

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year and Race/Ethnicity, California, 1988-2015, Ovarian Cancer

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
ALL RACES				
1988	2,104	16.0	1,305	9.8
1989	2,066	15.4	1,209	9.0
1990	2,140	15.6	1,306	9.6
1991	2,095	15.1	1,258	9.1
1992	2,168	15.3	1,364	9.6
1993	2,159	15.0	1,329	9.2
1994	2,132	14.7	1,422	9.7
1995	2,124	14.4	1,386	9.3
1996	2,121	14.1	1,287	8.5
1997	2,127	13.9	1,408	9.1
1998	2,239	14.3	1,384	8.8
1999	2,243	14.0	1,417	8.8
2000	2,259	13.8	1,548	9.4
2001	2,270	13.5	1,495	8.9
2002	2,350	13.7	1,503	8.8
2003	2,333	13.3	1,612	9.2
2004	2,332	13.1	1,642	9.3
2005	2,396	13.2	1,559	8.6
2006	2,385	12.9	1,531	8.3
2007	2,378	12.7	1,524	8.0
2008	2,457	12.9	1,554	8.1
2009	2,438	12.5	1,564	7.9
2010	2,389	12.0	1,542	7.7
2011	2,345	11.5	1,529	7.4
2012	2,519	12.1	1,515	7.1
2013	2,432	11.4	1,556	7.2
2014	2,459	11.4	1,575	7.0
2015	2,530	11.5	1,582	6.9
ASIAN/PACIFIC ISLANDER				
1988	107	11.0	47	4.7
1989	119	11.1	42	4.2
1990	123	11.3	52	5.4
1991	125	10.5	67	5.9
1992	136	10.4	54	4.7
1993	165	12.2	62	5.0
1994	147	10.3	68	5.2
1995	167	10.8	58	4.4
1996	164	10.8	77	5.2
1997	189	11.3	76	4.9
1998	187	10.4	71	4.4
1999	204	10.7	99	5.6
2000	216	11.1	104	5.7
2001	196	9.3	105	5.3
2002	240	11.1	114	5.5
2003	237	10.5	119	5.6
2004	243	10.2	118	5.1
2005	274	11.1	132	5.6
2006	271	10.5	123	5.0
2007	257	9.6	126	4.9
2008	302	10.9	159	5.9
2009	266	9.1	141	5.0
2010	286	9.6	150	5.1
2011	311	9.9	158	5.0
2012	323	10.0	152	4.7
2013	351	10.5	160	4.7
2014	348	10.1	150	4.2
2015	344	9.4	195	5.2

(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.

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Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
NON-HISPANIC BLACK				
1988	108	14.1	75	10.1
1989	92	11.5	59	7.5
1990	110	13.6	56	7.2
1991	103	12.7	77	9.8
1992	81	9.5	52	6.5
1993	100	11.3	55	6.9
1994	92	10.6	66	8.1
1995	112	12.8	52	6.3
1996	96	10.8	60	7.0
1997	89	9.8	84	9.5
1998	108	11.2	73	8.0
1999	106	10.9	76	8.2
2000	99	10.0	67	7.0
2001	93	9.2	62	6.4
2002	87	8.6	68	6.9
2003	111	10.5	78	8.0
2004	122	11.5	77	7.5
2005	118	10.7	89	8.8
2006	102	9.2	78	7.3
2007	124	10.9	68	6.3
2008	129	11.4	83	7.6
2009	140	12.2	104	8.9
2010	110	9.2	87	7.3
2011	123	10.3	87	7.4
2012	132	10.4	83	6.8
2013	109	8.3	79	6.2
2014	131	10.2	108	8.2
2015	125	9.2	76	5.7
HISPANIC				
1988	195	10.4	103	6.3
1989	231	12.2	106	6.2
1990	255	12.8	142	8.5
1991	251	11.6	112	6.3
1992	265	12.1	145	7.9
1993	280	12.7	146	7.8
1994	276	11.8	158	8.0
1995	250	10.3	133	6.4
1996	315	12.4	151	7.0
1997	303	12.1	155	6.7
1998	332	12.3	180	7.7
1999	299	10.7	176	7.3
2000	329	10.5	206	8.2
2001	399	12.7	209	7.6
2002	426	12.5	220	7.8
2003	395	11.7	244	8.2
2004	420	11.6	254	8.1
2005	458	11.8	235	7.0
2006	443	11.3	257	7.7
2007	464	11.1	267	7.3
2008	534	12.0	267	7.3
2009	489	10.2	304	7.6
2010	556	11.2	285	6.7
2011	537	10.3	289	6.6
2012	594	11.2	296	6.3
2013	569	10.2	324	6.6
2014	604	10.5	334	6.5
2015	598	10.0	316	6.0

(Table Continues)

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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 Females by Year and Race/Ethnicity, California, 1988-2015, Ovarian Cancer (continued)

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
NON-HISPANIC WHITE				
1988	1,686	17.6	1,075	10.8
1989	1,613	16.7	1,000	9.9
1990	1,640	16.9	1,051	10.4
1991	1,599	16.3	996	9.8
1992	1,675	16.9	1,109	10.7
1993	1,603	16.1	1,065	10.3
1994	1,602	16.0	1,127	10.7
1995	1,582	16.0	1,142	10.8
1996	1,538	15.3	998	9.3
1997	1,537	15.4	1,087	10.2
1998	1,601	15.7	1,056	9.8
1999	1,625	15.7	1,062	9.7
2000	1,598	15.4	1,169	10.6
2001	1,562	14.9	1,110	10.0
2002	1,587	15.1	1,091	9.8
2003	1,574	14.8	1,164	10.3
2004	1,537	14.4	1,188	10.6
2005	1,531	14.3	1,094	9.6
2006	1,545	14.4	1,066	9.4
2007	1,513	14.1	1,055	9.0
2008	1,474	13.8	1,039	8.9
2009	1,532	14.1	1,009	8.6
2010	1,421	13.1	1,015	8.5
2011	1,352	12.4	986	8.2
2012	1,454	13.2	978	8.0
2013	1,366	12.1	980	7.9
2014	1,357	12.2	970	7.8
2015	1,432	12.9	987	7.8

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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.

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Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Females by Age and Race/Ethnicity, California, 2011-2015, Ovarian Cancer

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2011-2015	Annual Rate	Deaths 2011-2015	Annual Rate
	Female	Female	Female	Female
ALL RACES				
00 - 04	6	0.1	1	0.0
05 - 09	13	0.2	0	0.0
10 - 14	53	0.9	1	0.0
15 - 19	95	1.5	5	0.1
20 - 24	127	1.8	17	0.2
25 - 29	170	2.4	18	0.3
30 - 34	232	3.4	36	0.5
35 - 39	311	4.9	75	1.2
40 - 44	628	9.6	147	2.2
45 - 49	992	15.2	307	4.7
50 - 54	1,437	21.6	560	8.4
55 - 59	1,532	24.9	778	12.6
60 - 64	1,498	28.4	945	17.9
65 - 69	1,398	33.6	998	24.0
70 - 74	1,123	37.1	962	31.8
75 - 79	995	43.4	940	41.0
80 - 84	791	44.0	865	48.1
85 +	884	41.2	1,102	51.3
Total/Crude	12,285	11.6	7,757	8.0
ASIAN/PACIFIC ISLANDER				
00 - 04	2	0.3	1	0.1
05 - 09	3	0.4	0	0.0
10 - 14	4	0.5	0	0.0
15 - 19	7	0.9	0	0.0
20 - 24	21	2.2	2	0.2
25 - 29	28	2.5	6	0.5
30 - 34	41	3.5	7	0.6
35 - 39	52	4.5	14	1.2
40 - 44	135	11.4	32	2.7
45 - 49	209	19.1	53	4.9
50 - 54	251	23.5	87	8.1
55 - 59	243	24.2	108	10.7
60 - 64	184	21.2	115	13.3
65 - 69	148	22.8	98	15.1
70 - 74	100	21.3	65	13.8
75 - 79	108	29.5	85	23.2
80 - 84	76	27.9	67	24.6
85 +	65	23.3	75	26.9
Total/Crude	1,677	10.0	815	5.5

(Table Continues)

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Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Females by Age and Race/Ethnicity, California, 2011-2015, Ovarian Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2011-2015	Annual Rate	Deaths 2011-2015	Annual Rate
	Female	Female	Female	Female
NON-HISPANIC BLACK				
00 - 04	0	0.0	0	0.0
05 - 09	2	0.5	0	0.0
10 - 14	2	0.5	0	0.0
15 - 19	12	2.7	0	0.0
20 - 24	5	1.0	0	0.0
25 - 29	6	1.3	2	0.5
30 - 34	18	4.5	4	1.0
35 - 39	14	3.8	3	0.8
40 - 44	25	6.3	12	3.0
45 - 49	64	15.0	22	5.2
50 - 54	76	16.9	41	9.1
55 - 59	79	19.8	48	12.0
60 - 64	82	25.4	58	18.0
65 - 69	71	29.6	68	28.3
70 - 74	57	32.0	59	33.1
75 - 79	42	31.6	50	37.6
80 - 84	34	37.3	32	35.2
85 +	31	31.3	34	34.3
Total/Crude	620	9.7	433	7.1
HISPANIC				
00 - 04	3	0.1	0	0.0
05 - 09	6	0.2	0	0.0
10 - 14	34	1.1	0	0.0
15 - 19	55	1.7	3	0.1
20 - 24	63	2.0	9	0.3
25 - 29	84	2.9	9	0.3
30 - 34	93	3.3	20	0.7
35 - 39	127	4.8	29	1.1
40 - 44	235	9.2	62	2.4
45 - 49	296	13.0	103	4.5
50 - 54	358	18.1	156	7.9
55 - 59	361	22.6	186	11.6
60 - 64	332	27.8	199	16.7
65 - 69	244	28.5	181	21.1
70 - 74	209	34.2	175	28.6
75 - 79	166	36.7	165	36.5
80 - 84	124	37.5	122	36.9
85 +	112	35.2	140	44.1
Total/Crude	2,902	10.4	1,559	4.3

(Table Continues)

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Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Females by Age and Race/Ethnicity, California, 2011-2015, Ovarian Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	<u>New Cases 2011-2015</u>	<u>Annual Rate</u>	<u>Deaths 2011-2015</u>	<u>Annual Rate</u>
	Female	Female	Female	Female
NON-HISPANIC WHITE				
00 - 04	1	0.1	0	0.0
05 - 09	1	0.1	0	0.0
10 - 14	12	0.7	1	0.1
15 - 19	18	0.9	2	0.1
20 - 24	36	1.6	6	0.3
25 - 29	49	2.0	1	0.0
30 - 34	74	3.1	4	0.2
35 - 39	115	5.4	29	1.4
40 - 44	225	9.5	41	1.7
45 - 49	409	15.2	127	4.7
50 - 54	737	23.7	274	8.8
55 - 59	828	26.6	428	13.8
60 - 64	888	31.2	563	19.8
65 - 69	925	38.7	646	27.0
70 - 74	748	42.7	661	37.8
75 - 79	669	50.2	628	47.2
80 - 84	554	50.5	639	58.3
85 +	672	46.5	851	58.9
Total/Crude	6,961	12.5	4,901	12.7

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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, Ovarian Cancer

Current Age	Females			
	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES				
0	0.00	0.01	0.03	1.28
25	0.03	0.10	0.27	1.27
35	0.07	0.24	0.48	1.25
45	0.17	0.41	0.71	1.19
55	0.25	0.55	0.85	1.05
65	0.32	0.64	-	0.85
Lifetime Risk of Being Diagnosed = 1.28%				
Lifetime Risk of Dying of Cancer = 1.01%				
ASIAN/PACIFIC ISLANDER				
0	0.00	0.01	0.03	1.12
25	0.03	0.11	0.30	1.11
35	0.08	0.27	0.48	1.09
45	0.20	0.41	0.60	1.01
55	0.21	0.41	0.64	0.83
65	0.21	0.44	-	0.64
Lifetime Risk of Being Diagnosed = 1.12%				
Lifetime Risk of Dying of Cancer = 0.74%				
NON-HISPANIC BLACK				
0	0.00	0.02	0.03	0.93
25	0.03	0.08	0.22	0.92
35	0.05	0.19	0.38	0.90
45	0.14	0.33	0.56	0.87
55	0.20	0.44	0.64	0.77
65	0.27	0.49	-	0.62
Lifetime Risk of Being Diagnosed = 0.93%				
Lifetime Risk of Dying of Cancer = 0.78%				
HISPANIC				
0	0.00	0.02	0.04	1.19
25	0.03	0.10	0.24	1.18
35	0.07	0.21	0.44	1.15
45	0.15	0.37	0.64	1.09
55	0.23	0.50	0.76	0.97
65	0.28	0.56	-	0.77
Lifetime Risk of Being Diagnosed = 1.19%				
Lifetime Risk of Dying of Cancer = 0.94%				
NON-HISPANIC WHITE				
0	0.00	0.01	0.03	1.37
25	0.03	0.10	0.27	1.37
35	0.07	0.25	0.51	1.35
45	0.18	0.44	0.78	1.30
55	0.27	0.62	0.95	1.15
65	0.37	0.72	-	0.94
Lifetime Risk of Being Diagnosed = 1.37%				
Lifetime Risk of Dying of Cancer = 1.10%				

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 Source: California Cancer Registry (January 2018) and CDPH Center for Health Statistics Death Master Files.
 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2011-2015.
 Excludes cases reported by the Department of Veterans Affairs.
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