

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, Brain and Nervous System 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	1,725	959	766	6.7	8.1	5.6	1,085	605	480	4.5	5.5	3.7
1989	1,768	990	778	6.7	8.0	5.6	1,169	637	532	4.6	5.5	3.9
1990	1,840	1,017	823	6.9	8.2	5.8	1,192	666	526	4.7	5.7	3.8
1991	1,822	1,016	806	6.7	7.9	5.5	1,280	689	591	4.9	5.8	4.2
1992	1,852	1,013	839	6.6	7.8	5.6	1,253	698	555	4.7	5.9	3.8
1993	1,874	1,035	839	6.6	7.9	5.6	1,272	718	554	4.7	5.8	3.8
1994	1,861	1,045	816	6.6	7.9	5.4	1,288	731	557	4.7	5.9	3.7
1995	1,863	1,044	819	6.5	7.7	5.4	1,294	716	578	4.7	5.7	3.9
1996	1,827	1,009	818	6.3	7.3	5.3	1,230	653	577	4.4	5.1	3.8
1997	1,955	1,098	857	6.6	7.9	5.4	1,334	772	562	4.7	6.0	3.6
1998	1,965	1,051	914	6.5	7.4	5.7	1,416	820	596	4.8	6.1	3.8
1999	2,048	1,154	894	6.6	7.9	5.4	1,436	769	667	4.8	5.7	4.1
2000	1,957	1,098	859	6.2	7.4	5.1	1,376	768	608	4.5	5.5	3.7
2001	2,001	1,099	902	6.2	7.2	5.3	1,363	758	605	4.4	5.3	3.6
2002	2,095	1,164	931	6.4	7.6	5.4	1,405	802	603	4.4	5.6	3.5
2003	2,162	1,183	979	6.5	7.6	5.6	1,413	774	639	4.4	5.2	3.7
2004	2,147	1,232	915	6.3	7.7	5.1	1,388	774	614	4.2	5.2	3.4
2005	2,140	1,171	969	6.3	7.3	5.4	1,473	852	621	4.4	5.5	3.4
2006	2,091	1,175	916	6.0	7.2	5.0	1,416	799	617	4.2	5.1	3.4
2007	2,234	1,260	974	6.4	7.6	5.3	1,476	822	654	4.3	5.2	3.5
2008	2,215	1,276	939	6.2	7.5	5.0	1,508	864	644	4.3	5.3	3.3
2009	2,303	1,294	1,009	6.3	7.6	5.3	1,557	878	679	4.3	5.3	3.5
2010	2,296	1,261	1,035	6.1	7.1	5.3	1,515	832	683	4.1	4.9	3.4
2011	2,250	1,271	979	5.9	7.1	4.9	1,615	906	709	4.2	5.2	3.4
2012	2,304	1,330	974	5.9	7.3	4.8	1,709	977	732	4.4	5.4	3.5
2013	2,398	1,333	1,065	6.1	7.1	5.2	1,708	967	741	4.3	5.3	3.5
2014	2,380	1,357	1,023	5.9	7.1	4.9	1,740	999	741	4.3	5.3	3.4
ASIAN/PACIFIC ISLANDER												
1988	65	31	34	3.3	3.3	3.4	37	21	16	2.0	2.1	1.8
1989	83	46	37	3.9	4.1	3.7	31	14	17	1.7	-	1.8
1990	88	44	44	3.8	4.0	3.6	46	28	18	2.1	2.6	1.7
1991	94	52	42	3.9	4.3	3.5	49	24	25	2.3	2.3	2.3
1992	94	48	46	3.7	4.0	3.4	46	21	25	1.8	1.8	1.9
1993	124	61	63	4.7	4.8	4.6	66	33	33	2.9	2.8	2.9
1994	109	65	44	4.2	5.4	3.2	72	43	29	2.8	3.4	2.2
1995	116	56	60	3.7	3.8	3.7	58	27	31	2.2	2.2	2.2
1996	104	54	50	3.3	3.5	3.0	64	33	31	2.2	2.5	2.0
1997	115	62	53	3.6	4.2	3.0	70	39	31	2.5	2.9	2.1
1998	120	74	46	3.8	5.1	2.7	71	44	27	2.3	3.2	1.6
1999	128	69	59	3.6	4.2	3.1	69	39	30	2.1	2.7	1.6
2000	119	65	54	3.2	3.8	2.7	67	40	27	2.0	2.5	1.5
2001	134	77	57	3.5	4.5	2.8	74	43	31	2.0	2.8	1.5
2002	150	75	75	3.6	3.8	3.4	83	53	30	2.2	3.0	1.5
2003	163	80	83	3.9	4.3	3.7	84	46	38	2.1	2.7	1.7
2004	158	87	71	3.7	4.4	3.2	98	60	38	2.4	3.2	1.7
2005	164	81	83	3.8	4.1	3.5	98	56	42	2.4	3.0	1.8
2006	168	92	76	3.7	4.5	3.1	110	54	56	2.5	2.8	2.3
2007	181	104	77	3.9	4.8	3.1	99	55	44	2.2	2.6	1.8
2008	194	112	82	4.1	5.1	3.2	111	64	47	2.3	3.0	1.8
2009	177	97	80	3.5	4.1	3.0	103	52	51	2.1	2.3	1.9
2010	227	122	105	4.4	5.2	3.8	126	70	56	2.4	3.1	1.9
2011	202	102	100	3.8	4.3	3.4	121	67	54	2.2	2.7	1.8
2012	214	113	101	3.8	4.3	3.3	135	71	64	2.4	3.0	2.0
2013	210	116	94	3.7	4.4	3.1	154	78	76	2.6	2.9	2.4
2014	224	128	96	3.9	4.8	3.1	150	84	66	2.4	3.1	1.9

(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, Brain and Nervous System 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	82	52	30	4.7	6.0	3.4	48	25	23	3.2	3.5	2.9
1989	85	45	40	5.0	5.4	4.6	46	25	21	3.0	3.7	2.5
1990	84	40	44	4.6	4.7	4.5	57	25	32	3.5	3.2	3.7
1991	91	46	45	5.2	6.0	4.6	52	26	26	3.1	3.7	2.7
1992	73	42	31	4.0	5.0	3.1	48	28	20	2.9	4.0	2.1
1993	85	50	35	4.8	5.8	3.9	56	33	23	3.3	4.0	2.6
1994	69	32	37	3.7	3.9	3.7	55	34	21	3.3	4.7	2.3
1995	91	58	33	5.2	7.5	3.5	52	27	25	3.1	3.8	2.7
1996	90	46	44	5.0	5.7	4.6	47	27	20	2.9	3.7	2.3
1997	102	59	43	5.3	6.6	4.3	59	37	22	3.4	4.6	2.4
1998	97	41	56	5.0	4.5	5.4	68	36	32	3.9	4.7	3.3
1999	91	48	43	4.5	5.3	4.0	61	28	33	3.5	3.7	3.3
2000	79	47	32	3.8	4.9	2.9	52	26	26	2.7	2.8	2.5
2001	88	40	48	4.4	4.3	4.4	58	31	27	3.1	3.7	2.7
2002	79	45	34	3.7	4.3	3.1	46	26	20	2.6	3.4	2.0
2003	103	60	43	5.0	6.3	3.8	53	33	20	2.7	3.8	1.8
2004	86	47	39	4.2	5.1	3.5	61	37	24	3.0	4.3	2.2
2005	81	39	42	3.9	4.1	3.8	57	34	23	2.9	3.7	2.2
2006	79	41	38	3.8	4.5	3.3	54	32	22	2.8	3.9	2.0
2007	86	48	38	3.9	4.6	3.3	53	27	26	2.6	3.0	2.3
2008	94	55	39	4.2	5.4	3.3	55	34	21	2.6	3.5	1.9
2009	100	45	55	4.7	4.3	4.9	65	28	37	3.2	2.8	3.4
2010	103	55	48	4.6	5.4	4.1	64	25	39	3.0	2.7	3.3
2011	107	64	43	4.8	6.3	3.6	70	39	31	3.1	3.8	2.5
2012	88	55	33	3.7	4.8	2.7	74	46	28	3.3	4.3	2.3
2013	111	73	38	4.6	6.4	2.9	65	41	24	2.9	4.0	2.1
2014	95	55	40	3.9	4.7	3.1	74	42	32	3.0	4.1	2.3
HISPANIC												
1988	243	150	93	5.0	6.6	3.6	110	65	45	3.0	4.0	2.2
1989	232	124	108	5.2	5.8	4.7	133	80	53	3.3	4.5	2.4
1990	264	146	118	5.0	6.0	4.2	138	82	56	3.6	5.0	2.5
1991	286	159	127	5.2	5.9	4.6	141	83	58	3.0	3.8	2.4
1992	287	139	148	5.1	5.3	5.1	153	81	72	3.5	4.2	3.0
1993	283	154	129	5.1	6.0	4.5	147	73	74	3.2	3.2	3.2
1994	296	170	126	5.3	6.5	4.3	150	89	61	3.2	4.0	2.5
1995	329	182	147	5.6	6.4	4.9	172	97	75	3.7	4.5	3.0
1996	307	142	165	4.7	4.3	5.1	173	84	89	3.5	3.4	3.5
1997	339	185	154	5.4	6.1	4.7	174	97	77	3.4	4.0	2.8
1998	331	163	168	5.0	5.0	4.9	211	102	109	3.9	3.7	3.9
1999	386	200	186	5.3	5.5	5.0	211	103	108	3.6	3.8	3.4
2000	388	208	180	5.0	5.8	4.4	234	126	108	3.9	4.6	3.3
2001	422	224	198	5.5	5.8	5.1	219	106	113	3.4	3.7	3.2
2002	462	231	231	5.7	5.9	5.6	226	112	114	3.4	3.5	3.4
2003	449	226	223	5.5	6.3	5.0	245	116	129	3.6	3.6	3.7
2004	476	274	202	5.5	6.9	4.4	241	131	110	3.6	4.4	3.0
2005	471	267	204	5.3	6.4	4.3	267	154	113	3.8	4.9	2.9
2006	481	263	218	5.1	5.6	4.6	256	147	109	3.3	4.0	2.7
2007	509	256	253	5.3	5.5	5.1	298	157	141	3.7	3.9	3.4
2008	514	291	223	5.2	6.1	4.3	300	164	136	3.5	4.0	3.1
2009	504	283	221	5.0	5.9	4.3	298	152	146	3.6	3.8	3.3
2010	522	293	229	5.1	5.9	4.3	279	155	124	3.2	3.6	2.8
2011	504	273	231	4.6	5.3	4.0	316	172	144	3.5	4.0	3.0
2012	502	275	227	4.5	5.3	3.9	335	179	156	3.5	4.0	3.0
2013	561	299	262	4.9	5.7	4.3	319	180	139	3.2	3.9	2.6
2014	590	307	283	5.0	5.5	4.5	360	190	170	3.6	4.1	3.1

(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. 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, Brain and Nervous System 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	1,327	724	603	7.7	9.2	6.6	890	494	396	5.1	6.3	4.2
1989	1,358	767	591	7.7	9.3	6.4	955	515	440	5.4	6.4	4.7
1990	1,396	782	614	7.9	9.5	6.5	951	531	420	5.3	6.5	4.3
1991	1,340	753	587	7.5	9.1	6.1	1,036	554	482	5.8	6.8	4.9
1992	1,389	780	609	7.8	9.4	6.5	1,003	565	438	5.5	6.9	4.4
1993	1,369	759	610	7.6	9.1	6.4	1,002	578	424	5.5	7.0	4.3
1994	1,364	765	599	7.7	9.2	6.4	1,011	565	446	5.6	6.8	4.5
1995	1,320	744	576	7.4	9.0	6.0	1,011	564	447	5.6	6.8	4.5
1996	1,309	759	550	7.4	9.1	5.8	942	507	435	5.2	6.0	4.4
1997	1,388	786	602	7.8	9.3	6.4	1,026	596	430	5.5	7.1	4.3
1998	1,409	770	639	7.8	9.1	6.7	1,062	637	425	5.7	7.4	4.2
1999	1,425	827	598	7.9	9.7	6.2	1,093	598	495	5.8	6.9	4.8
2000	1,362	774	588	7.5	9.0	6.1	1,017	574	443	5.3	6.6	4.2
2001	1,333	742	591	7.3	8.7	6.1	1,008	575	433	5.3	6.5	4.2
2002	1,393	806	587	7.7	9.4	6.2	1,044	607	437	5.4	6.8	4.2
2003	1,434	808	626	7.8	9.2	6.6	1,022	575	447	5.2	6.4	4.2
2004	1,414	816	598	7.6	9.2	6.2	984	544	440	5.0	6.0	4.1
2005	1,410	776	634	7.7	8.9	6.7	1,045	604	441	5.3	6.6	4.2
2006	1,348	770	578	7.4	8.7	6.1	994	566	428	5.1	6.3	4.0
2007	1,443	841	602	7.9	9.7	6.2	1,023	581	442	5.1	6.3	4.2
2008	1,391	805	586	7.5	9.1	6.1	1,036	597	439	5.1	6.4	4.0
2009	1,502	860	642	8.0	9.6	6.6	1,086	645	441	5.4	6.9	4.0
2010	1,424	780	644	7.7	8.9	6.6	1,042	580	462	5.1	6.0	4.3
2011	1,408	818	590	7.4	8.9	6.1	1,101	623	478	5.3	6.4	4.3
2012	1,476	873	603	7.8	9.6	6.2	1,155	677	478	5.4	6.9	4.2
2013	1,493	831	662	7.9	9.0	6.8	1,160	663	497	5.4	6.7	4.4
2014	1,440	852	588	7.5	9.3	5.9	1,142	675	467	5.3	6.6	4.1

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.

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, Brain and Nervous System 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	461	258	203	3.7	4.0	3.3	74	43	31	0.6	0.7	0.5
05 - 09	384	197	187	3.0	3.0	3.0	123	65	58	1.0	1.0	0.9
10 - 14	286	171	115	2.2	2.6	1.9	88	48	40	0.7	0.7	0.6
15 - 19	280	161	119	2.1	2.3	1.8	71	44	27	0.5	0.6	0.4
20 - 24	275	156	119	1.9	2.1	1.7	71	43	28	0.5	0.6	0.4
25 - 29	363	210	153	2.6	2.9	2.2	99	60	39	0.7	0.8	0.6
30 - 34	412	242	170	3.1	3.5	2.6	131	90	41	1.0	1.3	0.6
35 - 39	417	240	177	3.3	3.8	2.8	194	116	78	1.5	1.8	1.2
40 - 44	513	298	215	3.9	4.5	3.3	258	154	104	2.0	2.3	1.6
45 - 49	729	431	298	5.6	6.6	4.5	458	283	175	3.5	4.3	2.7
50 - 54	950	562	388	7.3	8.7	5.9	657	412	245	5.0	6.4	3.7
55 - 59	1,175	668	507	10.0	11.7	8.4	904	509	395	7.7	8.9	6.6
60 - 64	1,221	688	533	12.4	14.6	10.4	1,004	574	430	10.2	12.2	8.4
65 - 69	1,180	664	516	15.9	19.0	13.1	1,068	600	468	14.4	17.2	11.9
70 - 74	961	543	418	18.0	22.3	14.4	876	519	357	16.4	21.3	12.3
75 - 79	759	420	339	18.9	23.8	15.1	762	402	360	19.0	22.7	16.1
80 - 84	647	366	281	21.1	28.6	15.7	704	394	310	22.9	30.8	17.3
85 +	615	277	338	19.0	24.1	16.2	745	325	420	23.0	28.2	20.1
Total/Crude	11,628	6,552	5,076	6.1	6.9	5.3	8,287	4,681	3,606	4.4	5.0	3.8
ASIAN/PACIFIC ISLANDER												
00 - 04	46	28	18	3.1	3.6	2.5	8	5	3	0.5	0.7	0.4
05 - 09	46	25	21	3.0	3.2	2.8	15	9	6	1.0	1.1	0.8
10 - 14	27	14	13	1.7	1.8	1.7	13	6	7	0.8	0.8	0.9
15 - 19	30	14	16	1.8	1.6	2.0	11	5	6	0.7	0.6	0.7
20 - 24	27	13	14	1.4	1.3	1.5	7	3	4	0.4	0.3	0.4
25 - 29	36	24	12	1.7	2.3	1.1	10	8	2	0.5	0.8	0.2
30 - 34	48	27	21	2.3	2.7	1.9	19	13	6	0.9	1.3	0.5
35 - 39	68	32	36	3.2	3.2	3.2	28	13	15	1.3	1.3	1.3
40 - 44	68	41	27	3.2	4.1	2.3	31	22	9	1.5	2.2	0.8
45 - 49	77	38	39	3.8	4.1	3.6	60	32	28	3.0	3.4	2.6
50 - 54	62	37	25	3.2	4.1	2.4	40	23	17	2.1	2.6	1.6
55 - 59	93	47	46	5.2	5.8	4.7	78	34	44	4.4	4.2	4.5
60 - 64	97	49	48	6.5	7.3	5.8	78	44	34	5.2	6.5	4.1
65 - 69	87	49	38	8.0	10.1	6.4	66	33	33	6.1	6.8	5.5
70 - 74	87	52	35	10.8	14.5	7.8	52	33	19	6.5	9.2	4.2
75 - 79	71	41	30	11.6	15.8	8.6	55	30	25	9.0	11.5	7.1
80 - 84	57	30	27	13.0	17.0	10.3	57	28	29	13.0	15.9	11.1
85 +	50	20	30	12.2	13.2	11.7	58	29	29	14.2	19.1	11.3
Total/Crude	1,077	581	496	3.9	4.5	3.5	686	370	316	2.5	2.9	2.2

(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, Brain and Nervous System 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	28	18	10	3.6	4.5	2.6	4	3	1	0.5	0.8	0.3
05 - 09	19	7	12	2.4	1.8	3.1	8	4	4	1.0	1.0	1.0
10 - 14	23	15	8	2.7	3.5	1.9	5	1	4	0.6	0.2	1.0
15 - 19	15	13	2	1.6	2.6	0.4	7	6	1	0.7	1.2	0.2
20 - 24	18	12	6	1.8	2.3	1.2	5	2	3	0.5	0.4	0.6
25 - 29	16	8	8	1.8	1.8	1.9	6	3	3	0.7	0.7	0.7
30 - 34	18	11	7	2.2	2.7	1.8	5	4	1	0.6	1.0	0.3
35 - 39	15	9	6	2.0	2.4	1.6	7	5	2	1.0	1.4	0.5
40 - 44	21	11	10	2.6	2.7	2.5	16	11	5	2.0	2.7	1.2
45 - 49	40	26	14	4.6	6.0	3.2	21	11	10	2.4	2.6	2.3
50 - 54	50	31	19	5.6	7.1	4.2	31	19	12	3.5	4.3	2.7
55 - 59	56	34	22	7.4	9.3	5.7	35	20	15	4.7	5.5	3.9
60 - 64	44	23	21	7.5	8.4	6.7	53	25	28	9.0	9.1	8.9
65 - 69	43	27	16	10.4	14.5	7.0	36	24	12	8.7	12.9	5.3
70 - 74	35	24	11	11.4	17.9	6.4	30	20	10	9.8	14.9	5.8
75 - 79	20	11	9	8.9	11.5	7.0	25	13	12	11.1	13.5	9.3
80 - 84	28	14	14	19.4	25.3	15.8	30	14	16	20.8	25.3	18.0
85 +	15	8	7	10.6	18.0	7.3	23	8	15	16.3	18.0	15.6
Total/Crude	504	302	202	4.2	5.1	3.3	347	193	154	2.9	3.3	2.6
HISPANIC												
00 - 04	198	97	101	3.0	2.8	3.1	34	15	19	0.5	0.4	0.6
05 - 09	161	81	80	2.4	2.4	2.5	57	30	27	0.9	0.9	0.8
10 - 14	120	71	49	1.9	2.2	1.5	41	25	16	0.6	0.8	0.5
15 - 19	109	59	50	1.6	1.7	1.5	32	20	12	0.5	0.6	0.4
20 - 24	80	38	42	1.2	1.1	1.4	30	19	11	0.5	0.6	0.4
25 - 29	112	61	51	1.9	2.0	1.8	37	24	13	0.6	0.8	0.5
30 - 34	122	76	46	2.1	2.6	1.7	48	32	16	0.8	1.1	0.6
35 - 39	129	75	54	2.4	2.8	2.0	69	44	25	1.3	1.6	0.9
40 - 44	153	88	65	3.0	3.4	2.6	74	45	29	1.5	1.7	1.2
45 - 49	191	111	80	4.2	4.8	3.6	115	68	47	2.6	3.0	2.1
50 - 54	231	135	96	6.1	7.2	5.0	164	102	62	4.3	5.4	3.3
55 - 59	214	111	103	7.3	7.8	6.8	152	78	74	5.2	5.5	4.9
60 - 64	208	113	95	9.8	11.2	8.4	142	75	67	6.7	7.5	6.0
65 - 69	197	98	99	13.4	14.7	12.3	157	74	83	10.7	11.1	10.3
70 - 74	163	89	74	15.9	19.9	12.7	133	75	58	12.9	16.8	10.0
75 - 79	121	67	54	16.2	21.4	12.4	124	60	64	16.6	19.1	14.7
80 - 84	91	45	46	17.0	21.0	14.4	112	59	53	21.0	27.5	16.6
85 +	79	32	47	17.1	18.9	16.0	88	31	57	19.0	18.3	19.4
Total/Crude	2,679	1,447	1,232	3.7	4.0	3.4	1,609	876	733	2.2	2.4	2.0

(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, Brain and Nervous System 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	182	110	72	5.1	6.0	4.1	28	20	8	0.8	1.1	0.5
05 - 09	153	82	71	4.2	4.4	4.0	43	22	21	1.2	1.2	1.2
10 - 14	112	69	43	3.0	3.5	2.3	29	16	13	0.8	0.8	0.7
15 - 19	115	70	45	2.7	3.2	2.2	21	13	8	0.5	0.6	0.4
20 - 24	142	87	55	2.9	3.4	2.4	29	19	10	0.6	0.8	0.4
25 - 29	196	115	81	3.9	4.4	3.3	46	25	21	0.9	1.0	0.9
30 - 34	216	123	93	4.5	5.0	4.0	58	41	17	1.2	1.7	0.7
35 - 39	203	124	79	4.6	5.5	3.7	88	53	35	2.0	2.3	1.6
40 - 44	263	154	109	5.2	6.0	4.4	135	75	60	2.7	2.9	2.4
45 - 49	415	252	163	7.3	8.8	5.8	258	169	89	4.6	5.9	3.2
50 - 54	601	355	246	9.4	11.0	7.8	418	265	153	6.5	8.2	4.8
55 - 59	802	469	333	13.0	15.3	10.7	634	373	261	10.3	12.1	8.4
60 - 64	861	496	365	15.6	18.3	12.9	725	428	297	13.1	15.8	10.5
65 - 69	844	486	358	19.1	22.8	15.7	803	465	338	18.2	21.8	14.8
70 - 74	663	372	291	21.0	25.1	17.3	652	386	266	20.6	26.0	15.9
75 - 79	539	300	239	22.4	27.5	18.2	553	298	255	23.0	27.3	19.4
80 - 84	465	274	191	23.9	33.1	17.1	504	293	211	25.9	35.4	18.9
85 +	469	216	253	21.1	27.6	17.6	576	257	319	25.9	32.9	22.2
Total/Crude	7,241	4,154	3,087	9.4	10.8	8.0	5,600	3,218	2,382	7.3	8.4	6.1

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.

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, Brain and Nervous System Cancer

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
ALL RACES								
0	0.03	0.06	0.08	0.68	0.03	0.05	0.07	0.53
25	0.03	0.07	0.14	0.62	0.02	0.05	0.10	0.48
35	0.04	0.11	0.23	0.60	0.03	0.08	0.17	0.46
45	0.07	0.19	0.35	0.57	0.05	0.14	0.25	0.43
55	0.12	0.29	0.44	0.51	0.09	0.21	0.31	0.39
65	0.18	0.34	-	0.43	0.12	0.24	-	0.32
Lifetime Risk of Being Diagnosed = 0.68%				Lifetime Risk of Being Diagnosed = 0.53%				
Lifetime Risk of Dying of Cancer = 0.57%				Lifetime Risk of Dying of Cancer = 0.44%				
ASIAN/PACIFIC ISLANDER								
0	0.03	0.05	0.07	0.49	0.03	0.04	0.06	0.40
25	0.02	0.06	0.10	0.44	0.02	0.04	0.07	0.35
35	0.04	0.08	0.14	0.42	0.03	0.06	0.10	0.33
45	0.04	0.10	0.20	0.39	0.03	0.08	0.14	0.31
55	0.06	0.17	0.28	0.36	0.05	0.11	0.19	0.28
65	0.11	0.23	-	0.31	0.07	0.14	-	0.24
Lifetime Risk of Being Diagnosed = 0.49%				Lifetime Risk of Being Diagnosed = 0.40%				
Lifetime Risk of Dying of Cancer = 0.39%				Lifetime Risk of Dying of Cancer = 0.30%				
NON-HISPANIC BLACK								
0	0.03	0.06	0.08	0.43	0.03	0.04	0.05	0.29
25	0.02	0.05	0.11	0.38	0.02	0.04	0.07	0.25
35	0.03	0.09	0.16	0.36	0.02	0.05	0.10	0.24
45	0.06	0.14	0.24	0.35	0.03	0.09	0.13	0.22
55	0.08	0.19	0.26	0.30	0.06	0.11	0.17	0.20
65	0.13	0.21	-	0.26	0.06	0.13	-	0.16
Lifetime Risk of Being Diagnosed = 0.43%				Lifetime Risk of Being Diagnosed = 0.29%				
Lifetime Risk of Dying of Cancer = 0.33%				Lifetime Risk of Dying of Cancer = 0.28%				
HISPANIC								
0	0.02	0.04	0.06	0.57	0.03	0.04	0.06	0.48
25	0.02	0.05	0.11	0.53	0.02	0.04	0.08	0.44
35	0.03	0.09	0.17	0.51	0.02	0.07	0.14	0.42
45	0.06	0.14	0.28	0.48	0.04	0.11	0.22	0.40
55	0.09	0.23	0.36	0.44	0.07	0.18	0.28	0.37
65	0.15	0.29	-	0.38	0.12	0.22	-	0.31
Lifetime Risk of Being Diagnosed = 0.57%				Lifetime Risk of Being Diagnosed = 0.48%				
Lifetime Risk of Dying of Cancer = 0.45%				Lifetime Risk of Dying of Cancer = 0.41%				
NON-HISPANIC WHITE								
0	0.05	0.08	0.12	0.83	0.04	0.06	0.09	0.64
25	0.05	0.10	0.20	0.74	0.04	0.08	0.14	0.57
35	0.06	0.15	0.30	0.71	0.04	0.11	0.21	0.53
45	0.10	0.25	0.43	0.66	0.07	0.18	0.31	0.50
55	0.16	0.34	0.51	0.59	0.11	0.25	0.37	0.44
65	0.21	0.39	-	0.48	0.15	0.27	-	0.35
Lifetime Risk of Being Diagnosed = 0.83%				Lifetime Risk of Being Diagnosed = 0.64%				
Lifetime Risk of Dying of Cancer = 0.68%				Lifetime Risk of Dying of Cancer = 0.52%				

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.