

BLADDER CANCER
Incidence

Table 1. Bladder Cancer (in situ and invasive). 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	962	19.8	18.5-21.1	700	35.1	32.4-37.9	262	9.4	8.3-10.6
1989	929	19.0	17.8-20.3	688	34.1	31.5-36.9	241	8.5	7.4-9.6
1990	964	19.5	18.2-20.7	722	34.8	32.2-37.6	242	8.5	7.5-9.7
1991	1,014	20.2	19.0-21.5	735	35.3	32.7-38.1	279	9.6	8.5-10.8
1992	1,008	19.9	18.7-21.2	751	35.4	32.9-38.2	257	8.9	7.8-10.0
1993	1,025	19.8	18.6-21.1	756	35.6	33.0-38.3	269	8.9	7.9-10.1
1994	1,019	19.3	18.2-20.6	762	34.5	32.1-37.2	257	8.5	7.5-9.6
1995	1,052	19.8	18.6-21.0	761	34.2	31.7-36.8	291	9.5	8.4-10.6
1996	1,049	19.3	18.2-20.5	772	33.7	31.3-36.2	277	8.9	7.9-10.0
1997	1,087	19.6	18.4-20.8	763	32.5	30.2-35.0	324	10.2	9.1-11.4
1998	992	17.6	16.5-18.7	712	29.9	27.7-32.2	280	8.6	7.7-9.7
1999	1,050	18.2	17.1-19.3	762	30.8	28.6-33.1	288	8.7	7.7-9.8
2000	1,044	17.8	16.7-18.9	792	32.1	29.8-34.4	252	7.4	6.5-8.4
2001	1,153	19.3	18.2-20.5	856	34.0	31.7-36.4	297	8.7	7.8-9.8
2002	1,111	18.3	17.2-19.4	791	30.9	28.7-33.1	320	9.3	8.3-10.3
2003	1,177	19.1	18.0-20.2	873	33.1	30.9-35.5	304	8.7	7.7-9.7
2004	1,158	18.7	17.6-19.8	869	33.3	31.1-35.6	289	8.0	7.1-9.0
2005	1,159	18.1	17.1-19.2	874	31.9	29.8-34.1	285	7.9	7.0-8.9
WHITE (non-Hispanic)									
1988	813	22.7	21.1-24.3	592	40.3	37.0-43.8	221	10.7	9.3-12.3
1989	787	22.1	20.5-23.7	591	40.4	37.1-43.9	196	9.3	8.0-10.8
1990	792	22.1	20.6-23.8	586	39.5	36.2-43.0	206	9.8	8.5-11.3
1991	858	24.0	22.4-25.7	628	42.8	39.4-46.4	230	11.0	9.6-12.6
1992	833	23.3	21.7-24.9	629	42.3	39.0-45.8	204	9.9	8.6-11.5
1993	837	23.0	21.5-24.7	618	41.4	38.1-44.9	219	10.2	8.9-11.7
1994	813	22.3	20.8-24.0	617	40.6	37.4-44.0	196	9.4	8.1-10.9
1995	848	23.2	21.7-24.9	616	40.4	37.2-43.8	232	11.0	9.6-12.6
1996	853	23.2	21.7-24.8	636	40.9	37.8-44.3	217	10.3	9.0-11.9
1997	880	23.7	22.2-25.3	632	40.1	37.0-43.4	248	11.8	10.4-13.5
1998	827	22.1	20.7-23.7	600	37.7	34.7-40.9	227	10.6	9.2-12.1
1999	830	22.1	20.6-23.6	605	37.0	34.1-40.1	225	10.3	9.0-11.8
2000	822	21.6	20.1-23.1	627	38.7	35.7-41.9	195	9.0	7.8-10.5
2001	915	24.1	22.6-25.8	684	42.0	38.9-45.3	231	10.8	9.4-12.3
2002	838	21.8	20.3-23.4	594	36.2	33.3-39.3	244	11.2	9.8-12.7
2003	945	24.7	23.1-26.3	705	42.5	39.4-45.9	240	11.1	9.7-12.7
2004	917	24.0	22.5-25.7	690	42.3	39.1-45.6	227	10.2	8.9-11.7
2005	895	23.2	21.7-24.9	692	41.4	38.3-44.7	203	9.4	8.1-10.9

(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. Bladder Cancer (in situ and invasive). 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	37	11.5	8.0-16.5	26	18.3	11.6-29.4	11	-	-
1989	35	11.1	7.6-16.0	22	16.3	9.7-27.3	13	-	-
1990	40	11.7	8.3-16.4	31	20.7	13.7-31.5	9	-	-
1991	47	14.0	10.2-19.0	32	22.2	14.9-33.2	15	8.1	4.5-13.7
1992	44	12.9	9.3-17.6	28	18.1	11.9-27.8	16	8.6	4.9-14.2
1993	39	11.6	8.2-16.1	25	18.0	11.3-28.3	14	-	-
1994	56	16.3	12.3-21.4	37	23.8	16.7-34.2	19	9.9	6.0-15.6
1995	46	13.6	9.9-18.4	31	21.3	14.1-31.7	15	7.7	4.3-12.8
1996	40	11.3	8.1-15.6	21	13.2	7.9-21.6	19	9.5	5.7-14.9
1997	46	13.0	9.5-17.5	26	18.3	11.7-27.9	20	9.7	5.9-15.1
1998	40	11.1	7.9-15.2	29	19.3	12.8-28.7	11	-	-
1999	48	12.8	9.4-17.1	31	19.9	13.3-29.3	17	7.9	4.6-12.7
2000	34	8.9	6.1-12.5	22	14.4	8.8-22.9	12	-	-
2001	43	11.4	8.2-15.5	32	20.7	13.9-30.2	11	-	-
2002	55	14.6	11.0-19.1	34	22.9	15.6-32.8	21	9.5	5.9-14.7
2003	48	12.3	9.0-16.4	31	19.0	12.7-27.6	17	7.4	4.3-12.0
2004	46	12.3	9.0-16.5	31	21.5	14.4-31.1	15	6.9	3.9-11.5
2005	49	12.4	9.1-16.6	35	20.2	13.9-28.7	14	-	-
HISPANIC									
1988	57	15.0	11.2-19.8	43	29.2	20.6-40.9	14	-	-
1989	52	13.2	9.8-17.7	34	20.4	13.7-29.9	18	8.2	4.8-13.2
1990	54	11.5	8.5-15.4	43	22.5	15.6-32.1	11	-	-
1991	59	12.9	9.7-17.0	41	21.0	14.6-30.0	18	7.1	4.1-11.5
1992	64	13.5	10.3-17.6	47	23.5	16.8-32.7	17	6.4	3.7-10.5
1993	64	14.0	10.7-18.2	44	24.4	17.3-34.0	20	7.3	4.4-11.5
1994	73	15.8	12.2-20.1	51	26.9	19.5-36.7	22	8.3	5.1-12.8
1995	75	15.9	12.4-20.3	51	25.5	18.5-34.9	24	9.2	5.8-13.9
1996	65	12.7	9.7-16.5	49	22.5	16.2-31.0	16	5.8	3.3-9.5
1997	72	14.5	11.2-18.6	46	21.9	15.5-30.4	26	9.1	5.9-13.5
1998	42	7.5	5.3-10.4	24	10.7	6.5-17.2	18	5.4	3.2-8.9
1999	70	12.5	9.6-16.0	54	23.8	17.3-32.3	16	4.9	2.8-8.2
2000	81	14.8	11.6-18.6	58	25.3	18.7-33.8	23	7.6	4.8-11.5
2001	84	13.8	10.9-17.3	58	23.9	17.6-32.2	26	7.5	4.9-11.1
2002	107	16.1	13.1-19.7	69	24.0	18.2-31.5	38	10.4	7.3-14.4
2003	66	9.3	7.1-12.0	49	15.7	11.3-21.6	17	4.3	2.5-7.1
2004	87	12.6	10.0-15.8	66	23.8	18.0-31.0	21	5.2	3.2-8.1
2005	96	12.1	9.7-14.9	70	20.0	15.3-26.0	26	6.0	3.9-8.9

(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. Bladder Cancer (in situ and invasive). 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	51	10.9	7.9-14.9	37	17.5	11.8-25.8	14	-	-
1989	51	10.0	7.2-13.7	37	16.6	11.1-24.5	14	-	-
1990	72	13.4	10.3-17.3	56	22.6	16.7-30.5	16	5.9	3.3-10.1
1991	45	6.4	4.7-8.9	30	9.5	6.3-14.4	15	3.8	2.1-6.9
1992	58	8.9	6.7-11.8	42	13.7	9.7-19.3	16	5.1	2.9-8.7
1993	66	10.3	7.9-13.5	53	18.4	13.5-25.0	13	-	-
1994	66	8.7	6.6-11.2	49	14.4	10.4-19.6	17	4.2	2.4-7.0
1995	70	8.9	6.9-11.4	54	15.6	11.6-20.9	16	3.7	2.1-6.4
1996	72	9.0	7.0-11.6	50	13.9	10.2-18.8	22	5.2	3.2-8.1
1997	73	8.4	6.5-10.7	46	11.5	8.3-15.7	27	5.8	3.8-8.6
1998	65	6.9	5.3-8.9	44	10.8	7.8-14.9	21	3.8	2.3-6.0
1999	88	8.8	7.0-11.0	62	14.7	11.1-19.2	26	4.4	2.9-6.6
2000	92	9.1	7.3-11.2	73	16.3	12.7-20.8	19	3.5	2.1-5.5
2001	95	9.0	7.2-11.1	68	15.4	11.9-19.8	27	4.4	2.9-6.5
2002	103	9.2	7.5-11.2	86	18.1	14.4-22.6	17	2.6	1.5-4.3
2003	108	8.9	7.3-10.8	81	16.0	12.6-20.2	27	3.8	2.5-5.6
2004	100	8.1	6.5-9.8	78	14.7	11.5-18.5	22	3.2	2.0-4.9
2005	112	8.4	6.9-10.2	72	12.8	10.0-16.3	40	5.2	3.7-7.2

*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 2. Bladder Cancer (in situ and invasive). 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	9	-	-	<5	-	-
30 - 34	17	1.2	0.7-1.9	7	-	-
35 - 39	34	2.4	1.6-3.3	6	-	-
40 - 44	56	4.0	3.0-5.1	15	1.1	0.6-1.8
45 - 49	133	10.4	8.7-12.3	37	2.9	2.1-4.0
50 - 54	208	18.5	16.1-21.2	63	5.5	4.2-7.0
55 - 59	378	42.5	38.3-47.0	100	10.7	8.7-13.0
60 - 64	388	61.7	55.7-68.2	119	17.6	14.6-21.0
65 - 69	525	111.5	102.1-121.4	163	30.3	25.8-35.3
70 - 74	602	155.8	143.6-168.8	213	45.0	39.1-51.4
75 - 79	734	234.1	217.5-251.7	245	55.8	49.0-63.3
80 - 84	642	294.7	272.3-318.4	257	75.7	66.8-85.6
85 +	528	334.9	306.9-364.7	263	78.4	69.2-88.4
Total/Crude	4,263	25.9	25.1-26.7	1,495	9.1	8.7-9.6

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BLADDER CANCER
Incidence

Table 3. Bladder Cancer (in situ and invasive). 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:	3,778	32.0	31.0-33.1	1,346	8.5	8.0-9.0
Alameda	778	29.1	27.0-31.2	278	7.5	6.6-8.4
Contra Costa	729	35.9	33.3-38.7	251	9.3	8.2-10.5
Marin	271	42.1	37.2-47.6	95	11.0	8.9-13.7
San Francisco	469	25.3	23.0-27.8	175	7.0	6.0-8.2
San Mateo	535	35.0	32.1-38.1	218	10.2	8.9-11.7
Santa Clara	996	32.7	30.6-34.8	329	8.3	7.4-9.2
Monterey Bay Area:	485	37.8	34.5-41.4	149	8.7	7.4-10.2
Monterey	276	38.0	33.6-42.9	85	8.9	7.1-11.0
San Benito	28	33.5	22.0-49.4	12	-	-
Santa Cruz	181	38.3	32.8-44.5	52	8.1	6.0-10.7
WHITE (non-Hispanic)						
SF Bay Area:	2,978	40.8	39.3-42.3	1,026	10.6	10.0-11.3
Alameda	559	38.4	35.3-41.8	192	9.5	8.2-11.1
Contra Costa	631	42.1	38.9-45.6	202	10.3	8.9-11.9
Marin	255	43.6	38.3-49.7	87	11.0	8.8-14.2
San Francisco	300	35.3	31.3-39.9	114	11.0	9.0-13.9
San Mateo	450	42.9	39.0-47.2	174	12.3	10.5-14.5
Santa Clara	783	42.0	39.1-45.2	257	10.4	9.2-11.9
Monterey Bay Area:	387	41.6	37.5-46.1	119	9.6	8.0-11.7
Monterey	213	44.2	38.4-50.8	62	9.4	7.1-12.4
San Benito	16	29.2	16.6-48.5	8	-	-
Santa Cruz	158	40.1	34.0-47.2	49	9.3	6.8-12.6
BLACK (non-Hispanic)						
SF Bay Area:	151	20.0	16.9-23.7	77	7.1	5.6-8.9
Alameda	63	17.7	13.5-22.9	34	6.3	4.3-8.8
Contra Costa	32	23.9	15.9-35.1	17	8.8	5.1-14.4
Marin	<5	-	-	<5	-	-
San Francisco	29	20.6	13.7-29.9	11	-	-
San Mateo	11	-	-	7	-	-
Santa Clara	16	28.8	15.0-54.1	7	-	-
Monterey Bay Area:	12	-	-	<5	-	-
Monterey	11	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

(Table Continues)

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Table 3. Bladder Cancer (in situ and invasive). 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:	255	20.6	17.9-23.6	109	6.7	5.5-8.1
Alameda	56	19.8	14.6-26.5	21	5.9	3.6-9.2
Contra Costa	39	21.5	14.7-31.1	11	-	-
Marin	12	-	-	5	-	-
San Francisco	24	13.1	8.3-20.1	13	-	-
San Mateo	32	22.0	14.6-32.2	24	11.0	7.0-16.5
Santa Clara	92	22.9	18.0-28.9	35	6.3	4.3-8.9
Monterey Bay Area:	57	25.6	18.7-34.7	19	6.2	3.6-10.3
Monterey	32	21.7	14.2-32.7	12	-	-
San Benito	11	-	-	<5	-	-
Santa Cruz	14	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	362	14.8	13.3-16.5	125	3.8	3.2-4.5
Alameda	84	14.9	11.8-18.7	26	3.5	2.3-5.2
Contra Costa	23	10.7	6.6-16.7	18	6.1	3.6-9.9
Marin	<5	-	-	<5	-	-
San Francisco	112	16.3	13.4-19.8	36	3.8	2.6-5.5
San Mateo	42	15.6	11.0-21.8	13	-	-
Santa Clara	99	14.2	11.4-17.5	30	3.4	2.3-5.0
Monterey Bay Area:	23	28.4	18.0-42.7	8	-	-
Monterey	16	26.6	15.1-43.5	8	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	6	-	-	<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.

BLADDER CANCER
Mortality

Table 4. Invasive Bladder 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	179	4.0	3.4-4.6	113	6.9	5.6-8.4	66	2.4	1.8-3.0
1989	204	4.4	3.8-5.1	131	7.3	6.0-8.7	73	2.6	2.0-3.3
1990	201	4.4	3.8-5.0	131	7.5	6.2-9.0	70	2.4	1.9-3.1
1991	186	3.9	3.3-4.5	129	7.2	6.0-8.7	57	1.9	1.5-2.5
1992	169	3.5	3.0-4.0	115	5.9	4.8-7.1	54	1.8	1.4-2.4
1993	199	4.0	3.5-4.6	121	6.4	5.2-7.7	78	2.6	2.1-3.3
1994	225	4.4	3.9-5.1	140	7.3	6.1-8.7	85	2.8	2.2-3.4
1995	199	3.8	3.3-4.4	130	6.6	5.4-7.8	69	2.2	1.7-2.7
1996	187	3.5	3.0-4.1	119	5.7	4.7-6.9	68	2.1	1.7-2.7
1997	219	4.1	3.5-4.6	142	7.0	5.9-8.3	77	2.4	1.9-3.0
1998	224	4.1	3.6-4.6	138	6.4	5.4-7.6	86	2.6	2.1-3.2
1999	211	3.7	3.3-4.3	130	5.8	4.8-6.9	81	2.4	1.9-2.9
2000	179	3.1	2.7-3.6	127	5.5	4.6-6.6	52	1.5	1.1-2.0
2001	217	3.7	3.2-4.2	151	6.4	5.4-7.5	66	1.9	1.4-2.4
2002	241	4.1	3.6-4.6	163	6.8	5.8-7.9	78	2.2	1.7-2.7
2003	235	3.8	3.4-4.4	160	6.4	5.4-7.5	75	2.1	1.6-2.6
2004	245	3.9	3.5-4.5	173	7.1	6.1-8.3	72	1.9	1.5-2.4
2005	234	3.7	3.2-4.2	169	6.7	5.8-7.9	65	1.7	1.3-2.2
WHITE (non-Hispanic)									
1988	150	4.3	3.6-5.1	97	7.9	6.3-9.7	53	2.4	1.8-3.2
1989	171	4.9	4.2-5.7	111	8.2	6.7-10.0	60	2.8	2.1-3.6
1990	167	4.8	4.1-5.6	108	8.4	6.9-10.3	59	2.6	2.0-3.5
1991	158	4.5	3.8-5.3	112	8.7	7.1-10.5	46	2.1	1.5-2.8
1992	141	4.0	3.3-4.7	96	6.9	5.6-8.5	45	2.0	1.5-2.8
1993	161	4.4	3.8-5.2	100	7.3	5.9-8.9	61	2.8	2.1-3.6
1994	184	5.0	4.3-5.8	117	8.6	7.1-10.4	67	3.0	2.3-3.9
1995	159	4.3	3.6-5.0	111	7.8	6.4-9.5	48	2.0	1.5-2.8
1996	157	4.2	3.6-4.9	100	6.9	5.6-8.5	57	2.5	1.9-3.4
1997	172	4.5	3.9-5.3	118	8.4	6.9-10.1	54	2.4	1.8-3.2
1998	173	4.5	3.9-5.3	105	7.2	5.9-8.7	68	2.9	2.2-3.7
1999	167	4.3	3.7-5.1	102	6.7	5.5-8.2	65	2.7	2.1-3.5
2000	143	3.6	3.1-4.3	101	6.5	5.2-7.9	42	1.8	1.3-2.5
2001	167	4.3	3.7-5.0	117	7.5	6.2-9.0	50	2.1	1.5-2.8
2002	185	4.8	4.1-5.6	127	8.1	6.7-9.7	58	2.6	1.9-3.4
2003	183	4.6	4.0-5.4	130	8.0	6.7-9.6	53	2.2	1.7-3.0
2004	178	4.4	3.8-5.1	127	8.1	6.7-9.7	51	2.0	1.4-2.7
2005	177	4.4	3.8-5.2	134	8.5	7.1-10.1	43	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.

BLADDER CANCER
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Table 4. Invasive Bladder 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	8	-	-	<5	-	-	5	-	-
1989	10	-	-	5	-	-	5	-	-
1990	12	-	-	6	-	-	6	-	-
1991	10	-	-	5	-	-	5	-	-
1992	5	-	-	<5	-	-	<5	-	-
1993	16	5.0	2.8-8.3	8	-	-	8	-	-
1994	14	-	-	5	-	-	9	-	-
1995	18	5.5	3.3-8.9	9	-	-	9	-	-
1996	17	5.0	2.9-8.2	12	-	-	5	-	-
1997	15	4.2	2.3-7.1	7	-	-	8	-	-
1998	16	4.5	2.5-7.4	8	-	-	8	-	-
1999	20	5.8	3.5-9.0	9	-	-	11	-	-
2000	12	-	-	7	-	-	5	-	-
2001	17	4.4	2.6-7.2	10	-	-	7	-	-
2002	13	-	-	8	-	-	5	-	-
2003	19	5.1	3.0-8.0	9	-	-	10	-	-
2004	19	5.3	3.2-8.3	10	-	-	9	-	-
2005	18	4.8	2.8-7.6	9	-	-	9	-	-
HISPANIC									
1988	9	-	-	6	-	-	<5	-	-
1989	13	-	-	8	-	-	5	-	-
1990	9	-	-	7	-	-	<5	-	-
1991	7	-	-	<5	-	-	<5	-	-
1992	7	-	-	6	-	-	<5	-	-
1993	11	-	-	6	-	-	5	-	-
1994	12	-	-	8	-	-	<5	-	-
1995	10	-	-	6	-	-	<5	-	-
1996	7	-	-	<5	-	-	<5	-	-
1997	10	-	-	<5	-	-	7	-	-
1998	13	-	-	8	-	-	5	-	-
1999	9	-	-	7	-	-	<5	-	-
2000	13	-	-	10	-	-	<5	-	-
2001	12	-	-	8	-	-	<5	-	-
2002	20	3.4	2.0-5.3	11	-	-	9	-	-
2003	20	3.3	2.0-5.2	11	-	-	9	-	-
2004	20	3.2	1.9-4.9	12	-	-	8	-	-
2005	19	2.8	1.7-4.4	14	-	-	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.

BLADDER CANCER
Mortality

Table 4. Invasive Bladder 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	-	-	7	-	-	5	-	-
1989	10	-	-	7	-	-	<5	-	-
1990	13	-	-	10	-	-	<5	-	-
1991	11	-	-	8	-	-	<5	-	-
1992	16	2.8	1.6-4.8	11	-	-	5	-	-
1993	11	-	-	7	-	-	<5	-	-
1994	15	2.7	1.5-4.5	10	-	-	5	-	-
1995	12	-	-	<5	-	-	8	-	-
1996	6	-	-	<5	-	-	<5	-	-
1997	22	3.0	1.9-4.7	14	-	-	8	-	-
1998	22	2.5	1.5-3.9	17	4.7	2.7-7.8	5	-	-
1999	14	-	-	11	-	-	<5	-	-
2000	11	-	-	9	-	-	<5	-	-
2001	20	2.1	1.3-3.3	15	3.8	2.1-6.5	5	-	-
2002	23	2.2	1.4-3.4	17	4.0	2.3-6.6	6	-	-
2003	13	-	-	10	-	-	<5	-	-
2004	28	2.3	1.5-3.4	24	4.8	3.0-7.3	<5	-	-
2005	20	1.6	1.0-2.5	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. Invasive Bladder 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	<5	-	-	<5	-	-
40 - 44	5	-	-	<5	-	-
45 - 49	11	-	-	5	-	-
50 - 54	17	1.5	0.9-2.4	5	-	-
55 - 59	37	4.2	2.9-5.7	9	-	-
60 - 64	53	8.4	6.3-11.0	12	-	-
65 - 69	90	19.1	15.4-23.5	16	3.0	1.7-4.8
70 - 74	94	24.3	19.7-29.8	40	8.5	6.0-11.5
75 - 79	150	47.8	40.5-56.1	69	15.7	12.2-19.9
80 - 84	153	70.2	59.5-82.3	76	22.4	17.7-28.0
85 +	202	128.1	111.1-147.0	120	35.8	29.7-42.8
Total/Crude	816	5.0	4.6-5.3	356	2.2	2.0-2.4

*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.

BLADDER CANCER
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Table 6. Invasive Bladder 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:	737	6.7	6.2-7.2	328	2.0	1.8-2.2
Alameda	156	6.1	5.2-7.2	75	2.0	1.6-2.5
Contra Costa	144	7.7	6.5-9.1	77	2.8	2.2-3.5
Marin	44	7.5	5.4-10.1	20	2.4	1.4-4.0
San Francisco	115	6.4	5.3-7.7	49	1.7	1.3-2.4
San Mateo	108	7.5	6.2-9.1	52	2.3	1.7-3.0
Santa Clara	170	6.2	5.3-7.3	55	1.4	1.0-1.8
Monterey Bay Area:	79	6.4	5.1-8.1	28	1.6	1.1-2.3
Monterey	38	5.5	3.9-7.6	15	1.5	0.8-2.5
San Benito	5	-	-	<5	-	-
Santa Cruz	36	8.0	5.5-11.1	11	-	-
WHITE (non-Hispanic)						
SF Bay Area:	567	8.1	7.5-8.8	231	2.2	1.9-2.5
Alameda	102	7.1	5.8-8.7	45	2.1	1.5-2.9
Contra Costa	123	8.6	7.1-10.3	56	2.6	2.0-3.5
Marin	43	7.9	5.7-11.0	19	2.5	1.5-4.5
San Francisco	74	8.9	7.0-11.7	24	1.9	1.2-3.7
San Mateo	88	8.5	6.8-10.6	40	2.4	1.7-3.7
Santa Clara	137	8.0	6.7-9.5	47	1.7	1.2-2.4
Monterey Bay Area:	68	7.5	5.8-9.6	24	1.8	1.1-2.9
Monterey	32	6.7	4.6-9.7	12	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	33	8.7	6.0-12.4	11	-	-
BLACK (non-Hispanic)						
SF Bay Area:	45	6.3	4.5-8.5	39	3.5	2.5-4.9
Alameda	23	6.7	4.2-10.2	16	3.0	1.7-4.9
Contra Costa	8	-	-	12	-	-
Marin	<5	-	-	<5	-	-
San Francisco	7	-	-	7	-	-
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.

BLADDER CANCER
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Table 6. Invasive Bladder 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:	48	4.8	3.5-6.4	32	2.1	1.4-2.9
Alameda	16	6.5	3.7-11.1	8	-	-
Contra Costa	9	-	-	5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	5	-	-	8	-	-
San Mateo	7	-	-	6	-	-
Santa Clara	11	-	-	5	-	-
Monterey Bay Area:	8	-	-	<5	-	-
Monterey	<5	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	76	3.3	2.6-4.2	26	0.8	0.5-1.2
Alameda	15	2.8	1.5-4.9	6	-	-
Contra Costa	<5	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	28	4.2	2.8-6.3	10	-	-
San Mateo	8	-	-	<5	-	-
Santa Clara	20	3.2	1.9-5.1	<5	-	-
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.