

# SECTION XXXI

**Table XXXI-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Urinary Bladder Cancer**

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>All Races</b>												
1988	4,956	3,697	1,259	21.7	38.8	9.6	925	628	297	4.3	7.5	2.3
1989	4,890	3,655	1,235	21.0	37.9	9.3	969	658	311	4.4	7.6	2.3
1990	5,115	3,824	1,291	21.1	38.0	9.4	959	678	281	4.2	7.7	2.0
1991	5,186	3,824	1,362	21.0	37.2	9.6	993	669	324	4.2	7.3	2.3
1992	5,162	3,886	1,276	20.2	36.4	8.8	994	701	293	4.1	7.3	2.0
1993	5,217	3,914	1,303	20.2	36.4	8.8	1,017	699	318	4.1	7.2	2.1
1994	5,262	3,964	1,298	20.0	36.1	8.6	1,089	725	364	4.3	7.4	2.4
1995	5,179	3,860	1,319	19.4	34.2	8.6	1,057	743	314	4.1	7.3	2.0
1996	5,357	4,037	1,320	19.6	35.1	8.5	1,046	720	326	3.9	6.9	2.1
1997	5,376	3,972	1,404	19.2	33.6	8.8	1,162	792	370	4.3	7.5	2.3
1998	5,452	4,128	1,324	19.1	34.2	8.1	1,142	792	350	4.1	7.1	2.1
1999	5,415	4,089	1,326	18.5	32.7	8.0	1,176	807	369	4.1	7.0	2.2
<b>Asian/Pacific Islander</b>												
1988	133	98	35	10.4	16.5	5.1	29	20	9	3.0	4.6	-
1989	138	108	30	9.3	16.4	3.5	24	18	6	2.3	3.6	-
1990	152	116	36	9.8	16.0	4.7	28	18	10	2.1	2.8	-
1991	133	92	41	7.7	11.7	4.4	27	15	12	1.6	2.1	-
1992	175	131	44	9.6	15.6	4.7	32	20	12	2.1	2.7	-
1993	194	153	41	10.3	18.1	4.0	34	24	10	2.1	3.1	-
1994	203	156	47	10.0	17.2	4.2	33	20	13	1.8	2.5	-
1995	190	144	46	8.6	14.8	3.7	45	29	16	2.3	3.4	1.5
1996	216	165	51	9.2	15.6	4.0	26	16	10	1.2	1.6	-
1997	228	155	73	9.0	13.8	5.3	47	32	15	2.1	3.1	1.2
1998	225	167	58	8.5	14.3	3.9	60	47	13	2.4	4.3	-
1999	243	195	48	8.6	15.6	3.0	45	29	16	1.7	2.5	1.1
<b>Black</b>												
1988	159	113	46	13.4	23.6	6.6	44	21	23	3.7	4.3	3.3
1989	163	109	54	13.6	22.9	7.7	65	39	26	6.0	9.8	3.9
1990	179	123	56	14.0	21.9	8.0	55	34	21	4.7	7.0	3.1
1991	178	115	63	14.5	23.5	8.7	57	30	27	4.7	6.6	3.6
1992	166	100	66	12.3	17.7	8.5	47	30	17	4.0	6.9	2.4
1993	172	115	57	12.7	20.6	7.4	61	33	28	4.9	7.0	3.7
1994	172	114	58	12.5	19.8	7.3	55	25	30	4.5	5.5	4.0
1995	181	121	60	13.0	20.8	7.5	53	25	28	4.2	5.9	3.5
1996	165	99	66	11.7	17.1	8.0	68	45	23	5.0	8.4	2.9
1997	190	118	72	12.9	20.3	8.3	61	30	31	4.3	5.5	3.6
1998	186	122	64	12.2	19.6	7.2	52	26	26	3.6	4.8	2.9
1999	183	124	59	11.7	19.0	6.6	72	40	32	5.1	7.3	3.7

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.  
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.  
 Note: Includes *in situ* bladder cancers. Rates based on fewer than 15 cases or deaths are not shown.  
 Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

# URINARY BLADDER CANCER

**Table XXXI-1. Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-1999, Urinary Bladder Cancer (continued)**

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>Hispanic</b>												
1988	329	243	86	13.2	23.1	6.2	45	31	14	2.4	4.2	-
1989	299	212	87	11.8	19.6	6.2	49	29	20	2.2	3.1	1.6
1990	315	238	77	11.4	20.6	5.0	46	33	13	2.0	3.6	-
1991	322	242	80	11.2	20.2	4.9	67	44	23	2.7	4.3	1.6
1992	348	254	94	11.0	18.8	5.3	40	30	10	1.5	2.8	-
1993	349	251	98	10.7	18.2	5.2	60	40	20	2.2	3.7	1.2
1994	382	282	100	11.1	19.1	5.3	70	46	24	2.2	3.4	1.3
1995	365	273	92	10.2	17.7	4.6	74	50	24	2.3	3.9	1.3
1996	361	268	93	9.4	16.0	4.5	70	52	18	2.1	3.7	0.9
1997	371	262	109	9.3	15.0	4.9	73	43	30	2.0	3.2	1.4
1998	357	262	95	8.3	14.2	4.0	75	52	23	1.9	3.2	1.0
1999	387	297	90	8.6	15.3	3.5	97	65	32	2.3	3.6	1.4
<b>Non-Hispanic White</b>												
1988	4,295	3,213	1,082	24.4	43.8	10.7	807	556	251	4.7	8.4	2.4
1989	4,251	3,195	1,056	23.9	43.3	10.3	831	572	259	4.7	8.4	2.4
1990	4,419	3,310	1,109	24.1	43.5	10.5	830	593	237	4.6	8.7	2.2
1991	4,517	3,351	1,166	24.2	43.2	10.9	841	579	262	4.6	8.3	2.4
1992	4,420	3,362	1,058	23.3	42.3	9.9	875	621	254	4.7	8.5	2.2
1993	4,424	3,334	1,090	23.2	42.1	9.9	861	601	260	4.5	8.2	2.3
1994	4,440	3,367	1,073	23.1	42.2	9.7	931	634	297	4.9	8.8	2.6
1995	4,372	3,273	1,099	22.7	40.2	9.9	884	638	246	4.6	8.5	2.1
1996	4,526	3,442	1,084	23.3	42.0	9.9	881	607	274	4.5	8.0	2.3
1997	4,524	3,389	1,135	23.0	40.7	10.2	980	686	294	5.0	9.0	2.5
1998	4,613	3,517	1,096	23.1	41.6	9.6	954	667	287	4.7	8.5	2.4
1999	4,518	3,408	1,110	22.3	39.4	9.7	959	670	289	4.7	8.3	2.4

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.  
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.  
 Note: Includes *in situ* bladder cancers. Rates based on fewer than 15 cases or deaths are not shown.  
 Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

# SECTION XXXI

**Table XXXI-2. Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 1995-1999, Urinary Bladder Cancer**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>All Races</b>												
00 - 04	7	4	3	0	0	0	0	0	0	0	0	0
05 - 09	4	4	0	0	0	0	1	0	1	0	0	0
10 - 14	3	3	0	0	0	0	0	0	0	0	0	0
15 - 19	13	8	5	0	0	0	0	0	0	0	0	0
20 - 24	21	14	7	0	0	0	0	0	0	0	0	0
25 - 29	46	31	15	0	0	0	1	0	1	0	0	0
30 - 34	98	74	24	1	1	0	3	3	0	0	0	0
35 - 39	222	155	67	2	2	1	20	14	6	0	0	0
40 - 44	402	290	112	3	4	2	46	31	15	0	0	0
45 - 49	725	589	136	7	11	2	73	54	19	1	1	0
50 - 54	1,191	927	264	14	21	6	132	92	40	2	2	1
55 - 59	1,805	1,388	417	27	42	12	183	130	53	3	4	2
60 - 64	2,531	1,972	559	46	74	19	348	258	90	6	10	3
65 - 69	3,775	2,919	856	74	123	32	539	391	148	11	17	5
70 - 74	4,699	3,563	1,136	101	174	43	896	654	242	19	32	9
75 - 79	4,904	3,732	1,172	135	246	56	1,008	725	283	28	48	13
80 - 84	3,558	2,593	965	150	287	66	1,078	732	346	45	81	24
85 +	2,775	1,820	955	142	304	71	1,255	770	485	64	129	36
Total/Crude	26,779	20,086	6,693	16	24	8	5,583	3,854	1,729	3	5	2
<b>Asian/Pacific Islander</b>												
00 - 04	0	0	0	0	0	0	0	0	0	0	0	0
05 - 09	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	2	2	0	0	0	0	0	0	0	0	0	0
20 - 24	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	2	2	0	0	0	0	0	0	0	0	0	0
30 - 34	11	11	0	1	1	0	0	0	0	0	0	0
35 - 39	13	8	5	1	1	1	0	0	0	0	0	0
40 - 44	18	12	6	1	2	1	5	3	2	0	0	0
45 - 49	33	30	3	3	5	0	6	4	2	0	1	0
50 - 54	47	39	8	5	9	2	5	3	2	1	1	0
55 - 59	76	59	17	11	17	5	9	7	2	1	2	1
60 - 64	108	85	23	19	32	7	23	18	5	4	7	2
65 - 69	153	112	41	31	51	15	19	12	7	4	5	2
70 - 74	233	162	71	55	88	29	36	27	9	8	15	4
75 - 79	190	150	40	63	115	23	37	26	11	12	20	6
80 - 84	118	83	35	66	109	34	40	27	13	23	35	13
85 +	98	71	27	71	119	35	43	26	17	31	44	22
Total/Crude	1,102	826	276	6	9	3	223	153	70	1	2	1
<b>Black</b>												
00 - 04	2	0	2	0	0	0	0	0	0	0	0	0
05 - 09	1	1	0	0	0	0	1	0	1	0	0	0
10 - 14	1	1	0	0	0	0	0	0	0	0	0	0
15 - 19	1	0	1	0	0	0	0	0	0	0	0	0
20 - 24	1	1	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	3	2	1	0	0	0	0	0	0	0	0	0
35 - 39	6	3	3	1	1	1	1	1	0	0	0	0
40 - 44	20	17	3	2	4	1	6	4	2	1	1	0
45 - 49	41	32	9	6	9	2	8	3	5	1	1	1
50 - 54	44	30	14	8	12	5	8	5	3	1	2	1
55 - 59	75	53	22	17	26	10	16	8	8	4	4	3
60 - 64	116	89	27	33	54	14	26	18	8	7	11	4
65 - 69	109	76	33	39	62	21	34	21	13	12	17	8
70 - 74	156	89	67	66	90	48	56	26	30	24	26	22
75 - 79	133	85	48	77	127	45	52	30	22	30	45	21
80 - 84	102	61	41	95	165	59	45	24	21	42	65	30
85 +	94	44	50	112	179	85	53	26	27	63	106	46
Total/Crude	905	584	321	8	10	6	306	166	140	3	3	2

(Table Continues)

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.  
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.  
 Note: Includes *in situ* bladder cancers. Race/ethnicity categories are mutually exclusive.  
 Persons of Hispanic ethnicity may be of any race.

# URINARY BLADDER CANCER

**Table XXXI-2. Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 1995-1999, Urinary Bladder Cancer (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 1995-99			Annual Rate			Deaths 1995-99			Annual Rate		
	Total	Male	Female	T	M	F	Total	Male	Female	T	M	F
<b>Hispanic</b>												
00 - 04	2	2	0	0	0	0	0	0	0	0	0	0
05 - 09	1	1	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	4	3	1	0	0	0	0	0	0	0	0	0
20 - 24	4	3	1	0	0	0	0	0	0	0	0	0
25 - 29	11	6	5	0	0	0	0	0	0	0	0	0
30 - 34	19	14	5	0	1	0	1	1	0	0	0	0
35 - 39	37	30	7	1	1	0	4	3	1	0	0	0
40 - 44	56	36	20	2	2	1	8	5	3	0	0	0
45 - 49	70	46	24	3	4	2	6	3	3	0	0	0
50 - 54	94	79	15	6	10	2	17	8	9	1	1	1
55 - 59	153	121	32	13	20	5	16	13	3	1	2	0
60 - 64	195	163	32	20	35	6	29	23	6	3	5	1
65 - 69	261	198	63	32	53	14	47	34	13	6	9	3
70 - 74	297	217	80	47	77	23	67	44	23	11	16	7
75 - 79	279	210	69	68	122	29	69	52	17	17	30	7
80 - 84	189	131	58	75	139	37	54	35	19	22	37	12
85 +	169	102	67	71	124	43	71	41	30	30	50	19
Total/Crude	1,841	1,362	479	4	5	2	389	262	127	1	1	1
<b>Non-Hispanic White</b>												
00 - 04	3	2	1	0	0	0	0	0	0	0	0	0
05 - 09	2	2	0	0	0	0	0	0	0	0	0	0
10 - 14	2	2	0	0	0	0	0	0	0	0	0	0
15 - 19	6	3	3	0	0	0	0	0	0	0	0	0
20 - 24	16	10	6	0	0	0	0	0	0	0	0	0
25 - 29	31	22	9	1	1	0	1	0	1	0	0	0
30 - 34	64	47	17	1	1	1	2	2	0	0	0	0
35 - 39	158	110	48	2	3	1	15	10	5	0	0	0
40 - 44	300	220	80	4	6	2	26	18	8	0	0	0
45 - 49	576	476	100	9	14	3	53	44	9	1	1	0
50 - 54	983	761	222	18	27	8	101	76	25	2	3	1
55 - 59	1,473	1,131	342	34	53	16	142	102	40	3	5	2
60 - 64	2,071	1,600	471	57	91	25	268	198	70	7	11	4
65 - 69	3,202	2,494	708	93	153	39	437	322	115	13	20	6
70 - 74	3,940	3,045	895	118	206	48	737	557	180	22	38	10
75 - 79	4,233	3,235	998	155	283	63	849	616	233	31	54	15
80 - 84	3,106	2,284	822	170	330	72	939	646	293	51	93	26
85 +	2,387	1,585	802	161	371	76	1,088	677	411	73	158	39
Total/Crude	22,553	17,029	5,524	26	40	13	4,658	3,268	1,390	5	8	3

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.  
 Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.  
 Note: Includes *in situ* bladder cancers. Race/ethnicity categories are mutually exclusive.  
 Persons of Hispanic ethnicity may be of any race.

# SECTION XXXI

**Table XXXI-3. Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in Remaining Lifetime, Assuming Cancer Free at Current Age, and Lifetime Risk of Being Diagnosed with or Dying of Cancer by Race/Ethnicity and Sex, Urinary Bladder Cancer**

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
<b>All Races</b>								
0	0.00	0.00	0.00	3.40	0.00	0.00	0.00	1.08
25	0.01	0.04	0.19	3.47	0.00	0.02	0.06	1.09
35	0.03	0.18	0.67	3.52	0.01	0.05	0.20	1.09
45	0.15	0.66	1.74	3.58	0.04	0.19	0.49	1.10
55	0.53	1.67	2.98	3.60	0.15	0.46	0.84	1.09
65	1.28	2.75	-	3.45	0.34	0.74	-	1.01
Lifetime Risk of Being Diagnosed = 3.40 %				Lifetime Risk of Being Diagnosed = 1.08 %				
Lifetime Risk of Dying of Cancer = 0.77 %				Lifetime Risk of Dying of Cancer = 0.32 %				
<b>Asian/Pacific Islander</b>								
0	0.00	0.00	0.00	1.96	0.00	0.00	0.00	0.70
25	0.01	0.02	0.09	1.98	0.00	0.01	0.02	0.71
35	0.01	0.08	0.30	1.99	0.01	0.02	0.07	0.71
45	0.07	0.29	0.85	2.00	0.01	0.07	0.26	0.71
55	0.23	0.81	1.49	1.99	0.06	0.25	0.46	0.71
65	0.62	1.36	-	1.91	0.20	0.42	-	0.69
Lifetime Risk of Being Diagnosed = 1.96 %				Lifetime Risk of Being Diagnosed = 0.70 %				
Lifetime Risk of Dying of Cancer = 0.46 %				Lifetime Risk of Dying of Cancer = 0.26 %				
<b>Black</b>								
0	0.00	0.00	0.00	1.39	0.00	0.00	0.00	0.79
25	0.00	0.02	0.12	1.44	0.00	0.01	0.04	0.81
35	0.02	0.12	0.42	1.48	0.01	0.04	0.14	0.82
45	0.10	0.42	0.87	1.54	0.03	0.14	0.38	0.83
55	0.36	0.86	1.36	1.60	0.11	0.37	0.63	0.85
65	0.61	1.24	-	1.53	0.29	0.59	-	0.84
Lifetime Risk of Being Diagnosed = 1.39 %				Lifetime Risk of Being Diagnosed = 0.79 %				
Lifetime Risk of Dying of Cancer = 0.45 %				Lifetime Risk of Dying of Cancer = 0.37 %				
<b>Hispanic</b>								
0	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.70
25	0.00	0.02	0.08	1.95	0.00	0.01	0.03	0.71
35	0.02	0.08	0.33	1.97	0.01	0.03	0.08	0.71
45	0.07	0.32	0.81	2.00	0.02	0.07	0.23	0.71
55	0.26	0.78	1.51	2.03	0.06	0.22	0.44	0.71
65	0.57	1.38	-	1.95	0.17	0.41	-	0.69
Lifetime Risk of Being Diagnosed = 1.90 %				Lifetime Risk of Being Diagnosed = 0.70 %				
Lifetime Risk of Dying of Cancer = 0.49 %				Lifetime Risk of Dying of Cancer = 0.23 %				
<b>Non-Hispanic White</b>								
0	0.00	0.00	0.01	4.03	0.00	0.00	0.00	1.23
25	0.01	0.05	0.25	4.09	0.00	0.02	0.07	1.24
35	0.04	0.24	0.86	4.14	0.02	0.07	0.26	1.25
45	0.20	0.84	2.16	4.20	0.05	0.24	0.60	1.24
55	0.67	2.07	3.56	4.21	0.20	0.56	0.98	1.23
65	1.57	3.25	-	3.99	0.40	0.85	-	1.11
Lifetime Risk of Being Diagnosed = 4.03 %				Lifetime Risk of Being Diagnosed = 1.23 %				
Lifetime Risk of Dying of Cancer = 0.86 %				Lifetime Risk of Dying of Cancer = 0.33 %				

Prepared by the California Department of Health Services (CDHS), Cancer Surveillance Section.

Source: California Cancer Registry (08/01) and CDHS Center for Health Statistics Death Master Files.

Note: Based on average annual age-specific cancer incidence and mortality rates in California, 1995-1999. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.