

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, Multiple Myeloma

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	1,182	605	577	5.1	6.1	4.3	795	423	372	3.5	4.4	2.8
1989	1,215	623	592	5.2	6.3	4.4	780	401	379	3.3	4.0	2.8
1990	1,245	658	587	5.2	6.5	4.3	865	461	404	3.7	4.7	2.9
1991	1,328	693	635	5.4	6.7	4.5	895	450	445	3.7	4.5	3.1
1992	1,255	673	582	5.0	6.2	4.1	869	433	436	3.5	4.1	3.1
1993	1,340	718	622	5.2	6.5	4.3	906	474	432	3.6	4.4	3.0
1994	1,364	707	657	5.3	6.4	4.4	914	480	434	3.6	4.5	3.0
1995	1,361	701	660	5.1	6.2	4.4	957	534	423	3.7	4.9	2.8
1996	1,512	821	691	5.6	7.2	4.6	964	477	487	3.6	4.3	3.2
1997	1,469	789	680	5.4	6.6	4.4	958	504	454	3.5	4.4	2.9
1998	1,443	768	675	5.1	6.2	4.3	921	514	407	3.3	4.4	2.6
1999	1,511	794	717	5.2	6.3	4.5	1,039	546	493	3.6	4.5	3.0
2000	1,578	830	748	5.4	6.4	4.5	936	481	455	3.2	4.0	2.8
2001	1,556	800	756	5.2	6.1	4.5	1,043	541	502	3.5	4.3	3.0
2002	1,597	857	740	5.2	6.5	4.3	1,068	575	493	3.5	4.5	2.9
2003	1,665	880	785	5.3	6.3	4.5	1,060	552	508	3.4	4.1	2.9
2004	1,802	973	829	5.6	6.9	4.7	1,007	553	454	3.2	4.1	2.5
2005	1,865	1,008	857	5.7	7.0	4.7	1,080	571	509	3.4	4.2	2.8
2006	1,781	996	785	5.4	6.8	4.3	1,039	542	497	3.2	3.9	2.7
2007	1,796	1,029	767	5.3	6.8	4.1	1,093	598	495	3.3	4.2	2.6
2008	1,959	1,075	884	5.7	7.0	4.7	1,021	577	444	3.0	3.9	2.3
2009	2,083	1,150	933	5.9	7.3	4.8	1,080	622	458	3.1	4.1	2.3
2010	2,228	1,215	1,013	6.1	7.5	5.1	1,117	595	522	3.1	3.9	2.6
2011	2,249	1,268	981	6.0	7.6	4.8	1,128	621	507	3.1	4.0	2.5
2012	2,370	1,379	991	6.2	8.0	4.7	1,215	653	562	3.2	4.0	2.7
2013	2,200	1,283	917	5.6	7.2	4.3	1,139	654	485	2.9	3.9	2.2
2014	2,460	1,385	1,075	6.0	7.5	4.8	1,182	644	538	3.0	3.7	2.4
2015	2,477	1,418	1,059	6.0	7.5	4.7	1,265	723	542	3.1	4.0	2.4
2016	2,560	1,458	1,102	6.0	7.5	4.8	1,229	728	501	2.9	4.0	2.1
2017	2,548	1,431	1,117	5.8	7.1	4.7	1,211	686	525	2.8	3.6	2.2

(Table Continues)

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

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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	49	27	22	3.7	4.6	3.0	31	15	16	2.4	3.1	2.0
1989	63	34	29	4.6	5.6	3.7	30	15	15	2.1	2.4	1.9
1990	50	22	28	3.0	2.9	3.2	33	20	13	2.3	3.2	-
1991	72	44	28	4.1	5.4	3.0	37	19	18	2.4	2.6	2.2
1992	54	35	19	2.7	3.8	1.9	30	11	19	1.8	-	2.1
1993	73	40	33	3.7	4.8	2.8	45	25	20	2.4	3.1	1.9
1994	81	50	31	3.8	5.1	2.7	34	22	12	1.6	2.4	-
1995	82	47	35	3.4	4.4	2.6	44	27	17	2.0	2.8	1.4
1996	111	56	55	4.5	5.5	3.8	47	29	18	1.9	2.6	1.3
1997	102	63	39	4.1	5.7	2.8	46	25	21	1.8	2.2	1.5
1998	89	46	43	3.2	3.7	2.8	51	33	18	1.9	3.0	1.2
1999	100	54	46	3.3	3.9	2.8	59	28	31	2.2	2.4	2.0
2000	125	58	67	4.0	4.3	3.7	51	20	31	1.7	1.5	1.8
2001	111	54	57	3.3	3.4	3.2	46	28	18	1.4	1.9	1.0
2002	134	64	70	3.8	4.1	3.6	61	22	39	1.8	1.5	2.1
2003	138	69	69	3.7	4.4	3.2	64	37	27	1.8	2.3	1.3
2004	137	71	66	3.5	4.2	3.0	69	33	36	1.9	2.1	1.7
2005	157	73	84	3.9	4.2	3.7	82	37	45	2.0	2.2	2.0
2006	146	82	64	3.5	4.6	2.7	92	47	45	2.3	2.8	2.0
2007	150	81	69	3.4	4.3	2.8	84	51	33	2.0	2.9	1.3
2008	175	84	91	3.7	4.0	3.4	69	37	32	1.6	2.0	1.3
2009	171	94	77	3.5	4.5	2.8	85	46	39	1.8	2.4	1.5
2010	217	101	116	4.3	4.7	3.9	104	57	47	2.2	2.9	1.7
2011	206	115	91	3.9	5.0	3.0	95	49	46	1.9	2.3	1.6
2012	177	101	76	3.1	4.1	2.3	103	51	52	1.9	2.2	1.7
2013	232	123	109	3.9	5.0	3.2	80	47	33	1.4	1.9	1.0
2014	235	122	113	3.7	4.4	3.3	87	46	41	1.4	1.8	1.2
2015	237	145	92	3.6	5.0	2.5	106	51	55	1.6	1.7	1.6
2016	256	139	117	3.7	4.6	3.0	106	61	45	1.6	2.1	1.1
2017	257	133	124	3.6	4.3	3.1	117	66	51	1.7	2.2	1.3

(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	131	67	64	10.2	12.4	8.6	96	42	54	8.0	8.7	7.6
1989	130	61	69	10.9	12.8	9.8	99	55	44	8.3	10.8	6.3
1990	143	81	62	11.0	15.7	8.1	104	52	52	8.5	11.0	7.2
1991	168	84	84	12.5	14.9	10.9	112	64	48	8.7	12.5	6.4
1992	132	66	66	9.8	11.7	8.5	97	44	53	7.1	7.7	6.8
1993	151	66	85	11.2	11.3	11.0	103	52	51	7.8	9.4	6.6
1994	157	58	99	10.9	9.8	12.0	92	45	47	6.8	8.4	5.9
1995	164	72	92	11.0	11.4	10.8	116	61	55	8.1	10.6	6.7
1996	185	77	108	12.6	13.3	12.8	108	48	60	7.5	8.2	7.2
1997	172	90	82	11.6	13.9	9.7	106	42	64	7.0	6.8	7.4
1998	185	95	90	11.9	14.0	10.3	119	59	60	7.9	9.9	6.8
1999	186	89	97	11.6	12.6	10.7	119	45	74	7.8	7.4	8.4
2000	156	73	83	9.4	9.7	8.9	115	51	64	7.1	7.4	6.9
2001	177	88	89	10.4	12.7	9.2	109	63	46	6.7	10.1	4.8
2002	207	100	107	12.0	13.8	10.9	121	54	67	7.4	8.3	7.1
2003	214	100	114	12.3	13.3	11.5	136	60	76	8.4	8.7	8.0
2004	235	102	133	13.1	13.2	13.0	131	62	69	7.8	8.6	7.1
2005	223	117	106	11.9	14.5	10.1	119	54	65	6.8	7.4	6.5
2006	225	119	106	11.8	13.8	10.1	126	61	65	7.0	8.1	6.3
2007	215	124	91	11.1	14.7	8.5	137	63	74	7.7	8.5	7.1
2008	229	122	107	11.7	14.8	9.8	130	73	57	6.9	9.4	5.2
2009	253	99	154	12.4	11.2	13.5	133	69	64	7.1	8.7	6.0
2010	268	140	128	13.1	16.0	10.9	128	64	64	6.5	8.0	5.6
2011	267	131	136	12.2	13.8	11.3	121	52	69	6.2	6.4	6.1
2012	314	158	156	14.0	15.7	12.5	131	57	74	6.1	6.0	6.2
2013	272	161	111	11.7	15.6	8.7	156	70	86	7.3	7.5	7.1
2014	270	151	119	11.7	14.7	9.4	140	68	72	6.3	7.3	5.6
2015	303	175	128	12.7	17.1	9.3	160	96	64	7.2	10.3	5.0
2016	318	161	157	13.2	14.8	11.8	136	68	68	5.9	7.1	5.1
2017	286	160	126	11.4	15.2	8.9	128	70	58	5.4	7.1	4.3

(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	131	64	67	4.8	5.2	4.4	76	42	34	2.9	3.7	2.4
1989	137	57	80	4.8	4.3	5.1	83	46	37	2.9	3.5	2.4
1990	156	86	70	5.4	6.9	4.3	99	50	49	3.8	4.3	3.4
1991	157	87	70	5.1	6.2	4.3	95	47	48	3.4	3.9	3.1
1992	172	86	86	5.6	6.5	5.0	104	53	51	3.3	3.8	3.0
1993	182	99	83	5.5	7.0	4.5	105	58	47	3.4	4.6	2.6
1994	163	87	76	4.7	5.5	4.1	125	73	52	4.0	5.6	2.9
1995	184	102	82	5.3	7.1	4.1	104	55	49	3.1	3.8	2.6
1996	213	134	79	5.8	8.7	3.7	134	69	65	4.1	5.5	3.2
1997	199	101	98	5.1	5.4	4.7	129	73	56	3.8	4.8	3.0
1998	224	112	112	5.5	6.1	5.1	114	58	56	3.1	3.7	2.7
1999	239	113	126	5.5	5.8	5.3	149	74	75	3.8	4.0	3.5
2000	258	145	113	5.6	7.0	4.6	138	62	76	3.4	3.7	3.2
2001	271	134	137	5.8	6.9	5.1	179	95	84	4.1	5.1	3.4
2002	264	138	126	5.4	6.6	4.6	180	89	91	3.9	4.5	3.6
2003	304	152	152	5.7	6.5	5.2	183	87	96	3.7	3.9	3.5
2004	339	181	158	5.9	7.1	5.0	182	99	83	3.8	4.7	3.0
2005	337	182	155	5.7	6.9	4.7	188	97	91	3.5	4.3	3.0
2006	313	164	149	5.1	6.2	4.4	173	74	99	3.1	3.0	3.2
2007	353	200	153	5.4	6.8	4.3	195	93	102	3.2	3.5	3.0
2008	375	193	182	5.7	6.8	5.0	181	91	90	2.9	3.3	2.6
2009	405	206	199	5.5	6.1	5.0	202	119	83	3.2	4.3	2.3
2010	434	246	188	6.0	7.7	4.6	210	110	100	3.2	4.0	2.6
2011	502	267	235	6.4	8.0	5.3	219	115	104	3.3	4.0	2.7
2012	491	291	200	6.0	8.1	4.4	243	129	114	3.3	4.1	2.8
2013	473	269	204	5.5	7.1	4.2	192	108	84	2.5	3.2	1.9
2014	575	316	259	6.4	8.1	5.2	256	140	116	3.2	4.1	2.5
2015	571	297	274	6.0	7.0	5.3	253	147	106	3.0	4.0	2.2
2016	591	319	272	5.9	7.1	4.9	279	151	128	3.2	4.0	2.6
2017	627	333	294	6.0	6.9	5.2	244	126	118	2.7	3.1	2.3

(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	861	439	422	4.8	5.9	4.2	592	324	268	3.3	4.4	2.6
1989	876	467	409	4.9	6.2	3.9	566	283	283	3.1	3.8	2.7
1990	884	463	421	4.8	6.1	4.0	626	337	289	3.5	4.5	2.7
1991	923	475	448	5.0	6.3	4.3	648	319	329	3.5	4.2	3.0
1992	889	483	406	4.8	6.1	3.8	637	325	312	3.4	4.2	2.9
1993	927	509	418	4.9	6.3	3.9	651	337	314	3.5	4.3	2.9
1994	951	504	447	5.0	6.3	4.1	663	340	323	3.5	4.3	3.0
1995	913	470	443	4.8	5.8	4.1	692	390	302	3.6	4.9	2.7
1996	993	553	440	5.2	6.8	4.1	670	328	342	3.5	4.1	3.1
1997	984	528	456	5.1	6.3	4.1	672	361	311	3.4	4.4	2.7
1998	931	509	422	4.8	6.0	3.9	635	364	271	3.2	4.4	2.4
1999	971	530	441	4.9	6.1	4.0	708	397	311	3.5	4.6	2.7
2000	1,021	548	473	5.1	6.3	4.2	625	346	279	3.1	4.1	2.4
2001	981	515	466	4.9	5.8	4.2	700	354	346	3.4	4.1	2.9
2002	980	547	433	4.8	6.2	3.8	705	409	296	3.4	4.7	2.5
2003	1,001	555	446	4.9	6.1	3.9	674	366	308	3.2	4.1	2.5
2004	1,075	613	462	5.2	6.7	4.0	621	358	263	3.0	4.0	2.2
2005	1,139	630	509	5.5	6.9	4.4	689	382	307	3.3	4.2	2.6
2006	1,082	623	459	5.2	6.7	4.0	639	354	285	3.0	3.9	2.4
2007	1,065	617	448	5.1	6.6	3.9	675	389	286	3.2	4.3	2.4
2008	1,165	668	497	5.6	7.0	4.4	639	374	265	3.0	4.0	2.2
2009	1,230	738	492	5.8	7.8	4.2	655	386	269	3.0	4.1	2.1
2010	1,293	721	572	6.0	7.4	4.9	672	364	308	3.0	3.8	2.5
2011	1,254	745	509	5.7	7.5	4.3	684	401	283	3.1	4.2	2.3
2012	1,364	818	546	6.1	8.0	4.5	734	412	322	3.2	4.1	2.5
2013	1,201	719	482	5.4	7.0	4.0	710	428	282	3.1	4.2	2.2
2014	1,340	778	562	5.8	7.4	4.5	693	388	305	3.0	3.8	2.4
2015	1,333	783	550	5.8	7.3	4.5	740	426	314	3.1	4.0	2.3
2016	1,344	801	543	5.7	7.3	4.3	703	444	259	2.9	4.1	1.9
2017	1,310	765	545	5.5	6.9	4.3	709	417	292	2.9	3.8	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, Multiple Myeloma

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	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	2	0	2	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	4	0	4	0.0	0.0	0.1	0	0	0	0.0	0.0	0.0
25 - 29	18	7	11	0.1	0.1	0.2	1	1	0	0.0	0.0	0.0
30 - 34	46	28	18	0.3	0.4	0.3	3	3	0	0.0	0.0	0.0
35 - 39	85	51	34	0.7	0.8	0.5	9	8	1	0.1	0.1	0.0
40 - 44	229	138	91	1.8	2.2	1.4	40	25	15	0.3	0.4	0.2
45 - 49	478	261	217	3.7	4.0	3.4	98	60	38	0.8	0.9	0.6
50 - 54	828	478	350	6.3	7.4	5.3	214	143	71	1.6	2.2	1.1
55 - 59	1,243	708	535	10.0	11.7	8.4	395	237	158	3.2	3.9	2.5
60 - 64	1,569	929	640	14.8	18.3	11.6	563	348	215	5.3	6.9	3.9
65 - 69	1,975	1,149	826	22.9	28.4	18.1	787	468	319	9.1	11.6	7.0
70 - 74	1,741	991	750	28.4	35.3	22.6	889	511	378	14.5	18.2	11.4
75 - 79	1,576	900	676	36.2	46.6	27.9	949	536	413	21.8	27.8	17.1
80 - 84	1,291	735	556	41.0	55.2	30.6	905	522	383	28.8	39.2	21.1
85 +	1,160	600	560	33.0	47.0	25.0	1,173	573	600	33.4	44.9	26.8
Total/Crude	12,245	6,975	5,270	6.3	7.2	5.4	6,026	3,435	2,591	3.1	3.6	2.6
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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	2	0	2	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
30 - 34	6	5	1	0.3	0.4	0.1	0	0	0	0.0	0.0	0.0
35 - 39	8	5	3	0.4	0.5	0.3	2	2	0	0.1	0.2	0.0
40 - 44	23	7	16	1.0	0.7	1.3	5	2	3	0.2	0.2	0.3
45 - 49	50	26	24	2.4	2.6	2.1	13	9	4	0.6	0.9	0.4
50 - 54	90	49	41	4.4	5.2	3.7	21	16	5	1.0	1.7	0.5
55 - 59	118	48	70	6.1	5.5	6.7	40	22	18	2.1	2.5	1.7
60 - 64	177	109	68	10.5	14.4	7.3	57	36	21	3.4	4.8	2.3
65 - 69	190	103	87	14.0	17.1	11.5	76	47	29	5.6	7.8	3.9
70 - 74	157	85	72	16.8	20.5	13.8	56	24	32	6.0	5.8	6.2
75 - 79	144	85	59	20.7	28.1	14.9	68	34	34	9.8	11.2	8.6
80 - 84	129	74	55	26.0	36.3	18.8	64	37	27	12.9	18.2	9.2
85 +	123	66	57	24.0	34.7	17.7	94	42	52	18.4	22.1	16.2
Total/Crude	1,217	662	555	4.1	4.7	3.6	496	271	225	1.7	1.9	1.5

(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.

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, Multiple Myeloma (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	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	2	0	2	0.2	0.0	0.4	0	0	0	0.0	0.0	0.0
25 - 29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30 - 34	8	5	3	0.9	1.2	0.7	0	0	0	0.0	0.0	0.0
35 - 39	10	7	3	1.3	1.8	0.8	2	1	1	0.3	0.3	0.3
40 - 44	22	14	8	2.9	3.7	2.1	5	3	2	0.7	0.8	0.5
45 - 49	67	33	34	8.2	8.1	8.3	18	9	9	2.2	2.2	2.2
50 - 54	108	66	42	12.4	15.4	9.5	24	12	12	2.8	2.8	2.7
55 - 59	182	100	82	22.3	25.2	19.6	58	34	24	7.1	8.6	5.7
60 - 64	204	125	79	31.7	41.3	23.2	86	48	38	13.4	15.9	11.2
65 - 69	254	137	117	52.7	63.1	44.1	104	55	49	21.6	25.3	18.5
70 - 74	178	95	83	53.7	66.2	44.1	120	67	53	36.2	46.7	28.1
75 - 79	192	106	86	78.8	102.8	61.2	109	53	56	44.7	51.4	39.8
80 - 84	125	75	50	77.9	117.6	51.7	87	46	41	54.2	72.2	42.4
85 +	97	45	52	62.6	89.6	49.6	107	44	63	69.0	87.6	60.1
Total/Crude	1,449	808	641	12.0	13.5	10.5	720	372	348	6.0	6.2	5.7
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	2	0	2	0.0	0.0	0.1	0	0	0	0.0	0.0	0.0
20 - 24	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	9	3	6	0.1	0.1	0.2	1	1	0	0.0	0.0	0.0
30 - 34	16	9	7	0.3	0.3	0.2	2	2	0	0.0	0.1	0.0
35 - 39	41	23	18	0.7	0.8	0.7	1	1	0	0.0	0.0	0.0
40 - 44	112	73	39	2.2	2.8	1.5	21	12	9	0.4	0.5	0.4
45 - 49	171	92	79	3.6	3.8	3.3	34	19	15	0.7	0.8	0.6
50 - 54	279	150	129	6.7	7.2	6.2	75	49	26	1.8	2.4	1.3
55 - 59	349	206	143	10.4	12.5	8.3	98	66	32	2.9	4.0	1.9
60 - 64	374	195	179	14.9	16.4	13.6	134	74	60	5.3	6.2	4.6
65 - 69	402	212	190	22.6	25.9	19.8	158	81	77	8.9	9.9	8.0
70 - 74	347	187	160	29.0	35.7	23.8	170	94	76	14.2	17.9	11.3
75 - 79	322	167	155	38.6	47.6	32.0	183	96	87	21.9	27.4	18.0
80 - 84	235	123	112	40.5	52.5	32.3	176	93	83	30.3	39.7	23.9
85 +	177	94	83	30.8	44.5	22.8	171	84	87	29.8	39.8	23.9
Total/Crude	2,837	1,534	1,303	3.8	4.0	3.5	1,224	672	552	1.6	1.8	1.5

(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.

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, Multiple Myeloma (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	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	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	6	4	2	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
30 - 34	16	9	7	0.3	0.3	0.3	1	1	0	0.0	0.0	0.0
35 - 39	23	13	10	0.5	0.6	0.5	4	4	0	0.1	0.2	0.0
40 - 44	70	44	26	1.5	1.9	1.2	9	8	1	0.2	0.3	0.1
45 - 49	178	103	75	3.4	3.9	3.0	31	22	9	0.6	0.8	0.4
50 - 54	333	201	132	5.6	6.7	4.5	93	66	27	1.6	2.2	0.9
55 - 59	571	337	234	9.2	10.8	7.5	196	113	83	3.2	3.6	2.7
60 - 64	789	484	305	13.9	17.4	10.5	283	187	96	5.0	6.7	3.3
65 - 69	1,091	673	418	22.1	28.2	16.4	446	283	163	9.0	11.9	6.4
70 - 74	1,026	607	419	28.3	35.5	21.8	540	326	214	14.9	19.1	11.2
75 - 79	896	532	364	35.1	45.7	26.2	584	349	235	22.9	30.0	16.9
80 - 84	778	450	328	41.0	54.7	30.6	575	344	231	30.3	41.8	21.6
85 +	750	389	361	33.2	47.5	25.1	793	400	393	35.1	48.8	27.3
Total/Crude	6,528	3,846	2,682	8.5	10.0	7.0	3,555	2,103	1,452	4.6	5.5	3.8

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.

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, Multiple Myeloma

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	0.83	0.00	0.00	0.00	0.62
25	0.00	0.02	0.07	0.85	0.00	0.01	0.05	0.62
35	0.01	0.07	0.20	0.86	0.01	0.05	0.15	0.62
45	0.06	0.19	0.43	0.86	0.04	0.14	0.31	0.62
55	0.14	0.39	0.68	0.83	0.10	0.27	0.47	0.59
65	0.28	0.59	-	0.76	0.18	0.39	-	0.52
Lifetime Risk of Being Diagnosed = 0.83%				Lifetime Risk of Being Diagnosed = 0.62%				
Lifetime Risk of Dying of Cancer = 0.51%				Lifetime Risk of Dying of Cancer = 0.37%				
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.49
25	0.00	0.01	0.05	0.69	0.00	0.01	0.04	0.49
35	0.01	0.04	0.14	0.70	0.01	0.04	0.10	0.49
45	0.04	0.13	0.29	0.70	0.03	0.09	0.21	0.49
55	0.10	0.26	0.47	0.68	0.07	0.18	0.31	0.47
65	0.17	0.40	-	0.62	0.12	0.26	-	0.41
Lifetime Risk of Being Diagnosed = 0.68%				Lifetime Risk of Being Diagnosed = 0.49%				
Lifetime Risk of Dying of Cancer = 0.33%				Lifetime Risk of Dying of Cancer = 0.27%				
NON-HISPANIC BLACK								
0	0.00	0.00	0.00	1.37	0.00	0.00	0.00	1.09
25	0.01	0.03	0.14	1.42	0.00	0.02	0.11	1.11
35	0.03	0.14	0.41	1.45	0.02	0.10	0.29	1.11
45	0.11	0.40	0.82	1.47	0.09	0.28	0.62	1.12
55	0.30	0.75	1.23	1.45	0.20	0.55	0.88	1.08
65	0.53	1.10	-	1.36	0.39	0.75	-	0.97
Lifetime Risk of Being Diagnosed = 1.37%				Lifetime Risk of Being Diagnosed = 1.09%				
Lifetime Risk of Dying of Cancer = 0.78%				Lifetime Risk of Dying of Cancer = 0.72%				
HISPANIC								
0	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.68
25	0.00	0.02	0.07	0.89	0.00	0.01	0.06	0.69
35	0.02	0.07	0.20	0.90	0.01	0.06	0.16	0.69
45	0.06	0.19	0.43	0.90	0.05	0.15	0.33	0.69
55	0.14	0.39	0.68	0.88	0.11	0.29	0.51	0.65
65	0.27	0.59	-	0.81	0.20	0.43	-	0.58
Lifetime Risk of Being Diagnosed = 0.88%				Lifetime Risk of Being Diagnosed = 0.68%				
Lifetime Risk of Dying of Cancer = 0.53%				Lifetime Risk of Dying of Cancer = 0.41%				
NON-HISPANIC WHITE								
0	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.56
25	0.00	0.02	0.07	0.80	0.00	0.01	0.05	0.56
35	0.01	0.06	0.19	0.80	0.01	0.04	0.13	0.57
45	0.05	0.18	0.42	0.81	0.04	0.12	0.28	0.56
55	0.13	0.38	0.65	0.79	0.09	0.25	0.43	0.54
65	0.27	0.57	-	0.72	0.17	0.37	-	0.48
Lifetime Risk of Being Diagnosed = 0.78%				Lifetime Risk of Being Diagnosed = 0.56%				
Lifetime Risk of Dying of Cancer = 0.50%				Lifetime Risk of Dying of Cancer = 0.35%				

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.

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.