

KIDNEY CANCER
Incidence

Table 1. Kidney and Renal Pelvis 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	461	9.4	8.6-10.3	296	14.2	12.5-16.0	165	6.0	5.2-7.1
1989	469	9.2	8.4-10.1	295	13.2	11.7-14.9	174	6.2	5.3-7.3
1990	448	8.9	8.1-9.8	276	12.5	11.0-14.2	172	6.1	5.2-7.1
1991	465	9.1	8.3-10.0	282	12.7	11.2-14.4	183	6.4	5.5-7.4
1992	502	9.7	8.9-10.6	327	14.5	12.9-16.3	175	6.1	5.2-7.0
1993	527	9.9	9.1-10.8	340	14.3	12.8-15.9	187	6.4	5.5-7.4
1994	481	9.0	8.2-9.8	296	12.6	11.2-14.2	185	6.2	5.3-7.2
1995	530	9.7	8.9-10.6	326	13.7	12.2-15.3	204	6.7	5.8-7.7
1996	517	9.3	8.5-10.2	317	12.9	11.5-14.4	200	6.6	5.7-7.5
1997	560	9.9	9.1-10.7	359	14.1	12.7-15.7	201	6.4	5.6-7.4
1998	599	10.3	9.5-11.2	399	15.6	14.1-17.2	200	6.3	5.4-7.2
1999	578	9.7	8.9-10.6	350	13.1	11.7-14.6	228	7.0	6.1-8.0
2000	577	9.5	8.7-10.3	372	13.9	12.5-15.4	205	6.1	5.3-7.0
2001	600	9.8	9.0-10.6	360	13.0	11.7-14.5	240	7.2	6.3-8.1
2002	625	10.0	9.3-10.9	387	13.7	12.4-15.2	238	7.0	6.1-8.0
2003	728	11.4	10.6-12.3	434	14.8	13.4-16.3	294	8.6	7.6-9.6
2004	780	12.1	11.2-13.0	503	17.1	15.6-18.7	277	8.0	7.1-9.0
2005	733	11.1	10.3-11.9	467	15.4	14.0-16.9	266	7.5	6.6-8.5
WHITE (non-Hispanic)									
1988	344	9.8	8.8-10.9	224	15.0	13.0-17.2	120	6.2	5.1-7.5
1989	343	9.7	8.7-10.8	228	14.6	12.7-16.8	115	5.9	4.9-7.2
1990	332	9.4	8.4-10.5	209	13.6	11.8-15.7	123	6.3	5.2-7.6
1991	343	9.7	8.7-10.8	213	13.7	11.9-15.8	130	6.6	5.5-7.9
1992	364	10.3	9.2-11.4	234	15.2	13.3-17.4	130	6.4	5.4-7.7
1993	374	10.5	9.5-11.7	247	15.5	13.6-17.6	127	6.5	5.4-7.8
1994	347	9.7	8.7-10.8	211	13.5	11.7-15.5	136	6.9	5.8-8.3
1995	356	9.8	8.8-10.9	218	13.6	11.9-15.6	138	6.9	5.8-8.2
1996	372	10.3	9.3-11.4	225	13.8	12.1-15.8	147	7.5	6.3-8.9
1997	383	10.5	9.5-11.6	252	15.3	13.5-17.4	131	6.6	5.5-7.9
1998	398	10.8	9.8-11.9	265	16.0	14.1-18.1	133	6.6	5.5-7.9
1999	394	10.5	9.5-11.6	246	14.5	12.7-16.4	148	7.2	6.1-8.5
2000	395	10.4	9.4-11.5	268	15.8	14.0-17.9	127	6.0	5.0-7.3
2001	371	10.0	9.0-11.1	236	14.1	12.3-16.0	135	6.6	5.5-7.8
2002	401	10.6	9.6-11.8	249	14.7	12.9-16.7	152	7.4	6.2-8.7
2003	458	12.1	11.0-13.3	270	15.2	13.4-17.2	188	9.3	8.0-10.8
2004	468	12.3	11.2-13.5	308	17.4	15.5-19.6	160	7.8	6.6-9.2
2005	424	11.0	10.0-12.1	286	16.1	14.2-18.1	138	6.7	5.6-8.0

(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. Kidney and Renal Pelvis 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	47	13.0	9.4-17.8	31	20.5	13.6-31.7	16	7.6	4.3-13.0
1989	42	11.6	8.2-16.3	23	17.3	10.3-28.7	19	8.4	5.0-13.8
1990	38	10.2	7.2-14.4	28	17.4	11.4-27.1	10	-	-
1991	31	9.0	6.0-13.1	18	13.2	7.4-23.2	13	-	-
1992	35	9.7	6.7-13.8	20	13.0	7.8-21.8	15	7.6	4.2-12.7
1993	47	13.0	9.5-17.5	23	13.7	8.6-22.1	24	11.9	7.6-17.9
1994	31	8.1	5.4-11.8	21	12.3	7.3-20.7	10	-	-
1995	50	14.1	10.4-18.9	36	24.7	16.9-35.7	14	-	-
1996	32	8.8	6.0-12.7	17	11.9	6.8-20.2	15	7.0	3.9-11.7
1997	53	13.8	10.3-18.3	34	19.6	13.5-28.6	19	9.0	5.4-14.2
1998	48	12.5	9.2-16.7	25	14.6	9.3-22.6	23	10.6	6.7-16.0
1999	41	10.4	7.4-14.3	23	14.8	9.1-23.3	18	7.9	4.7-12.6
2000	42	10.6	7.6-14.5	20	12.1	7.2-19.7	22	9.7	6.1-14.8
2001	46	11.3	8.2-15.1	26	14.6	9.4-22.4	20	8.7	5.3-13.6
2002	63	15.4	11.8-19.8	40	21.1	15.0-29.7	23	10.4	6.6-15.7
2003	54	12.9	9.7-17.0	34	18.0	12.3-26.0	20	8.8	5.4-13.8
2004	72	17.5	13.6-22.2	50	27.9	20.4-37.6	22	9.8	6.1-15.0
2005	93	21.8	17.6-26.9	53	26.6	19.7-35.5	40	17.6	12.5-24.1
HISPANIC									
1988	41	8.8	6.2-12.4	24	11.6	7.0-19.1	17	6.8	3.9-11.3
1989	54	9.3	6.8-12.6	31	11.2	7.3-17.6	23	7.5	4.7-11.9
1990	53	9.3	6.8-12.6	23	9.3	5.5-15.6	30	9.4	6.2-14.0
1991	58	11.9	8.8-15.7	33	17.9	11.8-26.5	25	8.1	5.1-12.4
1992	58	11.3	8.4-15.0	41	18.0	12.3-26.1	17	6.3	3.6-10.4
1993	68	12.5	9.6-16.2	45	17.1	12.1-24.2	23	8.4	5.3-12.9
1994	63	11.5	8.6-15.1	40	15.8	10.8-23.0	23	8.0	5.0-12.3
1995	64	10.7	8.0-14.0	35	14.8	9.8-22.0	29	7.9	5.2-11.9
1996	65	11.0	8.4-14.3	38	14.4	9.7-21.2	27	8.4	5.5-12.5
1997	74	11.9	9.2-15.3	43	14.5	10.1-20.8	31	9.4	6.3-13.6
1998	81	13.6	10.6-17.2	53	21.8	15.7-29.9	28	8.1	5.3-12.0
1999	79	11.6	9.1-14.8	47	14.8	10.5-21.1	32	8.9	6.0-12.9
2000	78	10.7	8.3-13.6	43	13.9	9.8-19.8	35	8.3	5.7-11.9
2001	108	14.7	11.9-17.9	58	17.3	12.8-23.4	50	12.5	9.2-16.7
2002	90	11.5	9.1-14.3	54	12.9	9.5-17.8	36	9.4	6.5-13.2
2003	121	15.0	12.3-18.1	70	19.3	14.7-25.4	51	11.7	8.6-15.6
2004	136	16.5	13.7-19.7	82	22.8	17.8-29.2	54	11.8	8.8-15.6
2005	109	12.3	10.0-15.0	66	16.2	12.2-21.5	43	9.1	6.5-12.4

(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. Kidney and Renal Pelvis 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	28	5.0	3.2-7.7	17	7.1	3.8-13.0	11	-	-
1989	25	4.1	2.6-6.6	12	-	-	13	-	-
1990	23	3.9	2.4-6.2	15	5.2	2.9-9.7	8	-	-
1991	31	4.4	2.9-6.7	16	4.7	2.7-8.7	15	4.1	2.2-7.5
1992	40	5.6	4.0-8.0	28	8.6	5.6-13.2	12	-	-
1993	32	4.1	2.8-6.1	21	5.6	3.4-9.3	11	-	-
1994	35	4.7	3.2-6.8	20	6.0	3.5-9.9	15	3.7	2.0-6.5
1995	58	6.8	5.1-9.0	37	9.8	6.8-14.1	21	4.4	2.7-7.1
1996	43	4.7	3.4-6.5	33	8.3	5.6-12.1	10	-	-
1997	46	4.8	3.5-6.6	28	7.0	4.6-10.5	18	3.2	1.9-5.3
1998	68	6.8	5.2-8.7	53	12.0	8.8-16.2	15	2.6	1.4-4.5
1999	56	5.0	3.8-6.7	28	5.6	3.7-8.4	28	4.6	3.1-6.9
2000	55	4.9	3.6-6.4	36	7.1	4.9-10.2	19	3.0	1.8-4.9
2001	71	5.9	4.6-7.6	38	6.6	4.7-9.4	33	5.2	3.5-7.4
2002	67	5.3	4.1-6.9	42	7.5	5.3-10.4	25	3.6	2.3-5.4
2003	90	6.8	5.5-8.4	57	9.8	7.4-13.0	33	4.5	3.1-6.4
2004	98	7.2	5.8-8.8	60	10.1	7.7-13.2	38	4.9	3.5-6.8
2005	99	6.9	5.6-8.4	59	9.0	6.8-11.8	40	5.1	3.7-7.1

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Table 2. Kidney and Renal Pelvis 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	20	1.7	1.1-2.7	15	1.4	0.8-2.3
05 - 09	<5	-	-	6	-	-
10 - 14	<5	-	-	<5	-	-
15 - 19	<5	-	-	<5	-	-
20 - 24	<5	-	-	<5	-	-
25 - 29	12	-	-	<5	-	-
30 - 34	23	1.6	1.0-2.4	19	1.4	0.9-2.3
35 - 39	53	3.7	2.7-4.8	33	2.5	1.7-3.5
40 - 44	90	6.4	5.1-7.8	47	3.5	2.6-4.6
45 - 49	148	11.6	9.8-13.6	81	6.4	5.1-8.0
50 - 54	207	18.4	16.0-21.1	105	9.1	7.5-11.0
55 - 59	292	32.8	29.1-36.8	140	15.0	12.6-17.6
60 - 64	277	44.1	39.0-49.6	125	18.5	15.4-22.0
65 - 69	272	57.8	51.1-65.0	154	28.6	24.3-33.5
70 - 74	269	69.6	61.6-78.5	174	36.7	31.5-42.6
75 - 79	226	72.1	63.0-82.1	177	40.3	34.6-46.7
80 - 84	156	71.6	60.8-83.8	125	36.8	30.7-43.9
85 +	100	63.4	51.6-77.1	105	31.3	25.6-37.9
Total/Crude	2,151	13.1	12.5-13.6	1,315	8.0	7.6-8.5

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KIDNEY CANCER
Incidence

Table 3. Kidney and Renal Pelvis 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:	1,893	14.5	13.9-15.2	1,172	7.5	7.1-8.0
Alameda	402	13.4	12.1-14.8	284	7.8	6.9-8.7
Contra Costa	368	16.7	15.0-18.5	220	8.2	7.1-9.4
Marin	97	14.6	11.7-17.9	70	8.9	6.9-11.6
San Francisco	258	13.2	11.6-15.0	166	7.3	6.2-8.6
San Mateo	290	17.4	15.4-19.6	145	7.1	6.0-8.4
Santa Clara	478	13.5	12.3-14.8	287	7.1	6.3-7.9
Monterey Bay Area:	258	17.4	15.3-19.8	143	8.6	7.3-10.2
Monterey	151	18.7	15.8-22.0	85	9.2	7.4-11.4
San Benito	24	21.9	13.8-34.0	10	-	-
Santa Cruz	83	14.4	11.3-18.1	48	7.7	5.6-10.3
WHITE (non-Hispanic)						
SF Bay Area:	1,182	15.4	14.5-16.3	682	7.5	6.9-8.1
Alameda	209	13.5	11.7-15.6	153	8.0	6.7-9.4
Contra Costa	253	16.2	14.2-18.4	148	7.9	6.6-9.3
Marin	87	14.4	11.5-18.2	58	8.1	6.1-11.0
San Francisco	138	15.5	13.0-18.9	80	8.6	6.8-11.4
San Mateo	199	19.0	16.4-22.0	82	6.4	5.0-8.3
Santa Clara	296	14.6	12.9-16.4	161	6.9	5.9-8.2
Monterey Bay Area:	167	16.4	14.0-19.3	91	7.9	6.3-9.9
Monterey	87	17.5	14.0-21.8	49	8.2	6.0-11.2
San Benito	13	-	-	<5	-	-
Santa Cruz	67	14.4	11.0-18.7	39	7.8	5.5-11.1
BLACK (non-Hispanic)						
SF Bay Area:	191	21.4	18.4-24.9	122	11.1	9.2-13.2
Alameda	79	19.8	15.6-25.0	55	10.3	7.8-13.5
Contra Costa	42	26.0	18.3-36.6	24	11.9	7.5-18.0
Marin	<5	-	-	<5	-	-
San Francisco	35	22.9	15.9-32.3	26	14.9	9.6-22.5
San Mateo	16	24.6	14.0-43.1	9	-	-
Santa Clara	17	18.8	9.6-39.5	6	-	-
Monterey Bay Area:	12	-	-	<5	-	-
Monterey	9	-	-	<5	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-

(Table Continues)

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Table 3. Kidney and Renal Pelvis 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:	262	17.1	14.9-19.5	193	10.3	8.9-12.0
Alameda	59	15.3	11.3-20.7	25	6.1	3.9-9.2
Contra Costa	49	24.4	17.5-33.9	30	11.5	7.7-16.8
Marin	5	-	-	6	-	-
San Francisco	26	13.1	8.4-19.8	22	9.1	5.7-14.0
San Mateo	39	20.6	14.1-29.7	29	10.9	7.2-16.0
Santa Clara	84	15.7	12.2-20.1	81	12.9	10.2-16.2
Monterey Bay Area:	68	21.6	16.1-29.0	41	14.8	10.5-20.5
Monterey	48	23.8	16.6-34.2	28	16.3	10.6-24.3
San Benito	9	-	-	7	-	-
Santa Cruz	11	-	-	6	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	246	8.6	7.5-9.8	164	4.7	4.0-5.5
Alameda	52	7.6	5.7-10.3	44	5.2	3.8-7.1
Contra Costa	21	7.8	4.7-12.7	16	5.2	2.9-8.8
Marin	<5	-	-	<5	-	-
San Francisco	59	8.6	6.5-11.3	37	4.2	2.9-6.0
San Mateo	35	10.7	7.3-15.7	25	6.0	3.8-9.0
Santa Clara	78	8.8	6.9-11.3	39	3.8	2.7-5.3
Monterey Bay Area:	10	-	-	5	-	-
Monterey	7	-	-	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.

KIDNEY CANCER
Mortality

Table 4. Kidney and Renal Pelvis 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	182	3.8	3.2-4.4	110	5.6	4.6-6.9	72	2.6	2.0-3.2
1989	157	3.2	2.7-3.8	104	5.2	4.2-6.4	53	1.9	1.4-2.5
1990	184	3.7	3.2-4.3	102	4.9	4.0-6.0	82	2.9	2.3-3.7
1991	177	3.5	3.0-4.1	110	5.1	4.1-6.2	67	2.4	1.8-3.0
1992	174	3.5	3.0-4.0	110	5.2	4.2-6.3	64	2.2	1.7-2.8
1993	162	3.2	2.7-3.7	107	4.8	4.0-5.9	55	1.9	1.4-2.4
1994	199	3.8	3.3-4.3	118	5.3	4.4-6.4	81	2.6	2.1-3.3
1995	183	3.4	2.9-3.9	102	4.5	3.6-5.5	81	2.6	2.1-3.2
1996	205	3.8	3.3-4.4	127	5.5	4.6-6.6	78	2.5	2.0-3.2
1997	187	3.3	2.9-3.8	128	5.2	4.4-6.3	59	1.9	1.4-2.4
1998	196	3.5	3.0-4.0	128	5.2	4.4-6.3	68	2.1	1.6-2.7
1999	199	3.4	3.0-4.0	132	5.3	4.4-6.3	67	2.0	1.6-2.6
2000	197	3.3	2.9-3.8	131	5.1	4.2-6.1	66	1.9	1.5-2.5
2001	189	3.1	2.7-3.6	101	3.8	3.1-4.7	88	2.6	2.1-3.2
2002	198	3.2	2.8-3.7	115	4.4	3.6-5.3	83	2.3	1.9-2.9
2003	194	3.1	2.7-3.6	116	4.2	3.5-5.1	78	2.3	1.8-2.8
2004	195	3.1	2.7-3.5	127	4.6	3.8-5.5	68	1.9	1.5-2.4
2005	208	3.2	2.8-3.7	134	4.8	4.0-5.7	74	2.0	1.6-2.6
WHITE (non-Hispanic)									
1988	139	3.9	3.3-4.7	87	6.2	4.9-7.8	52	2.5	1.9-3.4
1989	123	3.5	2.9-4.2	83	5.8	4.6-7.3	40	2.0	1.4-2.9
1990	148	4.2	3.5-4.9	81	5.5	4.4-7.0	67	3.4	2.6-4.4
1991	124	3.5	2.9-4.2	78	5.2	4.1-6.6	46	2.3	1.7-3.2
1992	132	3.7	3.1-4.4	81	5.4	4.3-6.8	51	2.4	1.8-3.2
1993	114	3.2	2.7-3.9	75	5.0	3.9-6.4	39	1.9	1.3-2.7
1994	147	4.0	3.4-4.8	90	6.0	4.8-7.4	57	2.7	2.0-3.6
1995	138	3.8	3.2-4.5	80	5.2	4.1-6.5	58	2.7	2.0-3.6
1996	142	3.9	3.2-4.6	88	5.7	4.5-7.1	54	2.5	1.9-3.3
1997	129	3.5	2.9-4.2	86	5.3	4.3-6.6	43	2.1	1.5-2.9
1998	141	3.8	3.2-4.5	91	5.7	4.6-7.0	50	2.3	1.7-3.2
1999	132	3.5	3.0-4.2	86	5.2	4.2-6.5	46	2.2	1.6-3.0
2000	129	3.3	2.8-3.9	82	4.9	3.9-6.2	47	2.0	1.5-2.8
2001	127	3.3	2.8-4.0	66	4.1	3.1-5.2	61	2.8	2.1-3.6
2002	138	3.5	2.9-4.2	84	5.0	4.0-6.3	54	2.3	1.7-3.1
2003	137	3.5	3.0-4.2	81	4.7	3.8-6.0	56	2.6	1.9-3.5
2004	128	3.3	2.8-4.0	87	5.2	4.2-6.5	41	1.9	1.4-2.7
2005	141	3.6	3.0-4.3	92	5.4	4.3-6.7	49	2.3	1.7-3.1

(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.

KIDNEY CANCER
Mortality

Table 4. Kidney and Renal Pelvis 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	12	-	-	6	-	-	6	-	-
1989	9	-	-	<5	-	-	5	-	-
1990	10	-	-	8	-	-	<5	-	-
1991	16	4.0	2.3-6.8	7	-	-	9	-	-
1992	10	-	-	6	-	-	<5	-	-
1993	14	-	-	8	-	-	6	-	-
1994	11	-	-	<5	-	-	7	-	-
1995	19	5.3	3.1-8.5	9	-	-	10	-	-
1996	18	5.1	3.0-8.2	11	-	-	7	-	-
1997	16	4.4	2.5-7.4	10	-	-	6	-	-
1998	14	-	-	11	-	-	<5	-	-
1999	22	5.9	3.7-9.0	11	-	-	11	-	-
2000	14	-	-	8	-	-	6	-	-
2001	15	3.9	2.2-6.6	6	-	-	9	-	-
2002	17	4.4	2.5-7.1	9	-	-	8	-	-
2003	14	-	-	10	-	-	<5	-	-
2004	18	4.5	2.6-7.2	9	-	-	9	-	-
2005	13	-	-	9	-	-	<5	-	-
HISPANIC									
1988	16	3.8	2.1-6.5	7	-	-	9	-	-
1989	16	3.3	1.9-5.8	11	-	-	5	-	-
1990	17	3.3	1.8-5.6	10	-	-	7	-	-
1991	24	5.3	3.3-8.2	16	8.9	4.8-15.8	8	-	-
1992	22	4.8	3.0-7.6	18	9.4	5.2-16.2	<5	-	-
1993	19	3.6	2.1-6.0	15	6.5	3.5-12.0	<5	-	-
1994	28	5.6	3.7-8.3	18	7.8	4.4-13.5	10	-	-
1995	16	3.1	1.7-5.3	6	-	-	10	-	-
1996	23	4.1	2.5-6.4	12	-	-	11	-	-
1997	24	4.5	2.8-6.9	17	7.0	3.8-12.5	7	-	-
1998	25	4.5	2.9-6.9	16	6.1	3.4-11.0	9	-	-
1999	22	3.5	2.1-5.6	16	5.8	3.2-10.5	6	-	-
2000	28	4.6	3.0-6.8	21	8.1	4.8-13.3	7	-	-
2001	32	4.7	3.2-6.9	19	6.2	3.6-10.6	13	-	-
2002	29	4.5	2.9-6.6	15	4.6	2.4-8.5	14	-	-
2003	24	3.4	2.2-5.2	14	-	-	10	-	-
2004	32	4.2	2.9-6.1	22	6.3	3.8-10.3	10	-	-
2005	30	3.9	2.6-5.6	17	5.0	2.7-8.6	13	-	-

(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.

KIDNEY CANCER
Mortality

Table 4. Kidney and Renal Pelvis 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	15	3.2	1.7-5.9	10	-	-	5	-	-
1989	9	-	-	6	-	-	<5	-	-
1990	8	-	-	<5	-	-	5	-	-
1991	13	-	-	9	-	-	<5	-	-
1992	10	-	-	5	-	-	5	-	-
1993	15	2.4	1.3-4.2	9	-	-	6	-	-
1994	13	-	-	6	-	-	7	-	-
1995	9	-	-	7	-	-	<5	-	-
1996	22	2.6	1.6-4.1	16	4.2	2.3-7.3	6	-	-
1997	17	1.7	1.0-2.9	14	-	-	<5	-	-
1998	16	1.8	1.0-3.1	10	-	-	6	-	-
1999	23	2.3	1.5-3.6	19	4.6	2.7-7.6	<5	-	-
2000	25	2.2	1.4-3.4	20	3.9	2.4-6.3	5	-	-
2001	14	-	-	9	-	-	5	-	-
2002	14	-	-	7	-	-	7	-	-
2003	18	1.4	0.8-2.3	11	-	-	7	-	-
2004	17	1.3	0.8-2.2	9	-	-	8	-	-
2005	23	1.6	1.0-2.5	15	2.5	1.4-4.3	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.

KIDNEY CANCER
Mortality

Table 5. Kidney and Renal Pelvis 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	6	-	-	<5	-	-
40 - 44	11	-	-	5	-	-
45 - 49	20	1.6	1.0-2.4	13	-	-
50 - 54	41	3.7	2.6-5.0	16	1.4	0.8-2.3
55 - 59	67	7.5	5.8-9.6	35	3.7	2.6-5.2
60 - 64	78	12.4	9.8-15.5	31	4.6	3.1-6.5
65 - 69	67	14.2	11.0-18.1	33	6.1	4.2-8.6
70 - 74	75	19.4	15.3-24.3	51	10.8	8.0-14.2
75 - 79	73	23.3	18.3-29.3	68	15.5	12.0-19.6
80 - 84	84	38.6	30.8-47.7	54	15.9	12.0-20.8
85 +	61	38.7	29.6-49.7	79	23.5	18.6-29.3
Total/Crude	593	3.6	3.3-3.9	391	2.4	2.2-2.6

*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.

KIDNEY CANCER
Mortality

Table 6. Kidney and Renal Pelvis 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:	523	4.3	3.9-4.7	345	2.2	1.9-2.4
Alameda	122	4.4	3.6-5.3	84	2.3	1.8-2.9
Contra Costa	108	5.1	4.2-6.3	75	2.7	2.1-3.4
Marin	19	3.1	1.8-5.0	19	2.4	1.4-4.1
San Francisco	68	3.6	2.8-4.6	47	1.8	1.3-2.5
San Mateo	78	4.9	3.9-6.1	37	1.7	1.2-2.4
Santa Clara	128	4.0	3.3-4.8	83	2.0	1.6-2.5
Monterey Bay Area:	70	5.0	3.9-6.4	46	2.7	2.0-3.7
Monterey	36	4.7	3.3-6.6	26	2.8	1.8-4.1
San Benito	8	-	-	<5	-	-
Santa Cruz	26	5.1	3.3-7.6	19	2.8	1.7-4.5
WHITE (non-Hispanic)						
SF Bay Area:	358	4.8	4.3-5.4	232	2.4	2.1-2.7
Alameda	76	5.2	4.1-6.5	46	2.3	1.7-3.2
Contra Costa	78	5.0	4.0-6.4	57	2.8	2.1-3.7
Marin	18	3.2	1.9-5.6	16	2.3	1.3-4.4
San Francisco	38	4.4	3.1-6.6	27	2.4	1.6-4.4
San Mateo	59	5.6	4.2-7.4	28	2.0	1.3-3.2
Santa Clara	89	4.7	3.8-5.9	58	2.3	1.7-3.1
Monterey Bay Area:	52	5.3	4.0-7.1	29	2.3	1.5-3.5
Monterey	23	4.6	2.9-7.2	13	-	-
San Benito	5	-	-	<5	-	-
Santa Cruz	24	5.7	3.6-8.8	16	2.8	1.6-5.1
BLACK (non-Hispanic)						
SF Bay Area:	41	5.1	3.6-7.0	33	3.0	2.1-4.2
Alameda	20	5.1	3.1-8.2	18	3.4	2.0-5.4
Contra Costa	11	-	-	7	-	-
Marin	<5	-	-	<5	-	-
San Francisco	5	-	-	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.

KIDNEY CANCER
Mortality

Table 6. Kidney and Renal Pelvis 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:	73	5.2	4.0-6.8	46	2.8	2.0-3.8
Alameda	17	5.6	3.1-9.6	8	-	-
Contra Costa	16	7.5	4.0-13.6	7	-	-
Marin	<5	-	-	<5	-	-
San Francisco	10	-	-	7	-	-
San Mateo	11	-	-	5	-	-
Santa Clara	18	3.8	2.2-6.5	18	3.5	2.0-5.6
Monterey Bay Area:	14	-	-	14	-	-
Monterey	9	-	-	11	-	-
San Benito	<5	-	-	<5	-	-
Santa Cruz	<5	-	-	<5	-	-
ASIAN/PACIFIC ISLANDER (non-Hispanic)						
SF Bay Area:	50	1.8	1.4-2.5	33	1.0	0.7-1.4
Alameda	9	-	-	12	-	-
Contra Costa	<5	-	-	<5	-	-
Marin	<5	-	-	<5	-	-
San Francisco	15	2.1	1.1-3.6	8	-	-
San Mateo	5	-	-	<5	-	-
Santa Clara	18	2.2	1.3-3.8	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.