

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, Invasive Breast 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	17,124	107	17,017	72.4	1.1	131.3	4,145	24	4,121	17.8	0.3	31.7
1989	16,666	101	16,565	69.1	1.0	125.5	4,279	21	4,258	18.1	0.2	32.3
1990	17,534	137	17,397	71.2	1.2	129.4	4,310	18	4,292	17.8	0.2	31.8
1991	17,740	95	17,645	70.7	0.9	129.0	4,319	24	4,295	17.6	0.2	31.4
1992	18,460	115	18,345	72.0	1.0	131.1	4,141	25	4,116	16.5	0.2	29.4
1993	18,106	125	17,981	69.5	1.2	126.7	4,339	29	4,310	16.9	0.3	30.2
1994	18,414	133	18,281	69.6	1.2	127.3	4,441	37	4,404	17.1	0.3	30.4
1995	19,027	104	18,923	70.8	0.9	129.8	4,276	35	4,241	16.2	0.3	28.8
1996	19,799	121	19,678	72.4	1.0	133.1	4,332	37	4,295	16.0	0.3	28.7
1997	20,375	124	20,251	72.6	1.1	133.4	4,123	33	4,090	14.9	0.3	26.7
1998	21,261	128	21,133	73.8	1.1	136.0	4,125	30	4,095	14.5	0.3	26.1
1999	22,038	138	21,900	74.5	1.1	137.3	4,065	26	4,039	14.0	0.2	25.0
2000	22,075	155	21,920	72.9	1.2	134.4	4,263	40	4,223	14.3	0.3	25.6
2001	22,381	160	22,221	72.2	1.2	133.2	4,220	35	4,185	13.8	0.3	24.8
2002	22,574	112	22,462	71.2	0.8	131.8	4,154	38	4,116	13.4	0.3	23.9
2003	21,378	142	21,236	65.7	1.0	121.8	4,216	32	4,184	13.2	0.2	23.8
2004	21,453	123	21,330	64.6	0.9	120.1	4,238	28	4,210	13.0	0.2	23.5
2005	22,206	143	22,063	65.6	1.0	122.0	4,186	28	4,158	12.6	0.2	22.8
2006	22,343	170	22,173	65.1	1.2	121.2	4,197	35	4,162	12.4	0.3	22.4
2007	23,361	146	23,215	66.7	1.0	124.3	4,237	31	4,206	12.3	0.2	22.2
2008	24,129	161	23,968	67.4	1.0	125.8	4,215	27	4,188	11.9	0.2	21.5
2009	24,194	172	24,022	66.2	1.1	123.6	4,412	26	4,386	12.2	0.2	22.1
2010	23,902	177	23,725	63.9	1.1	119.3	4,252	27	4,225	11.4	0.2	20.6
2011	24,992	185	24,807	65.3	1.1	122.4	4,282	36	4,246	11.3	0.2	20.5
2012	25,408	174	25,234	64.8	1.0	121.6	4,493	29	4,464	11.5	0.2	21.0
2013	25,876	179	25,697	64.5	1.0	121.3	4,407	46	4,361	11.0	0.3	19.9
2014	25,801	187	25,614	63.0	1.0	118.3	4,460	33	4,427	10.9	0.2	19.9
ASIAN/PACIFIC ISLANDER												
1988	738	2	736	41.6	-	77.0	125	0	125	7.3	-	13.5
1989	771	1	770	40.1	-	74.4	166	1	165	9.0	-	16.6
1990	929	4	925	44.8	-	82.9	164	0	164	8.5	-	15.8
1991	886	3	883	39.4	-	73.0	196	1	195	9.6	-	17.5
1992	1,056	10	1,046	46.0	-	83.8	145	1	144	6.6	-	11.9
1993	1,056	7	1,049	42.4	-	77.5	179	2	177	7.6	-	13.7
1994	1,131	5	1,126	42.6	-	77.9	212	0	212	9.0	-	16.4
1995	1,269	3	1,266	45.4	-	83.1	225	1	224	8.2	-	14.9
1996	1,411	6	1,405	48.0	-	87.7	202	1	201	7.5	-	13.5
1997	1,550	8	1,542	50.0	-	91.2	222	1	221	7.5	-	13.6
1998	1,651	6	1,645	49.7	-	90.9	256	0	256	8.0	-	14.7
1999	1,793	11	1,782	51.7	-	94.0	238	1	237	7.2	-	13.1
2000	1,830	3	1,827	50.0	-	91.5	264	2	262	7.5	-	13.5
2001	1,912	11	1,901	50.1	-	91.0	302	2	300	8.4	-	15.0
2002	2,132	9	2,123	53.2	-	96.8	313	4	309	8.3	-	14.7
2003	2,041	8	2,033	48.7	-	88.4	318	1	317	7.9	-	14.2
2004	2,261	4	2,257	51.5	-	93.7	347	1	346	8.2	-	14.7
2005	2,369	10	2,359	52.0	-	94.2	347	2	345	8.0	-	14.3
2006	2,419	20	2,399	51.2	1.0	92.2	348	2	346	7.6	-	13.6
2007	2,620	8	2,612	53.3	-	96.6	349	1	348	7.4	-	13.2
2008	2,869	12	2,857	56.2	-	101.5	373	2	371	7.4	-	13.2
2009	2,805	21	2,784	53.0	0.9	95.5	383	0	383	7.4	-	13.3
2010	2,977	16	2,961	53.9	0.7	97.4	427	3	424	7.9	-	14.0
2011	3,121	5	3,116	54.8	-	99.3	420	4	416	7.4	-	13.2
2012	3,270	15	3,255	54.8	0.6	99.1	437	3	434	7.5	-	13.3
2013	3,452	13	3,439	55.7	-	101.0	434	6	428	7.2	-	12.6
2014	3,429	16	3,413	53.5	0.6	96.7	472	2	470	7.3	-	13.0

(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, Invasive Breast 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	979	10	969	71.3	-	126.0	306	2	304	21.9	-	39.1
1989	899	8	891	63.3	-	112.6	309	2	307	22.7	-	40.0
1990	975	8	967	67.7	-	120.1	328	0	328	24.0	-	42.1
1991	1,001	7	994	67.3	-	120.4	307	0	307	21.8	-	38.5
1992	1,039	3	1,036	68.9	-	122.8	321	2	319	22.4	-	39.1
1993	1,047	9	1,038	66.5	-	119.5	311	3	308	21.1	-	36.8
1994	1,091	10	1,081	69.3	-	123.5	339	3	336	22.5	-	39.5
1995	1,109	7	1,102	70.1	-	124.5	350	3	347	22.8	-	39.9
1996	1,158	12	1,146	71.0	-	126.5	355	4	351	21.6	-	38.5
1997	1,192	12	1,180	71.8	-	127.5	353	5	348	21.7	-	37.9
1998	1,203	7	1,196	70.4	-	126.1	338	2	336	20.0	-	35.6
1999	1,311	13	1,298	72.8	-	131.4	312	4	308	18.3	-	32.0
2000	1,328	17	1,311	72.7	2.2	130.3	361	5	356	20.5	-	35.9
2001	1,316	14	1,302	71.1	-	126.9	355	4	351	19.4	-	34.3
2002	1,337	12	1,325	69.8	-	126.1	342	1	341	19.0	-	33.4
2003	1,326	13	1,313	68.3	-	122.7	358	4	354	18.9	-	33.5
2004	1,423	10	1,413	71.4	-	129.2	389	4	385	20.3	-	35.9
2005	1,414	8	1,406	69.8	-	126.5	382	2	380	19.7	-	35.0
2006	1,431	14	1,417	69.2	-	125.4	355	5	350	18.0	-	31.5
2007	1,555	17	1,538	74.9	2.1	135.3	394	2	392	19.8	-	35.2
2008	1,532	13	1,519	72.4	-	131.5	368	4	364	17.9	-	31.8
2009	1,567	10	1,557	71.9	-	131.8	403	2	401	19.1	-	34.0
2010	1,519	12	1,507	68.7	-	125.5	398	3	395	18.1	-	32.6
2011	1,653	12	1,641	72.6	-	132.9	402	4	398	18.6	-	33.1
2012	1,638	20	1,618	70.3	2.2	128.5	392	4	388	17.7	-	31.5
2013	1,646	16	1,630	70.1	1.5	128.2	389	11	378	17.0	-	29.8
2014	1,719	22	1,697	70.7	2.0	129.4	402	5	397	17.0	-	30.3
HISPANIC												
1988	1,526	10	1,516	47.2	-	86.6	344	0	344	10.7	-	19.8
1989	1,594	7	1,587	46.0	-	85.0	399	1	398	12.6	-	23.0
1990	1,624	6	1,618	45.8	-	83.8	409	1	408	12.0	-	21.7
1991	1,750	8	1,742	46.8	-	85.5	379	2	377	10.5	-	19.1
1992	1,863	10	1,853	47.4	-	86.6	432	1	431	12.1	-	21.8
1993	1,845	9	1,836	45.2	-	82.8	449	0	449	11.8	-	21.4
1994	1,948	11	1,937	45.8	-	84.0	460	2	458	11.7	-	21.1
1995	2,036	4	2,032	46.1	-	84.9	450	4	446	11.5	-	20.3
1996	2,169	6	2,163	47.6	-	87.5	514	5	509	12.2	-	21.7
1997	2,293	7	2,286	47.7	-	87.6	500	0	500	11.2	-	20.3
1998	2,508	13	2,495	50.0	-	91.5	522	3	519	11.1	-	19.9
1999	2,657	15	2,642	50.4	0.9	92.1	518	2	516	10.8	-	19.3
2000	2,769	8	2,761	48.9	-	90.1	524	7	517	10.2	-	18.1
2001	2,888	12	2,876	48.2	-	88.7	590	3	587	11.0	-	19.7
2002	3,019	13	3,006	48.8	-	89.6	564	5	559	10.0	-	17.9
2003	3,121	13	3,108	47.3	-	87.2	629	3	626	10.5	-	18.9
2004	3,156	8	3,148	45.3	-	83.8	630	4	626	10.3	-	18.4
2005	3,451	15	3,436	47.7	0.6	88.1	596	1	595	9.2	-	16.6
2006	3,532	22	3,510	46.9	0.8	86.4	633	4	629	9.2	-	16.5
2007	3,797	14	3,783	48.3	-	89.3	691	4	687	9.8	-	17.6
2008	4,061	11	4,050	49.2	-	91.5	682	2	680	9.5	-	17.0
2009	4,134	18	4,116	47.8	0.5	88.8	772	4	768	10.0	-	18.0
2010	4,124	17	4,107	45.8	0.6	85.1	707	3	704	8.8	-	15.9
2011	4,619	22	4,597	48.8	0.6	90.9	745	7	738	8.9	-	16.0
2012	4,679	18	4,661	47.1	0.5	88.1	795	2	793	8.8	-	16.0
2013	4,986	22	4,964	48.5	0.7	90.7	879	4	875	9.5	-	17.2
2014	4,983	28	4,955	46.6	0.7	87.2	875	7	868	8.8	-	16.0

(Table Continues)

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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.

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, Invasive Breast 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	13,734	85	13,649	79.3	1.1	144.5	3,360	22	3,338	19.4	0.3	34.7
1989	13,250	84	13,166	75.8	1.1	138.1	3,392	17	3,375	19.4	0.2	34.7
1990	13,850	117	13,733	78.1	1.4	142.7	3,401	16	3,385	19.2	0.2	34.3
1991	13,960	75	13,885	78.2	0.9	143.5	3,427	21	3,406	19.2	0.3	34.2
1992	14,339	90	14,249	79.4	1.1	145.6	3,229	21	3,208	17.8	0.3	31.9
1993	13,974	95	13,879	77.0	1.2	141.5	3,393	24	3,369	18.5	0.3	33.2
1994	14,079	105	13,974	77.6	1.3	143.1	3,417	32	3,385	18.6	0.4	33.2
1995	14,401	89	14,312	78.8	1.1	145.7	3,235	27	3,208	17.5	0.3	31.4
1996	14,834	96	14,738	80.8	1.2	150.0	3,251	27	3,224	17.4	0.3	31.3
1997	15,134	94	15,040	81.1	1.1	150.5	3,033	27	3,006	16.0	0.3	28.9
1998	15,666	99	15,567	82.8	1.2	154.3	2,997	25	2,972	15.6	0.3	28.2
1999	16,105	96	16,009	83.9	1.1	156.4	2,983	19	2,964	15.2	0.2	27.3
2000	15,969	125	15,844	82.4	1.5	153.6	3,100	26	3,074	15.6	0.3	28.2
2001	16,045	123	15,922	82.1	1.4	153.5	2,960	26	2,934	14.8	0.3	26.7
2002	15,885	76	15,809	80.4	0.8	151.0	2,924	28	2,896	14.5	0.3	26.1
2003	14,690	106	14,584	73.8	1.2	138.8	2,883	24	2,859	14.1	0.3	25.6
2004	14,419	101	14,318	72.2	1.1	136.0	2,856	19	2,837	13.9	0.2	25.2
2005	14,762	110	14,652	73.5	1.2	138.7	2,844	23	2,821	13.7	0.2	25.0
2006	14,700	112	14,588	73.4	1.2	138.8	2,841	23	2,818	13.6	0.3	24.8
2007	15,126	103	15,023	74.9	1.1	142.0	2,783	22	2,761	13.2	0.2	24.0
2008	15,378	123	15,255	75.6	1.3	143.5	2,780	19	2,761	13.0	0.2	23.9
2009	15,458	121	15,337	75.5	1.2	143.6	2,833	20	2,813	13.2	0.2	24.4
2010	14,989	129	14,860	72.4	1.3	137.8	2,701	18	2,683	12.3	0.2	22.5
2011	15,278	146	15,132	73.6	1.5	140.3	2,683	21	2,662	12.2	0.2	22.5
2012	15,423	117	15,306	73.4	1.1	140.5	2,835	19	2,816	12.7	0.2	23.4
2013	15,367	122	15,245	72.4	1.2	138.7	2,686	25	2,661	11.9	0.2	21.9
2014	15,272	118	15,154	71.5	1.1	137.2	2,674	18	2,656	11.8	0.2	21.9

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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, 2010-2014, Invasive Breast 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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	2	0	2	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	11	0	11	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
20 - 24	96	0	96	0.7	0.0	1.4	6	0	6	0.0	0.0	0.1
25 - 29	617	1	616	4.4	0.0	9.0	46	0	46	0.3	0.0	0.7
30 - 34	1,672	5	1,667	12.4	0.1	25.1	154	1	153	1.1	0.0	2.3
35 - 39	3,574	9	3,565	28.1	0.1	56.3	393	3	390	3.1	0.1	6.2
40 - 44	7,685	15	7,670	58.4	0.2	116.9	803	2	801	6.1	0.0	12.2
45 - 49	11,944	35	11,909	90.9	0.5	181.3	1,274	10	1,264	9.7	0.2	19.3
50 - 54	14,418	56	14,362	110.0	0.9	216.9	1,948	9	1,939	14.9	0.1	29.3
55 - 59	15,502	71	15,431	132.2	1.2	256.3	2,365	16	2,349	20.2	0.3	39.0
60 - 64	16,878	115	16,763	171.8	2.5	327.3	2,645	17	2,628	26.9	0.4	51.3
65 - 69	16,541	170	16,371	222.6	4.9	415.9	2,441	27	2,414	32.9	0.8	61.3
70 - 74	12,852	132	12,720	241.0	5.4	439.3	2,105	25	2,080	39.5	1.0	71.8
75 - 79	9,721	103	9,618	242.6	5.8	429.6	2,129	18	2,111	53.1	1.0	94.3
80 - 84	7,201	104	7,097	234.4	8.1	395.8	2,073	21	2,052	67.5	1.6	114.4
85 +	7,265	86	7,179	223.9	7.5	343.0	3,512	22	3,490	108.2	1.9	166.8
Total/Crude	125,979	902	125,077	66.2	1.0	130.6	21,894	171	21,723	11.5	0.2	22.7
ASIAN/PACIFIC ISLANDER												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	9	0	9	0.5	0.0	0.9	0	0	0	0.0	0.0	0.0
25 - 29	87	1	86	4.1	0.1	7.9	5	0	5	0.2	0.0	0.5
30 - 34	304	0	304	14.3	0.0	27.0	17	0	17	0.8	0.0	1.5
35 - 39	695	1	694	32.5	0.1	60.6	53	0	53	2.5	0.0	4.6
40 - 44	1,426	2	1,424	66.5	0.2	123.5	117	1	116	5.5	0.1	10.1
45 - 49	2,038	7	2,031	101.4	0.8	188.7	192	0	192	9.6	0.0	17.8
50 - 54	2,206	5	2,201	113.3	0.6	209.5	252	1	251	12.9	0.1	23.9
55 - 59	2,152	5	2,147	121.1	0.6	220.7	284	3	281	16.0	0.4	28.9
60 - 64	2,185	12	2,173	145.2	1.8	262.2	319	1	318	21.2	0.2	38.4
65 - 69	1,890	6	1,884	174.5	1.2	315.5	234	2	232	21.6	0.4	38.9
70 - 74	1,327	8	1,319	164.8	2.2	294.7	192	4	188	23.9	1.1	42.0
75 - 79	876	10	866	143.4	3.8	247.0	170	4	166	27.8	1.5	47.4
80 - 84	588	4	584	134.3	2.3	223.2	147	0	147	33.6	0.0	56.2
85 +	466	4	462	114.0	2.6	180.0	208	2	206	50.9	1.3	80.2
Total/Crude	16,249	65	16,184	59.4	0.5	112.6	2,190	18	2,172	8.0	0.1	15.1

(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.
 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, Invasive Breast 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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	2	0	2	0.2	0.0	0.5	0	0	0	0.0	0.0	0.0
15 - 19	1	0	1	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
20 - 24	8	0	8	0.8	0.0	1.6	3	0	3	0.3	0.0	0.6
25 - 29	66	0	66	7.5	0.0	15.3	5	0	5	0.6	0.0	1.2
30 - 34	141	1	140	17.5	0.2	35.3	30	0	30	3.7	0.0	7.6
35 - 39	231	2	229	31.3	0.5	61.8	51	1	50	6.9	0.3	13.5
40 - 44	479	1	478	59.4	0.3	118.3	107	0	107	13.3	0.0	26.5
45 - 49	824	7	817	94.8	1.6	186.7	157	3	154	18.1	0.7	35.2
50 - 54	1,076	8	1,068	121.1	1.8	237.5	214	1	213	24.1	0.2	47.4
55 - 59	1,126	10	1,116	149.6	2.7	288.1	263	3	260	34.9	0.8	67.1
60 - 64	1,090	9	1,081	185.4	3.3	345.0	276	5	271	46.9	1.8	86.5
65 - 69	982	16	966	237.0	8.6	423.3	205	5	200	49.5	2.7	87.6
70 - 74	787	13	774	256.3	9.7	448.0	156	2	154	50.8	1.5	89.1
75 - 79	609	6	603	271.1	6.2	469.2	155	2	153	69.0	2.1	119.1
80 - 84	362	5	357	251.3	9.0	402.3	163	4	159	113.2	7.2	179.2
85 +	391	4	387	277.4	9.0	401.5	198	1	197	140.5	2.2	204.4
Total/Crude	8,175	82	8,093	68.3	1.4	133.8	1,983	27	1,956	16.6	0.5	32.3
HISPANIC												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	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	5	0	5	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
20 - 24	38	0	38	0.6	0.0	1.2	2	0	2	0.0	0.0	0.1
25 - 29	212	0	212	3.6	0.0	7.5	22	0	22	0.4	0.0	0.8
30 - 34	559	2	557	9.8	0.1	20.2	59	1	58	1.0	0.0	2.1
35 - 39	1,208	2	1,206	22.5	0.1	45.5	159	0	159	3.0	0.0	6.0
40 - 44	2,279	4	2,275	44.6	0.2	90.5	271	1	270	5.3	0.0	10.7
45 - 49	3,113	5	3,108	68.9	0.2	139.7	380	2	378	8.4	0.1	17.0
50 - 54	3,207	5	3,202	84.5	0.3	167.7	503	2	501	13.3	0.1	26.2
55 - 59	3,031	7	3,024	102.7	0.5	198.8	509	2	507	17.3	0.1	33.3
60 - 64	2,754	15	2,739	129.2	1.5	243.1	454	2	452	21.3	0.2	40.1
65 - 69	2,518	19	2,499	170.9	2.8	310.6	399	5	394	27.1	0.8	49.0
70 - 74	1,719	15	1,704	167.2	3.4	293.2	346	1	345	33.7	0.2	59.4
75 - 79	1,216	14	1,202	162.4	4.5	276.3	306	1	305	40.9	0.3	70.1
80 - 84	854	10	844	159.9	4.7	264.1	241	2	239	45.1	0.9	74.8
85 +	678	9	669	146.5	5.3	227.9	350	4	346	75.6	2.4	117.9
Total/Crude	23,391	107	23,284	32.2	0.3	64.6	4,001	23	3,978	5.5	0.1	11.0

(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.
 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, Invasive Breast 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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	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	5	0	5	0.1	0.0	0.3	0	0	0	0.0	0.0	0.0
20 - 24	41	0	41	0.8	0.0	1.8	1	0	1	0.0	0.0	0.0
25 - 29	245	0	245	4.8	0.0	10.0	13	0	13	0.3	0.0	0.5
30 - 34	636	2	634	13.3	0.1	27.4	46	0	46	1.0	0.0	2.0
35 - 39	1,387	4	1,383	31.5	0.2	64.8	126	2	124	2.9	0.1	5.8
40 - 44	3,387	7	3,380	67.4	0.3	137.7	300	0	300	6.0	0.0	12.2
45 - 49	5,794	16	5,778	102.3	0.6	207.1	536	5	531	9.5	0.2	19.0
50 - 54	7,716	38	7,678	120.7	1.2	242.4	965	5	960	15.1	0.2	30.3
55 - 59	8,985	48	8,937	145.5	1.6	288.3	1,293	8	1,285	20.9	0.3	41.5
60 - 64	10,585	77	10,508	191.1	2.8	372.4	1,575	9	1,566	28.4	0.3	55.5
65 - 69	10,890	124	10,766	246.7	5.8	471.5	1,585	14	1,571	35.9	0.7	68.8
70 - 74	8,837	94	8,743	279.4	6.3	520.9	1,393	17	1,376	44.0	1.1	82.0
75 - 79	6,901	72	6,829	287.0	6.6	519.5	1,484	11	1,473	61.7	1.0	112.1
80 - 84	5,303	82	5,221	272.7	9.9	467.8	1,514	15	1,499	77.9	1.8	134.3
85 +	5,617	68	5,549	252.9	8.7	385.6	2,748	15	2,733	123.7	1.9	189.9
Total/Crude	76,329	632	75,697	98.8	1.6	195.2	13,579	101	13,478	17.6	0.3	34.8

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.

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

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
ALL RACES						
1988	2,028	5	2,023	8.6	-	16.1
1989	1,975	7	1,968	8.2	-	15.3
1990	2,297	5	2,292	9.3	-	17.5
1991	2,576	14	2,562	10.3	-	19.2
1992	2,692	8	2,684	10.5	-	19.6
1993	2,556	6	2,550	9.8	-	18.3
1994	2,774	9	2,765	10.5	-	19.6
1995	3,021	21	3,000	11.2	0.2	20.9
1996	3,274	17	3,257	11.9	0.1	22.4
1997	3,550	18	3,532	12.6	0.1	23.6
1998	3,916	12	3,904	13.5	-	25.4
1999	4,240	22	4,218	14.3	0.1	26.7
2000	4,374	19	4,355	14.4	0.1	26.9
2001	4,578	17	4,561	14.7	0.1	27.5
2002	4,647	13	4,634	14.5	-	27.4
2003	4,578	13	4,565	13.9	-	26.3
2004	4,767	17	4,750	14.2	0.1	26.8
2005	5,021	21	5,000	14.7	0.1	27.7
2006	5,107	17	5,090	14.7	0.1	27.8
2007	5,377	25	5,352	15.2	0.2	28.7
2008	5,763	15	5,748	15.9	0.1	30.3
2009	5,993	23	5,970	16.2	0.1	30.7
2010	5,521	17	5,504	14.5	0.1	27.7
2011	5,777	12	5,765	14.9	-	28.5
2012	5,901	18	5,883	14.9	0.1	28.4
2013	6,156	15	6,141	15.3	0.1	29.1
2014	6,057	24	6,033	14.6	0.1	27.9
ASIAN/PACIFIC ISLANDER						
1988	84	0	84	4.5	-	8.4
1989	95	1	94	5.1	-	9.3
1990	127	0	127	6.2	-	11.6
1991	153	0	153	6.8	-	12.6
1992	145	1	144	6.0	-	11.0
1993	161	0	161	6.4	-	11.7
1994	214	1	213	7.9	-	14.4
1995	237	1	236	8.6	-	15.6
1996	283	0	283	9.5	-	17.5
1997	312	3	309	9.9	-	18.0
1998	340	0	340	10.2	-	18.7
1999	414	0	414	11.7	-	21.6
2000	483	1	482	13.2	-	24.1
2001	519	1	518	13.3	-	24.4
2002	595	1	594	14.8	-	26.9
2003	556	3	553	13.2	-	24.0
2004	586	2	584	13.1	-	23.9
2005	632	6	626	13.8	-	24.9
2006	694	0	694	14.5	-	26.5
2007	790	2	788	15.9	-	28.9
2008	866	0	866	16.7	-	30.5
2009	942	1	941	17.6	-	32.1
2010	921	1	920	16.6	-	30.2
2011	960	0	960	16.5	-	30.2
2012	1,053	1	1,052	17.6	-	32.1
2013	1,076	2	1,074	17.1	-	31.2
2014	1,102	0	1,102	16.9	-	30.8

(Table Continues)

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

Source: California Cancer Registry (November 2016).

Note: Rates based on fewer than 15 cases are not shown.

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

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

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK						
1988	91	0	91	6.7	-	12.1
1989	100	2	98	7.2	-	12.6
1990	107	0	107	7.4	-	13.3
1991	133	1	132	9.2	-	16.3
1992	131	1	130	8.6	-	15.5
1993	134	1	133	8.9	-	15.9
1994	164	0	164	10.8	-	19.4
1995	174	2	172	11.1	-	19.8
1996	180	1	179	11.1	-	20.0
1997	213	3	210	12.7	-	22.6
1998	200	1	199	11.6	-	20.8
1999	239	3	236	13.6	-	24.4
2000	245	1	244	13.4	-	24.4
2001	229	1	228	12.4	-	22.4
2002	242	2	240	12.4	-	22.7
2003	273	2	271	14.0	-	25.4
2004	314	3	311	15.5	-	28.3
2005	308	2	306	14.8	-	27.1
2006	312	3	309	14.8	-	26.9
2007	346	4	342	16.3	-	29.6
2008	343	2	341	16.3	-	29.7
2009	364	0	364	16.3	-	30.3
2010	340	1	339	14.8	-	27.6
2011	372	2	370	16.1	-	29.6
2012	419	3	416	17.6	-	32.5
2013	420	2	418	17.2	-	32.0
2014	398	1	397	15.7	-	29.1
HISPANIC						
1988	136	0	136	3.8	-	7.3
1989	136	0	136	3.7	-	7.0
1990	192	0	192	5.2	-	9.8
1991	211	2	209	5.6	-	10.4
1992	233	3	230	5.7	-	10.6
1993	231	0	231	5.8	-	10.7
1994	254	0	254	6.0	-	11.2
1995	247	2	245	5.6	-	10.3
1996	288	0	288	6.2	-	11.5
1997	330	1	329	7.2	-	13.1
1998	442	4	438	8.9	-	16.2
1999	440	1	439	8.3	-	15.4
2000	486	0	486	8.8	-	16.2
2001	540	3	537	9.1	-	16.9
2002	572	1	571	9.1	-	17.0
2003	639	2	637	9.5	-	17.8
2004	637	0	637	9.1	-	17.0
2005	774	1	773	10.8	-	20.0
2006	775	2	773	10.0	-	18.8
2007	820	3	817	10.3	-	19.2
2008	874	2	872	10.3	-	19.4
2009	906	1	905	10.2	-	19.2
2010	866	1	865	9.5	-	17.9
2011	947	2	945	9.9	-	18.6
2012	1,085	5	1,080	10.7	-	20.2
2013	1,174	3	1,171	11.1	-	21.1
2014	1,194	4	1,190	10.7	-	20.3

(Table Continues)

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

Source: California Cancer Registry (November 2016).

Note: Rates based on fewer than 15 cases are not shown.

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

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

Year of Diagnosis	Incidence					
	New Cases			Annual Rate		
	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE						
1988	1,690	5	1,685	10.1	-	19.0
1989	1,621	4	1,617	9.5	-	18.0
1990	1,834	5	1,829	10.6	-	20.1
1991	2,043	11	2,032	11.7	-	22.1
1992	2,126	3	2,123	12.0	-	22.8
1993	1,972	5	1,967	11.0	-	20.8
1994	2,094	6	2,088	11.7	-	22.1
1995	2,303	16	2,287	12.8	0.2	24.2
1996	2,439	14	2,425	13.6	-	25.7
1997	2,622	11	2,611	14.3	-	27.1
1998	2,854	6	2,848	15.3	-	29.0
1999	3,083	18	3,065	16.3	0.2	30.9
2000	3,093	17	3,076	16.1	0.2	30.6
2001	3,229	12	3,217	16.7	-	31.8
2002	3,183	9	3,174	16.3	-	31.1
2003	3,055	5	3,050	15.4	-	29.6
2004	3,169	12	3,157	15.9	-	30.5
2005	3,245	11	3,234	16.2	-	31.2
2006	3,256	12	3,244	16.3	-	31.4
2007	3,346	16	3,330	16.8	0.2	32.4
2008	3,599	11	3,588	18.0	-	34.8
2009	3,690	20	3,670	18.3	0.2	35.3
2010	3,321	12	3,309	16.3	-	31.7
2011	3,388	6	3,382	16.5	-	32.1
2012	3,235	9	3,226	15.6	-	30.5
2013	3,357	8	3,349	16.3	-	31.7
2014	3,244	17	3,227	15.6	0.1	30.4

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

Source: California Cancer Registry (November 2016).

Note: Rates based on fewer than 15 cases are not shown.

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

Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2010-2014, In Situ Breast Cancer

Age at Diagnosis or Death	Incidence					
	New Cases 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female
ALL RACES						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	3	2	1	0.0	0.0	0.0
20 - 24	11	0	11	0.1	0.0	0.2
25 - 29	47	2	45	0.3	0.0	0.7
30 - 34	137	1	136	1.0	0.0	2.1
35 - 39	532	2	530	4.2	0.0	8.4
40 - 44	2,258	4	2,254	17.2	0.1	34.4
45 - 49	3,593	7	3,586	27.4	0.1	54.6
50 - 54	4,213	8	4,205	32.1	0.1	63.5
55 - 59	4,076	11	4,065	34.8	0.2	67.5
60 - 64	4,074	13	4,061	41.5	0.3	79.3
65 - 69	4,179	15	4,164	56.3	0.4	105.8
70 - 74	2,803	6	2,797	52.6	0.3	96.6
75 - 79	1,762	9	1,753	44.0	0.5	78.3
80 - 84	1,129	6	1,123	36.7	0.5	62.6
85 +	595	0	595	18.3	0.0	28.4
Total/Crude	29,412	86	29,326	15.5	0.1	30.6
ASIAN/PACIFIC ISLANDER						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0
20 - 24	3	0	3	0.2	0.0	0.3
25 - 29	11	0	11	0.5	0.0	1.0
30 - 34	30	0	30	1.4	0.0	2.7
35 - 39	114	1	113	5.3	0.1	9.9
40 - 44	501	0	501	23.4	0.0	43.5
45 - 49	747	0	747	37.2	0.0	69.4
50 - 54	765	0	765	39.3	0.0	72.8
55 - 59	716	0	716	40.3	0.0	73.6
60 - 64	708	1	707	47.0	0.2	85.3
65 - 69	686	1	685	63.3	0.2	114.7
70 - 74	422	1	421	52.4	0.3	94.1
75 - 79	225	0	225	36.8	0.0	64.2
80 - 84	128	0	128	29.2	0.0	48.9
85 +	56	0	56	13.7	0.0	21.8
Total/Crude	5,112	4	5,108	18.7	0.0	35.5

(Table Continues)

Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2010-2014, In Situ Breast Cancer (continued)

Age at Diagnosis or Death	Incidence					
	New Cases 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female
NON-HISPANIC BLACK						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0
20 - 24	0	0	0	0.0	0.0	0.0
25 - 29	3	0	3	0.3	0.0	0.7
30 - 34	7	0	7	0.9	0.0	1.8
35 - 39	34	0	34	4.6	0.0	9.2
40 - 44	116	0	116	14.4	0.0	28.7
45 - 49	187	1	186	21.5	0.2	42.5
50 - 54	257	2	255	28.9	0.5	56.7
55 - 59	311	1	310	41.3	0.3	80.0
60 - 64	311	0	311	52.9	0.0	99.3
65 - 69	282	2	280	68.1	1.1	122.7
70 - 74	222	1	221	72.3	0.7	127.9
75 - 79	134	1	133	59.7	1.0	103.5
80 - 84	53	1	52	36.8	1.8	58.6
85 +	32	0	32	22.7	0.0	33.2
Total/Crude	1,949	9	1,940	16.3	0.2	32.1
HISPANIC						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	3	2	1	0.1	0.1	0.0
20 - 24	4	0	4	0.1	0.0	0.1
25 - 29	13	0	13	0.2	0.0	0.5
30 - 34	39	0	39	0.7	0.0	1.4
35 - 39	149	0	149	2.8	0.0	5.6
40 - 44	585	1	584	11.5	0.0	23.2
45 - 49	819	5	814	18.1	0.2	36.6
50 - 54	839	0	839	22.1	0.0	44.0
55 - 59	764	1	763	25.9	0.1	50.2
60 - 64	618	1	617	29.0	0.1	54.8
65 - 69	620	4	616	42.1	0.6	76.6
70 - 74	406	0	406	39.5	0.0	69.9
75 - 79	240	1	239	32.1	0.3	54.9
80 - 84	127	0	127	23.8	0.0	39.8
85 +	40	0	40	8.6	0.0	13.6
Total/Crude	5,266	15	5,251	7.3	0.0	14.6

(Table Continues)

Five-Year Incidence Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2010-2014, In Situ Breast Cancer (continued)

Age at Diagnosis or Death	Incidence					
	New Cases 2010-2014			Annual Rate		
	Total	Male	Female	Total	Male	Female
NON-HISPANIC WHITE						
00 - 04	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0
20 - 24	3	0	3	0.1	0.0	0.1
25 - 29	19	2	17	0.4	0.1	0.7
30 - 34	57	1	56	1.2	0.0	2.4
35 - 39	221	0	221	5.0	0.0	10.4
40 - 44	1,011	2	1,009	20.1	0.1	41.1
45 - 49	1,774	1	1,773	31.3	0.0	63.6
50 - 54	2,279	6	2,273	35.6	0.2	71.8
55 - 59	2,210	7	2,203	35.8	0.2	71.1
60 - 64	2,359	11	2,348	42.6	0.4	83.2
65 - 69	2,523	8	2,515	57.2	0.4	110.1
70 - 74	1,701	3	1,698	53.8	0.2	101.2
75 - 79	1,134	7	1,127	47.2	0.6	85.7
80 - 84	795	4	791	40.9	0.5	70.9
85 +	459	0	459	20.7	0.0	31.9
Total/Crude	16,545	52	16,493	21.4	0.1	42.5

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

Source: California Cancer Registry (November 2016).

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

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year, Stage at Diagnosis, and Race/Ethnicity, California, 1988-2014, Invasive Female Breast Cancer

Year of Diagnosis	Stage at Diagnosis											
	Stage I		Stage IIa		Stage IIb		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
ALL RACES												
1988	4,412	33.8	2,962	22.9	1,502	11.7	636	4.9	512	4.0	6,607	51.0
1989	4,435	33.2	2,952	22.4	1,482	11.3	647	5.0	505	3.8	6,216	47.3
1990	5,001	36.9	3,030	22.5	1,503	11.4	685	5.1	524	3.9	6,336	47.2
1991	5,475	39.7	3,153	23.1	1,507	11.1	682	5.0	504	3.7	6,047	44.3
1992	7,740	55.2	4,412	31.7	2,204	15.8	976	7.0	725	5.1	1,950	13.9
1993	7,704	54.3	4,314	30.5	2,150	15.2	989	6.9	805	5.7	1,736	12.2
1994	8,085	56.3	4,302	30.1	2,116	14.7	1,085	7.6	774	5.4	1,685	11.6
1995	8,395	57.5	4,689	32.3	2,289	15.8	1,117	7.7	721	4.9	1,499	10.1
1996	9,057	61.2	4,641	31.5	2,301	15.7	1,152	7.8	815	5.5	1,526	10.2
1997	9,380	61.9	4,767	31.4	2,335	15.4	1,184	7.8	774	5.1	1,591	10.3
1998	9,439	60.9	4,990	32.1	2,597	16.7	1,315	8.4	804	5.2	1,681	10.7
1999	9,645	60.6	4,985	31.3	2,602	16.3	1,385	8.6	834	5.2	1,917	11.9
2000	10,064	61.9	5,441	33.3	2,686	16.5	1,498	9.1	839	5.1	1,204	7.3
2001	10,229	61.6	5,442	32.6	2,858	17.1	1,419	8.4	866	5.2	1,170	6.9
2002	10,277	60.6	5,577	32.7	2,915	17.1	1,379	8.0	942	5.5	1,189	6.8
2003	9,518	54.8	5,211	29.9	2,908	16.7	1,347	7.7	868	5.0	1,197	6.7
2004	9,371	53.0	4,813	27.1	2,098	11.8	2,549	14.3	966	5.4	1,497	8.3
2005	9,825	54.5	5,054	28.0	2,084	11.5	2,625	14.5	1,024	5.6	1,388	7.6
2006	9,880	54.2	5,055	27.7	2,114	11.6	2,621	14.3	1,040	5.7	1,410	7.5
2007	10,271	55.0	5,210	28.0	2,243	12.1	2,748	14.7	1,152	6.1	1,534	8.1
2008	10,720	56.2	5,427	28.6	2,357	12.4	2,827	14.9	1,128	5.9	1,461	7.5
2009	10,989	56.6	5,456	28.1	2,289	11.9	2,653	13.7	1,181	6.0	1,419	7.1
2010	11,278	56.7	4,950	25.0	2,439	12.4	2,630	13.2	1,264	6.3	1,139	5.7
2011	11,796	58.0	5,196	25.7	2,699	13.5	2,744	13.7	1,278	6.3	1,062	5.1
2012	12,076	57.8	5,340	25.9	2,686	13.1	2,747	13.4	1,330	6.4	1,028	4.9
2013	12,405	58.0	5,431	25.8	2,827	13.6	2,685	12.9	1,323	6.2	1,010	4.6
2014	12,244	56.0	5,490	25.4	2,823	13.4	2,610	12.3	1,360	6.3	0	-
ASIAN/PACIFIC ISLANDER												
1988	149	16.0	127	13.5	66	6.5	27	3.1	17	1.8	338	35.1
1989	166	15.8	148	14.8	60	5.3	35	3.7	23	2.2	328	31.8
1990	209	18.3	149	12.9	79	7.1	41	3.7	28	2.7	402	36.8
1991	207	17.4	142	11.4	87	6.7	35	3.2	23	2.2	375	30.9
1992	393	32.1	271	21.5	160	12.4	63	4.9	34	2.8	112	9.3
1993	408	30.8	286	20.7	145	10.3	60	4.4	45	3.3	95	7.3
1994	476	33.0	273	18.6	156	10.4	72	5.0	37	2.7	99	7.4
1995	504	33.9	370	24.1	183	11.6	73	4.7	48	3.0	77	5.0
1996	564	35.8	367	23.1	213	12.4	86	5.2	57	3.5	107	7.0
1997	703	42.0	382	22.6	186	10.8	89	5.1	52	3.0	114	6.7
1998	680	37.9	449	24.8	235	12.8	105	5.8	45	2.4	114	6.3
1999	738	39.6	464	24.3	238	12.1	106	5.6	60	3.2	139	7.4
2000	785	39.7	476	23.7	258	12.7	135	6.6	69	3.5	90	4.7
2001	870	42.1	475	22.5	263	12.2	124	5.8	68	3.3	87	4.4
2002	953	43.7	546	24.6	297	13.4	134	6.0	76	3.6	103	4.9
2003	856	37.4	558	24.2	323	13.8	106	4.6	71	3.1	102	4.6
2004	951	39.7	554	23.1	266	10.8	258	10.6	85	3.6	139	5.9
2005	1,029	41.0	595	23.6	261	10.4	261	10.2	85	3.4	127	5.4
2006	1,046	40.3	570	21.9	241	9.2	295	11.2	111	4.2	132	5.2
2007	1,123	41.6	604	22.3	313	11.6	297	11.0	110	4.0	157	5.9
2008	1,281	45.4	699	25.0	284	10.0	297	10.4	119	4.3	174	6.3
2009	1,239	42.7	681	23.2	280	9.6	276	9.5	139	4.7	167	5.8
2010	1,366	44.9	729	24.0	297	9.7	297	9.7	132	4.3	138	4.7
2011	1,454	46.4	672	21.3	394	12.7	343	11.0	143	4.4	107	3.4
2012	1,540	46.9	799	24.2	358	10.9	310	9.6	134	4.0	109	3.4
2013	1,570	45.9	799	23.7	425	12.5	376	11.0	155	4.6	112	3.2

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

Source: California Cancer Registry (November 2016).

Note: For cases diagnosed 1988-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, 3rd Ed. as modified by SEER. Excludes Stage II, NOS (0.7% of cases) and cases which could not be staged because of coding errors (less than 2.4%). For cases diagnosed 2004 and forward, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. Rates based on fewer than 15 cases are not shown. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Females by Year, Stage at Diagnosis, and Race/Ethnicity, California, 1988-2014, Invasive Female Breast Cancer

Year of Diagnosis	Stage at Diagnosis											
	Stage I		Stage IIa		Stage IIb		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
2014	1,632	45.9	754	21.4	420	12.0	337	9.6	171	4.9	0	-

(Table Continues)

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

Source: California Cancer Registry (November 2016).

Note: For cases diagnosed 1988-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, 3rd Ed. as modified by SEER. Excludes Stage II, NOS (0.7% of cases) and cases which could not be staged because of coding errors (less than 2.4%). For cases diagnosed 2004 and forward, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. Rates based on fewer than 15 cases are not shown. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Women by Year, Stage at Diagnosis, and Race/Ethnicity, California, 1988-2014, Invasive Female Breast Cancer (continued)

Year of Diagnosis	Stage at Diagnosis											
	Stage I		Stage IIa		Stage IIb		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
NON-HISPANIC BLACK												
1988	143	18.8	113	14.5	73	9.4	46	5.8	41	5.5	538	70.3
1989	132	16.6	105	12.6	76	9.1	30	3.9	32	3.9	508	65.5
1990	137	17.4	124	15.0	84	10.5	41	5.1	36	4.4	533	66.4
1991	163	20.0	125	14.9	84	9.4	47	5.7	30	3.8	540	66.0
1992	309	36.9	277	32.7	135	16.1	116	13.6	68	8.1	110	13.0
1993	337	39.2	270	30.7	162	18.4	73	8.2	81	9.5	103	12.2
1994	350	40.2	270	30.7	163	18.3	91	10.3	86	9.4	105	12.7
1995	392	45.0	261	29.4	174	19.0	104	11.3	65	7.4	101	11.7
1996	381	43.0	317	34.1	143	15.5	107	11.7	82	9.2	104	11.8
1997	410	44.8	285	30.5	191	20.1	109	11.8	69	7.4	100	11.1
1998	412	44.4	303	31.3	173	17.9	115	11.8	79	8.3	94	10.3
1999	446	46.3	343	34.3	198	19.7	122	12.0	69	6.9	96	9.8
2000	455	46.2	349	34.6	174	16.8	140	13.2	77	7.8	99	10.0
2001	439	43.8	316	30.3	208	19.5	135	13.0	99	9.8	86	8.6
2002	481	46.4	340	31.9	207	19.7	142	13.4	71	6.6	71	6.9
2003	450	42.6	305	28.6	225	20.6	122	10.9	104	9.8	94	9.0
2004	457	42.0	370	33.5	156	14.1	222	20.1	105	9.8	100	9.3
2005	496	45.2	337	29.9	137	12.2	228	20.1	114	10.3	88	8.2
2006	478	42.4	339	29.9	174	15.1	210	18.3	115	10.3	98	9.2
2007	564	49.6	351	30.7	191	16.6	196	17.1	125	11.2	110	10.0
2008	521	45.7	379	33.0	174	14.9	248	21.0	91	7.6	103	9.0
2009	577	49.1	369	31.3	162	13.8	220	18.5	128	10.4	98	8.5
2010	577	47.9	332	28.0	187	15.5	216	17.6	116	9.7	78	6.7
2011	645	51.7	366	29.6	181	14.8	245	20.2	124	10.2	74	6.0
2012	647	50.8	342	27.4	206	16.3	221	17.7	115	9.1	86	7.1
2013	603	47.3	351	27.7	226	18.1	224	17.4	138	10.7	86	6.9
2014	681	51.2	384	29.4	193	14.8	226	17.6	138	10.5	0	-
HISPANIC												
1988	264	16.1	241	13.2	152	8.5	65	3.4	43	2.4	706	40.4
1989	296	16.4	211	11.4	144	7.1	73	3.9	47	2.5	778	41.8
1990	322	17.5	248	12.4	131	6.4	71	3.4	49	2.4	768	40.2
1991	339	17.4	277	13.3	176	8.0	81	3.9	44	2.3	800	39.6
1992	584	29.2	509	23.4	317	14.2	145	6.1	82	3.9	177	8.2
1993	607	29.0	496	22.1	293	12.2	129	5.3	100	4.4	182	8.5
1994	640	29.3	550	24.0	297	11.6	150	6.1	93	4.1	182	8.0
1995	660	29.8	538	22.3	344	13.4	173	6.5	111	4.5	177	7.2
1996	795	34.4	526	20.9	331	12.4	192	7.2	90	3.6	202	8.0
1997	841	34.0	583	22.0	339	12.1	177	6.6	104	4.0	201	7.5
1998	874	34.3	667	24.2	394	13.2	216	7.5	108	3.7	189	7.0
1999	931	35.2	642	21.8	405	13.1	237	7.4	120	4.2	237	8.2
2000	981	34.0	703	22.3	460	14.1	296	9.1	139	4.6	165	5.5
2001	1,043	34.3	749	22.6	490	14.0	272	7.9	141	4.4	144	4.5
2002	1,089	33.9	762	22.2	517	14.6	255	7.0	167	5.1	177	5.7
2003	1,123	33.1	819	22.6	543	14.2	290	7.5	121	3.5	180	5.4
2004	1,102	30.9	756	19.9	382	9.5	526	12.9	154	4.2	223	6.2
2005	1,250	34.1	842	21.0	399	9.6	567	13.4	160	4.1	214	5.8
2006	1,289	33.3	833	20.2	399	9.2	564	13.1	166	4.0	250	6.3
2007	1,324	32.7	874	20.2	432	9.6	615	13.7	241	5.8	286	7.1
2008	1,480	35.0	982	21.8	479	10.1	624	13.3	209	4.7	270	6.3
2009	1,552	34.8	994	21.1	464	9.5	572	11.4	233	5.0	297	6.8
2010	1,639	34.9	883	17.9	497	10.0	634	12.5	246	5.2	204	4.5
2011	1,830	37.9	1,055	20.6	608	11.2	620	11.6	272	5.2	207	4.3
2012	1,883	37.2	1,044	19.3	602	10.8	675	12.0	251	4.6	203	4.1
2013	2,069	38.8	1,089	19.7	660	11.5	676	11.9	260	4.7	208	3.9

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

Source: California Cancer Registry (November 2016).

Note: For cases diagnosed 1988-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, 3rd Ed. as modified by SEER. Excludes Stage II, NOS (0.7% of cases) and cases which could not be staged because of coding errors (less than 2.4%). For cases diagnosed 2004 and forward, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. Rates based on fewer than 15 cases are not shown. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Women by Year, Stage at Diagnosis, and Race/Ethnicity, California, 1988-2014, Invasive Female Breast Cancer (continued)

Year of Diagnosis	Stage at Diagnosis											
	Stage I		Stage IIa		Stage IIb		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
2014	1,996	36.1	1,124	19.8	668	11.3	666	11.3	258	4.5	0	-

(Table Continues)

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

Source: California Cancer Registry (November 2016).

Note: For cases diagnosed 1988-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, 3rd Ed. as modified by SEER. Excludes Stage II, NOS (0.7% of cases) and cases which could not be staged because of coding errors (less than 2.4%). For cases diagnosed 2004 and forward, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. Rates based on fewer than 15 cases are not shown. Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

Incidence Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Women by Year, Stage at Diagnosis, and Race/Ethnicity, California, 1988-2014, Invasive Female Breast Cancer (continued)

Year of Diagnosis	Stage at Diagnosis											
	Stage I		Stage IIa		Stage IIb		Stage III		Stage IV		Unknown Stage	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
NON-HISPANIC WHITE												
1988	3,831	40.0	2,457	26.2	1,198	13.0	495	5.4	410	4.3	4,947	52.1
1989	3,804	39.1	2,471	26.2	1,189	12.8	507	5.5	401	4.1	4,525	47.3
1990	4,299	44.0	2,498	26.1	1,193	12.9	526	5.6	406	4.2	4,553	47.1
1991	4,735	48.2	2,594	27.1	1,148	12.4	517	5.5	403	4.1	4,258	43.7
1992	6,403	64.8	3,332	34.5	1,579	16.6	644	6.8	537	5.4	1,491	14.9
1993	6,287	63.7	3,236	33.2	1,540	16.1	721	7.4	573	5.8	1,293	12.8
1994	6,559	66.6	3,192	33.1	1,483	15.6	768	8.0	555	5.7	1,238	12.2
1995	6,769	68.0	3,482	36.0	1,567	16.5	761	8.0	493	5.0	1,077	10.5
1996	7,220	72.6	3,389	34.9	1,599	17.0	757	7.9	579	5.9	1,061	10.3
1997	7,354	72.8	3,492	35.3	1,607	16.7	802	8.2	543	5.5	1,095	10.5
1998	7,386	72.5	3,527	35.5	1,776	18.2	866	8.7	569	5.6	1,224	11.6
1999	7,476	72.3	3,513	34.7	1,740	17.5	909	9.1	582	5.7	1,394	13.1
2000	7,767	74.7	3,879	38.0	1,772	17.8	923	9.1	551	5.2	813	7.4
2001	7,777	74.3	3,866	37.7	1,873	18.5	874	8.6	549	5.3	819	7.5
2002	7,692	72.9	3,878	37.6	1,879	18.4	833	8.1	616	5.9	794	7.1
2003	7,013	66.1	3,483	33.6	1,798	17.7	818	7.8	563	5.3	786	6.9
2004	6,796	63.9	3,101	29.9	1,273	12.5	1,530	14.9	611	5.8	983	8.8
2005	6,985	65.7	3,233	30.9	1,269	12.4	1,546	15.2	654	6.0	913	8.1
2006	6,959	65.6	3,262	31.4	1,278	12.5	1,527	15.0	640	6.1	886	7.8
2007	7,184	67.2	3,332	31.9	1,278	12.6	1,615	15.8	671	6.2	907	8.0
2008	7,328	68.0	3,316	31.6	1,401	13.6	1,635	16.1	700	6.5	841	7.3
2009	7,538	69.8	3,370	31.8	1,361	13.3	1,568	15.3	672	6.3	803	6.9
2010	7,572	69.5	2,966	27.9	1,433	14.0	1,461	13.8	755	6.7	657	5.6
2011	7,743	70.7	3,042	28.4	1,484	14.4	1,501	14.6	729	6.7	615	5.3
2012	7,838	70.6	3,083	28.7	1,493	14.4	1,518	14.7	811	7.3	548	4.7
2013	7,997	71.3	3,130	28.8	1,473	14.2	1,364	13.3	755	6.7	516	4.4
2014	7,785	69.1	3,151	28.8	1,495	14.5	1,357	13.0	778	7.0	0	-

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

Source: California Cancer Registry (November 2016).

Note: For cases diagnosed 1988-2003, American Joint Committee on Cancer (AJCC) stage at diagnosis is based on extent of disease (EOD) codes; conversion is consistent with the AJCC Manual for Staging of Cancer, 3rd Ed. as modified by SEER. Excludes Stage II, NOS (0.7% of cases) and cases which could not be staged because of coding errors (less than 2.4%). For cases diagnosed 2004 and forward, AJCC stage at diagnosis is based on Collaborative Stage codes converted to AJCC using an algorithm provided by the Collaborative Staging Taskforce. Rates based on fewer than 15 cases are not shown. 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, Breast Cancer

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.00	0.00	0.00	0.12	0.00	0.00	0.06	13.08
25	0.00	0.00	0.01	0.12	0.18	1.04	2.90	13.22
35	0.00	0.01	0.03	0.12	0.86	2.73	5.40	13.12
45	0.01	0.02	0.06	0.12	1.90	4.62	8.15	12.47
55	0.02	0.06	0.10	0.12	2.83	6.51	9.36	11.02
65	0.04	0.09	-	0.11	3.99	7.08	-	8.88
	Lifetime Risk of Being Diagnosed = 0.12%				Lifetime Risk of Being Diagnosed = 13.08%			
	Lifetime Risk of Dying of Cancer = 0.02%				Lifetime Risk of Dying of Cancer = 2.81%			
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.00	0.07	0.00	0.00	0.05	10.95
25	0.00	0.00	0.01	0.07	0.19	1.10	2.96	11.06
35	0.00	0.01	0.02	0.07	0.92	2.79	5.07	10.92
45	0.01	0.02	0.03	0.07	1.90	4.21	6.89	10.16
55	0.01	0.03	0.05	0.06	2.39	5.15	7.03	8.52
65	0.02	0.04	-	0.05	2.91	4.89	-	6.47
	Lifetime Risk of Being Diagnosed = 0.07%				Lifetime Risk of Being Diagnosed = 10.95%			
	Lifetime Risk of Dying of Cancer = 0.02%				Lifetime Risk of Dying of Cancer = 2.02%			
NON-HISPANIC BLACK								
0	0.00	0.00	0.00	0.13	0.00	0.00	0.10	12.39
25	0.00	0.01	0.02	0.14	0.25	1.14	3.08	12.64
35	0.00	0.02	0.04	0.14	0.90	2.86	5.57	12.53
45	0.02	0.04	0.09	0.14	2.01	4.80	8.07	11.96
55	0.03	0.08	0.11	0.13	2.98	6.46	9.06	10.62
65	0.06	0.10	-	0.12	3.97	6.92	-	8.70
	Lifetime Risk of Being Diagnosed = 0.13%				Lifetime Risk of Being Diagnosed = 12.39%			
	Lifetime Risk of Dying of Cancer = 0.05%				Lifetime Risk of Dying of Cancer = 3.48%			
HISPANIC								
0	0.00	0.00	0.00	0.08	0.00	0.00	0.05	9.76
25	0.00	0.00	0.00	0.08	0.15	0.82	2.27	9.86
35	0.00	0.00	0.01	0.08	0.68	2.13	4.19	9.77
45	0.00	0.01	0.03	0.08	1.48	3.56	6.10	9.22
55	0.01	0.03	0.06	0.08	2.15	4.78	6.71	8.01
65	0.03	0.05	-	0.08	2.82	4.89	-	6.28
	Lifetime Risk of Being Diagnosed = 0.08%				Lifetime Risk of Being Diagnosed = 9.76%			
	Lifetime Risk of Dying of Cancer = 0.02%				Lifetime Risk of Dying of Cancer = 2.28%			
NON-HISPANIC WHITE								
0	0.00	0.00	0.00	0.14	0.00	0.00	0.07	14.72
25	0.00	0.00	0.01	0.14	0.20	1.19	3.28	14.85
35	0.00	0.01	0.03	0.14	1.00	3.10	6.10	14.76
45	0.01	0.03	0.07	0.14	2.15	5.21	9.25	14.04
55	0.02	0.07	0.11	0.14	3.20	7.45	10.78	12.46
65	0.05	0.10	-	0.13	4.63	8.26	-	10.10
	Lifetime Risk of Being Diagnosed = 0.14%				Lifetime Risk of Being Diagnosed = 14.72%			
	Lifetime Risk of Dying of Cancer = 0.02%				Lifetime Risk of Dying of Cancer = 3.03%			

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