

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2017, 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	2,208	1,344	864	9.3	13.1	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	2,339	1,414	925	9.4	13.0	6.7	903	556	347	3.7	5.4	2.5
1991	2,406	1,476	930	9.5	13.3	6.6	950	569	381	3.8	5.4	2.7
1992	2,455	1,502	953	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	2,434	1,455	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	2,679	1,631	1,048	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	2,881	1,825	1,056	10.1	14.3	6.8	1,072	690	382	3.8	5.6	2.4
1999	2,986	1,809	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	3,251	1,992	1,259	10.6	14.4	7.5	1,146	714	432	3.8	5.4	2.6
2002	3,501	2,215	1,286	11.2	15.7	7.5	1,107	686	421	3.6	5.1	2.4
2003	3,804	2,317	1,487	11.9	15.9	8.5	1,174	761	413	3.7	5.5	2.4
2004	3,931	2,460	1,471	12.0	16.6	8.3	1,185	739	446	3.7	5.3	2.5
2005	4,160	2,642	1,518	12.5	17.5	8.4	1,213	758	455	3.7	5.3	2.5
2006	4,349	2,691	1,658	12.9	17.5	9.1	1,167	754	413	3.5	5.2	2.2
2007	4,548	2,825	1,723	13.2	17.9	9.3	1,229	798	431	3.7	5.4	2.3
2008	4,973	3,066	1,907	14.1	18.8	10.1	1,212	783	429	3.5	5.1	2.2
2009	5,133	3,223	1,910	14.2	19.5	9.9	1,250	804	446	3.5	5.1	2.3
2010	5,111	3,195	1,916	13.8	18.7	9.7	1,224	795	429	3.4	4.9	2.1
2011	5,227	3,268	1,959	13.7	18.5	9.6	1,336	857	479	3.6	5.1	2.3
2012	5,374	3,356	2,018	13.8	18.6	9.7	1,394	888	506	3.6	5.2	2.4
2013	5,628	3,617	2,011	14.0	19.4	9.4	1,350	898	452	3.4	5.1	2.1
2014	5,724	3,646	2,078	13.9	19.0	9.5	1,398	947	451	3.4	5.2	2.0
2015	6,248	3,965	2,283	14.9	20.3	10.3	1,416	968	448	3.4	5.2	1.9
2016	6,267	4,009	2,258	14.6	20.0	10.0	1,477	1,001	476	3.5	5.2	2.0
2017	6,541	4,126	2,415	15.0	20.1	10.5	1,422	903	519	3.3	4.6	2.2

(Table Continues)

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Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

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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.

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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
ASIAN/PACIFIC ISLANDER												
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	94	50	44	4.7	5.3	4.2	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	106	63	43	4.7	6.3	3.5	46	25	21	2.0	2.4	1.8
1995	150	83	67	6.1	7.4	5.0	32	25	7	1.4	2.4	-
1996	140	98	42	5.2	8.3	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	5.4	7.4	4.0	60	42	18	2.1	3.3	1.2
2000	190	118	72	5.7	8.1	3.8	68	48	20	2.2	3.5	1.2
2001	193	107	86	5.5	6.6	4.5	66	43	23	2.0	2.8	1.3
2002	213	126	87	5.7	7.7	4.2	57	35	22	1.6	2.3	1.1
2003	265	167	98	6.9	9.9	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	292	178	114	6.9	9.3	4.9	75	51	24	1.9	3.0	1.1
2006	317	197	120	7.2	10.0	4.9	78	49	29	1.8	2.6	1.3
2007	377	239	138	8.3	11.8	5.5	113	71	42	2.6	3.7	1.7
2008	406	254	152	8.3	11.6	5.7	101	56	45	2.2	2.9	1.7
2009	392	247	145	7.7	11.1	5.1	116	77	39	2.4	3.7	1.4
2010	416	269	147	7.9	11.6	5.0	108	72	36	2.1	3.2	1.2
2011	436	281	155	7.9	11.1	5.2	111	60	51	2.1	2.6	1.7
2012	460	297	163	8.0	11.7	5.2	118	76	42	2.1	3.2	1.3
2013	509	332	177	8.3	12.1	5.3	139	94	45	2.4	3.7	1.4
2014	523	310	213	8.3	11.0	6.1	134	83	51	2.2	3.1	1.5
2015	583	387	196	9.0	13.3	5.5	142	96	46	2.2	3.4	1.2
2016	545	344	201	8.0	11.3	5.3	148	101	47	2.2	3.5	1.2
2017	667	413	254	9.3	13.1	6.4	133	87	46	1.9	2.9	1.1

(Table Continues)

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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	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	188	113	75	11.3	15.6	8.1	60	43	17	3.7	6.3	1.9
1999	203	117	86	11.7	15.8	8.8	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	230	131	99	12.6	16.4	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	275	171	104	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	276	168	108	13.9	18.6	10.1	65	47	18	3.3	5.6	1.7
2007	324	190	134	15.9	20.7	12.1	84	52	32	4.4	6.1	3.0
2008	348	204	144	16.5	20.7	13.0	73	43	30	3.7	4.9	2.8
2009	389	236	153	18.2	23.9	13.5	93	69	24	4.5	7.1	2.2
2010	371	227	144	16.2	21.3	11.9	62	42	20	3.1	4.8	1.9
2011	399	241	158	17.8	23.5	12.9	88	58	30	4.2	6.5	2.5
2012	364	223	141	15.5	20.8	11.2	77	49	28	3.5	4.9	2.3
2013	419	253	166	17.8	23.0	13.3	71	50	21	3.2	5.3	1.6
2014	420	253	167	17.3	22.7	12.6	93	64	29	4.1	6.4	2.3
2015	446	278	168	17.9	24.4	12.5	86	61	25	3.6	5.6	1.9
2016	451	282	169	17.9	24.7	12.4	88	57	31	3.6	5.4	2.2
2017	457	281	176	18.0	23.7	13.1	99	63	36	4.1	5.8	2.8

(Table Continues)

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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
HISPANIC												
1988	287	163	124	9.4	11.9	7.4	100	52	48	3.7	4.4	3.2
1989	290	180	110	8.8	12.1	6.1	92	58	34	3.2	4.5	2.2
1990	321	182	139	9.7	12.2	7.7	111	68	43	3.6	5.1	2.5
1991	364	218	146	10.2	14.6	7.0	139	90	49	4.5	6.9	2.8
1992	358	214	144	10.2	13.7	7.4	128	88	40	4.1	6.5	2.4
1993	399	238	161	10.5	13.7	7.9	120	81	39	3.6	5.4	2.2
1994	390	207	183	10.0	12.1	8.4	146	95	51	4.3	6.2	2.8
1995	419	245	174	10.4	14.5	7.5	152	85	67	4.4	5.9	3.4
1996	400	218	182	9.8	12.5	7.9	148	88	60	4.0	5.9	2.7
1997	445	240	205	10.2	12.2	8.6	171	104	67	4.4	6.2	3.1
1998	515	315	200	11.4	16.0	7.9	176	114	62	4.4	6.5	2.8
1999	580	344	236	11.8	15.6	8.9	203	127	76	4.7	6.5	3.2
2000	556	327	229	10.8	14.1	8.1	184	116	68	4.1	5.8	2.8
2001	659	368	291	12.0	15.3	9.6	200	119	81	4.2	5.6	3.1
2002	679	426	253	12.1	17.0	8.4	213	134	79	4.3	5.9	2.9
2003	790	453	337	13.0	16.6	10.3	225	132	93	4.3	5.6	3.3
2004	852	511	341	13.6	18.3	9.9	251	158	93	4.7	6.7	3.2
2005	892	540	352	14.0	19.2	10.0	250	146	104	4.6	6.3	3.4
2006	975	584	391	14.1	19.1	10.3	233	140	93	3.9	5.4	2.8
2007	1,039	623	416	14.4	19.2	10.7	253	168	85	4.0	6.2	2.4
2008	1,255	761	494	16.5	22.3	11.8	276	176	100	4.2	6.1	2.8
2009	1,265	729	536	16.0	21.1	12.1	275	166	109	4.0	5.5	2.9
2010	1,239	729	510	14.8	19.4	11.2	282	176	106	3.9	5.5	2.7
2011	1,331	773	558	15.3	19.5	11.9	302	184	118	4.0	5.6	2.8
2012	1,419	800	619	15.4	19.1	12.4	344	207	137	4.2	5.6	3.1
2013	1,503	931	572	15.6	20.9	11.1	308	194	114	3.6	5.0	2.4
2014	1,623	985	638	16.2	21.4	11.9	360	242	118	4.1	5.9	2.6
2015	1,863	1,089	774	17.3	22.2	13.4	370	248	122	4.1	6.2	2.4
2016	1,888	1,155	733	17.2	23.2	12.3	413	280	133	4.3	6.3	2.6
2017	1,931	1,166	765	17.0	22.4	12.5	384	237	147	3.9	5.4	2.8

(Table Continues)

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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	1,684	1,038	646	9.7	13.6	6.7	697	454	243	4.0	6.2	2.5
1989	1,665	1,031	634	9.4	13.4	6.5	701	426	275	3.9	5.7	2.7
1990	1,760	1,081	679	9.8	13.7	6.7	713	440	273	4.0	5.7	2.7
1991	1,794	1,114	680	9.9	13.8	6.7	722	430	292	4.0	5.5	2.8
1992	1,808	1,106	702	9.9	13.8	6.9	716	434	282	3.9	5.6	2.7
1993	1,803	1,114	689	9.8	13.6	6.8	722	466	256	3.9	5.8	2.4
1994	1,745	1,069	676	9.5	13.1	6.7	755	473	282	4.1	6.0	2.7
1995	1,791	1,089	702	9.7	13.1	6.9	733	455	278	3.9	5.6	2.6
1996	1,969	1,218	751	10.6	14.6	7.4	764	491	273	4.0	6.0	2.5
1997	1,974	1,246	728	10.5	14.7	7.1	751	463	288	3.9	5.6	2.7
1998	1,982	1,262	720	10.4	14.7	6.9	777	499	278	4.0	5.8	2.6
1999	2,016	1,235	781	10.5	14.1	7.4	728	457	271	3.7	5.3	2.4
2000	2,064	1,291	773	10.6	14.7	7.2	766	497	269	3.8	5.7	2.4
2001	2,146	1,375	771	11.0	15.5	7.1	793	494	299	3.9	5.6	2.6
2002	2,322	1,498	824	11.7	16.6	7.7	769	476	293	3.8	5.4	2.5
2003	2,480	1,540	940	12.4	16.8	8.7	801	533	268	3.9	5.9	2.3
2004	2,529	1,604	925	12.5	17.3	8.5	778	489	289	3.8	5.4	2.5
2005	2,596	1,678	918	12.9	18.1	8.6	796	497	299	3.8	5.4	2.6
2006	2,734	1,717	1,017	13.6	18.4	9.4	786	516	270	3.7	5.6	2.3
2007	2,769	1,750	1,019	13.6	18.5	9.4	773	504	269	3.7	5.4	2.3
2008	2,907	1,822	1,085	14.2	19.1	9.9	757	505	252	3.5	5.3	2.1
2009	3,039	1,982	1,057	14.7	20.5	9.6	754	482	272	3.5	5.0	2.3
2010	3,025	1,935	1,090	14.6	19.8	9.9	762	500	262	3.4	5.0	2.1
2011	3,003	1,932	1,071	14.3	19.4	9.7	824	548	276	3.7	5.5	2.2
2012	3,069	1,996	1,073	14.5	19.9	9.6	844	549	295	3.7	5.4	2.4
2013	3,121	2,063	1,058	14.3	20.1	9.3	818	550	268	3.6	5.3	2.2
2014	3,070	2,044	1,026	13.8	19.4	8.8	791	546	245	3.4	5.2	1.9
2015	3,269	2,163	1,106	14.9	20.7	9.6	807	557	250	3.4	5.2	1.9
2016	3,277	2,167	1,110	14.7	20.5	9.4	803	544	259	3.4	5.0	2.0
2017	3,366	2,193	1,173	14.9	20.3	10.0	787	505	282	3.3	4.6	2.1

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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, 2013-2017, Kidney and Renal Pelvis Cancer

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	212	97	115	1.7	1.5	1.9	11	7	4	0.1	0.1	0.1
05 - 09	80	33	47	0.6	0.5	0.8	10	5	5	0.1	0.1	0.1
10 - 14	19	10	9	0.2	0.2	0.1	6	5	1	0.1	0.1	0.0
15 - 19	26	12	14	0.2	0.2	0.2	7	6	1	0.1	0.1	0.0
20 - 24	61	32	29	0.4	0.4	0.4	9	6	3	0.1	0.1	0.0
25 - 29	148	79	69	1.0	1.0	1.0	15	11	4	0.1	0.1	0.1
30 - 34	384	225	159	2.7	3.1	2.3	21	12	9	0.2	0.2	0.1
35 - 39	623	381	242	4.8	5.8	3.7	46	32	14	0.4	0.5	0.2
40 - 44	1,194	756	438	9.3	11.8	6.8	98	73	25	0.8	1.1	0.4
45 - 49	1,806	1,164	642	13.9	18.0	9.9	212	154	58	1.6	2.4	0.9
50 - 54	2,643	1,744	899	20.2	26.9	13.7	352	265	87	2.7	4.1	1.3
55 - 59	3,687	2,454	1,233	29.7	40.5	19.5	630	459	171	5.1	7.6	2.7
60 - 64	4,290	2,824	1,466	40.5	55.7	26.6	843	616	227	8.0	12.2	4.1
65 - 69	4,647	3,043	1,604	54.0	75.2	35.2	943	671	272	11.0	16.6	6.0
70 - 74	3,876	2,528	1,348	63.3	90.0	40.6	989	663	326	16.1	23.6	9.8
75 - 79	2,923	1,840	1,083	67.2	95.3	44.8	870	567	303	20.0	29.4	12.5
80 - 84	1,959	1,185	774	62.2	89.0	42.6	821	515	306	26.1	38.7	16.9
85 +	1,830	956	874	52.1	75.0	39.0	1,180	650	530	33.6	51.0	23.7
Total/Crude	30,408	19,363	11,045	15.6	20.0	11.3	7,063	4,717	2,346	3.6	4.9	2.4
ASIAN/PACIFIC ISLANDER												
00 - 04	21	10	11	1.4	1.2	1.5	4	2	2	0.3	0.3	0.3
05 - 09	10	5	5	0.6	0.6	0.6	0	0	0	0.0	0.0	0.0
10 - 14	3	2	1	0.2	0.2	0.1	2	2	0	0.1	0.2	0.0
15 - 19	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
20 - 24	2	1	1	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
25 - 29	14	6	8	0.6	0.5	0.7	2	2	0	0.1	0.2	0.0
30 - 34	37	25	12	1.6	2.2	1.0	3	1	2	0.1	0.1	0.2
35 - 39	63	41	22	2.8	3.9	1.9	5	2	3	0.2	0.2	0.3
40 - 44	95	62	33	4.2	5.9	2.7	18	12	6	0.8	1.1	0.5
45 - 49	166	109	57	7.8	11.1	5.0	31	23	8	1.5	2.3	0.7
50 - 54	247	174	73	12.1	18.5	6.7	39	31	8	1.9	3.3	0.7
55 - 59	327	204	123	17.0	23.4	11.7	59	39	20	3.1	4.5	1.9
60 - 64	383	249	134	22.7	32.9	14.3	75	56	19	4.4	7.4	2.0
65 - 69	445	302	143	32.8	50.1	19.0	95	65	30	7.0	10.8	4.0
70 - 74	349	220	129	37.4	53.1	24.8	78	50	28	8.4	12.1	5.4
75 - 79	290	173	117	41.6	57.2	29.6	80	54	26	11.5	17.9	6.6
80 - 84	196	108	88	39.4	53.0	30.0	82	50	32	16.5	24.5	10.9
85 +	178	95	83	34.8	50.0	25.8	123	72	51	24.0	37.9	15.8
Total/Crude	2,827	1,786	1,041	9.6	12.8	6.7	696	461	235	2.4	3.3	1.5

(Table Continues)

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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, 2013-2017, Kidney and Renal Pelvis Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			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	1	1	0	0.1	0.3	0.0
05 - 09	7	2	5	0.9	0.5	1.3	1	1	0	0.1	0.3	0.0
10 - 14	0	0	0	0.0	0.0	0.0	1	1	0	0.1	0.3	0.0
15 - 19	7	5	2	0.8	1.1	0.5	4	4	0	0.5	0.9	0.0
20 - 24	9	6	3	0.9	1.1	0.6	1	1	0	0.1	0.2	0.0
25 - 29	16	11	5	1.6	2.1	1.0	2	2	0	0.2	0.4	0.0
30 - 34	24	12	12	2.8	2.8	2.9	5	4	1	0.6	0.9	0.2
35 - 39	40	32	8	5.2	8.3	2.1	7	7	0	0.9	1.8	0.0
40 - 44	94	56	38	12.6	15.0	10.2	14	10	4	1.9	2.7	1.1
45 - 49	155	104	51	19.0	25.6	12.5	17	11	6	2.1	2.7	1.5
50 - 54	202	134	68	23.3	31.3	15.4	31	23	8	3.6	5.4	1.8
55 - 59	291	203	88	35.7	51.2	21.1	46	35	11	5.7	8.8	2.6
60 - 64	364	225	139	56.6	74.3	40.9	62	43	19	9.7	14.2	5.6
65 - 69	333	198	135	69.0	91.2	50.9	58	40	18	12.0	18.4	6.8
70 - 74	248	146	102	74.8	101.8	54.2	50	34	16	15.1	23.7	8.5
75 - 79	188	112	76	77.2	108.6	54.1	40	29	11	16.4	28.1	7.8
80 - 84	118	65	53	73.5	101.9	54.7	43	23	20	26.8	36.1	20.7
85 +	80	29	51	51.6	57.7	48.7	54	26	28	34.8	51.8	26.7
Total/Crude	2,193	1,347	846	18.1	22.5	13.9	437	295	142	3.6	4.9	2.3
HISPANIC												
00 - 04	109	48	61	1.7	1.4	1.9	4	2	2	0.1	0.1	0.1
05 - 09	32	15	17	0.5	0.4	0.5	6	3	3	0.1	0.1	0.1
10 - 14	9	4	5	0.1	0.1	0.2	3	2	1	0.1	0.1	0.0
15 - 19	12	5	7	0.2	0.2	0.2	3	2	1	0.1	0.1	0.0
20 - 24	35	15	20	0.5	0.4	0.6	6	3	3	0.1	0.1	0.1
25 - 29	54	29	25	0.9	0.9	0.8	6	3	3	0.1	0.1	0.1
30 - 34	176	95	81	3.0	3.1	2.9	10	4	6	0.2	0.1	0.2
35 - 39	312	176	136	5.7	6.3	5.1	22	16	6	0.4	0.6	0.2
40 - 44	571	337	234	11.0	12.9	9.1	41	31	10	0.8	1.2	0.4
45 - 49	765	465	300	16.0	19.1	12.7	82	63	19	1.7	2.6	0.8
50 - 54	961	573	388	23.2	27.6	18.8	117	88	29	2.8	4.3	1.4
55 - 59	1,176	756	420	34.9	45.9	24.4	217	154	63	6.4	9.4	3.7
60 - 64	1,222	780	442	48.6	65.4	33.5	253	180	73	10.1	15.1	5.5
65 - 69	1,164	721	443	65.4	88.0	46.2	253	176	77	14.2	21.5	8.0
70 - 74	867	517	350	72.4	98.6	52.0	232	142	90	19.4	27.1	13.4
75 - 79	635	398	237	76.1	113.4	49.0	204	129	75	24.4	36.8	15.5
80 - 84	378	217	161	65.1	92.7	46.4	173	101	72	29.8	43.1	20.8
85 +	330	175	155	57.4	82.9	42.6	203	102	101	35.3	48.3	27.8
Total/Crude	8,808	5,326	3,482	11.7	14.0	9.3	1,835	1,201	634	2.4	3.2	1.7

(Table Continues)

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Note: In situ cancers are excluded, unless specified.

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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, 2013-2017, Kidney and Renal Pelvis Cancer (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE												
00 - 04	62	29	33	1.7	1.6	1.9	2	2	0	0.1	0.1	0.0
05 - 09	29	11	18	0.8	0.6	1.0	3	1	2	0.1	0.1	0.1
10 - 14	5	3	2	0.1	0.2	0.1	0	0	0	0.0	0.0	0.0
15 - 19	6	2	4	0.2	0.1	0.2	0	0	0	0.0	0.0	0.0
20 - 24	12	8	4	0.3	0.3	0.2	2	2	0	0.0	0.1	0.0
25 - 29	61	30	31	1.2	1.1	1.2	5	4	1	0.1	0.2	0.0
30 - 34	139	93	46	2.8	3.6	1.9	3	3	0	0.1	0.1	0.0
35 - 39	195	126	69	4.3	5.4	3.2	11	6	5	0.2	0.3	0.2
40 - 44	413	292	121	9.1	12.5	5.5	25	20	5	0.6	0.9	0.2
45 - 49	686	466	220	13.3	17.7	8.7	80	57	23	1.6	2.2	0.9
50 - 54	1,179	825	354	19.8	27.5	12.0	161	121	40	2.7	4.0	1.4
55 - 59	1,817	1,249	568	29.2	40.2	18.3	294	219	75	4.7	7.0	2.4
60 - 64	2,241	1,513	728	39.5	54.3	25.2	442	329	113	7.8	11.8	3.9
65 - 69	2,638	1,787	851	53.4	74.9	33.3	526	383	143	10.7	16.1	5.6
70 - 74	2,361	1,617	744	65.1	94.6	38.8	622	433	189	17.1	25.3	9.9
75 - 79	1,776	1,141	635	69.6	97.9	45.8	529	343	186	20.7	29.4	13.4
80 - 84	1,255	789	466	66.2	95.8	43.5	511	334	177	27.0	40.6	16.5
85 +	1,228	649	579	54.4	79.2	40.2	790	445	345	35.0	54.3	24.0
Total/Crude	16,103	10,630	5,473	21.0	27.7	14.2	4,006	2,702	1,304	5.2	7.1	3.4

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Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

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	1.94	0.01	0.01	0.02	1.13
25	0.02	0.11	0.31	1.97	0.02	0.07	0.18	1.12
35	0.09	0.29	0.70	1.97	0.05	0.16	0.37	1.11
45	0.21	0.62	1.20	1.92	0.11	0.32	0.62	1.07
55	0.43	1.03	1.54	1.78	0.21	0.52	0.81	0.99
65	0.67	1.22	-	1.49	0.33	0.63	-	0.82
	Lifetime Risk of Being Diagnosed = 1.94%				Lifetime Risk of Being Diagnosed = 1.13%			
	Lifetime Risk of Dying of Cancer = 0.63%				Lifetime Risk of Dying of Cancer = 0.33%			
ASIAN/PACIFIC ISLANDER								
0	0.01	0.01	0.01	1.46	0.01	0.01	0.02	0.81
25	0.01	0.06	0.20	1.47	0.01	0.03	0.09	0.81
35	0.05	0.19	0.45	1.46	0.02	0.08	0.19	0.80
45	0.14	0.40	0.80	1.43	0.06	0.17	0.36	0.78
55	0.27	0.68	1.04	1.32	0.12	0.31	0.53	0.74
65	0.43	0.81	-	1.12	0.20	0.42	-	0.64
	Lifetime Risk of Being Diagnosed = 1.46%				Lifetime Risk of Being Diagnosed = 0.81%			
	Lifetime Risk of Dying of Cancer = 0.55%				Lifetime Risk of Dying of Cancer = 0.27%			
NON-HISPANIC BLACK								
0	0.01	0.02	0.03	1.79	0.02	0.02	0.03	1.25
25	0.03	0.13	0.37	1.84	0.02	0.08	0.20	1.25
35	0.11	0.35	0.80	1.85	0.06	0.18	0.43	1.24
45	0.25	0.72	1.28	1.80	0.13	0.38	0.75	1.21
55	0.50	1.10	1.53	1.67	0.27	0.66	0.94	1.14
65	0.71	1.21	-	1.38	0.43	0.75	-	0.97
	Lifetime Risk of Being Diagnosed = 1.79%				Lifetime Risk of Being Diagnosed = 1.25%			
	Lifetime Risk of Dying of Cancer = 0.53%				Lifetime Risk of Dying of Cancer = 0.29%			
HISPANIC								
0	0.01	0.01	0.02	2.32	0.01	0.01	0.02	1.45
25	0.02	0.11	0.33	2.35	0.02	0.09	0.23	1.45
35	0.09	0.31	0.79	2.35	0.07	0.22	0.48	1.44
45	0.23	0.71	1.39	2.30	0.15	0.42	0.82	1.38
55	0.50	1.21	1.80	2.15	0.27	0.68	1.01	1.26
65	0.77	1.42	-	1.81	0.43	0.78	-	1.04
	Lifetime Risk of Being Diagnosed = 2.32%				Lifetime Risk of Being Diagnosed = 1.45%			
	Lifetime Risk of Dying of Cancer = 0.78%				Lifetime Risk of Dying of Cancer = 0.44%			
NON-HISPANIC WHITE								
0	0.01	0.01	0.02	1.93	0.01	0.02	0.02	1.05
25	0.02	0.11	0.32	1.95	0.01	0.06	0.15	1.05
35	0.09	0.30	0.69	1.95	0.04	0.14	0.33	1.04
45	0.21	0.62	1.20	1.90	0.10	0.29	0.58	1.00
55	0.42	1.03	1.54	1.76	0.20	0.49	0.77	0.93
65	0.68	1.25	-	1.49	0.31	0.61	-	0.78
	Lifetime Risk of Being Diagnosed = 1.93%				Lifetime Risk of Being Diagnosed = 1.05%			
	Lifetime Risk of Dying of Cancer = 0.61%				Lifetime Risk of Dying of Cancer = 0.31%			

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Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2013-2017.

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