-
1991	194	134	60	12.4	19.3	7.0	78	56	22	5.4	9.1	2.7
1992	182	136	46	11.6	19.1	5.6	82	65	17	5.3	9.4	2.0
1993	233	167	66	14.3	22.1	7.5	81	60	21	5.3	8.7	2.6
1994	198	139	59	12.3	19.4	6.8	61	47	14	4.1	7.5	-
1995	206	151	55	12.7	21.5	6.0	73	48	25	4.7	7.4	2.9
1996	210	154	56	12.3	20.1	6.1	68	52	16	4.5	8.5	1.8
1997	192	133	59	11.2	17.8	6.2	72	52	20	4.4	7.4	2.1
1998	204	136	68	11.3	17.0	6.9	66	43	23	4.1	6.6	2.5
1999	186	125	61	10.4	16.0	6.2	67	45	22	3.9	5.9	2.3

(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.

ORAL CAVITY AND PHARYNX CANCER

Table XXIII-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, Oral Cavity and Pharynx 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	215	151	64	6.7	10.7	3.5	49	37	12	1.6	2.6	-
1989	240	167	73	7.3	11.0	4.3	53	38	15	1.8	3.1	0.9
1990	242	169	73	7.0	10.9	3.9	63	38	25	2.2	3.2	1.5
1991	236	163	73	6.5	10.0	3.7	59	42	17	2.1	3.6	1.1
1992	260	179	81	6.9	10.4	4.1	60	44	16	1.8	3.1	0.9
1993	268	169	99	6.4	8.8	4.3	77	59	18	2.1	3.7	0.9
1994	276	186	90	6.5	9.5	4.0	58	42	16	1.6	2.5	0.8
1995	295	206	89	6.6	10.1	3.8	71	49	22	1.8	2.8	1.0
1996	306	211	95	6.3	9.7	3.6	68	49	19	1.7	2.9	0.8
1997	288	193	95	6.0	8.6	3.8	73	55	18	1.7	2.7	0.9
1998	288	199	89	5.6	8.2	3.3	73	58	15	1.6	2.7	0.6
1999	287	204	83	5.3	8.0	3.0	77	50	27	1.6	2.3	1.1
Non-Hispanic White												
1988	2,430	1,574	856	14.0	20.1	8.8	688	410	278	3.9	5.4	2.8
1989	2,492	1,580	912	14.0	19.9	9.3	674	396	278	3.8	5.1	2.7
1990	2,473	1,622	851	13.6	19.9	8.4	678	420	258	3.7	5.2	2.5
1991	2,450	1,626	824	13.4	20.0	8.1	657	396	261	3.6	4.9	2.5
1992	2,419	1,651	768	13.0	19.7	7.5	685	431	254	3.7	5.4	2.4
1993	2,416	1,576	840	13.0	18.8	8.1	636	383	253	3.4	4.6	2.4
1994	2,371	1,550	821	12.7	18.5	7.9	658	400	258	3.5	4.8	2.4
1995	2,395	1,579	816	12.7	18.5	7.7	697	439	258	3.7	5.3	2.4
1996	2,328	1,499	829	12.2	17.6	7.9	622	399	223	3.2	4.8	2.0
1997	2,412	1,614	798	12.5	18.6	7.5	600	357	243	3.1	4.2	2.2
1998	2,306	1,526	780	11.8	17.1	7.3	616	382	234	3.1	4.3	2.0
1999	2,229	1,512	717	11.3	16.7	6.6	578	341	237	2.9	3.9	2.0

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. 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 XXIII

Table XXIII-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, Oral Cavity and Pharynx 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	9	5	4	0	0	0	0	0	0	0	0	0
05 - 09	11	6	5	0	0	0	0	0	0	0	0	0
10 - 14	23	10	13	0	0	0	2	0	2	0	0	0
15 - 19	45	22	23	0	0	0	5	3	2	0	0	0
20 - 24	72	41	31	1	1	1	5	4	1	0	0	0
25 - 29	115	60	55	1	1	1	14	8	6	0	0	0
30 - 34	299	197	102	2	3	2	22	13	9	0	0	0
35 - 39	486	354	132	3	5	2	76	52	24	1	1	0
40 - 44	818	605	213	6	9	3	129	95	34	1	1	1
45 - 49	1,186	881	305	11	16	5	216	155	61	2	3	1
50 - 54	1,494	1,095	399	17	25	9	314	239	75	4	6	2
55 - 59	1,689	1,241	448	25	38	13	420	304	116	6	9	3
60 - 64	1,735	1,198	537	31	45	19	473	331	142	9	12	5
65 - 69	2,119	1,391	728	42	59	27	550	379	171	11	16	6
70 - 74	2,154	1,389	765	46	68	29	677	435	242	14	21	9
75 - 79	1,690	1,017	673	47	67	32	539	315	224	15	21	11
80 - 84	1,043	586	457	44	65	31	394	194	200	17	21	14
85 +	814	402	412	42	67	30	405	183	222	21	31	16
Total/Crude	15,802	10,500	5,302	10	13	6	4,241	2,710	1,531	3	3	2
Asian/Pacific Islander												
00 - 04	1	0	1	0	0	0	0	0	0	0	0	0
05 - 09	2	0	2	0	0	0	0	0	0	0	0	0
10 - 14	1	0	1	0	0	0	0	0	0	0	0	0
15 - 19	6	2	4	0	0	1	1	1	0	0	0	0
20 - 24	14	7	7	1	1	1	3	2	1	0	0	0
25 - 29	23	10	13	2	1	2	2	1	1	0	0	0
30 - 34	55	28	27	4	4	4	8	5	3	1	1	0
35 - 39	82	58	24	5	8	3	22	16	6	1	2	1
40 - 44	147	102	45	10	14	6	30	27	3	2	4	0
45 - 49	168	107	61	13	18	9	54	39	15	4	6	2
50 - 54	139	100	39	15	23	8	50	39	11	5	9	2
55 - 59	133	90	43	19	27	12	50	36	14	7	11	4
60 - 64	112	78	34	20	30	11	48	36	12	8	14	4
65 - 69	149	99	50	30	45	18	37	23	14	7	10	5
70 - 74	123	78	45	29	43	18	33	24	9	8	13	4
75 - 79	83	50	33	28	38	19	32	12	20	11	9	12
80 - 84	42	21	21	24	28	21	18	10	8	10	13	8
85 +	40	23	17	29	39	22	23	15	8	17	25	10
Total/Crude	1,320	853	467	7	10	5	411	286	125	2	3	1
Black												
00 - 04	1	1	0	0	0	0	0	0	0	0	0	0
05 - 09	1	1	0	0	0	0	0	0	0	0	0	0
10 - 14	6	3	3	1	1	1	0	0	0	0	0	0
15 - 19	6	3	3	1	1	1	1	1	0	0	0	0
20 - 24	5	2	3	1	0	1	0	0	0	0	0	0
25 - 29	5	4	1	1	1	0	1	1	0	0	0	0
30 - 34	31	20	11	3	4	2	1	1	0	0	0	0
35 - 39	42	29	13	4	6	3	10	7	3	1	1	1
40 - 44	75	50	25	8	12	5	23	14	9	3	3	2
45 - 49	110	81	29	15	23	8	21	12	9	3	3	2
50 - 54	115	83	32	21	33	11	32	20	12	6	8	4
55 - 59	139	106	33	32	52	14	54	36	18	12	18	8
60 - 64	115	85	30	33	52	16	46	34	12	13	21	6
65 - 69	118	81	37	42	66	24	41	28	13	15	23	8
70 - 74	106	72	34	45	73	25	43	32	11	18	32	8
75 - 79	64	42	22	37	63	21	41	33	8	24	49	8
80 - 84	34	21	13	32	57	19	14	10	4	13	27	6
85 +	25	15	10	30	61	17	18	11	7	22	45	12
Total/Crude	998	699	299	9	12	5	346	240	106	3	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. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

ORAL CAVITY AND PHARYNX CANCER

Table XXIII-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, Oral Cavity and Pharynx 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	2	1	1	0	0	0	0	0	0	0	0	0
05 - 09	2	2	0	0	0	0	0	0	0	0	0	0
10 - 14	5	2	3	0	0	0	1	0	1	0	0	0
15 - 19	16	7	9	0	0	0	3	1	2	0	0	0
20 - 24	22	16	6	1	1	0	1	1	0	0	0	0
25 - 29	28	13	15	1	1	1	1	1	0	0	0	0
30 - 34	53	38	15	1	1	1	2	1	1	0	0	0
35 - 39	71	51	20	2	2	1	15	9	6	0	0	0
40 - 44	103	74	29	3	4	2	15	12	3	0	1	0
45 - 49	100	72	28	4	6	2	17	15	2	1	1	0
50 - 54	152	115	37	9	14	4	32	26	6	2	3	1
55 - 59	173	134	39	14	23	6	33	27	6	3	5	1
60 - 64	178	128	50	18	28	10	53	40	13	5	9	3
65 - 69	173	119	54	21	32	12	51	41	10	6	11	2
70 - 74	157	111	46	25	40	13	46	32	14	7	11	4
75 - 79	112	69	43	27	40	18	36	28	8	9	16	3
80 - 84	54	32	22	22	34	14	26	13	13	10	14	8
85 +	63	29	34	26	35	22	30	14	16	13	17	10
Total/Crude	1,464	1,013	451	3	4	2	362	261	101	1	1	0
Non-Hispanic White												
00 - 04	5	3	2	0	0	0	0	0	0	0	0	0
05 - 09	6	3	3	0	0	0	0	0	0	0	0	0
10 - 14	11	5	6	0	0	0	1	0	1	0	0	0
15 - 19	15	10	5	0	0	0	0	0	0	0	0	0
20 - 24	28	16	12	1	1	1	1	1	0	0	0	0
25 - 29	56	32	24	1	1	1	10	5	5	0	0	0
30 - 34	147	102	45	2	3	1	11	6	5	0	0	0
35 - 39	276	205	71	4	5	2	29	20	9	0	1	0
40 - 44	482	375	107	6	10	3	61	42	19	1	1	1
45 - 49	777	598	179	12	18	5	122	87	35	2	3	1
50 - 54	1,060	777	283	19	28	10	200	154	46	4	6	2
55 - 59	1,218	893	325	28	42	15	282	205	77	6	10	4
60 - 64	1,306	896	410	36	51	22	325	221	104	9	13	6
65 - 69	1,624	1,056	568	47	65	31	420	287	133	12	18	7
70 - 74	1,726	1,107	619	51	75	33	552	345	207	16	23	11
75 - 79	1,384	828	556	51	73	35	430	242	188	16	21	12
80 - 84	890	497	393	49	72	35	335	160	175	18	23	15
85 +	659	327	332	44	76	31	334	143	191	23	33	18
Total/Crude	11,670	7,730	3,940	14	18	9	3,113	1,918	1,195	4	5	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. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

SECTION XXIII

Table XXIII-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, Oral Cavity and Pharynx 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	0.01	1.43	0.00	0.00	0.01	0.73
25	0.02	0.08	0.27	1.46	0.01	0.04	0.10	0.74
35	0.07	0.26	0.60	1.46	0.02	0.09	0.23	0.73
45	0.19	0.55	1.00	1.43	0.07	0.21	0.43	0.71
55	0.38	0.85	1.17	1.30	0.15	0.37	0.56	0.66
65	0.53	0.89	-	1.04	0.24	0.45	-	0.56
Lifetime Risk of Being Diagnosed = 1.43 %				Lifetime Risk of Being Diagnosed = 0.73 %				
Lifetime Risk of Dying of Cancer = 0.43 %				Lifetime Risk of Dying of Cancer = 0.25 %				
Asian/Pacific Islander								
0	0.00	0.00	0.01	1.26	0.00	0.01	0.02	0.72
25	0.03	0.13	0.33	1.27	0.03	0.07	0.15	0.71
35	0.11	0.30	0.56	1.26	0.04	0.13	0.24	0.69
45	0.20	0.46	0.81	1.16	0.08	0.19	0.35	0.65
55	0.27	0.63	0.83	1.00	0.11	0.27	0.42	0.58
65	0.39	0.61	-	0.79	0.17	0.32	-	0.49
Lifetime Risk of Being Diagnosed = 1.26 %				Lifetime Risk of Being Diagnosed = 0.72 %				
Lifetime Risk of Dying of Cancer = 0.47 %				Lifetime Risk of Dying of Cancer = 0.25 %				
Black								
0	0.00	0.01	0.01	1.30	0.00	0.01	0.01	0.55
25	0.02	0.11	0.35	1.34	0.01	0.05	0.14	0.56
35	0.08	0.34	0.73	1.36	0.04	0.12	0.25	0.55
45	0.27	0.68	1.08	1.34	0.09	0.22	0.39	0.53
55	0.46	0.91	1.12	1.20	0.14	0.32	0.42	0.47
65	0.56	0.82	-	0.91	0.20	0.32	-	0.37
Lifetime Risk of Being Diagnosed = 1.30 %				Lifetime Risk of Being Diagnosed = 0.55 %				
Lifetime Risk of Dying of Cancer = 0.52 %				Lifetime Risk of Dying of Cancer = 0.22 %				
Hispanic								
0	0.00	0.00	0.01	0.92	0.00	0.00	0.01	0.46
25	0.01	0.04	0.13	0.94	0.01	0.02	0.06	0.46
35	0.03	0.13	0.35	0.94	0.01	0.05	0.12	0.46
45	0.10	0.32	0.59	0.93	0.03	0.11	0.22	0.45
55	0.24	0.52	0.73	0.88	0.08	0.19	0.29	0.42
65	0.31	0.54	-	0.71	0.12	0.23	-	0.37
Lifetime Risk of Being Diagnosed = 0.92 %				Lifetime Risk of Being Diagnosed = 0.46 %				
Lifetime Risk of Dying of Cancer = 0.31 %				Lifetime Risk of Dying of Cancer = 0.15 %				
Non-Hispanic White								
0	0.00	0.00	0.01	1.60	0.00	0.00	0.01	0.82
25	0.02	0.09	0.30	1.62	0.01	0.03	0.11	0.82
35	0.07	0.29	0.68	1.62	0.02	0.10	0.26	0.81
45	0.22	0.62	1.13	1.59	0.08	0.24	0.50	0.80
55	0.42	0.95	1.31	1.44	0.17	0.43	0.65	0.75
65	0.60	0.99	-	1.14	0.28	0.51	-	0.62
Lifetime Risk of Being Diagnosed = 1.60 %				Lifetime Risk of Being Diagnosed = 0.82 %				
Lifetime Risk of Dying of Cancer = 0.44 %				Lifetime Risk of Dying of Cancer = 0.27 %				

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.