

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2014, Kidney and Renal Pelvis Cancer

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
1988	2,289	1,421	868	9.7	13.8	6.6	886	562	324	3.8	5.8	2.5
1989	2,249	1,394	855	9.2	13.2	6.3	849	515	334	3.6	5.1	2.5
1990	2,433	1,499	934	9.8	13.7	6.7	903	556	347	3.7	5.4	2.5
1991	2,493	1,554	939	9.9	14.0	6.7	950	569	381	3.8	5.4	2.7
1992	2,531	1,576	955	9.9	14.0	6.8	940	588	352	3.8	5.5	2.5
1993	2,551	1,593	958	9.7	13.6	6.6	936	602	334	3.7	5.4	2.3
1994	2,519	1,534	985	9.6	13.2	6.7	1,009	627	382	3.9	5.7	2.6
1995	2,626	1,609	1,017	9.8	13.5	6.8	987	599	388	3.7	5.3	2.6
1996	2,765	1,706	1,059	10.1	14.1	7.0	1,042	664	378	3.9	5.8	2.5
1997	2,882	1,791	1,091	10.3	14.4	7.1	1,046	652	394	3.8	5.5	2.5
1998	2,972	1,909	1,063	10.4	14.9	6.8	1,072	690	382	3.8	5.6	2.4
1999	3,085	1,907	1,178	10.5	14.5	7.3	1,088	681	407	3.8	5.5	2.5
2000	3,158	1,988	1,170	10.5	14.8	7.1	1,092	708	384	3.7	5.6	2.3
2001	3,370	2,105	1,265	11.0	15.3	7.6	1,146	714	432	3.8	5.4	2.6
2002	3,610	2,320	1,290	11.5	16.4	7.6	1,107	686	421	3.6	5.1	2.4
2003	3,936	2,443	1,493	12.3	16.7	8.6	1,174	761	413	3.7	5.5	2.4
2004	4,086	2,609	1,477	12.5	17.6	8.4	1,185	739	446	3.7	5.3	2.5
2005	4,321	2,793	1,528	13.0	18.5	8.5	1,213	758	455	3.7	5.3	2.5
2006	4,493	2,822	1,671	13.3	18.3	9.2	1,167	754	413	3.5	5.2	2.2
2007	4,685	2,966	1,719	13.6	18.8	9.2	1,229	798	431	3.7	5.4	2.3
2008	5,174	3,263	1,911	14.6	20.0	10.1	1,212	783	429	3.5	5.1	2.2
2009	5,317	3,403	1,914	14.7	20.5	9.9	1,250	804	446	3.5	5.1	2.3
2010	5,300	3,374	1,926	14.3	19.6	9.7	1,224	795	429	3.3	4.9	2.1
2011	5,413	3,443	1,970	14.2	19.4	9.7	1,336	857	479	3.5	5.1	2.3
2012	5,512	3,506	2,006	14.1	19.4	9.6	1,394	888	506	3.6	5.2	2.4
2013	5,721	3,721	2,000	14.2	19.9	9.3	1,350	898	452	3.4	5.1	2.1
2014	5,758	3,717	2,041	13.9	19.2	9.3	1,398	947	451	3.4	5.2	2.0
ASIAN/PACIFIC ISLANDER												
1988	88	56	32	5.6	7.8	3.7	31	20	11	2.3	3.6	-
1989	75	44	31	4.6	6.0	3.6	17	10	7	1.1	-	-
1990	89	60	29	5.2	7.3	3.4	25	16	9	1.8	2.5	-
1991	94	51	43	4.7	5.4	4.1	29	16	13	1.6	1.7	-
1992	122	78	44	5.6	7.9	3.7	35	26	9	1.6	2.7	-
1993	109	76	33	4.6	7.1	2.6	34	20	14	1.7	2.0	-
1994	108	64	44	4.9	6.4	3.6	46	25	21	2.0	2.4	1.8
1995	152	86	66	6.1	7.7	4.9	32	25	7	1.4	2.4	-
1996	140	99	41	5.2	8.4	2.8	55	37	18	2.3	3.3	1.4
1997	158	96	62	5.7	8.1	3.9	48	37	11	1.8	3.1	-
1998	181	127	54	6.1	9.7	3.2	52	31	21	2.0	2.7	1.4
1999	174	105	69	5.5	7.6	4.0	60	42	18	2.1	3.3	1.2
2000	193	119	74	5.8	8.1	3.9	68	48	20	2.2	3.5	1.2
2001	195	109	86	5.5	6.7	4.5	66	43	23	2.0	2.8	1.3
2002	218	130	88	5.8	7.9	4.2	57	35	22	1.6	2.3	1.1
2003	269	169	100	7.0	10.0	4.6	73	47	26	2.0	2.9	1.3
2004	247	157	90	6.1	8.9	4.0	55	32	23	1.5	2.0	1.1
2005	295	178	117	6.9	9.3	5.0	75	51	24	1.9	3.0	1.1
2006	320	198	122	7.2	10.0	5.0	78	49	29	1.8	2.6	1.3
2007	376	239	137	8.3	11.8	5.5	113	71	42	2.6	3.7	1.7
2008	415	263	152	8.5	12.0	5.7	101	56	45	2.2	2.9	1.7
2009	394	250	144	7.8	11.2	5.1	116	77	39	2.4	3.7	1.4
2010	432	280	152	8.2	12.1	5.2	108	72	36	2.1	3.2	1.2
2011	446	293	153	8.0	11.6	5.1	111	60	51	2.1	2.6	1.7
2012	459	299	160	8.0	11.7	5.1	118	76	42	2.1	3.2	1.3
2013	507	332	175	8.2	12.0	5.2	139	94	45	2.4	3.7	1.4
2014	514	308	206	8.1	10.8	5.9	134	83	51	2.2	3.1	1.5

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified. 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.

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2014, Kidney and Renal Pelvis Cancer (continued)

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
1988	156	98	58	11.1	16.3	7.3	58	36	22	4.3	6.3	2.9
1989	143	74	69	10.1	12.6	8.4	38	21	17	2.8	3.4	2.3
1990	170	96	74	11.7	14.9	9.1	52	32	20	3.8	5.8	2.4
1991	146	89	57	10.2	15.0	7.0	57	32	25	3.9	4.9	3.2
1992	169	111	58	11.6	17.7	7.2	57	36	21	4.1	5.9	2.7
1993	159	92	67	10.5	13.2	8.1	55	32	23	3.7	4.9	2.8
1994	194	124	70	12.6	17.9	8.2	60	34	26	4.0	5.5	3.1
1995	173	110	63	11.4	16.5	7.5	66	32	34	4.6	5.0	4.1
1996	170	104	66	10.7	15.6	7.2	72	46	26	4.9	8.1	2.9
1997	222	137	85	13.5	18.7	9.3	70	43	27	4.6	6.2	3.2
1998	204	130	74	12.3	18.1	8.0	60	43	17	3.7	6.3	1.9
1999	214	127	87	12.3	17.0	8.9	86	50	36	5.4	7.1	4.0
2000	217	139	78	12.3	17.8	8.0	68	44	24	4.3	7.1	2.6
2001	249	151	98	13.7	19.1	9.7	79	52	27	4.6	6.8	2.9
2002	273	165	108	14.6	19.8	10.7	66	39	27	3.9	6.0	2.7
2003	262	167	95	13.7	19.2	9.1	70	47	23	3.6	5.2	2.2
2004	299	194	105	15.6	23.2	10.0	87	51	36	4.9	6.7	3.6
2005	357	245	112	18.1	27.9	10.6	76	53	23	4.2	6.8	2.3
2006	298	190	108	14.9	20.7	10.1	65	47	18	3.3	5.6	1.7
2007	342	210	132	16.9	23.2	11.9	84	52	32	4.4	6.1	3.0
2008	391	247	144	18.5	25.3	13.0	73	43	30	3.7	4.9	2.8
2009	422	267	155	19.8	27.4	13.6	93	69	24	4.5	7.1	2.2
2010	405	260	145	17.7	24.6	12.0	62	42	20	3.1	4.8	1.9
2011	443	280	163	19.5	26.8	13.3	88	58	30	4.2	6.5	2.5
2012	381	246	135	16.3	23.3	10.7	77	49	28	3.5	4.8	2.3
2013	428	266	162	18.1	23.9	12.9	71	50	21	3.2	5.3	1.6
2014	435	268	167	17.6	23.6	12.6	93	64	29	4.0	6.3	2.3
HISPANIC												
1988	296	169	127	9.7	12.4	7.6	100	52	48	3.7	4.4	3.2
1989	299	187	112	9.0	12.7	6.2	92	58	34	3.2	4.5	2.2
1990	334	194	140	10.1	13.1	7.8	111	68	43	3.6	5.1	2.5
1991	373	226	147	10.5	15.2	7.1	139	90	49	4.5	6.9	2.8
1992	367	224	143	10.4	14.2	7.4	128	88	40	4.1	6.5	2.4
1993	413	251	162	10.9	14.4	7.9	120	81	39	3.6	5.4	2.2
1994	399	216	183	10.1	12.5	8.4	146	95	51	4.3	6.2	2.8
1995	425	252	173	10.5	14.8	7.5	152	85	67	4.4	5.9	3.4
1996	411	226	185	10.1	12.9	8.0	148	88	60	4.0	5.9	2.7
1997	456	251	205	10.5	12.7	8.6	171	104	67	4.4	6.2	3.1
1998	532	327	205	11.8	16.7	8.1	176	114	62	4.4	6.5	2.8
1999	591	353	238	12.1	16.0	9.0	203	127	76	4.7	6.5	3.2
2000	571	338	233	11.1	14.7	8.2	184	116	68	4.1	5.8	2.8
2001	671	383	288	12.3	16.0	9.5	200	119	81	4.2	5.6	3.1
2002	692	436	256	12.4	17.4	8.5	213	134	79	4.3	5.9	2.9
2003	807	467	340	13.3	17.1	10.4	225	132	93	4.3	5.6	3.3
2004	877	538	339	14.1	19.6	9.8	251	158	93	4.7	6.7	3.2
2005	919	565	354	14.6	20.4	10.1	250	146	104	4.6	6.3	3.4
2006	992	601	391	14.4	19.7	10.2	233	140	93	3.9	5.4	2.8
2007	1,067	644	423	14.8	19.8	10.9	253	168	85	4.0	6.2	2.4
2008	1,278	789	489	16.8	23.1	11.7	276	176	100	4.2	6.1	2.8
2009	1,285	753	532	16.3	21.9	12.1	275	166	109	4.0	5.5	2.9
2010	1,254	747	507	15.0	19.8	11.1	282	176	106	3.9	5.5	2.7
2011	1,357	799	558	15.5	20.0	11.9	302	184	118	4.0	5.5	2.8
2012	1,442	825	617	15.5	19.6	12.3	344	207	137	4.2	5.6	3.1
2013	1,532	955	577	15.8	21.4	11.1	308	194	114	3.5	5.0	2.4
2014	1,623	1,001	622	16.1	21.6	11.5	360	242	118	4.0	5.8	2.6

(Table Continues)

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Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2014, Kidney and Renal Pelvis Cancer (continued)

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
1988	1,739	1,094	645	10.0	14.3	6.7	697	454	243	4.0	6.2	2.5
1989	1,705	1,073	632	9.6	13.9	6.5	701	426	275	3.9	5.7	2.7
1990	1,826	1,140	686	10.1	14.4	6.8	713	440	273	4.0	5.7	2.7
1991	1,863	1,175	688	10.3	14.6	6.8	722	430	292	4.0	5.5	2.8
1992	1,856	1,152	704	10.2	14.4	6.9	716	434	282	3.9	5.6	2.7
1993	1,850	1,161	689	10.1	14.1	6.8	722	466	256	3.9	5.8	2.4
1994	1,797	1,117	680	9.8	13.7	6.8	755	473	282	4.1	6.0	2.7
1995	1,855	1,151	704	10.0	13.9	6.9	733	455	278	3.9	5.6	2.6
1996	2,021	1,264	757	10.9	15.2	7.5	764	491	273	4.0	6.0	2.5
1997	2,020	1,290	730	10.7	15.2	7.1	751	463	288	3.9	5.6	2.7
1998	2,033	1,313	720	10.7	15.3	6.9	777	499	278	4.0	5.8	2.6
1999	2,088	1,310	778	10.8	15.0	7.4	728	457	271	3.7	5.3	2.4
2000	2,148	1,373	775	11.0	15.6	7.3	766	497	269	3.8	5.7	2.4
2001	2,229	1,449	780	11.4	16.3	7.2	793	494	299	3.9	5.6	2.6
2002	2,394	1,570	824	12.1	17.4	7.7	769	476	293	3.8	5.4	2.5
2003	2,563	1,622	941	12.8	17.7	8.7	801	533	268	3.9	5.9	2.3
2004	2,624	1,694	930	13.0	18.3	8.5	778	489	289	3.8	5.4	2.5
2005	2,693	1,770	923	13.4	19.0	8.6	796	497	299	3.8	5.4	2.6
2006	2,831	1,804	1,027	14.0	19.3	9.5	786	516	270	3.7	5.6	2.3
2007	2,849	1,841	1,008	14.0	19.4	9.3	773	504	269	3.7	5.4	2.3
2008	3,028	1,936	1,092	14.8	20.3	10.0	757	505	252	3.5	5.3	2.1
2009	3,162	2,097	1,065	15.2	21.6	9.7	754	482	272	3.5	5.0	2.3
2010	3,137	2,040	1,097	15.1	20.8	10.0	762	500	262	3.4	5.0	2.1
2011	3,101	2,023	1,078	14.6	20.2	9.8	824	548	276	3.7	5.4	2.2
2012	3,159	2,088	1,071	14.9	20.8	9.6	844	549	295	3.7	5.4	2.4
2013	3,172	2,124	1,048	14.6	20.6	9.2	818	550	268	3.6	5.3	2.2
2014	3,088	2,078	1,010	13.9	19.7	8.7	791	546	245	3.4	5.2	1.9

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Note: In situ cancers are excluded, unless specified. 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.

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, 2010-2014, Kidney and Renal Pelvis Cancer

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	221	103	118	1.8	1.6	1.9	11	7	4	0.1	0.1	0.1
05 - 09	63	23	40	0.5	0.4	0.7	12	6	6	0.1	0.1	0.1
10 - 14	17	5	12	0.1	0.1	0.2	4	3	1	0.0	0.1	0.0
15 - 19	27	13	14	0.2	0.2	0.2	6	5	1	0.0	0.1	0.0
20 - 24	64	35	29	0.4	0.5	0.4	7	4	3	0.1	0.1	0.0
25 - 29	132	64	68	0.9	0.9	1.0	10	6	4	0.1	0.1	0.1
30 - 34	343	220	123	2.5	3.2	1.9	19	11	8	0.1	0.2	0.1
35 - 39	567	349	218	4.5	5.5	3.4	42	26	16	0.3	0.4	0.3
40 - 44	1,060	679	381	8.1	10.3	5.8	89	58	31	0.7	0.9	0.5
45 - 49	1,649	1,121	528	12.6	17.1	8.0	220	174	46	1.7	2.7	0.7
50 - 54	2,511	1,652	859	19.2	25.5	13.0	393	281	112	3.0	4.3	1.7
55 - 59	3,365	2,298	1,067	28.7	40.3	17.7	607	443	164	5.2	7.8	2.7
60 - 64	3,959	2,616	1,343	40.3	55.6	26.2	817	578	239	8.3	12.3	4.7
65 - 69	4,153	2,748	1,405	55.9	78.7	35.7	859	611	248	11.6	17.5	6.3
70 - 74	3,335	2,158	1,177	62.5	88.5	40.7	868	580	288	16.3	23.8	10.0
75 - 79	2,595	1,607	988	64.8	90.9	44.1	821	507	314	20.5	28.7	14.0
80 - 84	1,938	1,157	781	63.1	90.4	43.6	836	496	340	27.2	38.8	19.0
85 +	1,705	913	792	52.6	79.3	37.8	1,081	589	492	33.3	51.1	23.5
Total/Crude	27,704	17,761	9,943	14.6	18.8	10.4	6,702	4,385	2,317	3.5	4.6	2.4
ASIAN/PACIFIC ISLANDER												
00 - 04	18	7	11	1.2	0.9	1.5	2	1	1	0.1	0.1	0.1
05 - 09	4	0	4	0.3	0.0	0.5	0	0	0	0.0	0.0	0.0
10 - 14	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
15 - 19	1	1	0	0.1	0.1	0.0	1	1	0	0.1	0.1	0.0
20 - 24	4	3	1	0.2	0.3	0.1	1	1	0	0.1	0.1	0.0
25 - 29	10	2	8	0.5	0.2	0.7	2	1	1	0.1	0.1	0.1
30 - 34	28	21	7	1.3	2.1	0.6	3	0	3	0.1	0.0	0.3
35 - 39	58	42	16	2.7	4.2	1.4	10	4	6	0.5	0.4	0.5
40 - 44	97	64	33	4.5	6.5	2.9	19	14	5	0.9	1.4	0.4
45 - 49	144	100	44	7.2	10.7	4.1	28	20	8	1.4	2.1	0.7
50 - 54	215	153	62	11.0	17.1	5.9	39	28	11	2.0	3.1	1.1
55 - 59	302	204	98	17.0	25.4	10.1	51	37	14	2.9	4.6	1.4
60 - 64	323	216	107	21.5	32.0	12.9	80	57	23	5.3	8.4	2.8
65 - 69	340	226	114	31.4	46.5	19.1	67	43	24	6.2	8.9	4.0
70 - 74	263	169	94	32.7	47.3	21.0	71	44	27	8.8	12.3	6.0
75 - 79	224	126	98	36.7	48.4	28.0	70	45	25	11.5	17.3	7.1
80 - 84	178	100	78	40.6	56.7	29.8	68	38	30	15.5	21.6	11.5
85 +	148	78	70	36.2	51.3	27.3	98	51	47	24.0	33.5	18.3
Total/Crude	2,358	1,512	846	8.6	11.6	5.9	610	385	225	2.2	3.0	1.6

(Table Continues)

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 Note: In situ cancers are excluded, unless specified.
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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, 2010-2014, Kidney and Renal Pelvis Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK												
00 - 04	17	7	10	2.2	1.8	2.6	3	1	2	0.4	0.3	0.5
05 - 09	8	2	6	1.0	0.5	1.6	2	1	1	0.3	0.3	0.3
10 - 14	1	1	0	0.1	0.2	0.0	2	2	0	0.2	0.5	0.0
15 - 19	6	4	2	0.6	0.8	0.4	2	2	0	0.2	0.4	0.0
20 - 24	7	5	2	0.7	0.9	0.4	2	1	1	0.2	0.2	0.2
25 - 29	10	6	4	1.1	1.3	0.9	0	0	0	0.0	0.0	0.0
30 - 34	19	14	5	2.4	3.4	1.3	1	1	0	0.1	0.2	0.0
35 - 39	35	23	12	4.7	6.2	3.2	6	6	0	0.8	1.6	0.0
40 - 44	79	54	25	9.8	13.4	6.2	8	6	2	1.0	1.5	0.5
45 - 49	165	108	57	19.0	25.0	13.0	12	8	4	1.4	1.9	0.9
50 - 54	225	153	72	25.3	34.8	16.0	29	22	7	3.3	5.0	1.6
55 - 59	311	223	88	41.3	61.0	22.7	42	29	13	5.6	7.9	3.4
60 - 64	334	212	122	56.8	77.2	38.9	47	31	16	8.0	11.3	5.1
65 - 69	316	193	123	76.3	103.7	53.9	62	47	15	15.0	25.3	6.6
70 - 74	226	135	91	73.6	100.6	52.7	52	38	14	16.9	28.3	8.1
75 - 79	149	89	60	66.3	92.6	46.7	44	26	18	19.6	27.1	14.0
80 - 84	114	66	48	79.1	119.3	54.1	36	20	16	25.0	36.2	18.0
85 +	70	25	45	49.7	56.1	46.7	41	22	19	29.1	49.4	19.7
Total/Crude	2,092	1,320	772	17.5	22.3	12.8	391	263	128	3.3	4.5	2.1
HISPANIC												
00 - 04	102	44	58	1.5	1.3	1.8	4	3	1	0.1	0.1	0.0
05 - 09	22	11	11	0.3	0.3	0.3	7	4	3	0.1	0.1	0.1
10 - 14	8	1	7	0.1	0.0	0.2	2	1	1	0.0	0.0	0.0
15 - 19	10	4	6	0.2	0.1	0.2	2	2	0	0.0	0.1	0.0
20 - 24	30	14	16	0.5	0.4	0.5	4	2	2	0.1	0.1	0.1
25 - 29	50	23	27	0.8	0.7	1.0	3	1	2	0.1	0.0	0.1
30 - 34	142	85	57	2.5	2.9	2.1	8	4	4	0.1	0.1	0.1
35 - 39	258	148	110	4.8	5.5	4.2	17	11	6	0.3	0.4	0.2
40 - 44	428	260	168	8.4	10.0	6.7	40	21	19	0.8	0.8	0.8
45 - 49	584	376	208	12.9	16.4	9.4	93	73	20	2.1	3.2	0.9
50 - 54	801	492	309	21.1	26.1	16.2	128	84	44	3.4	4.5	2.3
55 - 59	948	604	344	32.1	42.3	22.6	183	123	60	6.2	8.6	3.9
60 - 64	983	613	370	46.1	61.0	32.9	229	158	71	10.7	15.7	6.3
65 - 69	937	561	376	63.6	83.9	46.7	202	139	63	13.7	20.8	7.8
70 - 74	730	425	305	71.0	95.1	52.5	195	113	82	19.0	25.3	14.1
75 - 79	556	331	225	74.3	105.6	51.7	166	102	64	22.2	32.5	14.7
80 - 84	373	208	165	69.9	97.0	51.6	162	84	78	30.3	39.2	24.4
85 +	246	127	119	53.2	75.1	40.5	151	78	73	32.6	46.1	24.9
Total/Crude	7,208	4,327	2,881	9.9	11.8	8.0	1,596	1,003	593	2.2	2.7	1.7

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.

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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, 2010-2014, Kidney and Renal Pelvis Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2010-2014			Annual Rate			Deaths 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
00 - 04	80	42	38	2.3	2.3	2.2	2	2	0	0.1	0.1	0.0
05 - 09	27	9	18	0.7	0.5	1.0	3	1	2	0.1	0.1	0.1
10 - 14	7	3	4	0.2	0.2	0.2	0	0	0	0.0	0.0	0.0
15 - 19	9	3	6	0.2	0.1	0.3	1	0	1	0.0	0.0	0.1
20 - 24	21	12	9	0.4	0.5	0.4	0	0	0	0.0	0.0	0.0
25 - 29	60	32	28	1.2	1.2	1.2	5	4	1	0.1	0.2	0.0
30 - 34	146	97	49	3.1	3.9	2.1	7	6	1	0.2	0.2	0.0
35 - 39	200	128	72	4.5	5.6	3.4	9	5	4	0.2	0.2	0.2
40 - 44	441	289	152	8.8	11.2	6.2	22	17	5	0.4	0.7	0.2
45 - 49	728	516	212	12.9	18.0	7.6	87	73	14	1.5	2.5	0.5
50 - 54	1,224	828	396	19.1	25.7	12.5	193	145	48	3.0	4.5	1.5
55 - 59	1,750	1,232	518	28.3	40.1	16.7	321	246	75	5.2	8.0	2.4
60 - 64	2,258	1,533	725	40.8	56.4	25.7	452	325	127	8.2	12.0	4.5
65 - 69	2,491	1,723	768	56.4	80.9	33.6	517	376	141	11.7	17.6	6.2
70 - 74	2,083	1,409	674	65.9	94.9	40.2	544	383	161	17.2	25.8	9.6
75 - 79	1,643	1,049	594	68.3	96.2	45.2	530	326	204	22.0	29.9	15.5
80 - 84	1,259	773	486	64.8	93.3	43.5	559	349	210	28.8	42.1	18.8
85 +	1,230	675	555	55.4	86.3	38.6	787	435	352	35.4	55.6	24.5
Total/Crude	15,657	10,353	5,304	20.3	26.9	13.7	4,039	2,693	1,346	5.2	7.0	3.5

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in the Remaining Lifetime, Assuming Cancer Free at Current Age, and Lifetime Risk of Being Diagnosed with or Dying of Cancer by Race/Ethnicity and Sex, Kidney and Renal Pelvis Cancer

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.01	0.01	0.02	1.92	0.01	0.01	0.02	1.09
25	0.02	0.10	0.29	1.94	0.01	0.06	0.16	1.09
35	0.08	0.27	0.68	1.94	0.04	0.14	0.34	1.08
45	0.20	0.61	1.19	1.89	0.10	0.30	0.60	1.05
55	0.43	1.04	1.52	1.77	0.20	0.51	0.80	0.97
65	0.67	1.21	-	1.48	0.33	0.63	-	0.81
	Lifetime Risk of Being Diagnosed = 1.92%				Lifetime Risk of Being Diagnosed = 1.09%			
	Lifetime Risk of Dying of Cancer = 0.63%				Lifetime Risk of Dying of Cancer = 0.34%			
ASIAN/PACIFIC ISLANDER								
0	0.00	0.01	0.01	1.38	0.01	0.01	0.02	0.77
25	0.01	0.06	0.19	1.39	0.01	0.03	0.08	0.76
35	0.05	0.18	0.44	1.39	0.02	0.07	0.18	0.76
45	0.13	0.39	0.76	1.35	0.05	0.16	0.32	0.74
55	0.26	0.64	0.98	1.25	0.11	0.28	0.49	0.70
65	0.40	0.76	-	1.04	0.18	0.39	-	0.61
	Lifetime Risk of Being Diagnosed = 1.38%				Lifetime Risk of Being Diagnosed = 0.77%			
	Lifetime Risk of Dying of Cancer = 0.50%				Lifetime Risk of Dying of Cancer = 0.30%			
NON-HISPANIC BLACK								
0	0.01	0.02	0.03	1.90	0.02	0.02	0.03	1.20
25	0.02	0.12	0.37	1.95	0.01	0.06	0.18	1.20
35	0.10	0.35	0.86	1.97	0.05	0.17	0.43	1.19
45	0.27	0.78	1.39	1.93	0.13	0.39	0.76	1.17
55	0.56	1.20	1.64	1.79	0.27	0.66	0.91	1.10
65	0.77	1.28	-	1.46	0.43	0.72	-	0.92
	Lifetime Risk of Being Diagnosed = 1.90%				Lifetime Risk of Being Diagnosed = 1.20%			
	Lifetime Risk of Dying of Cancer = 0.53%				Lifetime Risk of Dying of Cancer = 0.27%			
HISPANIC								
0	0.01	0.01	0.02	2.15	0.01	0.01	0.02	1.40
25	0.02	0.09	0.29	2.18	0.02	0.07	0.19	1.40
35	0.08	0.28	0.72	2.19	0.05	0.18	0.43	1.39
45	0.20	0.65	1.30	2.14	0.12	0.38	0.79	1.34
55	0.47	1.14	1.71	2.02	0.26	0.68	1.02	1.25
65	0.73	1.35	-	1.69	0.44	0.80	-	1.04
	Lifetime Risk of Being Diagnosed = 2.15%				Lifetime Risk of Being Diagnosed = 1.40%			
	Lifetime Risk of Dying of Cancer = 0.73%				Lifetime Risk of Dying of Cancer = 0.44%			
NON-HISPANIC WHITE								
0	0.01	0.01	0.02	1.95	0.01	0.02	0.03	1.05
25	0.02	0.11	0.31	1.96	0.02	0.06	0.16	1.04
35	0.08	0.29	0.68	1.96	0.05	0.14	0.33	1.03
45	0.21	0.61	1.22	1.91	0.10	0.28	0.58	1.00
55	0.43	1.06	1.55	1.79	0.19	0.49	0.77	0.93
65	0.70	1.25	-	1.51	0.32	0.62	-	0.78
	Lifetime Risk of Being Diagnosed = 1.95%				Lifetime Risk of Being Diagnosed = 1.05%			
	Lifetime Risk of Dying of Cancer = 0.63%				Lifetime Risk of Dying of Cancer = 0.33%			

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.
 Source: California Cancer Registry (November 2016) and CDPH Center for Health Statistics Death Master Files.
 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2010-2014.
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