

BRAIN AND NERVOUS SYSTEM CANCER  
Incidence

Table 1. Brain and Nervous System 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	334	6.3	5.6-7.0	189	7.6	6.5-8.9	145	5.1	4.3-6.1
1989	343	6.5	5.8-7.2	192	7.9	6.8-9.2	151	5.3	4.5-6.2
1990	392	7.2	6.5-8.0	201	7.9	6.8-9.1	191	6.7	5.8-7.7
1991	389	7.0	6.3-7.8	232	8.9	7.8-10.3	157	5.3	4.5-6.2
1992	379	6.8	6.2-7.6	210	8.2	7.1-9.4	169	5.7	4.9-6.7
1993	390	6.9	6.2-7.7	217	8.3	7.2-9.5	173	5.7	4.9-6.6
1994	371	6.5	5.8-7.2	216	8.1	7.0-9.3	155	5.1	4.3-6.0
1995	373	6.5	5.9-7.2	208	7.8	6.7-9.0	165	5.5	4.7-6.4
1996	363	6.2	5.6-6.9	228	8.3	7.3-9.5	135	4.4	3.7-5.2
1997	414	7.0	6.3-7.7	228	8.1	7.1-9.3	186	5.9	5.1-6.9
1998	363	6.0	5.4-6.7	195	6.9	6.0-8.0	168	5.3	4.5-6.2
1999	429	6.9	6.3-7.6	240	8.2	7.2-9.4	189	5.8	5.0-6.7
2000	385	6.1	5.5-6.8	234	8.0	7.0-9.2	151	4.5	3.8-5.3
2001	382	6.0	5.4-6.6	226	7.6	6.6-8.7	156	4.6	3.9-5.4
2002	375	5.8	5.2-6.4	197	6.4	5.5-7.4	178	5.3	4.5-6.1
2003	426	6.6	6.0-7.3	241	8.0	7.0-9.1	185	5.5	4.8-6.4
2004	395	6.1	5.5-6.7	221	7.1	6.2-8.2	174	5.1	4.4-5.9
2005	375	5.7	5.1-6.3	224	7.2	6.3-8.2	151	4.3	3.7-5.1
WHITE (non-Hispanic)									
1988	257	7.3	6.5-8.3	145	8.8	7.4-10.5	112	6.1	5.0-7.4
1989	271	7.7	6.8-8.7	157	9.7	8.2-11.4	114	6.1	5.0-7.4
1990	272	7.8	6.8-8.8	137	8.2	6.9-9.8	135	7.3	6.1-8.7
1991	297	8.5	7.5-9.5	177	10.7	9.1-12.5	120	6.4	5.3-7.8
1992	277	8.0	7.0-9.0	151	9.4	7.9-11.1	126	6.8	5.6-8.2
1993	275	7.7	6.8-8.7	147	8.9	7.5-10.6	128	6.6	5.5-7.9
1994	258	7.4	6.5-8.3	151	9.0	7.6-10.6	107	5.8	4.7-7.1
1995	262	7.5	6.6-8.5	147	8.9	7.5-10.5	115	6.3	5.1-7.6
1996	268	7.7	6.8-8.8	168	10.3	8.8-12.0	100	5.5	4.4-6.7
1997	316	9.0	8.1-10.1	179	10.7	9.2-12.5	137	7.5	6.2-8.9
1998	261	7.5	6.6-8.4	145	8.8	7.4-10.4	116	6.3	5.2-7.7
1999	296	8.4	7.4-9.4	170	10.0	8.5-11.6	126	6.9	5.7-8.3
2000	264	7.3	6.4-8.3	158	9.3	7.9-10.9	106	5.5	4.5-6.8
2001	248	7.1	6.2-8.1	152	9.1	7.7-10.7	96	5.3	4.3-6.5
2002	252	7.2	6.3-8.2	147	8.8	7.4-10.4	105	5.9	4.8-7.2
2003	263	7.6	6.7-8.6	159	9.3	7.9-11.0	104	6.1	4.9-7.5
2004	257	7.3	6.4-8.3	142	8.5	7.1-10.1	115	6.1	5.0-7.5
2005	248	7.1	6.2-8.1	145	8.6	7.2-10.2	103	5.7	4.6-7.0

(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. Brain and Nervous System 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	16	3.9	2.2-7.1	10	-	-	6	-	-
1989	17	3.6	2.0-6.5	8	-	-	9	-	-
1990	34	6.9	4.7-10.2	18	7.1	4.1-14.0	16	6.4	3.6-11.1
1991	18	3.8	2.2-6.6	10	-	-	8	-	-
1992	19	4.3	2.6-7.2	13	-	-	6	-	-
1993	22	5.9	3.7-9.2	13	-	-	9	-	-
1994	18	4.2	2.5-7.1	8	-	-	10	-	-
1995	16	4.4	2.5-7.3	10	-	-	6	-	-
1996	18	4.7	2.8-7.7	12	-	-	6	-	-
1997	23	5.3	3.3-8.2	13	-	-	10	-	-
1998	19	4.5	2.7-7.3	10	-	-	9	-	-
1999	18	4.2	2.5-6.9	14	-	-	<5	-	-
2000	16	3.6	2.0-6.0	13	-	-	<5	-	-
2001	20	4.8	2.9-7.6	12	-	-	8	-	-
2002	14	-	-	5	-	-	9	-	-
2003	23	5.3	3.3-8.0	10	-	-	13	-	-
2004	17	4.1	2.4-6.7	9	-	-	8	-	-
2005	16	3.9	2.2-6.4	10	-	-	6	-	-
HISPANIC									
1988	37	5.2	3.5-7.8	21	6.4	3.6-12.2	16	4.1	2.2-7.6
1989	34	5.5	3.6-8.3	19	6.6	3.6-12.4	15	4.5	2.3-8.2
1990	53	7.8	5.6-10.8	30	9.9	6.1-16.2	23	6.3	3.8-10.0
1991	47	6.5	4.6-9.2	29	9.7	6.0-15.8	18	4.1	2.3-7.2
1992	41	5.6	3.8-8.2	21	5.9	3.2-11.0	20	5.1	2.9-8.7
1993	51	6.4	4.5-9.0	35	9.8	6.2-15.8	16	3.7	1.9-6.7
1994	44	6.3	4.4-9.0	23	8.7	4.9-14.9	21	5.1	3.0-8.4
1995	45	6.0	4.2-8.5	24	6.7	3.9-11.7	21	5.4	3.2-8.8
1996	41	4.6	3.1-6.8	23	5.0	2.9-9.3	18	4.1	2.3-7.1
1997	39	4.2	2.8-6.3	19	4.1	2.0-8.4	20	4.2	2.4-7.2
1998	47	6.2	4.4-8.7	22	6.0	3.4-10.8	25	6.3	3.9-9.8
1999	64	6.4	4.7-8.6	27	6.0	3.6-10.4	37	7.0	4.8-10.2
2000	61	6.1	4.4-8.3	36	7.6	4.8-12.2	25	4.8	2.9-7.6
2001	56	5.6	4.1-7.6	29	5.8	3.5-9.9	27	5.3	3.4-8.2
2002	53	5.4	3.9-7.5	21	4.9	2.8-8.8	32	6.1	4.0-9.0
2003	75	7.4	5.7-9.7	40	8.9	6.0-13.4	35	6.5	4.4-9.3
2004	63	5.6	4.2-7.5	41	8.0	5.3-11.9	22	3.7	2.2-5.9
2005	59	5.1	3.8-6.9	39	7.1	4.7-10.7	20	3.4	2.0-5.5

(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 1. Brain and Nervous System 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	23	3.7	2.3-6.2	13	-	-	10	-	-
1989	19	2.8	1.6-5.0	6	-	-	13	-	-
1990	33	4.6	3.1-6.9	16	4.6	2.5-8.6	17	4.7	2.6-8.2
1991	26	3.1	2.0-4.9	15	4.0	2.2-7.7	11	-	-
1992	41	4.8	3.4-6.9	25	5.8	3.7-9.5	16	4.0	2.2-7.0
1993	37	4.4	3.0-6.3	18	4.2	2.5-7.5	19	4.4	2.6-7.3
1994	42	5.0	3.5-7.0	26	6.4	4.0-10.2	16	3.6	2.0-6.4
1995	46	4.6	3.3-6.4	25	5.6	3.4-9.0	21	3.9	2.4-6.3
1996	34	3.3	2.2-4.7	23	4.4	2.8-7.2	11	-	-
1997	34	3.0	2.1-4.4	17	3.3	1.9-5.8	17	2.8	1.6-4.8
1998	35	3.3	2.2-4.7	18	3.5	2.0-6.0	17	3.0	1.7-5.0
1999	49	4.1	3.0-5.5	28	5.1	3.3-7.8	21	3.2	2.0-5.1
2000	41	3.1	2.2-4.4	25	4.4	2.8-6.9	16	2.2	1.2-3.7
2001	53	4.0	3.0-5.4	31	5.1	3.4-7.5	22	3.1	1.9-4.9
2002	53	3.8	2.8-5.0	22	3.0	1.9-4.9	31	4.3	2.9-6.2
2003	63	4.5	3.4-5.8	31	4.8	3.2-7.1	32	4.3	2.9-6.1
2004	56	4.0	3.0-5.2	28	4.2	2.8-6.3	28	3.8	2.5-5.6
2005	46	3.2	2.3-4.3	25	3.7	2.4-5.7	21	2.7	1.7-4.2

\*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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 2. Brain and Nervous System 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	46	4.0	2.9-5.3	36	3.3	2.3-4.6
05 - 09	33	3.1	2.1-4.3	36	3.5	2.5-4.8
10 - 14	22	2.0	1.3-3.0	23	2.2	1.4-3.3
15 - 19	19	1.8	1.1-2.8	10	-	-
20 - 24	29	2.7	1.8-3.9	13	-	-
25 - 29	30	2.5	1.7-3.5	34	3.1	2.1-4.3
30 - 34	53	3.7	2.8-4.8	44	3.3	2.4-4.5
35 - 39	58	4.0	3.1-5.2	38	2.9	2.0-3.9
40 - 44	69	4.9	3.8-6.2	49	3.6	2.7-4.8
45 - 49	90	7.0	5.7-8.6	59	4.7	3.6-6.0
50 - 54	97	8.6	7.0-10.5	60	5.2	4.0-6.7
55 - 59	108	12.1	10.0-14.7	80	8.5	6.8-10.6
60 - 64	107	17.0	13.9-20.6	69	10.2	7.9-12.9
65 - 69	85	18.1	14.4-22.3	66	12.3	9.5-15.6
70 - 74	99	25.6	20.8-31.2	72	15.2	11.9-19.2
75 - 79	86	27.4	21.9-33.9	63	14.4	11.0-18.4
80 - 84	47	21.6	15.9-28.7	45	13.3	9.7-17.7
85 +	31	19.7	13.4-27.9	47	14.0	10.3-18.6
Total/Crude	1,109	6.7	6.4-7.2	844	5.2	4.8-5.5

\*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.

BRAIN AND NERVOUS SYSTEM CANCER  
Incidence

Table 3. Brain and Nervous System 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:	1,005	7.3	6.9-7.8	751	4.9	4.6-5.3
Alameda	227	7.0	6.1-8.0	180	4.9	4.2-5.6
Contra Costa	187	8.0	6.9-9.3	123	4.7	3.9-5.6
Marin	44	6.7	4.8-9.1	45	6.6	4.7-9.1
San Francisco	134	6.9	5.8-8.3	106	4.8	3.9-5.9
San Mateo	118	6.9	5.7-8.3	100	5.2	4.2-6.4
Santa Clara	295	7.7	6.8-8.6	197	4.8	4.1-5.5
Monterey Bay Area:	104	6.6	5.4-8.1	93	5.5	4.4-6.7
Monterey	52	6.0	4.5-8.0	49	5.0	3.7-6.7
San Benito	9	-	-	6	-	-
Santa Cruz	43	7.3	5.2-10.0	38	6.3	4.4-8.7
WHITE (non-Hispanic)						
SF Bay Area:	668	8.9	8.3-9.7	459	5.8	5.2-6.4
Alameda	146	9.4	7.9-11.1	95	5.6	4.5-6.9
Contra Costa	138	9.3	7.8-11.1	88	5.5	4.3-6.8
Marin	40	7.1	5.0-10.1	38	6.8	4.6-9.9
San Francisco	79	8.9	6.9-11.8	57	5.8	4.4-8.2
San Mateo	84	8.4	6.7-10.6	66	6.3	4.8-8.4
Santa Clara	181	9.2	7.9-10.8	115	5.7	4.7-6.9
Monterey Bay Area:	77	8.2	6.4-10.3	64	6.1	4.7-8.1
Monterey	35	7.7	5.3-11.0	28	5.2	3.3-7.9
San Benito	6	-	-	6	-	-
Santa Cruz	36	8.3	5.7-11.8	30	6.5	4.3-9.8
BLACK (non-Hispanic)						
SF Bay Area:	42	4.7	3.4-6.5	43	3.8	2.7-5.1
Alameda	18	4.4	2.6-7.2	26	4.6	3.0-6.9
Contra Costa	10	-	-	6	-	-
Marin	<5	-	-	<5	-	-
San Francisco	10	-	-	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)

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Table 3. Brain and Nervous System 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:	150	7.5	6.2-9.1	113	5.0	4.1-6.2
Alameda	30	6.2	3.9-9.9	21	3.8	2.3-6.3
Contra Costa	26	8.6	5.0-14.7	17	5.1	2.8-8.7
Marin	<5	-	-	6	-	-
San Francisco	10	-	-	13	-	-
San Mateo	20	9.3	5.1-16.3	18	5.4	3.1-9.0
Santa Clara	61	8.0	5.9-11.2	38	5.0	3.4-7.1
Monterey Bay Area:	20	4.9	2.4-9.8	23	4.6	2.6-7.8
Monterey	13	-	-	16	4.6	2.3-9.1
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	7	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	134	4.2	3.5-5.0	130	3.6	3.0-4.3
Alameda	30	3.9	2.6-5.9	36	4.1	2.9-5.8
Contra Costa	10	-	-	11	-	-
Marin	<5	-	-	<5	-	-
San Francisco	35	5.6	3.9-8.0	30	3.7	2.5-5.5
San Mateo	12	-	-	13	-	-
Santa Clara	46	4.3	3.1-6.0	40	3.4	2.4-4.8
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.

BRAIN AND NERVOUS SYSTEM CANCER  
Mortality

Table 4. Brain and Nervous System 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	223	4.2	3.7-4.8	129	5.3	4.4-6.3	94	3.4	2.7-4.2
1989	221	4.3	3.7-4.9	123	5.4	4.4-6.5	98	3.5	2.8-4.3
1990	227	4.3	3.8-4.9	119	5.1	4.2-6.2	108	3.7	3.0-4.4
1991	255	4.9	4.3-5.5	139	5.7	4.8-6.9	116	4.0	3.3-4.9
1992	241	4.5	4.0-5.1	136	5.6	4.7-6.7	105	3.6	2.9-4.3
1993	238	4.3	3.8-4.9	146	5.7	4.8-6.8	92	3.1	2.5-3.9
1994	230	4.1	3.6-4.7	133	5.2	4.3-6.2	97	3.2	2.6-3.9
1995	263	4.8	4.2-5.4	151	6.0	5.1-7.1	112	3.7	3.0-4.5
1996	221	3.9	3.4-4.5	117	4.6	3.8-5.6	104	3.4	2.8-4.1
1997	257	4.5	3.9-5.1	156	5.9	5.0-6.9	101	3.3	2.7-4.0
1998	250	4.2	3.7-4.8	148	5.6	4.7-6.6	102	3.2	2.6-3.9
1999	266	4.4	3.9-5.0	147	5.3	4.5-6.3	119	3.7	3.0-4.4
2000	271	4.4	3.9-5.0	157	5.7	4.8-6.7	114	3.4	2.8-4.1
2001	245	4.0	3.5-4.5	157	5.6	4.7-6.6	88	2.6	2.1-3.2
2002	249	3.9	3.5-4.5	138	4.7	4.0-5.6	111	3.3	2.7-4.0
2003	233	3.7	3.2-4.2	126	4.3	3.6-5.2	107	3.2	2.6-3.8
2004	239	3.7	3.3-4.2	123	4.2	3.5-5.0	116	3.3	2.8-4.0
2005	265	4.0	3.6-4.6	158	5.4	4.5-6.3	107	3.0	2.4-3.6
WHITE (non-Hispanic)									
1988	176	4.9	4.2-5.7	97	5.7	4.6-7.1	79	4.2	3.3-5.2
1989	186	5.3	4.5-6.1	102	6.5	5.2-8.0	84	4.5	3.5-5.6
1990	172	4.8	4.1-5.6	87	5.4	4.3-6.8	85	4.2	3.3-5.2
1991	206	5.9	5.1-6.8	108	6.7	5.5-8.2	98	5.0	4.0-6.2
1992	200	5.6	4.9-6.5	116	7.2	5.9-8.7	84	4.2	3.3-5.2
1993	174	5.0	4.3-5.8	108	6.7	5.5-8.2	66	3.5	2.7-4.5
1994	178	4.9	4.2-5.7	98	5.8	4.7-7.2	80	4.0	3.2-5.1
1995	202	5.6	4.9-6.5	116	7.1	5.9-8.6	86	4.3	3.4-5.4
1996	160	4.4	3.8-5.2	83	5.1	4.0-6.4	77	4.0	3.1-5.0
1997	200	5.5	4.8-6.4	120	7.1	5.9-8.6	80	4.2	3.3-5.3
1998	202	5.5	4.8-6.4	118	7.0	5.8-8.4	84	4.3	3.4-5.4
1999	205	5.5	4.8-6.4	111	6.4	5.3-7.8	94	4.8	3.8-5.9
2000	203	5.4	4.7-6.2	117	6.9	5.7-8.4	86	4.1	3.3-5.2
2001	180	4.8	4.1-5.6	113	6.5	5.3-7.8	67	3.4	2.6-4.4
2002	176	4.9	4.2-5.7	99	5.8	4.7-7.1	77	4.1	3.2-5.3
2003	158	4.3	3.7-5.1	95	5.6	4.5-7.0	63	3.2	2.5-4.2
2004	163	4.3	3.7-5.1	83	4.9	3.9-6.2	80	3.8	3.0-4.9
2005	196	5.2	4.5-6.1	115	6.6	5.4-8.0	81	4.2	3.3-5.3

(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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 4. Brain and Nervous System 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
BLACK (non-Hispanic)									
1988	10	-	-	6	-	-	<5	-	-
1989	8	-	-	<5	-	-	5	-	-
1990	15	3.4	1.8-6.1	7	-	-	8	-	-
1991	14	-	-	8	-	-	6	-	-
1992	8	-	-	5	-	-	<5	-	-
1993	17	4.1	2.4-7.0	10	-	-	7	-	-
1994	12	-	-	9	-	-	<5	-	-
1995	14	-	-	7	-	-	7	-	-
1996	11	-	-	8	-	-	<5	-	-
1997	12	-	-	9	-	-	<5	-	-
1998	11	-	-	7	-	-	<5	-	-
1999	13	-	-	7	-	-	6	-	-
2000	7	-	-	6	-	-	<5	-	-
2001	16	4.2	2.4-6.9	13	-	-	<5	-	-
2002	9	-	-	5	-	-	<5	-	-
2003	14	-	-	<5	-	-	11	-	-
2004	15	3.4	1.9-5.8	7	-	-	8	-	-
2005	11	-	-	7	-	-	<5	-	-
HISPANIC									
1988	25	4.5	2.8-7.2	17	7.1	3.7-13.5	8	-	-
1989	17	3.0	1.6-5.3	12	-	-	5	-	-
1990	27	5.3	3.4-8.1	19	8.5	4.8-14.8	8	-	-
1991	21	3.6	2.1-5.8	16	6.4	3.3-12.1	5	-	-
1992	15	2.3	1.2-4.1	7	-	-	8	-	-
1993	23	3.5	2.1-5.7	15	5.5	2.7-10.8	8	-	-
1994	20	3.2	1.8-5.4	13	-	-	7	-	-
1995	30	4.2	2.7-6.4	19	6.2	3.4-11.2	11	-	-
1996	26	4.2	2.7-6.5	12	-	-	14	-	-
1997	23	3.3	2.0-5.3	15	5.1	2.6-10.0	8	-	-
1998	20	3.1	1.8-5.1	12	-	-	8	-	-
1999	23	2.8	1.7-4.5	14	-	-	9	-	-
2000	33	3.6	2.4-5.4	16	4.1	2.1-8.0	17	3.4	1.9-5.9
2001	18	2.4	1.4-4.1	11	-	-	7	-	-
2002	32	3.8	2.5-5.6	14	-	-	18	3.8	2.2-6.3
2003	37	4.1	2.8-5.9	20	5.5	3.1-9.5	17	3.2	1.8-5.5
2004	27	3.1	2.0-4.7	12	-	-	15	3.2	1.7-5.4
2005	32	3.6	2.4-5.2	22	4.9	2.9-8.3	10	-	-

(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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 4. Brain and Nervous System 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	12	-	-	9	-	-	<5	-	-
1989	9	-	-	5	-	-	<5	-	-
1990	13	-	-	6	-	-	7	-	-
1991	14	-	-	7	-	-	7	-	-
1992	18	2.3	1.3-3.9	8	-	-	10	-	-
1993	24	3.0	1.8-4.7	13	-	-	11	-	-
1994	20	2.4	1.4-3.9	13	-	-	7	-	-
1995	17	1.9	1.1-3.3	9	-	-	8	-	-
1996	24	2.5	1.6-3.9	14	-	-	10	-	-
1997	22	2.1	1.3-3.4	12	-	-	10	-	-
1998	17	1.6	0.9-2.7	11	-	-	6	-	-
1999	24	2.3	1.5-3.6	15	3.2	1.8-5.7	9	-	-
2000	27	2.2	1.4-3.3	17	3.2	1.8-5.6	10	-	-
2001	30	2.3	1.6-3.4	20	3.6	2.2-5.9	10	-	-
2002	31	2.3	1.6-3.4	20	3.2	1.9-5.2	11	-	-
2003	23	1.6	1.0-2.5	8	-	-	15	2.0	1.1-3.3
2004	34	2.4	1.6-3.4	21	3.2	2.0-5.1	13	-	-
2005	23	1.6	1.0-2.5	13	-	-	10	-	-

\*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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 5. Brain and Nervous System 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	-	-	6	-	-
05 - 09	7	-	-	14	-	-
10 - 14	11	-	-	<5	-	-
15 - 19	<5	-	-	5	-	-
20 - 24	8	-	-	<5	-	-
25 - 29	9	-	-	11	-	-
30 - 34	14	-	-	14	-	-
35 - 39	18	1.2	0.7-2.0	15	1.1	0.6-1.9
40 - 44	36	2.5	1.8-3.5	22	1.6	1.0-2.5
45 - 49	50	3.9	2.9-5.2	34	2.7	1.9-3.8
50 - 54	63	5.6	4.3-7.2	38	3.3	2.3-4.5
55 - 59	91	10.2	8.2-12.6	58	6.2	4.7-8.0
60 - 64	69	11.0	8.5-13.9	55	8.1	6.1-10.6
65 - 69	72	15.3	12.0-19.3	55	10.2	7.7-13.3
70 - 74	86	22.3	17.8-27.5	62	13.1	10.0-16.8
75 - 79	75	23.9	18.8-30.0	55	12.5	9.4-16.3
80 - 84	55	25.3	19.0-32.9	44	13.0	9.4-17.4
85 +	30	19.0	12.8-27.2	37	11.0	7.8-15.2
Total/Crude	702	4.3	4.0-4.6	529	3.2	3.0-3.5

\*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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 6. Brain and Nervous System 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:	631	4.8	4.4-5.2	479	3.1	2.8-3.4
Alameda	159	5.2	4.4-6.1	116	3.2	2.6-3.8
Contra Costa	124	5.5	4.6-6.6	84	3.1	2.5-3.9
Marin	35	5.0	3.5-7.1	28	3.5	2.3-5.4
San Francisco	72	3.9	3.0-4.9	66	2.9	2.2-3.8
San Mateo	88	5.3	4.3-6.6	66	3.3	2.6-4.3
Santa Clara	153	4.3	3.6-5.1	119	2.9	2.4-3.5
Monterey Bay Area:	71	4.9	3.8-6.3	50	3.0	2.2-4.0
Monterey	38	4.7	3.3-6.6	27	2.8	1.9-4.1
San Benito	<5	-	-	<5	-	-
Santa Cruz	29	5.4	3.5-7.9	20	3.5	2.1-5.4
WHITE (non-Hispanic)						
SF Bay Area:	448	5.9	5.3-6.4	330	3.8	3.4-4.3
Alameda	108	6.8	5.6-8.3	72	4.0	3.1-5.1
Contra Costa	92	6.1	4.9-7.5	70	3.9	3.0-5.0
Marin	32	5.1	3.4-7.6	23	3.3	2.1-5.6
San Francisco	38	4.3	3.0-6.5	38	3.9	2.7-6.0
San Mateo	63	5.9	4.5-7.7	51	4.3	3.1-5.9
Santa Clara	115	5.9	4.8-7.1	76	3.4	2.6-4.3
Monterey Bay Area:	57	5.9	4.5-7.8	38	3.3	2.3-4.7
Monterey	29	6.2	4.2-9.2	18	3.0	1.8-5.2
San Benito	<5	-	-	<5	-	-
Santa Cruz	26	5.8	3.7-8.9	17	3.7	2.1-6.3
BLACK (non-Hispanic)						
SF Bay Area:	35	4.2	2.9-6.0	30	2.7	1.8-3.9
Alameda	16	4.2	2.4-7.2	19	3.5	2.1-5.5
Contra Costa	8	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	7	-	-	<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.

BRAIN AND NERVOUS SYSTEM CANCER  
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Table 6. Brain and Nervous System 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:	68	4.3	3.2-5.6	60	3.0	2.3-3.9
Alameda	20	5.4	3.2-9.2	11	-	-
Contra Costa	10	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	5	-	-	10	-	-
San Mateo	15	7.7	3.9-14.3	8	-	-
Santa Clara	15	2.7	1.4-5.2	25	3.8	2.4-5.8
Monterey Bay Area:	11	-	-	7	-	-
Monterey	9	-	-	6	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	79	2.6	2.1-3.3	57	1.6	1.2-2.0
Alameda	14	-	-	14	-	-
Contra Costa	14	-	-	8	-	-
Marin	<5	-	-	<5	-	-
San Francisco	22	3.3	2.0-5.2	14	-	-
San Mateo	6	-	-	<5	-	-
Santa Clara	23	2.4	1.5-3.9	16	1.4	0.8-2.3
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.