

Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2015, 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	1,339	717	622	5.2	6.5	4.3	906	474	432	3.6	4.4	3.0
1994	1,365	708	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	1,511	820	691	5.6	7.2	4.6	964	477	487	3.6	4.3	3.2
1997	1,468	788	680	5.4	6.6	4.4	958	504	454	3.5	4.4	2.9
1998	1,441	767	674	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	1,577	830	747	5.4	6.4	4.5	936	481	455	3.2	4.0	2.8
2001	1,555	800	755	5.2	6.1	4.5	1,043	541	502	3.5	4.3	3.0
2002	1,590	855	735	5.2	6.4	4.3	1,068	575	493	3.5	4.5	2.9
2003	1,662	880	782	5.3	6.3	4.5	1,060	552	508	3.4	4.1	2.9
2004	1,798	971	827	5.6	6.9	4.7	1,007	553	454	3.2	4.1	2.5
2005	1,857	1,004	853	5.7	6.9	4.7	1,080	571	509	3.4	4.2	2.8
2006	1,770	990	780	5.3	6.7	4.3	1,039	542	497	3.2	3.9	2.7
2007	1,777	1,016	761	5.3	6.7	4.1	1,093	598	495	3.3	4.2	2.6
2008	1,947	1,068	879	5.6	6.9	4.6	1,021	577	444	3.0	3.9	2.3
2009	2,062	1,132	930	5.8	7.2	4.7	1,080	622	458	3.1	4.1	2.3
2010	2,209	1,207	1,002	6.1	7.5	5.0	1,117	595	522	3.1	3.9	2.6
2011	2,217	1,252	965	5.9	7.5	4.7	1,128	621	507	3.1	4.0	2.5
2012	2,325	1,353	972	6.0	7.8	4.6	1,215	653	562	3.2	4.0	2.7
2013	2,156	1,255	901	5.4	7.1	4.2	1,139	654	485	2.9	3.8	2.2
2014	2,383	1,340	1,043	5.8	7.3	4.7	1,182	644	538	3.0	3.7	2.4
2015	2,364	1,342	1,022	5.6	7.0	4.5	1,265	723	542	3.1	4.0	2.4
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	62	40	4.1	5.6	2.9	46	25	21	1.8	2.2	1.5
1998	88	45	43	3.2	3.6	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	109	52	57	3.3	3.3	3.2	46	28	18	1.4	1.9	1.0
2002	135	65	70	3.9	4.2	3.6	61	22	39	1.8	1.5	2.1
2003	134	68	66	3.6	4.3	3.1	64	37	27	1.8	2.3	1.3
2004	137	70	67	3.5	4.2	3.0	69	33	36	1.9	2.1	1.7
2005	153	73	80	3.8	4.2	3.5	82	37	45	2.0	2.2	2.0
2006	145	81	64	3.4	4.5	2.7	92	47	45	2.3	2.8	2.0
2007	148	80	68	3.4	4.2	2.8	84	51	33	2.0	2.9	1.3
2008	174	84	90	3.7	4.1	3.3	69	37	32	1.6	2.0	1.3
2009	170	93	77	3.5	4.5	2.8	85	46	39	1.8	2.4	1.5
2010	214	99	115	4.2	4.6	3.9	104	57	47	2.2	2.9	1.7
2011	202	113	89	3.8	4.9	3.0	95	49	46	1.9	2.3	1.6
2012	169	95	74	2.9	3.8	2.3	103	51	52	1.9	2.2	1.7
2013	229	122	107	3.9	4.9	3.1	80	47	33	1.4	1.9	1.0
2014	226	117	109	3.5	4.1	3.1	87	46	41	1.4	1.8	1.1
2015	222	136	86	3.3	4.6	2.3	106	51	55	1.6	1.6	1.5

(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.

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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		
	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	150	66	84	11.2	11.3	10.8	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	163	72	91	11.0	11.4	10.7	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	184	95	89	11.8	14.0	10.1	119	59	60	7.9	9.9	6.8
1999	185	88	97	11.5	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	203	98	105	11.8	13.7	10.7	121	54	67	7.4	8.3	7.1
2003	215	101	114	12.3	13.4	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	217	115	102	11.6	14.3	9.7	119	54	65	6.8	7.4	6.5
2006	223	119	104	11.6	13.8	9.9	126	61	65	7.0	8.1	6.3
2007	214	123	91	11.1	14.6	8.5	137	63	74	7.7	8.5	7.1
2008	227	120	107	11.6	14.5	9.8	130	73	57	6.9	9.4	5.2
2009	249	96	153	12.2	11.0	13.4	133	69	64	7.1	8.7	6.0
2010	267	140	127	13.0	16.0	10.8	128	64	64	6.5	8.0	5.6
2011	263	130	133	12.0	13.7	11.1	121	52	69	6.2	6.4	6.1
2012	306	154	152	13.6	15.3	12.2	131	57	74	6.1	5.9	6.2
2013	265	156	109	11.4	15.1	8.5	156	70	86	7.3	7.5	7.1
2014	259	144	115	11.2	13.9	9.0	140	68	72	6.3	7.2	5.6
2015	287	159	128	11.9	15.2	9.3	160	96	64	7.1	10.2	5.0
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	158	87	71	5.5	7.0	4.4	99	50	49	3.8	4.3	3.4
1991	158	87	71	5.2	6.2	4.3	95	47	48	3.4	3.9	3.1
1992	171	86	85	5.6	6.5	5.0	104	53	51	3.3	3.8	3.0
1993	187	101	86	5.6	7.1	4.6	105	58	47	3.4	4.6	2.6
1994	166	87	79	4.8	5.5	4.2	125	73	52	4.0	5.6	2.9
1995	186	102	84	5.4	7.1	4.2	104	55	49	3.1	3.8	2.6
1996	215	133	82	5.8	8.6	3.8	134	69	65	4.1	5.5	3.2
1997	205	103	102	5.2	5.5	4.9	129	73	56	3.8	4.8	3.0
1998	225	111	114	5.6	6.0	5.2	114	58	56	3.1	3.7	2.7
1999	234	110	124	5.4	5.7	5.2	149	74	75	3.8	4.0	3.5
2000	256	142	114	5.6	6.9	4.6	138	62	76	3.4	3.7	3.2
2001	273	135	138	5.8	6.9	5.1	179	95	84	4.1	5.1	3.4
2002	267	138	129	5.5	6.6	4.7	180	89	91	3.9	4.5	3.6
2003	306	152	154	5.8	6.5	5.3	183	87	96	3.7	3.9	3.5
2004	339	182	157	6.0	7.2	5.0	182	99	83	3.8	4.7	3.0
2005	337	181	156	5.7	6.8	4.8	188	97	91	3.5	4.3	3.0
2006	313	163	150	5.1	6.2	4.4	173	74	99	3.1	3.0	3.2
2007	352	198	154	5.4	6.7	4.3	195	93	102	3.2	3.5	3.0
2008	376	194	182	5.7	6.8	4.9	181	91	90	2.9	3.3	2.6
2009	406	207	199	5.6	6.2	5.0	202	119	83	3.2	4.3	2.3
2010	432	243	189	5.9	7.6	4.6	210	110	100	3.2	4.0	2.6
2011	493	263	230	6.3	7.8	5.2	219	115	104	3.2	4.0	2.7
2012	478	284	194	5.8	7.8	4.3	243	129	114	3.3	4.1	2.8
2013	466	265	201	5.4	7.0	4.2	192	108	84	2.4	3.2	1.9
2014	559	308	251	6.2	7.9	5.0	256	140	116	3.1	4.1	2.5
2015	535	282	253	5.6	6.5	4.9	253	147	106	3.0	4.0	2.2

(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	883	463	420	4.8	6.1	4.0	626	337	289	3.5	4.5	2.7
1991	922	475	447	5.0	6.3	4.3	648	319	329	3.5	4.2	3.0
1992	890	483	407	4.8	6.1	3.8	637	325	312	3.4	4.2	2.9
1993	922	506	416	4.9	6.3	3.8	651	337	314	3.5	4.3	2.9
1994	949	505	444	5.0	6.4	4.1	663	340	323	3.5	4.3	3.0
1995	911	469	442	4.8	5.8	4.1	692	390	302	3.6	4.9	2.7
1996	990	553	437	5.2	6.8	4.1	670	328	342	3.5	4.1	3.1
1997	976	526	450	5.0	6.3	4.1	672	361	311	3.4	4.4	2.7
1998	930	510	420	4.8	6.0	3.8	635	364	271	3.2	4.4	2.4
1999	976	533	443	4.9	6.2	4.0	708	397	311	3.5	4.6	2.7
2000	1,022	551	471	5.1	6.3	4.2	625	346	279	3.1	4.1	2.4
2001	978	515	463	4.9	5.8	4.1	700	354	346	3.4	4.1	2.9
2002	971	544	427	4.8	6.2	3.8	705	409	296	3.4	4.7	2.5
2003	998	554	444	4.9	6.1	3.8	674	366	308	3.2	4.1	2.5
2004	1,068	608	460	5.2	6.7	4.0	621	358	263	3.0	4.0	2.2
2005	1,138	629	509	5.5	6.8	4.4	689	382	307	3.3	4.2	2.6
2006	1,071	617	454	5.2	6.7	3.9	639	354	285	3.0	3.9	2.4
2007	1,047	605	442	5.0	6.5	3.8	675	389	286	3.2	4.3	2.4
2008	1,153	660	493	5.5	7.0	4.3	639	374	265	3.0	4.0	2.2
2009	1,210	721	489	5.7	7.6	4.2	655	386	269	3.0	4.1	2.1
2010	1,272	713	559	5.9	7.3	4.8	672	364	308	3.0	3.8	2.5
2011	1,236	733	503	5.6	7.4	4.2	684	401	283	3.1	4.2	2.3
2012	1,338	803	535	6.0	7.8	4.4	734	412	322	3.2	4.1	2.5
2013	1,164	694	470	5.2	6.8	3.9	710	428	282	3.1	4.2	2.2
2014	1,295	750	545	5.6	7.1	4.4	693	388	305	3.0	3.8	2.4
2015	1,285	746	539	5.6	7.0	4.4	740	426	314	3.1	4.0	2.3

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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, 2011-2015, Multiple Myeloma

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL RACES												
00 - 04	1	0	1	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	1	1	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	3	1	0.0	0.0	0.0	1	1	0	0.0	0.0	0.0
25 - 29	18	9	9	0.1	0.1	0.1	4	3	1	0.0	0.0	0.0
30 - 34	45	29	16	0.3	0.4	0.2	3	3	0	0.0	0.0	0.0
35 - 39	81	49	32	0.6	0.8	0.5	11	7	4	0.1	0.1	0.1
40 - 44	231	133	98	1.8	2.0	1.5	44	27	17	0.3	0.4	0.3
45 - 49	457	248	209	3.5	3.8	3.2	101	63	38	0.8	1.0	0.6
50 - 54	802	465	337	6.1	7.1	5.1	203	123	80	1.5	1.9	1.2
55 - 59	1,205	691	514	10.0	11.8	8.3	391	225	166	3.3	3.8	2.7
60 - 64	1,457	850	607	14.4	17.6	11.5	586	344	242	5.8	7.1	4.6
65 - 69	1,729	989	740	22.0	26.7	17.8	726	419	307	9.2	11.3	7.4
70 - 74	1,616	932	684	29.0	36.5	22.6	890	519	371	16.0	20.4	12.3
75 - 79	1,492	875	617	36.3	48.1	26.9	932	515	417	22.7	28.3	18.2
80 - 84	1,220	688	532	39.4	53.0	29.6	930	503	427	30.0	38.7	23.8
85 +	1,083	580	503	32.4	48.6	23.4	1,107	543	564	33.2	45.5	26.3
Total/Crude	11,445	6,542	4,903	5.8	7.3	4.5	5,929	3,295	2,634	3.1	3.5	2.7
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	1	1	0	0.1	0.1	0.0	0	0	0	0.0	0.0	0.0
25 - 29	3	0	3	0.1	0.0	0.3	0	0	0	0.0	0.0	0.0
30 - 34	7	5	2	0.3	0.5	0.2	0	0	0	0.0	0.0	0.0
35 - 39	12	8	4	0.6	0.8	0.3	1	1	0	0.1	0.1	0.0
40 - 44	19	6	13	0.9	0.6	1.1	5	2	3	0.2	0.2	0.3
45 - 49	39	28	11	1.9	3.0	1.0	14	9	5	0.7	1.0	0.5
50 - 54	74	45	29	3.7	4.9	2.7	24	16	8	1.2	1.8	0.8
55 - 59	109	49	60	5.9	5.9	6.0	31	16	15	1.7	1.9	1.5
60 - 64	159	93	66	10.1	13.2	7.6	57	35	22	3.6	5.0	2.5
65 - 69	152	82	70	12.9	15.6	10.8	65	34	31	5.5	6.5	4.8
70 - 74	148	80	68	17.5	21.3	14.5	72	34	38	8.5	9.1	8.1
75 - 79	139	81	58	21.7	29.5	15.9	65	36	29	10.2	13.1	7.9
80 - 84	102	56	46	22.3	30.2	16.9	65	28	37	14.2	15.1	13.6
85 +	84	49	35	19.0	29.9	12.6	72	33	39	16.3	20.1	14.0
Total/Crude	1,048	583	465	3.5	4.5	2.7	471	244	227	1.7	1.8	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, 2011-2015, Multiple Myeloma (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			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	1	0	1	0.1	0.0	0.2	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	0.1	0.0	0.2	0	0	0	0.0	0.0	0.0
25 - 29	2	1	1	0.2	0.2	0.2	1	0	1	0.1	0.0	0.2
30 - 34	7	5	2	0.9	1.2	0.5	1	1	0	0.1	0.2	0.0
35 - 39	8	5	3	1.1	1.3	0.8	3	1	2	0.4	0.3	0.5
40 - 44	31	15	16	3.9	3.8	4.1	9	4	5	1.1	1.0	1.3
45 - 49	73	34	39	8.6	8.1	9.1	17	6	11	2.0	1.4	2.6
50 - 54	114	65	49	12.8	14.8	10.9	28	11	17	3.2	2.5	3.8
55 - 59	190	109	81	24.5	28.9	20.3	62	35	27	8.0	9.3	6.8
60 - 64	195	102	93	32.1	35.9	28.8	95	51	44	15.7	18.0	13.6
65 - 69	226	128	98	51.8	65.2	40.8	87	48	39	19.9	24.4	16.2
70 - 74	179	100	79	56.8	73.1	44.3	113	63	50	35.9	46.0	28.0
75 - 79	168	89	79	72.3	89.5	59.4	105	52	53	45.2	52.3	39.9
80 - 84	114	62	52	76.5	107.0	57.1	87	33	54	58.4	57.0	59.3
85 +	71	28	43	48.8	60.3	43.4	100	38	62	68.7	81.8	62.5
Total/Crude	1,380	743	637	12.0	14.6	10.0	708	343	365	5.9	5.8	6.0
HISPANIC												
00 - 04	1	0	1	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	1	1	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	1	0	0.0	0.0	0.0	1	1	0	0.0	0.0	0.0
25 - 29	7	4	3	0.1	0.1	0.1	3	3	0	0.1	0.1	0.0
30 - 34	17	9	8	0.3	0.3	0.3	1	1	0	0.0	0.0	0.0
35 - 39	37	22	15	0.7	0.8	0.6	3	2	1	0.1	0.1	0.0
40 - 44	103	65	38	2.0	2.5	1.5	15	8	7	0.3	0.3	0.3
45 - 49	161	82	79	3.5	3.5	3.5	34	20	14	0.7	0.9	0.6
50 - 54	247	132	115	6.3	6.7	5.8	59	32	27	1.5	1.6	1.4
55 - 59	293	172	121	9.4	11.4	7.6	108	61	47	3.5	4.0	2.9
60 - 64	306	176	130	13.5	16.5	10.9	125	72	53	5.5	6.7	4.4
65 - 69	344	174	170	21.8	24.1	19.8	145	82	63	9.2	11.4	7.4
70 - 74	328	176	152	30.3	37.4	24.9	174	100	74	16.1	21.2	12.1
75 - 79	296	173	123	38.0	52.9	27.2	178	93	85	22.9	28.4	18.8
80 - 84	212	117	95	38.4	52.6	28.8	164	86	78	29.7	38.7	23.6
85 +	175	98	77	34.9	53.3	24.2	153	78	75	30.5	42.4	23.6
Total/Crude	2,531	1,402	1,129	5.8	7.4	4.7	1,163	639	524	1.6	1.7	1.4

(Table Continues)

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

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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, 2011-2015, Multiple Myeloma (continued)

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2011-2015			Annual Rate			Deaths 2011-2015			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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	5	4	1	0.1	0.2	0.0	0	0	0	0.0	0.0	0.0
30 - 34	12	9	3	0.2	0.4	0.1	1	1	0	0.0	0.0	0.0
35 - 39	24	14	10	0.5	0.6	0.5	4	3	1	0.1	0.1	0.1
40 - 44	75	46	29	1.5	1.8	1.2	14	12	2	0.3	0.5	0.1
45 - 49	178	101	77	3.3	3.6	2.9	35	28	7	0.6	1.0	0.3
50 - 54	355	215	140	5.6	6.8	4.5	91	64	27	1.5	2.0	0.9
55 - 59	592	346	246	9.5	11.2	7.9	187	111	76	3.0	3.6	2.4
60 - 64	775	470	305	13.9	17.1	10.7	305	183	122	5.5	6.7	4.3
65 - 69	981	587	394	21.2	26.3	16.5	427	254	173	9.2	11.4	7.2
70 - 74	934	561	373	28.3	36.1	21.3	526	318	208	15.9	20.5	11.9
75 - 79	868	524	344	35.6	47.3	25.8	582	333	249	23.9	30.0	18.7
80 - 84	773	447	326	40.2	54.0	29.7	612	356	256	31.8	43.0	23.4
85 +	746	402	344	33.3	50.6	23.8	777	392	385	34.7	49.4	26.7
Total/Crude	6,318	3,726	2,592	5.6	7.2	4.3	3,561	2,055	1,506	4.6	5.3	3.9

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. Excludes cases reported by the Department of Veterans Affairs. 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	0.60
25	0.00	0.02	0.07	0.84	0.00	0.01	0.05	0.60
35	0.01	0.07	0.20	0.85	0.01	0.05	0.14	0.60
45	0.05	0.19	0.43	0.85	0.04	0.13	0.30	0.60
55	0.14	0.39	0.67	0.83	0.09	0.27	0.46	0.57
65	0.27	0.58	-	0.76	0.18	0.38	-	0.51
Lifetime Risk of Being Diagnosed = 0.83%				Lifetime Risk of Being Diagnosed = 0.60%				
Lifetime Risk of Dying of Cancer = 0.51%				Lifetime Risk of Dying of Cancer = 0.39%				
ASIAN/PACIFIC ISLANDER								
0	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.42
25	0.00	0.01	0.05	0.64	0.00	0.01	0.03	0.43
35	0.01	0.04	0.13	0.64	0.01	0.03	0.09	0.43
45	0.04	0.12	0.28	0.64	0.02	0.08	0.19	0.42
55	0.09	0.25	0.45	0.61	0.06	0.18	0.30	0.41
65	0.17	0.38	-	0.56	0.12	0.25	-	0.36
Lifetime Risk of Being Diagnosed = 0.63%				Lifetime Risk of Being Diagnosed = 0.42%				
Lifetime Risk of Dying of Cancer = 0.32%				Lifetime Risk of Dying of Cancer = 0.28%				
NON-HISPANIC BLACK								
0	0.00	0.00	0.00	1.30	0.00	0.00	0.00	1.10
25	0.01	0.03	0.14	1.34	0.00	0.03	0.12	1.12
35	0.03	0.14	0.41	1.37	0.02	0.12	0.33	1.12
45	0.12	0.39	0.84	1.38	0.10	0.32	0.64	1.12
55	0.30	0.77	1.20	1.36	0.23	0.57	0.91	1.07
65	0.56	1.07	-	1.25	0.38	0.75	-	0.94
Lifetime Risk of Being Diagnosed = 1.30%				Lifetime Risk of Being Diagnosed = 1.10%				
Lifetime Risk of Dying of Cancer = 0.75%				Lifetime Risk of Dying of Cancer = 0.79%				
HISPANIC								
0	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.65
25	0.00	0.02	0.07	0.92	0.00	0.01	0.06	0.65
35	0.02	0.07	0.19	0.93	0.01	0.06	0.14	0.65
45	0.05	0.18	0.42	0.93	0.04	0.13	0.32	0.65
55	0.13	0.38	0.68	0.91	0.09	0.28	0.47	0.62
65	0.27	0.60	-	0.85	0.20	0.40	-	0.55
Lifetime Risk of Being Diagnosed = 0.91%				Lifetime Risk of Being Diagnosed = 0.65%				
Lifetime Risk of Dying of Cancer = 0.56%				Lifetime Risk of Dying of Cancer = 0.41%				
NON-HISPANIC WHITE								
0	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.55
25	0.00	0.01	0.06	0.80	0.00	0.01	0.05	0.56
35	0.01	0.06	0.19	0.81	0.01	0.04	0.13	0.56
45	0.05	0.18	0.41	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	0.53
65	0.27	0.57	-	0.73	0.17	0.36	-	0.47
Lifetime Risk of Being Diagnosed = 0.79%				Lifetime Risk of Being Diagnosed = 0.55%				
Lifetime Risk of Dying of Cancer = 0.51%				Lifetime Risk of Dying of Cancer = 0.37%				

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 Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2011-2015.
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