

MULTIPLE MYELOMA
Incidence

Table 1. Multiple Myeloma. 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	247	5.1	4.5-5.8	129	6.4	5.3-7.7	118	4.3	3.5-5.1
1989	266	5.6	4.9-6.3	133	6.6	5.5-7.9	133	4.8	4.0-5.7
1990	256	5.2	4.6-5.9	139	6.7	5.6-8.0	117	4.2	3.5-5.0
1991	291	5.7	5.1-6.5	163	7.7	6.5-9.1	128	4.4	3.7-5.2
1992	298	5.8	5.2-6.6	165	7.6	6.4-8.9	133	4.6	3.8-5.5
1993	263	5.0	4.5-5.7	146	6.4	5.4-7.6	117	3.9	3.3-4.7
1994	295	5.6	5.0-6.3	157	7.1	6.0-8.4	138	4.6	3.8-5.4
1995	280	5.2	4.6-5.8	164	7.1	6.0-8.4	116	3.8	3.1-4.6
1996	341	6.2	5.6-6.9	187	8.0	6.8-9.3	154	5.0	4.3-5.9
1997	340	6.1	5.5-6.8	185	7.9	6.7-9.1	155	4.9	4.1-5.7
1998	311	5.4	4.9-6.1	169	6.7	5.7-7.9	142	4.5	3.8-5.3
1999	298	5.1	4.6-5.8	149	5.8	4.9-6.9	149	4.5	3.8-5.3
2000	300	5.0	4.5-5.6	158	6.0	5.1-7.0	142	4.2	3.6-5.0
2001	322	5.3	4.7-5.9	172	6.4	5.4-7.4	150	4.5	3.8-5.2
2002	306	5.0	4.5-5.6	160	6.0	5.1-7.1	146	4.2	3.6-5.0
2003	347	5.5	5.0-6.1	187	6.7	5.8-7.8	160	4.6	3.9-5.3
2004	371	5.9	5.3-6.5	212	7.7	6.7-8.9	159	4.5	3.8-5.3
2005	364	5.6	5.1-6.2	193	6.7	5.8-7.7	171	4.7	4.0-5.5
WHITE (non-Hispanic)									
1988	177	5.1	4.3-5.9	95	6.6	5.3-8.1	82	4.0	3.2-5.0
1989	179	5.1	4.4-5.9	90	6.2	4.9-7.7	89	4.3	3.4-5.4
1990	170	4.8	4.1-5.6	89	6.0	4.8-7.5	81	4.0	3.2-5.0
1991	190	5.4	4.6-6.2	102	7.1	5.7-8.7	88	4.3	3.4-5.3
1992	203	5.6	4.9-6.5	112	7.4	6.0-9.0	91	4.4	3.6-5.5
1993	178	4.9	4.2-5.7	106	6.7	5.5-8.2	72	3.5	2.7-4.4
1994	188	5.2	4.5-6.1	104	7.0	5.7-8.5	84	4.0	3.2-5.1
1995	170	4.7	4.0-5.4	100	6.5	5.3-8.0	70	3.4	2.6-4.4
1996	217	5.9	5.1-6.8	128	8.0	6.7-9.6	89	4.3	3.4-5.4
1997	212	5.7	4.9-6.5	114	7.4	6.1-8.9	98	4.5	3.7-5.6
1998	191	5.1	4.4-6.0	110	6.8	5.5-8.2	81	3.9	3.1-4.9
1999	168	4.4	3.8-5.2	83	5.1	4.0-6.3	85	3.9	3.1-4.9
2000	175	4.6	3.9-5.4	91	5.4	4.3-6.7	84	3.9	3.1-4.9
2001	193	5.1	4.4-5.9	109	6.3	5.2-7.7	84	4.0	3.2-5.1
2002	173	4.5	3.9-5.3	92	5.6	4.5-6.9	81	3.7	2.9-4.7
2003	210	5.4	4.7-6.2	113	6.5	5.4-7.9	97	4.4	3.6-5.5
2004	213	5.5	4.8-6.3	125	7.4	6.1-8.9	88	4.0	3.2-5.1
2005	227	5.7	5.0-6.6	129	7.3	6.1-8.7	98	4.4	3.5-5.4

(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. Multiple Myeloma. 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	8.0	5.4-12.0	14	-	-	16	7.9	4.5-13.4
1989	37	12.5	8.7-17.7	21	17.3	10.2-28.7	16	9.3	5.3-15.6
1990	39	11.8	8.3-16.5	23	17.0	10.6-27.3	16	8.4	4.8-14.0
1991	55	15.3	11.4-20.3	30	19.8	12.9-30.3	25	12.2	7.9-18.4
1992	47	13.9	10.1-18.9	26	18.8	11.9-29.4	21	10.7	6.6-16.6
1993	35	10.8	7.5-15.3	14	-	-	21	11.4	7.1-17.6
1994	49	13.4	9.8-17.9	21	14.7	8.8-24.1	28	13.1	8.7-19.2
1995	46	12.7	9.3-17.2	24	15.6	9.8-24.7	22	10.7	6.7-16.3
1996	51	14.5	10.7-19.2	18	13.3	7.6-22.5	33	16.1	11.1-22.6
1997	50	13.6	10.1-18.1	25	15.4	9.7-24.1	25	12.1	7.8-17.9
1998	47	12.1	8.9-16.3	27	16.0	10.3-24.6	20	9.4	5.7-14.5
1999	46	12.1	8.8-16.2	23	13.0	8.1-20.6	23	10.6	6.7-16.0
2000	34	9.0	6.2-12.7	16	8.9	5.0-15.6	18	8.2	4.9-13.1
2001	46	11.7	8.5-15.7	23	14.2	8.8-22.2	23	10.3	6.5-15.6
2002	41	10.5	7.5-14.3	17	10.4	5.9-17.5	24	10.6	6.8-15.9
2003	41	10.3	7.4-14.1	19	11.4	6.7-18.7	22	9.9	6.2-15.2
2004	53	13.3	9.9-17.5	30	17.0	11.3-25.0	23	10.4	6.6-15.8
2005	50	12.5	9.2-16.6	22	12.6	7.7-19.8	28	12.2	8.1-17.8
HISPANIC									
1988	22	5.0	3.1-8.0	11	-	-	11	-	-
1989	20	4.5	2.7-7.3	8	-	-	12	-	-
1990	24	5.1	3.2-7.9	15	6.7	3.4-12.8	9	-	-
1991	16	3.1	1.7-5.5	13	-	-	<5	-	-
1992	26	5.5	3.5-8.3	13	-	-	13	-	-
1993	25	5.3	3.4-8.1	11	-	-	14	-	-
1994	24	5.0	3.1-7.7	11	-	-	13	-	-
1995	34	5.7	3.9-8.2	22	8.3	5.0-13.9	12	-	-
1996	26	4.9	3.1-7.4	14	-	-	12	-	-
1997	40	6.7	4.7-9.4	21	7.3	4.3-12.6	19	6.1	3.7-9.8
1998	43	7.8	5.6-10.8	20	9.1	5.3-15.0	23	7.1	4.4-10.8
1999	39	5.9	4.1-8.4	16	4.9	2.6-9.3	23	6.6	4.1-10.1
2000	45	7.4	5.3-10.1	27	11.4	7.1-17.8	18	5.0	2.9-8.1
2001	41	6.1	4.3-8.5	20	6.7	3.9-11.4	21	5.7	3.5-8.9
2002	43	6.3	4.5-8.7	22	7.4	4.4-12.0	21	5.6	3.4-8.6
2003	43	5.5	4.0-7.6	25	7.3	4.6-11.6	18	4.2	2.5-6.7
2004	53	7.1	5.3-9.4	26	8.4	5.4-12.8	27	6.2	4.1-9.2
2005	35	4.5	3.1-6.4	17	4.8	2.7-8.4	18	4.3	2.6-6.9

(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. Multiple Myeloma. 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	18	3.9	2.2-6.6	9	-	-	9	-	-
1989	29	5.6	3.6-8.4	14	-	-	15	5.2	2.8-9.3
1990	23	4.2	2.6-6.6	12	-	-	11	-	-
1991	28	4.2	2.8-6.4	17	5.7	3.3-10.0	11	-	-
1992	18	2.9	1.6-4.9	12	-	-	6	-	-
1993	24	3.4	2.1-5.4	15	4.7	2.5-8.5	9	-	-
1994	32	4.0	2.7-5.9	20	5.3	3.2-8.8	12	-	-
1995	26	3.3	2.1-5.0	15	4.3	2.3-7.8	11	-	-
1996	46	5.6	4.0-7.6	26	7.5	4.8-11.5	20	4.2	2.5-6.7
1997	35	4.2	2.9-6.0	24	6.4	4.0-9.9	11	-	-
1998	27	2.7	1.8-4.1	12	-	-	15	2.8	1.6-4.8
1999	42	3.9	2.8-5.4	25	5.1	3.3-7.9	17	3.0	1.8-5.0
2000	42	3.8	2.7-5.2	21	4.2	2.6-6.8	21	3.4	2.1-5.4
2001	33	3.0	2.1-4.3	14	-	-	19	3.2	1.9-5.1
2002	45	3.9	2.8-5.2	26	5.0	3.2-7.6	19	2.9	1.7-4.6
2003	49	4.0	2.9-5.3	26	4.9	3.2-7.4	23	3.3	2.1-5.0
2004	42	3.2	2.3-4.4	27	4.9	3.2-7.2	15	2.0	1.1-3.4
2005	50	3.7	2.8-5.0	24	4.3	2.7-6.5	26	3.4	2.2-5.0

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Table 2. Multiple Myeloma. 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	7	-	-	<5	-	-
35 - 39	10	-	-	12	-	-
40 - 44	15	1.1	0.6-1.7	14	-	-
45 - 49	37	2.9	2.0-4.0	26	2.1	1.4-3.0
50 - 54	83	7.4	5.9-9.2	60	5.2	4.0-6.7
55 - 59	100	11.2	9.1-13.7	66	7.1	5.5-9.0
60 - 64	128	20.4	17.0-24.2	85	12.6	10.0-15.5
65 - 69	104	22.1	18.0-26.8	69	12.8	10.0-16.2
70 - 74	140	36.2	30.5-42.8	105	22.2	18.1-26.8
75 - 79	124	39.6	32.9-47.2	128	29.2	24.3-34.7
80 - 84	103	47.3	38.6-57.3	123	36.3	30.1-43.3
85 +	72	45.7	35.7-57.5	97	28.9	23.4-35.3
Total/Crude	924	5.6	5.3-6.0	786	4.8	4.5-5.1

*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.

MULTIPLE MYELOMA
Incidence

Table 3. Multiple Myeloma. 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:	847	6.8	6.4-7.3	713	4.5	4.2-4.9
Alameda	197	7.0	6.0-8.1	170	4.6	3.9-5.3
Contra Costa	121	5.7	4.7-6.9	119	4.4	3.6-5.2
Marin	39	5.8	4.1-8.1	42	5.3	3.8-7.4
San Francisco	125	6.6	5.5-8.0	105	4.4	3.6-5.5
San Mateo	111	6.8	5.6-8.2	92	4.3	3.4-5.3
Santa Clara	254	7.9	6.9-9.0	185	4.6	3.9-5.3
Monterey Bay Area:	77	5.5	4.3-7.0	73	4.3	3.4-5.4
Monterey	38	4.9	3.5-6.8	45	4.8	3.5-6.4
San Benito	7	-	-	<5	-	-
Santa Cruz	32	6.1	4.1-8.7	24	3.8	2.4-5.7
WHITE (non-Hispanic)						
SF Bay Area:	514	6.8	6.2-7.4	397	4.1	3.7-4.6
Alameda	100	6.5	5.3-8.0	74	3.5	2.8-4.5
Contra Costa	80	5.2	4.1-6.5	80	4.0	3.2-5.1
Marin	37	6.0	4.2-8.7	39	5.4	3.8-7.9
San Francisco	53	6.1	4.6-8.6	34	3.5	2.4-5.6
San Mateo	77	7.2	5.6-9.1	59	4.1	3.1-5.6
Santa Clara	167	8.6	7.3-10.0	111	4.5	3.7-5.6
Monterey Bay Area:	54	5.4	4.0-7.2	51	4.1	3.0-5.6
Monterey	24	4.8	3.1-7.4	29	4.6	3.0-7.0
San Benito	<5	-	-	<5	-	-
Santa Cruz	27	6.0	3.9-9.0	22	4.1	2.6-6.7
BLACK (non-Hispanic)						
SF Bay Area:	110	13.5	11.0-16.4	117	10.7	8.9-12.9
Alameda	43	11.5	8.2-15.7	56	10.3	7.7-13.4
Contra Costa	15	9.7	5.2-17.5	21	10.3	6.3-16.1
Marin	<5	-	-	<5	-	-
San Francisco	29	19.9	13.3-29.0	21	10.6	6.5-16.9
San Mateo	8	-	-	8	-	-
Santa Clara	14	-	-	10	-	-
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

(Table Continues)

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Table 3. Multiple Myeloma. 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:	92	7.0	5.6-8.8	86	4.9	3.9-6.1
Alameda	19	5.5	3.1-9.3	17	4.5	2.6-7.3
Contra Costa	12	-	-	10	-	-
Marin	<5	-	-	<5	-	-
San Francisco	15	9.0	5.0-15.4	9	-	-
San Mateo	14	-	-	10	-	-
Santa Clara	31	7.2	4.7-10.8	38	6.5	4.6-9.1
Monterey Bay Area:	18	5.8	3.3-10.5	19	6.8	4.0-11.1
Monterey	9	-	-	13	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	114	4.5	3.7-5.4	102	3.1	2.5-3.7
Alameda	29	4.9	3.3-7.3	21	2.8	1.7-4.3
Contra Costa	9	-	-	8	-	-
Marin	<5	-	-	<5	-	-
San Francisco	27	3.9	2.5-5.8	37	3.9	2.7-5.6
San Mateo	10	-	-	14	-	-
Santa Clara	39	5.3	3.7-7.5	22	2.5	1.5-3.9
Monterey Bay Area:	<5	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

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MULTIPLE MYELOMA
Mortality

Table 4. Multiple Myeloma. 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	184	3.9	3.3-4.5	97	4.8	3.8-5.9	87	3.1	2.5-3.9
1989	172	3.6	3.1-4.2	88	4.5	3.6-5.6	84	3.1	2.5-3.8
1990	202	4.2	3.7-4.9	104	5.3	4.3-6.5	98	3.5	2.8-4.3
1991	196	4.0	3.4-4.6	91	4.4	3.5-5.5	105	3.6	3.0-4.4
1992	200	4.0	3.5-4.6	97	4.7	3.8-5.8	103	3.5	2.9-4.3
1993	177	3.5	3.0-4.0	91	4.4	3.5-5.4	86	2.9	2.3-3.6
1994	172	3.3	2.8-3.9	87	4.1	3.3-5.1	85	2.8	2.2-3.5
1995	202	3.8	3.3-4.4	111	5.3	4.3-6.4	91	3.0	2.4-3.7
1996	185	3.4	3.0-4.0	92	4.0	3.2-5.0	93	3.0	2.4-3.7
1997	195	3.5	3.1-4.1	99	4.3	3.5-5.2	96	3.0	2.4-3.7
1998	183	3.3	2.8-3.8	102	4.4	3.6-5.4	81	2.5	2.0-3.1
1999	209	3.7	3.2-4.2	106	4.5	3.7-5.5	103	3.1	2.5-3.8
2000	203	3.5	3.0-4.0	98	4.0	3.2-4.9	105	3.2	2.6-3.8
2001	220	3.7	3.2-4.2	111	4.4	3.6-5.4	109	3.2	2.6-3.9
2002	201	3.4	2.9-3.9	96	3.7	3.0-4.6	105	3.1	2.5-3.7
2003	203	3.3	2.9-3.8	111	4.2	3.5-5.1	92	2.6	2.1-3.2
2004	207	3.3	2.9-3.8	112	4.2	3.4-5.0	95	2.6	2.1-3.2
2005	204	3.2	2.8-3.7	110	4.2	3.4-5.1	94	2.6	2.1-3.2
WHITE (non-Hispanic)									
1988	128	3.6	3.0-4.3	70	4.8	3.7-6.1	58	2.8	2.1-3.7
1989	116	3.3	2.8-4.0	59	4.2	3.1-5.5	57	2.8	2.1-3.7
1990	136	3.9	3.3-4.6	71	5.0	3.9-6.5	65	3.1	2.4-4.0
1991	140	3.9	3.3-4.6	64	4.4	3.4-5.7	76	3.5	2.8-4.5
1992	152	4.2	3.6-5.0	77	5.4	4.2-6.8	75	3.5	2.8-4.5
1993	116	3.2	2.7-3.9	60	4.0	3.0-5.2	56	2.7	2.0-3.6
1994	117	3.2	2.7-3.9	55	3.7	2.7-4.8	62	3.0	2.3-3.9
1995	145	3.9	3.3-4.7	80	5.5	4.3-6.9	65	3.1	2.4-4.0
1996	121	3.3	2.7-3.9	65	4.2	3.2-5.4	56	2.6	1.9-3.4
1997	118	3.1	2.6-3.8	61	4.0	3.0-5.2	57	2.5	1.9-3.4
1998	115	3.1	2.5-3.7	71	4.6	3.5-5.8	44	2.0	1.5-2.8
1999	134	3.5	2.9-4.2	74	4.7	3.6-5.9	60	2.6	2.0-3.5
2000	126	3.3	2.7-3.9	60	3.8	2.9-4.9	66	3.0	2.3-3.9
2001	148	3.9	3.3-4.6	72	4.5	3.5-5.7	76	3.5	2.7-4.5
2002	127	3.3	2.8-4.0	62	3.8	2.9-4.9	65	3.0	2.3-3.9
2003	124	3.3	2.7-3.9	70	4.3	3.3-5.5	54	2.4	1.8-3.2
2004	122	3.1	2.6-3.7	72	4.3	3.3-5.5	50	2.2	1.6-3.0
2005	133	3.4	2.8-4.0	73	4.5	3.5-5.7	60	2.6	2.0-3.5

(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.

MULTIPLE MYELOMA
Mortality

Table 4. Multiple Myeloma. 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	31	9.4	6.3-13.8	14	-	-	17	9.1	5.2-15.1
1989	28	9.3	6.1-13.9	13	-	-	15	8.9	4.9-15.1
1990	27	8.4	5.5-12.6	12	-	-	15	8.2	4.6-13.9
1991	26	8.1	5.2-12.2	13	-	-	13	-	-
1992	25	7.6	4.8-11.5	9	-	-	16	8.3	4.7-13.7
1993	22	7.0	4.4-10.9	10	-	-	12	-	-
1994	30	9.4	6.3-13.6	17	14.3	8.1-24.4	13	-	-
1995	30	8.5	5.7-12.3	12	-	-	18	8.9	5.3-14.2
1996	28	8.1	5.3-11.8	12	-	-	16	7.9	4.5-12.8
1997	35	9.5	6.6-13.4	13	-	-	22	10.5	6.6-15.9
1998	31	8.5	5.7-12.1	12	-	-	19	8.9	5.4-14.0
1999	31	8.5	5.7-12.2	12	-	-	19	8.8	5.3-13.8
2000	38	9.7	6.9-13.5	21	11.9	7.3-19.3	17	7.8	4.5-12.5
2001	26	6.9	4.5-10.2	15	10.1	5.6-17.5	11	-	-
2002	27	7.2	4.7-10.6	11	-	-	16	7.4	4.2-12.1
2003	24	6.4	4.1-9.6	11	-	-	13	-	-
2004	32	8.7	5.9-12.4	15	10.0	5.5-17.1	17	7.7	4.5-12.5
2005	29	8.0	5.3-11.5	14	-	-	15	7.1	3.9-11.8
HISPANIC									
1988	13	-	-	9	-	-	<5	-	-
1989	16	3.6	2.0-6.3	8	-	-	8	-	-
1990	23	5.5	3.4-8.6	11	-	-	12	-	-
1991	13	-	-	9	-	-	<5	-	-
1992	11	-	-	7	-	-	<5	-	-
1993	17	3.7	2.1-6.1	11	-	-	6	-	-
1994	13	-	-	6	-	-	7	-	-
1995	10	-	-	7	-	-	<5	-	-
1996	18	3.7	2.2-6.1	7	-	-	11	-	-
1997	26	5.0	3.2-7.6	16	6.7	3.6-12.3	10	-	-
1998	19	3.7	2.2-6.0	8	-	-	11	-	-
1999	23	4.3	2.7-6.7	8	-	-	15	4.8	2.6-8.0
2000	24	4.2	2.7-6.5	11	-	-	13	-	-
2001	25	4.1	2.6-6.3	12	-	-	13	-	-
2002	30	4.8	3.2-7.0	16	5.8	3.1-10.3	14	-	-
2003	27	3.7	2.4-5.6	13	-	-	14	-	-
2004	26	3.9	2.5-5.8	13	-	-	13	-	-
2005	25	3.4	2.2-5.1	14	-	-	11	-	-

(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.

MULTIPLE MYELOMA
Mortality

Table 4. Multiple Myeloma. 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	12	-	-	<5	-	-	8	-	-
1989	11	-	-	7	-	-	<5	-	-
1990	16	3.1	1.7-5.4	10	-	-	6	-	-
1991	16	2.8	1.5-4.8	5	-	-	11	-	-
1992	11	-	-	<5	-	-	7	-	-
1993	21	3.2	1.9-5.2	9	-	-	12	-	-
1994	12	-	-	9	-	-	<5	-	-
1995	17	2.2	1.3-3.8	12	-	-	5	-	-
1996	17	2.1	1.2-3.5	8	-	-	9	-	-
1997	16	1.9	1.1-3.3	9	-	-	7	-	-
1998	17	1.8	1.0-3.0	11	-	-	6	-	-
1999	21	2.3	1.4-3.6	12	-	-	9	-	-
2000	14	-	-	5	-	-	9	-	-
2001	20	1.8	1.1-2.8	12	-	-	8	-	-
2002	17	1.6	0.9-2.6	7	-	-	10	-	-
2003	26	2.2	1.4-3.2	15	2.8	1.6-4.9	11	-	-
2004	26	2.1	1.4-3.1	12	-	-	14	-	-
2005	17	1.3	0.7-2.1	9	-	-	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.

Table 5. Multiple Myeloma. 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	<5	-	-	<5	-	-
40 - 44	<5	-	-	<5	-	-
45 - 49	16	1.3	0.7-2.0	8	-	-
50 - 54	29	2.6	1.7-3.7	19	1.7	1.0-2.6
55 - 59	42	4.7	3.4-6.4	29	3.1	2.1-4.5
60 - 64	57	9.1	6.9-11.7	39	5.8	4.1-7.9
65 - 69	67	14.2	11.0-18.1	49	9.1	6.7-12.1
70 - 74	85	22.0	17.6-27.2	70	14.8	11.5-18.7
75 - 79	83	26.5	21.1-32.8	89	20.3	16.3-25.0
80 - 84	85	39.0	31.2-48.3	96	28.3	22.9-34.6
85 +	70	44.4	34.6-56.1	92	27.4	22.1-33.6
Total/Crude	540	3.3	3.0-3.6	495	3.0	2.8-3.3

*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.

MULTIPLE MYELOMA
Mortality

Table 6. Multiple Myeloma. 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:	493	4.2	3.8-4.6	438	2.7	2.5-3.0
Alameda	113	4.3	3.5-5.2	105	2.8	2.3-3.4
Contra Costa	104	5.2	4.2-6.3	88	3.3	2.6-4.1
Marin	27	4.5	3.0-6.7	24	2.9	1.9-4.6
San Francisco	67	3.7	2.8-4.7	71	2.9	2.2-3.7
San Mateo	65	4.2	3.2-5.4	58	2.6	2.0-3.4
Santa Clara	117	3.7	3.1-4.5	92	2.3	1.8-2.8
Monterey Bay Area:	47	3.6	2.7-4.9	57	3.4	2.6-4.4
Monterey	26	3.5	2.3-5.2	38	4.0	2.8-5.5
San Benito	<5	-	-	6	-	-
Santa Cruz	20	4.2	2.5-6.6	13	-	-
WHITE (non-Hispanic)						
SF Bay Area:	309	4.3	3.8-4.8	269	2.7	2.4-3.1
Alameda	69	4.8	3.7-6.1	48	2.3	1.7-3.2
Contra Costa	70	4.7	3.7-6.0	61	3.2	2.4-4.1
Marin	26	4.7	3.1-7.4	23	3.1	1.9-5.2
San Francisco	26	3.1	2.0-5.2	33	3.2	2.2-5.3
San Mateo	42	4.0	2.9-5.6	41	2.6	1.8-3.9
Santa Clara	76	4.0	3.1-5.0	63	2.4	1.9-3.2
Monterey Bay Area:	40	4.2	3.0-5.8	36	2.8	2.0-4.1
Monterey	20	4.0	2.4-6.5	24	3.6	2.3-5.7
San Benito	<5	-	-	<5	-	-
Santa Cruz	19	4.7	2.8-7.6	11	-	-
BLACK (non-Hispanic)						
SF Bay Area:	63	8.5	6.5-11.1	70	6.6	5.1-8.3
Alameda	23	6.6	4.1-10.1	35	6.3	4.4-8.9
Contra Costa	10	-	-	10	-	-
Marin	<5	-	-	<5	-	-
San Francisco	14	-	-	17	9.0	5.2-15.2
San Mateo	8	-	-	5	-	-
Santa Clara	8	-	-	<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.

MULTIPLE MYELOMA
Mortality

Table 6. Multiple Myeloma. 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:	65	5.3	4.0-7.0	48	3.0	2.2-4.0
Alameda	10	-	-	9	-	-
Contra Costa	17	8.5	4.8-14.8	11	-	-
Marin	<5	-	-	<5	-	-
San Francisco	8	-	-	<5	-	-
San Mateo	7	-	-	6	-	-
Santa Clara	22	5.4	3.2-8.8	20	3.9	2.3-6.1
Monterey Bay Area:	<5	-	-	17	7.1	4.0-11.6
Monterey	<5	-	-	10	-	-
San Benito	<5	-	-	5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	54	2.1	1.6-2.8	49	1.5	1.1-2.0
Alameda	11	-	-	13	-	-
Contra Costa	7	-	-	6	-	-
Marin	<5	-	-	<5	-	-
San Francisco	19	2.8	1.7-4.5	19	2.0	1.2-3.4
San Mateo	7	-	-	5	-	-
Santa Clara	10	-	-	6	-	-
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.