

ESOPHAGEAL CANCER
Incidence

Table 1. Esophageal Cancer. Annual Case Counts, Age-Adjusted (2000 US Population Standard) Incidence Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
ALL RACES									
1988	226	4.6	4.0-5.2	160	7.8	6.6-9.2	66	2.4	1.8-3.0
1989	238	4.9	4.3-5.6	158	7.7	6.5-9.2	80	2.9	2.3-3.6
1990	266	5.4	4.8-6.1	196	9.3	8.0-10.8	70	2.5	2.0-3.2
1991	207	4.1	3.6-4.7	140	6.5	5.4-7.8	67	2.3	1.8-2.9
1992	215	4.2	3.6-4.8	152	6.8	5.7-8.0	63	2.2	1.7-2.8
1993	246	4.7	4.2-5.4	175	7.7	6.6-9.0	71	2.4	1.9-3.1
1994	240	4.5	4.0-5.1	165	7.1	6.0-8.3	75	2.5	2.0-3.1
1995	198	3.7	3.2-4.2	133	5.6	4.6-6.6	65	2.1	1.6-2.7
1996	241	4.4	3.9-5.0	170	7.0	6.0-8.2	71	2.3	1.8-2.9
1997	224	4.0	3.5-4.6	146	6.1	5.1-7.2	78	2.5	2.0-3.1
1998	254	4.5	4.0-5.1	176	7.1	6.1-8.3	78	2.4	1.9-3.0
1999	274	4.7	4.2-5.3	194	7.6	6.6-8.8	80	2.5	1.9-3.1
2000	220	3.7	3.2-4.2	164	6.2	5.3-7.3	56	1.7	1.3-2.2
2001	268	4.5	4.0-5.1	200	7.6	6.6-8.8	68	2.0	1.6-2.6
2002	247	4.0	3.5-4.6	183	6.8	5.9-7.9	64	1.9	1.4-2.4
2003	222	3.6	3.1-4.1	159	5.8	5.0-6.9	63	1.8	1.4-2.4
2004	257	4.1	3.6-4.6	185	6.7	5.8-7.8	72	2.1	1.6-2.6
2005	255	3.9	3.5-4.4	195	6.8	5.8-7.8	60	1.7	1.3-2.2
WHITE (non-Hispanic)									
1988	168	4.7	4.0-5.5	115	7.5	6.2-9.2	53	2.6	1.9-3.5
1989	172	4.9	4.2-5.7	106	7.3	6.0-9.0	66	3.2	2.5-4.1
1990	174	4.9	4.2-5.8	123	8.3	6.9-10.0	51	2.5	1.8-3.3
1991	148	4.1	3.5-4.9	95	6.3	5.0-7.8	53	2.5	1.9-3.4
1992	149	4.2	3.5-4.9	104	6.7	5.5-8.2	45	2.2	1.6-3.0
1993	174	4.9	4.2-5.7	121	7.7	6.4-9.3	53	2.6	1.9-3.5
1994	176	4.8	4.2-5.6	123	7.8	6.5-9.3	53	2.6	1.9-3.4
1995	147	4.1	3.4-4.8	96	5.9	4.8-7.3	51	2.4	1.8-3.3
1996	175	4.8	4.1-5.6	120	7.5	6.2-9.0	55	2.5	1.8-3.3
1997	159	4.3	3.7-5.1	104	6.5	5.3-7.9	55	2.6	1.9-3.4
1998	177	4.8	4.1-5.5	119	7.3	6.1-8.8	58	2.7	2.1-3.6
1999	193	5.1	4.4-5.9	138	8.3	7.0-9.9	55	2.6	1.9-3.4
2000	149	3.9	3.3-4.7	115	6.9	5.7-8.3	34	1.6	1.1-2.3
2001	197	5.3	4.6-6.1	144	8.6	7.3-10.2	53	2.6	1.9-3.4
2002	187	5.0	4.3-5.8	143	8.6	7.2-10.2	44	2.0	1.5-2.8
2003	159	4.2	3.6-4.9	112	6.6	5.5-8.1	47	2.2	1.6-3.0
2004	176	4.6	3.9-5.4	126	7.4	6.2-8.9	50	2.4	1.8-3.3
2005	169	4.3	3.7-5.1	130	7.4	6.2-8.9	39	1.8	1.3-2.5

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 1. Esophageal Cancer. Annual Case Counts, Age-Adjusted (2000 US Population Standard) (cont) Incidence Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
BLACK (non-Hispanic)									
1988	30	8.5	5.7-12.6	23	15.2	9.5-25.2	7	-	-
1989	23	6.7	4.2-10.6	18	12.7	7.3-22.4	5	-	-
1990	50	14.4	10.7-19.4	36	23.6	16.4-34.4	14	-	-
1991	32	8.9	6.1-12.9	23	14.4	9.0-23.5	9	-	-
1992	38	10.1	7.2-14.2	26	15.9	10.3-24.9	12	-	-
1993	29	7.7	5.2-11.4	21	11.8	7.2-19.8	8	-	-
1994	26	6.8	4.5-10.3	16	9.1	5.2-16.5	10	-	-
1995	18	5.0	2.9-8.1	13	-	-	5	-	-
1996	23	6.1	3.8-9.3	17	10.1	5.7-17.7	6	-	-
1997	18	4.9	2.9-7.9	9	-	-	9	-	-
1998	28	7.5	5.0-10.9	20	12.0	7.3-19.7	8	-	-
1999	18	4.7	2.8-7.5	10	-	-	8	-	-
2000	21	5.5	3.4-8.4	14	-	-	7	-	-
2001	21	5.6	3.5-8.7	16	10.0	5.6-17.2	5	-	-
2002	19	4.7	2.8-7.5	13	-	-	6	-	-
2003	21	5.3	3.3-8.2	11	-	-	10	-	-
2004	20	5.3	3.2-8.2	12	-	-	8	-	-
2005	16	4.3	2.4-7.0	12	-	-	<5	-	-
HISPANIC									
1988	13	-	-	9	-	-	<5	-	-
1989	14	-	-	10	-	-	<5	-	-
1990	16	3.8	2.1-6.4	16	9.6	5.1-17.0	<5	-	-
1991	12	-	-	10	-	-	<5	-	-
1992	11	-	-	8	-	-	<5	-	-
1993	16	3.1	1.7-5.3	14	-	-	<5	-	-
1994	14	-	-	8	-	-	6	-	-
1995	13	-	-	8	-	-	5	-	-
1996	14	-	-	13	-	-	<5	-	-
1997	19	3.6	2.1-5.8	13	-	-	6	-	-
1998	17	2.9	1.6-4.9	13	-	-	<5	-	-
1999	30	5.5	3.7-8.0	23	9.8	6.0-15.8	7	-	-
2000	22	3.6	2.2-5.7	16	5.4	2.8-10.1	6	-	-
2001	19	2.8	1.6-4.5	18	5.9	3.3-10.4	<5	-	-
2002	14	-	-	10	-	-	<5	-	-
2003	20	2.8	1.7-4.5	18	5.9	3.3-10.0	<5	-	-
2004	29	4.0	2.7-5.9	25	8.0	5.0-12.4	<5	-	-
2005	27	3.2	2.0-4.7	23	6.2	3.7-10.0	<5	-	-

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 1. Esophageal Cancer. Annual Case Counts, Age-Adjusted (2000 US Population Standard) Incidence Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
ASIAN/PACIFIC ISLANDER (non-Hispanic)									
1988	14	-	-	12	-	-	<5	-	-
1989	28	5.1	3.3-7.8	23	9.1	5.6-15.0	5	-	-
1990	26	4.2	2.7-6.6	21	7.4	4.5-12.4	5	-	-
1991	15	2.6	1.4-4.6	12	-	-	<5	-	-
1992	17	2.5	1.4-4.4	14	-	-	<5	-	-
1993	23	3.2	2.0-5.0	17	5.5	3.1-9.5	6	-	-
1994	23	3.1	1.9-4.8	18	5.5	3.2-9.3	5	-	-
1995	18	2.3	1.3-3.8	15	4.1	2.2-7.4	<5	-	-
1996	28	3.2	2.1-4.7	19	4.9	2.9-8.1	9	-	-
1997	28	3.1	2.1-4.7	20	4.8	2.9-7.9	8	-	-
1998	30	3.1	2.1-4.6	22	4.9	3.0-7.8	8	-	-
1999	31	2.9	2.0-4.2	22	4.5	2.8-7.2	9	-	-
2000	28	2.6	1.7-3.8	19	3.9	2.3-6.4	9	-	-
2001	30	2.8	1.9-4.0	22	5.0	3.1-7.8	8	-	-
2002	25	2.1	1.3-3.1	16	3.1	1.7-5.2	9	-	-
2003	20	1.7	1.0-2.6	17	3.3	1.9-5.5	<5	-	-
2004	29	2.3	1.5-3.4	19	3.6	2.1-5.8	10	-	-
2005	41	3.1	2.2-4.2	28	4.9	3.2-7.2	13	-	-

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 2. Esophageal Cancer. Five-Year Case Counts, Average Annual Age-Specific Incidence Rates per 100,000 Population and 95% Confidence Intervals (CI) for All Races Combined, by Sex, 2001-2005, Greater Bay Area

Age at Diagnosis	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
00 - 04	<5	-	-	<5	-	-
05 - 09	<5	-	-	<5	-	-
10 - 14	<5	-	-	<5	-	-
15 - 19	<5	-	-	<5	-	-
20 - 24	<5	-	-	<5	-	-
25 - 29	<5	-	-	<5	-	-
30 - 34	<5	-	-	<5	-	-
35 - 39	7	-	-	<5	-	-
40 - 44	16	1.1	0.7-1.8	7	-	-
45 - 49	46	3.6	2.6-4.8	12	-	-
50 - 54	77	6.9	5.4-8.6	15	1.3	0.7-2.2
55 - 59	95	10.7	8.6-13.0	16	1.7	1.0-2.8
60 - 64	107	17.0	13.9-20.6	21	3.1	1.9-4.7
65 - 69	135	28.7	24.0-33.9	41	7.6	5.5-10.3
70 - 74	127	32.9	27.4-39.1	55	11.6	8.8-15.1
75 - 79	138	44.0	37.0-52.0	62	14.1	10.8-18.1
80 - 84	93	42.7	34.5-52.3	46	13.6	9.9-18.1
85 +	79	50.1	39.7-62.4	49	14.6	10.8-19.3
Total/Crude	922	5.6	5.3-6.0	327	2.0	1.8-2.2

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 3. Esophageal Cancer. Five-Year Case Counts, Average Annual Age-Adjusted (2000 US Population Standard) Incidence Rates per 100,000 Population, and 95% Confidence Intervals (CI), by County, Sex, and Race/Ethnicity, Greater Bay Area, 2001-2005

County	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
ALL RACES						
SF Bay Area:	824	6.7	6.3-7.2	295	1.9	1.7-2.1
Alameda	197	7.0	6.0-8.1	68	1.9	1.5-2.4
Contra Costa	161	7.6	6.5-9.0	44	1.7	1.2-2.2
Marin	43	6.4	4.6-8.8	24	2.9	1.8-4.6
San Francisco	119	6.3	5.2-7.6	39	1.5	1.1-2.2
San Mateo	108	6.8	5.6-8.2	42	2.0	1.5-2.8
Santa Clara	196	6.2	5.3-7.2	78	2.0	1.6-2.5
Monterey Bay Area:	98	7.2	5.8-8.8	32	2.0	1.3-2.8
Monterey	63	8.3	6.4-10.7	18	2.0	1.2-3.1
San Benito	<5	-	-	<5	-	-
Santa Cruz	31	6.1	4.1-8.8	13	-	-
WHITE (non-Hispanic)						
SF Bay Area:	580	7.7	7.1-8.4	207	2.2	1.9-2.5
Alameda	132	8.8	7.3-10.5	39	2.0	1.4-2.9
Contra Costa	134	8.7	7.3-10.4	34	1.8	1.2-2.6
Marin	39	6.5	4.6-9.3	23	3.1	1.9-5.2
San Francisco	59	6.8	5.2-9.3	22	2.0	1.2-3.9
San Mateo	77	7.2	5.7-9.2	34	2.5	1.7-3.8
Santa Clara	139	7.3	6.1-8.7	55	2.2	1.7-3.0
Monterey Bay Area:	75	7.7	6.0-9.8	26	2.3	1.5-3.5
Monterey	47	9.6	7.0-13.0	15	2.7	1.5-4.9
San Benito	<5	-	-	<5	-	-
Santa Cruz	26	6.1	3.9-9.2	10	-	-
BLACK (non-Hispanic)						
SF Bay Area:	63	7.9	6.0-10.3	32	3.0	2.1-4.3
Alameda	29	7.6	5.0-11.2	17	3.2	1.9-5.2
Contra Costa	6	-	-	5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	17	11.1	6.5-18.3	<5	-	-
San Mateo	6	-	-	<5	-	-
Santa Clara	<5	-	-	5	-	-
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

ESOPHAGEAL CANCER
Incidence

Table 3. Esophageal Cancer. Five-Year Case Counts, Average Annual Age-Adjusted (2000 US Population Standard) Incidence Rates per 100,000 Population, and 95% Confidence Intervals (CI), by County, Sex, and Race/Ethnicity, Greater Bay Area, 2001-2005

County	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
HISPANIC						
SF Bay Area:	78	5.8	4.5-7.5	14	-	-
Alameda	16	5.3	2.9-9.1	5	-	-
Contra Costa	9	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	12	-	-	<5	-	-
San Mateo	12	-	-	<5	-	-
Santa Clara	27	5.5	3.4-8.7	<5	-	-
Monterey Bay Area:	16	6.0	3.2-11.0	<5	-	-
Monterey	11	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	98	3.9	3.2-4.8	40	1.2	0.8-1.6
Alameda	18	3.1	1.8-5.1	5	-	-
Contra Costa	12	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	30	4.5	3.0-6.6	13	-	-
San Mateo	13	-	-	<5	-	-
Santa Clara	25	3.7	2.4-5.7	15	1.6	0.9-2.7
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

ESOPHAGEAL CANCER
Mortality

Table 4. Esophageal Cancer. Annual Death Counts, Age-Adjusted (2000 US Population Standard) Mortality Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
ALL RACES									
1988	236	4.8	4.2-5.5	179	8.6	7.4-10.1	57	2.0	1.5-2.6
1989	201	4.1	3.6-4.8	135	6.8	5.6-8.1	66	2.3	1.8-3.0
1990	237	4.8	4.2-5.5	160	7.7	6.6-9.1	77	2.7	2.1-3.4
1991	219	4.4	3.8-5.0	164	7.7	6.5-9.1	55	1.9	1.4-2.5
1992	198	3.9	3.4-4.5	147	6.9	5.8-8.1	51	1.7	1.3-2.3
1993	210	4.1	3.5-4.6	153	6.9	5.8-8.1	57	1.9	1.5-2.5
1994	228	4.4	3.8-5.0	166	7.6	6.4-8.9	62	2.0	1.6-2.6
1995	212	3.9	3.4-4.5	150	6.4	5.4-7.6	62	2.0	1.5-2.6
1996	226	4.1	3.6-4.7	156	6.6	5.6-7.8	70	2.2	1.7-2.8
1997	201	3.6	3.1-4.2	137	5.8	4.8-6.9	64	2.0	1.5-2.6
1998	205	3.6	3.2-4.2	141	5.8	4.9-6.9	64	2.0	1.5-2.5
1999	250	4.4	3.8-4.9	179	7.2	6.2-8.4	71	2.1	1.7-2.7
2000	214	3.6	3.2-4.2	153	5.9	5.0-6.9	61	1.8	1.4-2.4
2001	212	3.5	3.1-4.0	156	5.9	5.0-6.9	56	1.6	1.2-2.1
2002	229	3.8	3.3-4.3	165	6.2	5.3-7.3	64	1.9	1.4-2.4
2003	218	3.5	3.1-4.0	159	5.9	5.0-7.0	59	1.7	1.3-2.1
2004	224	3.6	3.1-4.1	162	6.0	5.1-7.1	62	1.7	1.3-2.2
2005	213	3.4	2.9-3.9	164	6.1	5.2-7.1	49	1.4	1.0-1.8
WHITE (non-Hispanic)									
1988	167	4.7	4.0-5.5	121	8.0	6.6-9.7	46	2.2	1.6-3.0
1989	148	4.2	3.5-4.9	100	6.9	5.6-8.5	48	2.3	1.7-3.2
1990	161	4.5	3.8-5.3	105	7.0	5.7-8.6	56	2.6	2.0-3.5
1991	159	4.5	3.8-5.2	115	7.7	6.3-9.3	44	2.1	1.5-2.9
1992	144	4.0	3.4-4.8	105	6.9	5.7-8.5	39	1.8	1.3-2.6
1993	150	4.2	3.5-4.9	113	7.4	6.1-9.0	37	1.7	1.2-2.4
1994	173	4.8	4.1-5.6	126	8.3	6.9-9.9	47	2.2	1.6-3.1
1995	154	4.2	3.6-4.9	106	6.7	5.5-8.2	48	2.2	1.6-3.1
1996	176	4.8	4.1-5.6	123	7.8	6.5-9.4	53	2.3	1.8-3.2
1997	156	4.2	3.6-4.9	108	6.8	5.6-8.3	48	2.1	1.6-2.9
1998	144	3.8	3.2-4.5	100	6.2	5.1-7.6	44	2.0	1.4-2.7
1999	186	4.9	4.3-5.7	131	8.0	6.7-9.5	55	2.4	1.8-3.2
2000	160	4.2	3.6-5.0	121	7.1	5.9-8.6	39	1.8	1.3-2.6
2001	154	4.1	3.4-4.8	111	6.6	5.5-8.0	43	1.9	1.4-2.7
2002	163	4.3	3.7-5.1	125	7.5	6.2-9.0	38	1.8	1.3-2.6
2003	160	4.2	3.6-4.9	115	7.0	5.7-8.4	45	2.0	1.5-2.8
2004	162	4.3	3.7-5.0	116	7.1	5.8-8.5	46	2.1	1.5-2.8
2005	157	4.1	3.5-4.8	121	7.3	6.0-8.8	36	1.6	1.1-2.3

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

ESOPHAGEAL CANCER
Mortality

Table 4. Esophageal Cancer. Annual Death Counts, Age-Adjusted (2000 US Population Standard) (cont) Mortality Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
BLACK (non-Hispanic)									
1988	35	9.8	6.8-14.2	27	18.0	11.7-28.5	8	-	-
1989	22	6.5	4.0-10.4	18	13.4	7.6-23.6	<5	-	-
1990	34	9.7	6.6-13.9	20	14.1	8.4-23.6	14	-	-
1991	37	10.6	7.4-14.9	27	17.3	11.3-26.8	10	-	-
1992	19	5.2	3.1-8.4	16	10.0	5.7-18.1	<5	-	-
1993	30	8.1	5.5-11.8	18	10.7	6.3-18.5	12	-	-
1994	28	7.6	5.0-11.2	19	12.1	7.1-20.4	9	-	-
1995	24	6.8	4.3-10.2	18	11.1	6.5-19.0	6	-	-
1996	21	5.5	3.4-8.6	14	-	-	7	-	-
1997	16	4.4	2.5-7.3	11	-	-	5	-	-
1998	21	5.6	3.5-8.7	13	-	-	8	-	-
1999	23	6.1	3.9-9.3	15	9.5	5.3-16.7	8	-	-
2000	19	5.1	3.1-8.0	9	-	-	10	-	-
2001	20	5.5	3.3-8.5	14	-	-	6	-	-
2002	17	4.3	2.5-7.0	9	-	-	8	-	-
2003	24	6.0	3.8-9.1	16	9.0	5.0-15.4	8	-	-
2004	16	4.4	2.5-7.2	10	-	-	6	-	-
2005	14	-	-	12	-	-	<5	-	-
HISPANIC									
1988	16	4.1	2.2-7.0	13	-	-	<5	-	-
1989	12	-	-	<5	-	-	9	-	-
1990	18	4.7	2.7-7.7	15	10.1	5.4-17.9	<5	-	-
1991	7	-	-	6	-	-	<5	-	-
1992	15	3.1	1.7-5.3	10	-	-	5	-	-
1993	17	3.9	2.2-6.4	14	-	-	<5	-	-
1994	12	-	-	8	-	-	<5	-	-
1995	12	-	-	10	-	-	<5	-	-
1996	13	-	-	6	-	-	7	-	-
1997	16	2.5	1.4-4.3	11	-	-	5	-	-
1998	15	2.9	1.6-5.0	10	-	-	5	-	-
1999	17	2.7	1.6-4.6	16	5.6	3.1-10.2	<5	-	-
2000	13	-	-	10	-	-	<5	-	-
2001	17	2.4	1.3-4.0	14	-	-	<5	-	-
2002	26	4.2	2.7-6.3	16	5.6	3.0-10.0	10	-	-
2003	7	-	-	6	-	-	<5	-	-
2004	22	3.2	2.0-4.9	15	5.1	2.7-9.1	7	-	-
2005	21	2.8	1.7-4.4	18	5.5	3.1-9.2	<5	-	-

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 4. Esophageal Cancer. Annual Death Counts, Age-Adjusted (2000 US Population Standard) Mortality Rates per 100,000 Population, and 95% Confidence Intervals (CI), by Sex and Race/Ethnicity, Greater Bay Area, 1988-2005

Year	TOTAL			MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI	Count	Rate	95% CI
ASIAN/PACIFIC ISLANDER (non-Hispanic)									
1988	18	3.8	2.1-6.5	18	8.5	4.7-15.2	<5	-	-
1989	19	3.8	2.2-6.4	14	-	-	5	-	-
1990	24	4.1	2.5-6.4	20	7.5	4.5-12.5	<5	-	-
1991	16	2.5	1.3-4.4	16	5.7	3.0-10.3	<5	-	-
1992	20	3.4	2.0-5.5	16	6.1	3.4-10.8	<5	-	-
1993	12	-	-	8	-	-	<5	-	-
1994	15	2.2	1.2-3.8	13	-	-	<5	-	-
1995	21	2.6	1.6-4.2	16	4.6	2.5-8.1	5	-	-
1996	16	1.9	1.1-3.3	13	-	-	<5	-	-
1997	13	-	-	7	-	-	6	-	-
1998	24	2.5	1.6-3.9	18	4.3	2.5-7.2	6	-	-
1999	23	2.5	1.6-3.8	16	4.1	2.3-7.1	7	-	-
2000	21	2.0	1.2-3.1	12	-	-	9	-	-
2001	21	1.7	1.1-2.8	17	3.2	1.8-5.5	<5	-	-
2002	21	1.8	1.1-2.7	14	-	-	7	-	-
2003	27	2.2	1.5-3.3	22	4.2	2.6-6.6	5	-	-
2004	23	1.8	1.1-2.8	20	3.6	2.2-5.8	<5	-	-
2005	20	1.5	0.9-2.4	12	-	-	8	-	-

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 5. Esophageal Cancer. Five-Year Death Counts, Average Annual Age-Specific Mortality Rates per 100,000 Population and 95% Confidence Intervals (CI) for All Races Combined, by Sex, 2001-2005, Greater Bay Area

Age at Diagnosis	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
00 - 04	<5	-	-	<5	-	-
05 - 09	<5	-	-	<5	-	-
10 - 14	<5	-	-	<5	-	-
15 - 19	<5	-	-	<5	-	-
20 - 24	<5	-	-	<5	-	-
25 - 29	<5	-	-	<5	-	-
30 - 34	<5	-	-	<5	-	-
35 - 39	9	-	-	<5	-	-
40 - 44	14	-	-	<5	-	-
45 - 49	41	3.2	2.3-4.3	<5	-	-
50 - 54	56	5.0	3.8-6.5	12	-	-
55 - 59	73	8.2	6.4-10.3	11	-	-
60 - 64	81	12.9	10.2-16.0	27	4.0	2.6-5.8
65 - 69	107	22.7	18.6-27.5	24	4.5	2.9-6.6
70 - 74	112	29.0	23.9-34.9	37	7.8	5.5-10.8
75 - 79	147	46.9	39.6-55.1	61	13.9	10.6-17.9
80 - 84	88	40.4	32.4-49.8	50	14.7	10.9-19.4
85 +	78	49.5	39.1-61.7	61	18.2	13.9-23.4
Total/Crude	806	4.9	4.6-5.3	290	1.8	1.6-2.0

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 6. Esophageal Cancer. Five-Year Death Counts, Average Annual Age-Adjusted (2000 US Population Standard) Mortality Rates per 100,000 Population, and 95% Confidence Intervals (CI), by County, Sex, and Race/Ethnicity, Greater Bay Area, 2001-2005

County	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
ALL RACES						
SF Bay Area:	739	6.1	5.7-6.6	260	1.6	1.4-1.8
Alameda	188	6.8	5.8-7.8	56	1.5	1.1-2.0
Contra Costa	144	7.0	5.9-8.3	36	1.3	0.9-1.8
Marin	33	5.2	3.5-7.4	23	2.7	1.7-4.3
San Francisco	105	5.7	4.6-6.9	37	1.4	1.0-2.1
San Mateo	95	6.1	4.9-7.5	41	1.9	1.4-2.7
Santa Clara	174	5.5	4.7-6.4	67	1.7	1.3-2.2
Monterey Bay Area:	67	5.0	3.9-6.4	30	1.8	1.2-2.6
Monterey	34	4.6	3.2-6.6	16	1.7	1.0-2.8
San Benito	5	-	-	<5	-	-
Santa Cruz	28	5.4	3.6-8.1	12	-	-
WHITE (non-Hispanic)						
SF Bay Area:	538	7.3	6.7-8.0	182	1.8	1.6-2.1
Alameda	127	8.5	7.1-10.2	26	1.3	0.8-2.0
Contra Costa	120	7.9	6.6-9.6	24	1.2	0.7-1.8
Marin	30	5.3	3.5-7.9	21	2.7	1.6-4.7
San Francisco	60	7.1	5.4-9.7	24	2.1	1.3-3.9
San Mateo	74	7.1	5.5-9.1	35	2.5	1.7-3.8
Santa Clara	127	6.7	5.6-8.1	52	2.1	1.6-2.8
Monterey Bay Area:	50	5.2	3.9-7.0	26	2.1	1.4-3.3
Monterey	24	5.1	3.2-7.8	15	2.3	1.3-4.3
San Benito	<5	-	-	<5	-	-
Santa Cruz	24	5.6	3.5-8.6	10	-	-
BLACK (non-Hispanic)						
SF Bay Area:	60	7.9	6.0-10.3	30	2.8	1.9-4.0
Alameda	28	7.4	4.9-11.0	19	3.6	2.1-5.6
Contra Costa	10	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	13	-	-	<5	-	-
San Mateo	<5	-	-	<5	-	-
Santa Clara	<5	-	-	<5	-	-
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

(Table Continues)

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.

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Table 6. Esophageal Cancer. Five-Year Death Counts, Average Annual Age-Adjusted (2000 US Population Standard) Mortality Rates per 100,000 Population, and 95% Confidence Intervals (CI), by County, Sex, and Race/Ethnicity, Greater Bay Area, 2001-2005

County	MALES*			FEMALES		
	Count	Rate	95% CI	Count	Rate	95% CI
HISPANIC						
SF Bay Area:	58	4.5	3.4-6.0	22	1.4	0.9-2.1
Alameda	15	5.0	2.7-8.8	7	-	-
Contra Costa	9	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	7	-	-	<5	-	-
San Mateo	6	-	-	<5	-	-
Santa Clara	21	4.2	2.5-7.0	5	-	-
Monterey Bay Area:	11	-	-	<5	-	-
Monterey	6	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	81	3.1	2.4-3.9	25	0.8	0.5-1.1
Alameda	16	2.5	1.4-4.2	<5	-	-
Contra Costa	5	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	25	3.7	2.4-5.7	8	-	-
San Mateo	11	-	-	<5	-	-
Santa Clara	22	3.1	1.9-4.9	7	-	-
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

*Veterans Health Administration hospitals did not report cancer cases in 2005. Therefore, case counts and incidence rates for adult males in 2005 are underestimated and should be interpreted with caution.