

**Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2015, 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
<b>ALL RACES</b>												
1988	2,208	1,343	865	9.3	13.0	6.6	886	562	324	3.8	5.8	2.5
1989	2,189	1,336	853	9.0	12.7	6.3	849	515	334	3.6	5.1	2.5
1990	2,338	1,413	925	9.4	13.0	6.7	903	556	347	3.7	5.4	2.5
1991	2,405	1,475	930	9.5	13.3	6.6	950	569	381	3.8	5.4	2.7
1992	2,454	1,502	952	9.6	13.4	6.7	940	588	352	3.8	5.5	2.5
1993	2,475	1,519	956	9.4	13.0	6.6	936	602	334	3.7	5.4	2.3
1994	2,433	1,454	979	9.2	12.5	6.7	1,009	627	382	3.9	5.7	2.6
1995	2,535	1,522	1,013	9.4	12.8	6.8	987	599	388	3.7	5.3	2.6
1996	2,677	1,630	1,047	9.8	13.5	7.0	1,042	664	378	3.9	5.8	2.5
1997	2,795	1,709	1,086	10.0	13.7	7.1	1,046	652	394	3.8	5.5	2.5
1998	2,877	1,823	1,054	10.1	14.3	6.7	1,072	690	382	3.8	5.6	2.4
1999	2,985	1,808	1,177	10.2	13.7	7.3	1,088	681	407	3.8	5.5	2.5
2000	3,030	1,872	1,158	10.1	13.9	7.0	1,092	708	384	3.7	5.6	2.3
2001	3,249	1,992	1,257	10.6	14.4	7.5	1,146	714	432	3.8	5.4	2.6
2002	3,499	2,213	1,286	11.2	15.7	7.5	1,107	686	421	3.6	5.1	2.4
2003	3,800	2,313	1,487	11.9	15.8	8.5	1,174	761	413	3.7	5.5	2.4
2004	3,929	2,458	1,471	12.0	16.6	8.3	1,185	739	446	3.7	5.3	2.5
2005	4,155	2,639	1,516	12.5	17.5	8.4	1,213	758	455	3.7	5.3	2.5
2006	4,345	2,686	1,659	12.9	17.4	9.1	1,167	754	413	3.5	5.2	2.2
2007	4,540	2,824	1,716	13.2	17.9	9.2	1,229	798	431	3.7	5.4	2.3
2008	4,968	3,061	1,907	14.1	18.8	10.1	1,212	783	429	3.5	5.1	2.2
2009	5,124	3,219	1,905	14.2	19.4	9.9	1,250	804	446	3.5	5.1	2.3
2010	5,099	3,186	1,913	13.7	18.6	9.6	1,224	795	429	3.3	4.9	2.1
2011	5,214	3,260	1,954	13.7	18.4	9.6	1,336	857	479	3.5	5.1	2.3
2012	5,345	3,342	2,003	13.7	18.5	9.6	1,394	888	506	3.6	5.2	2.4
2013	5,596	3,593	2,003	13.9	19.2	9.4	1,350	898	452	3.4	5.1	2.1
2014	5,684	3,624	2,060	13.7	18.8	9.4	1,398	947	451	3.4	5.2	2.0
2015	6,131	3,896	2,235	14.6	19.8	10.1	1,416	968	448	3.4	5.2	1.9
<b>ASIAN/PACIFIC ISLANDER</b>												
1988	86	55	31	5.4	7.5	3.6	31	20	11	2.3	3.6	-
1989	74	43	31	4.6	6.0	3.6	17	10	7	1.1	-	-
1990	85	57	28	4.9	6.9	3.4	25	16	9	1.8	2.5	-
1991	93	50	43	4.6	5.3	4.1	29	16	13	1.6	1.7	-
1992	121	78	43	5.5	7.9	3.6	35	26	9	1.6	2.7	-
1993	107	74	33	4.5	6.9	2.6	34	20	14	1.7	2.0	-
1994	107	63	44	4.8	6.3	3.6	46	25	21	2.0	2.4	1.8
1995	149	83	66	6.0	7.4	4.9	32	25	7	1.4	2.4	-
1996	138	97	41	5.2	8.2	2.8	55	37	18	2.3	3.3	1.4
1997	155	95	60	5.7	8.1	3.8	48	37	11	1.8	3.1	-
1998	177	125	52	5.9	9.5	3.1	52	31	21	2.0	2.7	1.4
1999	171	102	69	5.5	7.4	4.0	60	42	18	2.1	3.3	1.2
2000	189	118	71	5.6	8.1	3.8	68	48	20	2.2	3.5	1.2
2001	191	105	86	5.4	6.4	4.5	66	43	23	2.0	2.8	1.3
2002	212	125	87	5.7	7.6	4.2	57	35	22	1.6	2.3	1.1
2003	263	165	98	6.8	9.8	4.5	73	47	26	2.0	2.9	1.3
2004	242	154	88	6.0	8.7	3.9	55	32	23	1.5	2.0	1.1
2005	291	177	114	6.8	9.2	4.9	75	51	24	1.9	3.0	1.1
2006	316	196	120	7.1	9.9	4.9	78	49	29	1.8	2.6	1.3
2007	372	236	136	8.2	11.7	5.5	113	71	42	2.6	3.7	1.7
2008	404	252	152	8.3	11.5	5.7	101	56	45	2.2	2.9	1.7
2009	388	245	143	7.7	11.0	5.1	116	77	39	2.4	3.7	1.4
2010	417	269	148	7.9	11.6	5.1	108	72	36	2.1	3.2	1.2
2011	432	279	153	7.8	11.0	5.1	111	60	51	2.1	2.6	1.7
2012	455	294	161	7.9	11.6	5.1	118	76	42	2.1	3.2	1.3
2013	504	328	176	8.2	11.9	5.2	139	94	45	2.4	3.7	1.4
2014	516	307	209	8.1	10.8	6.0	134	83	51	2.2	3.1	1.5
2015	570	382	188	8.7	13.0	5.2	142	96	46	2.2	3.4	1.2

(Table Continues)

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

Source: California Cancer Registry (January 2018) 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.

Excludes cases reported by the Department of Veterans Affairs.

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, 1988-2015, 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
<b>NON-HISPANIC BLACK</b>												
1988	143	85	58	10.1	14.2	7.3	58	36	22	4.3	6.3	2.9
1989	135	67	68	9.5	11.6	8.3	38	21	17	2.8	3.4	2.3
1990	162	88	74	11.2	13.7	9.1	52	32	20	3.8	5.8	2.4
1991	139	83	56	9.8	14.1	6.9	57	32	25	3.9	4.9	3.2
1992	152	94	58	10.6	15.3	7.2	57	36	21	4.1	5.9	2.7
1993	149	83	66	9.8	11.9	7.9	55	32	23	3.7	4.9	2.8
1994	177	108	69	11.4	15.4	8.1	60	34	26	4.0	5.5	3.1
1995	160	98	62	10.6	14.5	7.4	66	32	34	4.6	5.0	4.1
1996	153	87	66	9.7	13.1	7.2	72	46	26	4.9	8.1	2.9
1997	197	112	85	11.9	15.0	9.3	70	43	27	4.6	6.2	3.2
1998	186	112	74	11.1	15.5	8.0	60	43	17	3.7	6.3	1.9
1999	204	117	87	11.8	15.8	8.9	86	50	36	5.4	7.1	4.0
2000	200	123	77	11.3	15.9	7.9	68	44	24	4.3	7.1	2.6
2001	229	130	99	12.5	16.3	9.8	79	52	27	4.6	6.8	2.9
2002	260	151	109	13.9	18.1	10.8	66	39	27	3.9	6.0	2.7
2003	236	141	95	12.2	15.9	9.1	70	47	23	3.6	5.2	2.2
2004	276	171	105	14.3	19.9	10.0	87	51	36	4.9	6.7	3.6
2005	335	221	114	17.0	25.3	10.7	76	53	23	4.2	6.8	2.3
2006	275	167	108	13.9	18.4	10.1	65	47	18	3.3	5.6	1.7
2007	323	190	133	15.8	20.7	12.0	84	52	32	4.4	6.1	3.0
2008	347	204	143	16.5	20.7	12.9	73	43	30	3.7	4.9	2.8
2009	387	234	153	18.1	23.8	13.5	93	69	24	4.5	7.1	2.2
2010	369	226	143	16.2	21.2	11.8	62	42	20	3.1	4.8	1.9
2011	398	240	158	17.7	23.4	12.8	88	58	30	4.2	6.5	2.5
2012	361	223	138	15.3	20.8	10.9	77	49	28	3.5	4.8	2.3
2013	410	247	163	17.4	22.4	13.0	71	50	21	3.2	5.3	1.6
2014	418	251	167	17.1	22.4	12.6	93	64	29	4.1	6.3	2.3
2015	439	277	162	17.5	24.1	11.9	86	61	25	3.5	5.5	1.9
<b>HISPANIC</b>												
1988	290	163	127	9.5	11.9	7.6	100	52	48	3.7	4.4	3.2
1989	293	181	112	8.9	12.3	6.2	92	58	34	3.2	4.5	2.2
1990	324	183	141	9.8	12.3	7.8	111	68	43	3.6	5.1	2.5
1991	366	218	148	10.3	14.6	7.2	139	90	49	4.5	6.9	2.8
1992	358	215	143	10.2	13.7	7.4	128	88	40	4.1	6.5	2.4
1993	402	240	162	10.6	13.8	7.9	120	81	39	3.6	5.4	2.2
1994	387	204	183	9.8	11.8	8.4	146	95	51	4.3	6.2	2.8
1995	415	242	173	10.3	14.3	7.5	152	85	67	4.4	5.9	3.4
1996	404	219	185	9.9	12.6	8.0	148	88	60	4.0	5.9	2.7
1997	446	241	205	10.2	12.2	8.6	171	104	67	4.4	6.2	3.1
1998	517	315	202	11.5	16.1	8.1	176	114	62	4.4	6.5	2.8
1999	580	342	238	11.8	15.5	9.0	203	127	76	4.7	6.5	3.2
2000	554	323	231	10.7	13.9	8.2	184	116	68	4.1	5.8	2.8
2001	658	370	288	12.0	15.4	9.5	200	119	81	4.2	5.6	3.1
2002	680	424	256	12.2	16.9	8.5	213	134	79	4.3	5.9	2.9
2003	791	451	340	13.1	16.5	10.4	225	132	93	4.3	5.6	3.3
2004	856	517	339	13.7	18.6	9.8	251	158	93	4.7	6.7	3.2
2005	894	542	352	14.1	19.3	10.1	250	146	104	4.6	6.3	3.4
2006	970	581	389	14.0	19.0	10.2	233	140	93	3.9	5.4	2.8
2007	1,043	622	421	14.5	19.1	10.8	253	168	85	4.0	6.2	2.4
2008	1,252	763	489	16.4	22.4	11.7	276	176	100	4.2	6.1	2.8
2009	1,259	729	530	15.9	21.1	12.0	275	166	109	4.0	5.5	2.9
2010	1,230	723	507	14.7	19.2	11.1	282	176	106	3.9	5.5	2.7
2011	1,335	778	557	15.2	19.4	11.8	302	184	118	4.0	5.5	2.8
2012	1,416	800	616	15.3	19.0	12.3	344	207	137	4.2	5.6	3.1
2013	1,502	928	574	15.5	20.7	11.1	308	194	114	3.5	5.0	2.4
2014	1,612	983	629	15.9	21.1	11.6	360	242	118	4.0	5.8	2.6
2015	1,825	1,067	758	16.8	21.5	12.9	370	248	122	4.0	6.2	2.4

(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, 1988-2015, 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
<b>NON-HISPANIC WHITE</b>												
1988	1,680	1,036	644	9.6	13.6	6.7	697	454	243	4.0	6.2	2.5
1989	1,662	1,030	632	9.4	13.4	6.5	701	426	275	3.9	5.7	2.7
1990	1,756	1,079	677	9.7	13.6	6.7	713	440	273	4.0	5.7	2.7
1991	1,792	1,113	679	9.9	13.8	6.7	722	430	292	4.0	5.5	2.8
1992	1,807	1,105	702	9.9	13.8	6.9	716	434	282	3.9	5.6	2.7
1993	1,799	1,111	688	9.8	13.6	6.8	722	466	256	3.9	5.8	2.4
1994	1,746	1,071	675	9.5	13.2	6.7	755	473	282	4.1	6.0	2.7
1995	1,795	1,091	704	9.7	13.1	6.9	733	455	278	3.9	5.6	2.6
1996	1,965	1,217	748	10.6	14.6	7.4	764	491	273	4.0	6.0	2.5
1997	1,972	1,245	727	10.5	14.7	7.1	751	463	288	3.9	5.6	2.7
1998	1,978	1,261	717	10.4	14.7	6.9	777	499	278	4.0	5.8	2.6
1999	2,013	1,236	777	10.4	14.2	7.4	728	457	271	3.7	5.3	2.4
2000	2,065	1,295	770	10.6	14.7	7.2	766	497	269	3.8	5.7	2.4
2001	2,148	1,376	772	11.0	15.5	7.1	793	494	299	3.9	5.6	2.6
2002	2,320	1,499	821	11.7	16.6	7.6	769	476	293	3.8	5.4	2.5
2003	2,477	1,540	937	12.4	16.8	8.7	801	533	268	3.9	5.9	2.3
2004	2,522	1,596	926	12.5	17.2	8.5	778	489	289	3.8	5.4	2.5
2005	2,590	1,673	917	12.9	18.1	8.6	796	497	299	3.8	5.4	2.6
2006	2,736	1,717	1,019	13.6	18.4	9.5	786	516	270	3.7	5.6	2.3
2007	2,762	1,753	1,009	13.6	18.5	9.3	773	504	269	3.7	5.4	2.3
2008	2,906	1,816	1,090	14.2	19.1	10.0	757	505	252	3.5	5.3	2.1
2009	3,041	1,982	1,059	14.7	20.5	9.6	754	482	272	3.5	5.0	2.3
2010	3,021	1,931	1,090	14.6	19.8	10.0	762	500	262	3.4	5.0	2.1
2011	2,990	1,921	1,069	14.2	19.3	9.7	824	548	276	3.7	5.4	2.2
2012	3,049	1,984	1,065	14.4	19.8	9.5	844	549	295	3.7	5.4	2.4
2013	3,102	2,049	1,053	14.3	19.9	9.2	818	550	268	3.6	5.3	2.2
2014	3,044	2,022	1,022	13.7	19.3	8.8	791	546	245	3.4	5.2	1.9
2015	3,211	2,123	1,088	14.6	20.4	9.4	807	557	250	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.

Excludes cases reported by the Department of Veterans Affairs.

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, 2011-2015, Kidney and Renal Pelvis Cancer**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ALL RACES</b>												
00 - 04	230	107	123	1.8	1.7	2.0	10	6	4	0.1	0.1	0.1
05 - 09	70	28	42	0.6	0.4	0.7	12	7	5	0.1	0.1	0.1
10 - 14	15	7	8	0.1	0.1	0.1	3	2	1	0.0	0.0	0.0
15 - 19	25	13	12	0.2	0.2	0.2	8	6	2	0.1	0.1	0.0
20 - 24	62	35	27	0.4	0.5	0.4	12	8	4	0.1	0.1	0.1
25 - 29	133	68	65	0.9	0.9	0.9	12	9	3	0.1	0.1	0.0
30 - 34	357	230	127	2.6	3.3	1.9	19	10	9	0.1	0.1	0.1
35 - 39	571	345	226	4.5	5.4	3.6	38	21	17	0.3	0.3	0.3
40 - 44	1,104	704	400	8.4	10.7	6.1	94	62	32	0.7	1.0	0.5
45 - 49	1,685	1,116	569	12.9	17.1	8.7	222	169	53	1.7	2.6	0.8
50 - 54	2,527	1,653	874	19.2	25.3	13.1	387	288	99	2.9	4.4	1.5
55 - 59	3,398	2,287	1,111	28.3	39.0	18.0	626	454	172	5.2	7.8	2.8
60 - 64	3,921	2,532	1,389	38.8	52.4	26.4	830	588	242	8.2	12.2	4.6
65 - 69	4,179	2,693	1,486	53.2	72.8	35.7	912	640	272	11.6	17.3	6.5
70 - 74	3,467	2,235	1,232	62.2	87.6	40.7	902	611	291	16.2	24.0	9.6
75 - 79	2,634	1,626	1,008	64.1	89.4	44.0	848	547	301	20.6	30.1	13.1
80 - 84	1,892	1,131	761	61.1	87.1	42.3	829	502	327	26.8	38.7	18.2
85 +	1,700	905	795	50.9	75.9	37.0	1,130	628	502	33.8	52.7	23.4
Total/Crude	27,970	17,715	10,255	13.9	19.0	9.6	6,894	4,558	2,336	3.6	4.8	2.4
<b>ASIAN/PACIFIC ISLANDER</b>												
00 - 04	25	10	15	1.7	1.3	2.1	3	1	2	0.2	0.1	0.3
05 - 09	7	3	4	0.4	0.4	0.5	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	2	1	1	0.1	0.1	0.1	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	13	5	8	0.6	0.5	0.7	2	2	0	0.1	0.2	0.0
30 - 34	27	20	7	1.2	1.9	0.6	3	0	3	0.1	0.0	0.3
35 - 39	61	42	19	2.8	4.2	1.6	9	3	6	0.4	0.3	0.5
40 - 44	98	68	30	4.4	6.7	2.5	21	15	6	1.0	1.5	0.5
45 - 49	152	109	43	7.4	11.5	3.9	28	20	8	1.4	2.1	0.7
50 - 54	214	156	58	10.8	17.0	5.4	46	35	11	2.3	3.8	1.0
55 - 59	307	208	99	16.7	24.9	9.8	52	37	15	2.8	4.4	1.5
60 - 64	328	217	111	20.8	30.7	12.8	76	57	19	4.8	8.1	2.2
65 - 69	382	257	125	32.5	48.9	19.2	75	48	27	6.4	9.1	4.2
70 - 74	275	169	106	32.6	45.1	22.6	74	47	27	8.8	12.5	5.8
75 - 79	250	139	111	39.0	50.6	30.4	73	47	26	11.4	17.1	7.1
80 - 84	180	102	78	39.3	55.0	28.6	71	41	30	15.5	22.1	11.0
85 +	152	81	71	34.3	49.4	25.5	109	54	55	24.6	32.9	19.7
Total/Crude	2,477	1,590	887	8.2	11.7	5.3	644	409	235	2.3	3.1	1.6

(Table Continues)

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

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Note: In situ cancers are excluded, unless specified. Excludes cases reported by the Department of Veterans Affairs.

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, 2011-2015, Kidney and Renal Pelvis Cancer (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC BLACK</b>												
00 - 04	15	6	9	1.9	1.5	2.3	1	1	0	0.1	0.3	0.0
05 - 09	8	2	6	1.0	0.5	1.6	1	1	0	0.1	0.3	0.0
10 - 14	1	1	0	0.1	0.2	0.0	1	1	0	0.1	0.2	0.0
15 - 19	5	3	2	0.5	0.6	0.4	3	3	0	0.3	0.6	0.0
20 - 24	8	6	2	0.8	1.1	0.4	3	2	1	0.3	0.4	0.2
25 - 29	13	9	4	1.4	1.9	0.9	0	0	0	0.0	0.0	0.0
30 - 34	19	13	6	2.3	3.1	1.5	3	2	1	0.4	0.5	0.3
35 - 39	33	23	10	4.4	6.2	2.7	5	5	0	0.7	1.4	0.0
40 - 44	86	59	27	10.9	15.0	6.8	8	6	2	1.0	1.5	0.5
45 - 49	152	100	52	17.9	23.7	12.2	17	11	6	2.0	2.6	1.4
50 - 54	206	134	72	23.2	30.5	16.0	33	26	7	3.7	5.9	1.6
55 - 59	284	194	90	36.6	51.4	22.6	47	34	13	6.1	9.0	3.3
60 - 64	326	194	132	53.7	68.3	40.9	57	36	21	9.4	12.7	6.5
65 - 69	299	179	120	68.5	91.1	50.0	63	46	17	14.4	23.4	7.1
70 - 74	232	135	97	73.6	98.6	54.4	51	37	14	16.2	27.0	7.9
75 - 79	153	89	64	65.8	89.5	48.1	43	29	14	18.5	29.2	10.5
80 - 84	111	64	47	74.5	110.5	51.6	37	22	15	24.8	38.0	16.5
85 +	75	27	48	51.5	58.1	48.4	42	20	22	28.8	43.1	22.2
Total/Crude	2,026	1,238	788	17.0	22.7	12.2	415	282	133	3.5	4.7	2.2
<b>HISPANIC</b>												
00 - 04	114	52	62	1.7	1.5	1.9	4	2	2	0.1	0.1	0.1
05 - 09	26	11	15	0.4	0.3	0.5	7	4	3	0.1	0.1	0.1
10 - 14	6	2	4	0.1	0.1	0.1	2	1	1	0.0	0.0	0.0
15 - 19	11	5	6	0.2	0.1	0.2	3	2	1	0.1	0.1	0.0
20 - 24	30	14	16	0.5	0.4	0.5	7	4	3	0.1	0.1	0.1
25 - 29	45	22	23	0.7	0.7	0.8	4	2	2	0.1	0.1	0.1
30 - 34	174	104	70	3.0	3.5	2.5	9	4	5	0.2	0.1	0.2
35 - 39	266	149	117	4.9	5.4	4.4	16	9	7	0.3	0.3	0.3
40 - 44	464	269	195	9.0	10.3	7.6	40	22	18	0.8	0.8	0.7
45 - 49	643	396	247	13.9	16.8	10.8	84	65	19	1.8	2.8	0.8
50 - 54	884	532	352	22.5	27.2	17.8	127	92	35	3.2	4.7	1.8
55 - 59	1,040	672	368	33.4	44.5	23.0	199	137	62	6.4	9.1	3.9
60 - 64	1,028	619	409	45.4	57.9	34.3	244	165	79	10.8	15.4	6.6
65 - 69	994	586	408	63.0	81.3	47.6	213	148	65	13.5	20.5	7.6
70 - 74	771	447	324	71.3	94.9	53.0	195	121	74	18.0	25.7	12.1
75 - 79	559	339	220	71.7	103.6	48.7	184	120	64	23.6	36.7	14.2
80 - 84	357	200	157	64.6	89.9	47.5	163	86	77	29.5	38.7	23.3
85 +	278	137	141	55.4	74.5	44.4	183	91	92	36.5	49.5	29.0
Total/Crude	7,690	4,556	3,134	15.8	20.4	11.9	1,684	1,075	609	2.3	2.9	1.7

(Table Continues)

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

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Note: In situ cancers are excluded, unless specified. Excludes cases reported by the Department of Veterans Affairs. 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, 2011-2015, Kidney and Renal Pelvis Cancer (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>												
00 - 04	72	37	35	2.0	2.0	2.0	2	2	0	0.1	0.1	0.0
05 - 09	27	11	16	0.7	0.6	0.9	4	2	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	6	3	3	0.1	0.1	0.2	1	0	1	0.0	0.0	0.1
20 - 24	18	11	7	0.4	0.4	0.3	1	1	0	0.0	0.0	0.0
25 - 29	61	31	30	1.2	1.2	1.2	6	5	1	0.1	0.2	0.0
30 - 34	131	91	40	2.7	3.6	1.7	4	4	0	0.1	0.2	0.0
35 - 39	197	124	73	4.5	5.5	3.4	8	4	4	0.2	0.2	0.2
40 - 44	438	297	141	9.0	11.9	5.9	25	19	6	0.5	0.8	0.3
45 - 49	715	496	219	13.1	17.9	8.2	92	73	19	1.7	2.6	0.7
50 - 54	1,179	804	375	18.7	25.3	12.0	176	132	44	2.8	4.2	1.4
55 - 59	1,710	1,178	532	27.5	38.0	17.1	319	239	80	5.1	7.7	2.6
60 - 64	2,172	1,458	714	38.8	53.2	25.1	444	323	121	7.9	11.8	4.3
65 - 69	2,446	1,635	811	52.9	73.2	33.9	552	393	159	11.9	17.6	6.7
70 - 74	2,155	1,465	690	65.2	94.3	39.4	577	404	173	17.5	26.0	9.9
75 - 79	1,648	1,047	601	67.5	94.4	45.1	536	342	194	22.0	30.9	14.6
80 - 84	1,231	755	476	64.0	91.3	43.4	547	348	199	28.4	42.1	18.2
85 +	1,183	653	530	52.9	82.3	36.7	790	459	331	35.3	57.8	22.9
Total/Crude	15,396	10,099	5,297	14.2	19.7	9.3	4,084	2,750	1,334	5.3	7.1	3.5

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Note: In situ cancers are excluded, unless specified. Excludes cases reported by the Department of Veterans Affairs.

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
<b>ALL RACES</b>								
0	0.01	0.01	0.02	1.86	0.01	0.02	0.02	1.10
25	0.02	0.10	0.29	1.88	0.01	0.06	0.16	1.09
35	0.08	0.28	0.66	1.88	0.05	0.15	0.35	1.09
45	0.20	0.59	1.15	1.84	0.10	0.30	0.61	1.05
55	0.41	0.99	1.47	1.71	0.20	0.52	0.80	0.97
65	0.65	1.17	-	1.43	0.33	0.63	-	0.81
Lifetime Risk of Being Diagnosed = 1.86%				Lifetime Risk of Being Diagnosed = 1.10%				
Lifetime Risk of Dying of Cancer = 0.64%				Lifetime Risk of Dying of Cancer = 0.34%				
<b>ASIAN/PACIFIC ISLANDER</b>								
0	0.01	0.01	0.01	1.39	0.02	0.02	0.02	0.77
25	0.01	0.07	0.20	1.40	0.01	0.03	0.07	0.76
35	0.05	0.19	0.44	1.39	0.02	0.07	0.17	0.75
45	0.14	0.39	0.76	1.35	0.05	0.15	0.32	0.74
55	0.26	0.64	0.98	1.25	0.10	0.28	0.49	0.70
65	0.40	0.76	-	1.04	0.18	0.40	-	0.62
Lifetime Risk of Being Diagnosed = 1.39%				Lifetime Risk of Being Diagnosed = 0.77%				
Lifetime Risk of Dying of Cancer = 0.51%				Lifetime Risk of Dying of Cancer = 0.31%				
<b>NON-HISPANIC BLACK</b>								
0	0.01	0.01	0.03	1.74	0.02	0.02	0.03	1.20
25	0.02	0.12	0.35	1.79	0.01	0.06	0.18	1.20
35	0.10	0.33	0.77	1.80	0.05	0.17	0.43	1.20
45	0.24	0.69	1.24	1.76	0.13	0.39	0.75	1.18
55	0.48	1.07	1.48	1.63	0.27	0.65	0.91	1.10
65	0.69	1.18	-	1.35	0.42	0.71	-	0.92
Lifetime Risk of Being Diagnosed = 1.74%				Lifetime Risk of Being Diagnosed = 1.20%				
Lifetime Risk of Dying of Cancer = 0.54%				Lifetime Risk of Dying of Cancer = 0.27%				
<b>HISPANIC</b>								
0	0.01	0.01	0.02	2.16	0.01	0.01	0.02	1.43
25	0.02	0.10	0.30	2.18	0.02	0.07	0.21	1.44
35	0.08	0.29	0.73	2.19	0.06	0.19	0.46	1.42
45	0.21	0.66	1.29	2.14	0.14	0.40	0.81	1.38
55	0.46	1.12	1.68	2.01	0.27	0.69	1.02	1.27
65	0.72	1.32	-	1.68	0.44	0.79	-	1.05
Lifetime Risk of Being Diagnosed = 2.16%				Lifetime Risk of Being Diagnosed = 1.43%				
Lifetime Risk of Dying of Cancer = 0.76%				Lifetime Risk of Dying of Cancer = 0.45%				
<b>NON-HISPANIC WHITE</b>								
0	0.01	0.01	0.02	1.88	0.01	0.02	0.02	1.04
25	0.02	0.11	0.31	1.89	0.01	0.06	0.15	1.04
35	0.08	0.28	0.66	1.89	0.04	0.14	0.32	1.03
45	0.20	0.59	1.17	1.84	0.10	0.28	0.57	0.99
55	0.40	1.01	1.49	1.72	0.19	0.49	0.77	0.92
65	0.67	1.21	-	1.45	0.32	0.62	-	0.78
Lifetime Risk of Being Diagnosed = 1.88%				Lifetime Risk of Being Diagnosed = 1.04%				
Lifetime Risk of Dying of Cancer = 0.64%				Lifetime Risk of Dying of Cancer = 0.32%				

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 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2011-2015.  
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