

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year and Race/Ethnicity, California, 1988-2017, Ovarian Cancer

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
ALL RACES				
1988	2,105	16.0	1,305	9.8
1989	2,068	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	2,169	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	2,126	14.5	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	2,245	14.0	1,417	8.8
2000	2,260	13.8	1,548	9.4
2001	2,272	13.5	1,495	8.9
2002	2,351	13.7	1,503	8.8
2003	2,335	13.4	1,612	9.2
2004	2,335	13.1	1,642	9.3
2005	2,399	13.2	1,559	8.6
2006	2,392	13.0	1,531	8.3
2007	2,386	12.7	1,524	8.0
2008	2,459	12.9	1,554	8.1
2009	2,446	12.5	1,564	7.9
2010	2,401	12.1	1,542	7.7
2011	2,359	11.6	1,529	7.4
2012	2,535	12.2	1,515	7.2
2013	2,444	11.5	1,556	7.2
2014	2,487	11.6	1,575	7.1
2015	2,581	11.8	1,582	6.9
2016	2,466	11.0	1,649	7.1
2017	2,399	10.5	1,636	6.8

(Table Continues)

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

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.

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 Females by Year and Race/Ethnicity, California, 1988-2017, Ovarian Cancer (continued)

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
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	165	10.8	77	5.2
1997	189	11.3	76	4.9
1998	187	10.4	71	4.4
1999	207	10.8	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	245	10.3	118	5.1
2005	274	11.1	132	5.6
2006	271	10.5	123	5.0
2007	259	9.6	126	4.9
2008	303	10.9	159	5.9
2009	266	9.1	141	5.0
2010	288	9.7	150	5.1
2011	317	10.1	158	5.0
2012	327	10.1	152	4.7
2013	350	10.5	160	4.8
2014	353	10.3	150	4.2
2015	351	9.7	195	5.2
2016	335	8.9	197	5.1
2017	349	8.9	200	5.0

(Table Continues)

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Note: In situ cancers are excluded, unless specified.

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Rates based on fewer than 15 cases or deaths are not shown.

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Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year and Race/Ethnicity, California, 1988-2017, Ovarian Cancer (continued)

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	113	12.9	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	101	10.2	67	7.0
2001	93	9.2	62	6.4
2002	87	8.6	68	6.9
2003	112	10.6	78	8.0
2004	122	11.5	77	7.5
2005	118	10.7	89	8.8
2006	103	9.3	78	7.3
2007	124	10.9	68	6.3
2008	130	11.5	83	7.6
2009	140	12.2	104	8.9
2010	109	9.1	87	7.3
2011	124	10.4	87	7.4
2012	135	10.7	83	6.8
2013	111	8.6	79	6.3
2014	133	10.3	108	8.2
2015	129	9.6	76	5.8
2016	130	9.8	86	6.1
2017	130	9.4	102	7.2

(Table Continues)

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Note: In situ cancers are excluded, unless specified.

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Rates based on fewer than 15 cases or deaths are not shown.

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Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year and Race/Ethnicity, California, 1988-2017, Ovarian Cancer (continued)

Year of Diagnosis or Death	Incidence		Mortality	
	New Cases	Annual Rate	Deaths	Annual Rate
	Female	Female	Female	Female
HISPANIC				
1988	196	10.5	103	6.3
1989	234	12.3	106	6.2
1990	254	12.8	142	8.5
1991	248	11.5	112	6.3
1992	265	12.1	145	7.9
1993	281	12.6	146	7.8
1994	275	11.8	158	8.0
1995	253	10.4	133	6.4
1996	313	12.4	151	7.0
1997	301	12.0	155	6.7
1998	331	12.2	180	7.7
1999	295	10.5	176	7.3
2000	328	10.5	206	8.2
2001	396	12.7	209	7.6
2002	425	12.4	220	7.8
2003	395	11.7	244	8.2
2004	422	11.7	254	8.1
2005	459	11.8	235	7.0
2006	441	11.3	257	7.7
2007	462	11.0	267	7.3
2008	537	12.1	267	7.3
2009	491	10.2	304	7.6
2010	559	11.2	285	6.7
2011	539	10.4	289	6.6
2012	603	11.4	296	6.4
2013	575	10.4	324	6.6
2014	611	10.7	334	6.5
2015	620	10.5	316	6.0
2016	648	10.6	339	6.2
2017	635	10.2	359	6.3

(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.

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

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 Females by Year and Race/Ethnicity, California, 1988-2017, 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	1,611	16.7	1,000	9.9
1990	1,641	16.9	1,051	10.4
1991	1,603	16.4	996	9.8
1992	1,677	17.0	1,109	10.7
1993	1,602	16.1	1,065	10.3
1994	1,603	16.0	1,127	10.7
1995	1,580	16.0	1,142	10.8
1996	1,539	15.3	998	9.3
1997	1,539	15.4	1,087	10.2
1998	1,602	15.7	1,056	9.8
1999	1,629	15.7	1,062	9.7
2000	1,598	15.4	1,169	10.6
2001	1,567	15.0	1,110	10.0
2002	1,591	15.2	1,091	9.8
2003	1,577	14.9	1,164	10.3
2004	1,536	14.4	1,188	10.6
2005	1,533	14.3	1,094	9.6
2006	1,553	14.5	1,066	9.4
2007	1,521	14.2	1,055	9.0
2008	1,473	13.7	1,039	8.9
2009	1,538	14.2	1,009	8.6
2010	1,429	13.2	1,015	8.5
2011	1,361	12.5	986	8.2
2012	1,457	13.2	978	8.0
2013	1,372	12.1	980	7.9
2014	1,375	12.4	970	7.8
2015	1,453	13.1	987	7.8
2016	1,328	11.9	1,010	8.0
2017	1,248	11.0	962	7.5

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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.

Rates based on fewer than 15 cases or deaths are not shown.

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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, 2013-2017, Ovarian Cancer

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2013-2017	Annual Rate	Deaths 2013-2017	Annual Rate
	Female	Female	Female	Female
ALL RACES				
00 - 04	9	0.1	1	0.0
05 - 09	13	0.2	0	0.0
10 - 14	56	0.9	0	0.0
15 - 19	89	1.4	6	0.1
20 - 24	125	1.8	16	0.2
25 - 29	166	2.3	17	0.2
30 - 34	240	3.5	38	0.6
35 - 39	342	5.3	74	1.1
40 - 44	602	9.4	142	2.2
45 - 49	945	14.6	305	4.7
50 - 54	1,326	20.1	546	8.3
55 - 59	1,536	24.3	825	13.0
60 - 64	1,504	27.2	1,024	18.6
65 - 69	1,511	33.1	1,088	23.9
70 - 74	1,187	35.8	985	29.7
75 - 79	1,001	41.4	968	40.0
80 - 84	835	46.0	850	46.8
85 +	890	39.8	1,113	49.7
Total/Crude	12,377	12.6	7,998	8.2
ASIAN/PACIFIC ISLANDER				
00 - 04	2	0.3	1	0.1
05 - 09	1	0.1	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	22	1.8	4	0.3
30 - 34	41	3.3	9	0.7
35 - 39	61	5.1	11	0.9
40 - 44	123	10.1	33	2.7
45 - 49	207	18.2	62	5.5
50 - 54	248	22.7	95	8.7
55 - 59	252	24.0	122	11.6
60 - 64	198	21.2	126	13.5
65 - 69	185	24.5	111	14.7
70 - 74	111	21.3	64	12.3
75 - 79	102	25.8	99	25.1
80 - 84	85	29.0	75	25.6
85 +	68	21.1	88	27.3
Total/Crude	1,738	11.3	902	5.8

(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, 2013-2017, Ovarian Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	New Cases 2013-2017	Annual Rate	Deaths 2013-2017	Annual Rate
	Female	Female	Female	Female
NON-HISPANIC BLACK				
00 - 04	1	0.3	0	0.0
05 - 09	0	0.0	0	0.0
10 - 14	1	0.3	0	0.0
15 - 19	9	2.1	0	0.0
20 - 24	8	1.7	2	0.4
25 - 29	6	1.3	2	0.4
30 - 34	18	4.4	4	1.0
35 - 39	20	5.2	4	1.1
40 - 44	23	6.2	11	2.9
45 - 49	48	11.8	16	3.9
50 - 54	78	17.7	42	9.5
55 - 59	97	23.2	57	13.6
60 - 64	74	21.8	66	19.4
65 - 69	78	29.4	72	27.2
70 - 74	56	29.7	60	31.9
75 - 79	40	28.5	45	32.0
80 - 84	40	41.3	34	35.1
85 +	36	34.3	36	34.4
Total/Crude	633	10.4	451	7.4
HISPANIC				
00 - 04	3	0.1	0	0.0
05 - 09	9	0.3	0	0.0
10 - 14	34	1.1	0	0.0
15 - 19	51	1.6	4	0.1
20 - 24	63	1.9	7	0.2
25 - 29	80	2.7	6	0.2
30 - 34	100	3.6	18	0.6
35 - 39	143	5.3	28	1.0
40 - 44	233	9.0	66	2.6
45 - 49	304	12.9	103	4.4
50 - 54	363	17.5	162	7.8
55 - 59	375	21.8	207	12.0
60 - 64	358	27.1	218	16.5
65 - 69	304	31.7	201	20.9
70 - 74	223	33.1	197	29.3
75 - 79	164	33.9	159	32.9
80 - 84	152	43.8	134	38.7
85 +	130	35.7	162	44.6
Total/Crude	3,089	8.2	1,672	4.5

(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, 2013-2017, Ovarian Cancer (continued)

Age at Diagnosis or Death	Incidence		Mortality	
	<u>New Cases 2013-2017</u>	<u>Annual Rate</u>	<u>Deaths 2013-2017</u>	<u>Annual Rate</u>
	Female	Female	Female	Female
NON-HISPANIC WHITE				
00 - 04	3	0.2	0	0.0
05 - 09	2	0.1	0	0.0
10 - 14	16	0.9	0	0.0
15 - 19	21	1.1	2	0.1
20 - 24	29	1.3	5	0.2
25 - 29	53	2.1	4	0.2
30 - 34	77	3.2	6	0.3
35 - 39	114	5.2	31	1.4
40 - 44	213	9.7	31	1.4
45 - 49	371	14.6	121	4.8
50 - 54	625	21.2	240	8.2
55 - 59	791	25.5	432	13.9
60 - 64	856	29.6	602	20.8
65 - 69	926	36.3	695	27.2
70 - 74	787	41.0	661	34.4
75 - 79	685	49.4	655	47.2
80 - 84	554	51.7	601	56.1
85 +	653	45.3	823	57.2
Total/Crude	6,776	17.6	4,909	12.8

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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	1.25
25	0.03	0.10	0.26	1.25
35	0.07	0.23	0.46	1.22
45	0.16	0.40	0.68	1.17
55	0.24	0.54	0.83	1.03
65	0.31	0.63	-	0.83
Lifetime Risk of Being Diagnosed = 1.25%				
Lifetime Risk of Dying of Cancer = 0.99%				
ASIAN/PACIFIC ISLANDER				
0	0.00	0.01	0.03	1.08
25	0.03	0.10	0.28	1.07
35	0.08	0.26	0.47	1.05
45	0.19	0.40	0.60	0.98
55	0.21	0.42	0.63	0.81
65	0.22	0.43	-	0.61
Lifetime Risk of Being Diagnosed = 1.08%				
Lifetime Risk of Dying of Cancer = 0.76%				
NON-HISPANIC BLACK				
0	0.00	0.01	0.03	0.93
25	0.03	0.08	0.22	0.93
35	0.06	0.19	0.39	0.91
45	0.14	0.34	0.55	0.87
55	0.21	0.43	0.64	0.77
65	0.25	0.47	-	0.62
Lifetime Risk of Being Diagnosed = 0.93%				
Lifetime Risk of Dying of Cancer = 0.77%				
HISPANIC				
0	0.00	0.02	0.04	1.21
25	0.03	0.10	0.24	1.20
35	0.07	0.21	0.43	1.17
45	0.14	0.37	0.64	1.11
55	0.23	0.50	0.77	0.99
65	0.29	0.57	-	0.80
Lifetime Risk of Being Diagnosed = 1.21%				
Lifetime Risk of Dying of Cancer = 0.95%				
NON-HISPANIC WHITE				
0	0.00	0.01	0.03	1.33
25	0.03	0.10	0.26	1.33
35	0.07	0.24	0.48	1.31
45	0.17	0.42	0.74	1.25
55	0.26	0.59	0.92	1.12
65	0.35	0.71	-	0.92
Lifetime Risk of Being Diagnosed = 1.33%				
Lifetime Risk of Dying of Cancer = 1.08%				

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.
 Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.
 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2013-2017.
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