

Appendix B

State and County Alzheimer's Disease Prevalence Estimates

Table B1: Estimated Number and Percent Change in People 55+ with Alzheimer's Disease: 2008, 2015 and 2030, California and Counties

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Alameda	23,748	26,847	47,438	13	77	100
Alpine	33	53	103	61	94	212
Amador	1,040	1,293	2,182	24	69	110
Butte	4,900	5,172	8,175	6	58	67
Calaveras	1,275	1,671	2,820	31	69	121
Colusa	364	421	704	16	67	93
Contra Costa	17,511	20,435	36,895	17	81	111
Del Norte	535	650	1,108	21	70	107
El Dorado	3,287	4,094	7,944	25	94	142
Fresno	12,249	14,216	24,808	16	75	103
Glenn	557	656	1,036	18	58	86
Humboldt	2,341	2,661	4,452	14	67	90
Imperial	2,563	3,444	5,949	34	73	132
Inyo	554	618	893	12	44	61
Kern	9,197	11,418	20,614	24	81	124
Kings	1,458	1,839	3,371	26	83	131
Lake	1,700	2,056	3,386	21	65	99
Lassen	502	645	1,199	28	86	139
Los Angeles	155,575	177,000	289,280	14	63	86
Madera	2,312	3,002	6,274	30	109	171
Marin	5,632	6,194	10,557	10	70	87
Mariposa	478	614	1,106	28	80	131
Mendocino	1,868	2,149	3,594	15	67	92
Merced	3,105	3,764	6,461	21	72	108
Modoc	272	319	544	17	71	100
Mono	179	266	538	49	102	201
Monterey	6,676	7,592	12,465	14	64	87
Napa	3,092	3,236	5,123	5	58	66
Nevada	2,441	2,769	4,914	13	77	101
Orange	46,263	54,109	92,150	17	70	99
Placer	6,834	8,401	14,174	23	69	107
Plumas	603	722	1,048	20	45	74
Riverside	31,992	37,025	60,116	16	62	88

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Sacramento	22,006	25,692	44,181	17	72	101
San Benito	719	904	1,759	26	95	145
San Bernardino	23,680	29,922	56,591	26	89	139
San Diego	49,530	54,490	92,804	10	70	87
San Francisco	17,438	19,206	26,868	10	40	54
San Joaquin	9,796	11,840	20,514	21	73	109
San Luis Obispo	6,082	6,831	10,836	12	59	78
San Mateo	13,684	14,610	23,298	7	59	70
Santa Barbara	8,148	8,682	13,209	7	52	62
Santa Clara	27,658	32,988	58,569	19	78	112
Santa Cruz	3,763	3,931	7,699	4	96	105
Shasta	3,870	4,540	7,482	17	65	93
Sierra	103	117	171	14	46	66
Siskiyou	1,283	1,458	2,126	14	46	66
Solano	6,113	7,458	14,139	22	90	131
Sonoma	8,902	9,169	15,799	3	72	77
Stanislaus	7,575	9,286	16,138	23	74	113
Sutter	1,592	2,035	3,642	28	79	129
Tehama	1,365	1,585	2,320	16	46	70
Trinity	368	475	817	29	72	122
Tulare	5,586	6,692	11,733	20	75	110
Tuolumne	1,684	2,033	3,229	21	59	92
Ventura	12,541	14,819	26,301	18	77	110
Yolo	2,571	3,042	5,712	18	88	122
Yuba	1,016	1,289	2,204	27	71	117
CALIFORNIA	588,208	678,446	1,149,560	15	69	95

Table B2: Estimated Number and Percent Change in People 55+ with Alzheimer's Disease by Race: 2008, 2015 and 2030, California

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Caucasian/non-Latino	386,251	399,324	590,160	3	48	53
Latino/Hispanic	92,242	128,887	276,821	40	115	200
African-American	26,521	31,569	52,369	19	66	97
Asian/Pacific Islander	72,075	101,113	194,266	40	92	170
American Indian	3,219	4,945	10,591	54	114	229
Multirace	7,899	12,608	25,353	60	101	221

Table B3: Estimated Number of People 55+ with Alzheimer's Disease by Race and County, 2008

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	12,875	2,250	2,992	5,145	92	394
Alpine	29*	0*	0*	0*	4*	0*
Amador	963	42*	4*	7*	13*	12*
Butte	4,450	169	53*	91	54*	82*
Calaveras	1,166	62*	11*	10*	13*	14*
Colusa	265	72	5*	11*	6*	4*
Contra Costa	12,892	1,404	986	1,941	70	218
Del Norte	463	20*	1*	7*	31*	13*
El Dorado	3,002	126	15*	73	22*	49*
Fresno	7,961	2,561	423	1,048	98	159
Glenn	457	65	3*	13*	9*	10*
Humboldt	2,081	75	13*	32*	90	51*
Imperial	848	1,529	68	60*	41*	17*
Inyo	465	33	0*	3*	43*	10*
Kern	6,447	1,657	346	454	106	188
Kings	894	355	76	93	17*	23*
Lake	1,467	91	66*	20*	26*	30*
Lassen	428	30	13*	2*	17*	12*
Los Angeles	79,477	36,934	12,058	24,559	442	2,104
Madera	1,657	453	72*	55*	41*	34*
Marin	4,985	308	76	207	7*	50*
Mariposa	427	22*	3*	4*	12*	11*
Mendocino	1,642	88	11*	25*	68	33*
Merced	2,052	703	104	173	23*	50*
Modoc	239	11*	1*	3*	13*	4*
Mono	155	11*	1*	3*	8*	2*
Monterey	4,475	1,259	154	655	43*	90
Napa	2,622	260	33*	123	14*	40*
Nevada	2,297	72	5*	23*	13*	31*
Orange	33,834	5,069	303	6,396	158	503
Placer	6,071	396	36*	228	35*	67*
Plumas	554	17*	5*	5*	13*	10*
Riverside	24,647	4,535	1,199	1,123	137	350

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	15,207	2,250	1,159	2,771	123	495
San Benito	444	219	7*	33*	7*	9*
San Bernardino	15,216	5,185	1,484	1,326	147	322
San Diego	37,349	6,074	1,064	4,335	306	401
San Francisco	7,299	1,619	1,174	7,035	46*	266
San Joaquin	5,927	1,810	416	1,371	64	209
San Luis Obispo	5,435	369	45*	121	36*	78*
San Mateo	9,014	1,402	435	2,625	35*	173
Santa Barbara	6,377	1,218	118	309	48*	79*
Santa Clara	16,776	4,001	393*	6,100	108	279
Santa Cruz	3,019	439	27	206	22*	50*
Shasta	3,527	105	26*	65*	67*	80*
Sierra	94	5*	0*	0*	1*	2*
Siskiyou	1,127	52*	25*	12*	34*	34*
Solano	3,843	492	495	1,118	41*	124
Sonoma	7,696	667	76	295	58	110
Stanislaus	5,462	1,477	90	349	66	130
Sutter	1,147	210	23*	164	18*	31*
Tehama	1,219	82	5*	8*	24*	26*
Trinity	332	7*	1*	1*	14*	12*
Tulare	3,816	1,311	72*	235	60*	92
Tuolumne	1,557	73	5*	10*	16*	23*
Ventura	9,415	2,024	147	762	59*	135
Yolo	1,915	371	67*	158	24*	37*
Yuba	753	101	34*	72*	19*	38*

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Table B4: Estimated Number of People 55+ with Alzheimer's Disease by Race and County, 2015

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	12,667	3,126	3,136	7,178	138	603
Alpine	44*	1*	0*	0*	7*	1*
Amador	1,152	71*	9*	15*	23*	23*
Butte	4,539	220	71*	120	87	134
Calaveras	1,470	102	22*	21*	25*	31*
Colusa	265	112	6*	19*	12*	8*
Contra Costa	13,836	2,028	1,196	2,918	110	347
Del Norte	513	43*	3*	15*	52*	23*
El Dorado	3,657	177	23*	117	38*	82
Fresno	8,143	3,767	490	1,443	133	240
Glenn	491	108	5*	20*	14*	17*
Humboldt	2,261	109	24*	55*	126	86
Imperial	884	2,307	78	85	61*	30*
Inyo	475	54*	0*	5*	71*	14*
Kern	7,342	2,519	475	654	140	288
Kings	1,011	537	101	119	32*	38*
Lake	1,736	125	73*	33*	41*	48*
Lassen	513	53*	20*	5*	31*	22*
Los Angeles	78,318	47,796	13,575	33,360	610	3,341
Madera	1,973	750	79*	77*	65*	59*
Marin	5,225	498	88	292	16*	75
Mariposa	519	39*	4*	8*	24*	21*
Mendocino	1,781	136	17*	46*	112	58*
Merced	2,208	1,079	117	232	40*	88
Modoc	263	20*	2*	5*	19*	10*
Mono	217	23*	2*	5*	15*	5*
Monterey	4,457	1,875	145	892	68*	155
Napa	2,507	415	49*	178	25*	63*
Nevada	2,523	116	8*	41*	27*	55*
Orange	35,278	7,517	441	9,866	216	792
Placer	7,268	570	57*	338	58*	110
Plumas	637	32*	7*	9*	20*	17*
Riverside	25,357	7,251	1,627	1,939	216	635

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	16,315	3,183	1,519	3,707	168	799
San Benito	487	325	10*	52*	12*	17*
San Bernardino	16,758	8,033	2,237	2,139	216	540
San Diego	37,286	8,481	1,285	6,418	477	544
San Francisco	6,856	1,974	1,220	8,680	75	402
San Joaquin	6,179	2,775	576	1,915	102	294
San Luis Obispo	5,855	582	63*	155	54*	122
San Mateo	8,019	1,925	545	3,789	58*	274
Santa Barbara	6,202	1,713	177	407	74*	109
Santa Clara	18,040	5,237	551	8,541	177	443
Santa Cruz	2,818	662	49*	283	38*	80
Shasta	4,020	133	38*	110	101	137
Sierra	101	10*	0*	0*	2*	3*
Siskiyou	1,207	81*	37*	19*	59*	55*
Solano	4,142	681	615	1,733	68	220
Sonoma	7,308	1,049	92	444	99	177
Stanislaus	5,908	2,344	119	595	103	217
Sutter	1,296	368	44*	248	30*	48*
Tehama	1,357	118	10*	17*	38*	45*
Trinity	408	15*	1*	3*	26*	22
Tulare	4,071	1,981	84	317	97	142
Tuolumne	1,822	107	11*	21*	30*	42*
Ventura	10,348	2,852	198	1,102	94	225
Yolo	2,100	536	84*	215	39*	67
Yuba	894	146	54*	95	37*	63*

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Table B5: Estimated Number of People 55+ with Alzheimer's Disease by Race and County, 2030

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	20,151	7,032	4,681	9,784	322	1,339
Alpine	81*	4*	0*	1*	16*	2*
Amador	1912	122	18*	32*	52	50
Butte	6,950	536	98	239	168	223
Calaveras	2,429	162	35*	45	56	90
Colusa	406	210	5*	54	26	22
Contra Costa	22,550	4,783	2,205	4,867	205	664
Del Norte	788	109	13*	34	98	59
El Dorado	6,972	428	59*	210	105	179
Fresno	11,570	8,705	937	3,478	265	400
Glenn	724	191	9*	55	31	32
Humboldt	3,691	190	57*	105	222	165
Imperial	958	4,511	114	978	118	60
Inyo	625	107*	1*	26	110	32
Kern	11,278	6,197	1,036	2,057	268	437
Kings	1,592	1,186	239	343	77	79
Lake	2,848	182	84*	62	99	107
Lassen	914	108	29*	30	75	49
Los Angeles	102,136	97,704	19,420	55,539	1,303	6,550
Madera	3,542	2,215	96*	499	136	158
Marin	8,461	1,126	132	556	57	190
Mariposa	907	88*	7*	19	46	37
Mendocino	2,801	298	36*	114	234	119
Merced	3,026	2,540	143	762	93	189
Modoc	429	49*	6*	10	31	21
Mono	400	81	6*	19	27	11
Monterey	6,335	4,186	120	1,605	129	332
Napa	3,492	944	85*	421	61	128
Nevada	4,454	174	19*	71	65	119
Orange	49,398	18,578	1,033	15,816	485	1,596
Placer	11,911	1,008	99*	671	122	243
Plumas	876	68*	8*	18	41	36
Riverside	32,426	17,845	3,196	6,236	476	1,512

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	25,417	7,222	2,848	5,451	374	1,646
San Benito	819	734	38*	186	29	40
San Bernardino	25,600	19,224	4,976	6,916	494	1,135
San Diego	58,291	17,511	2,390	10,906	1,180	956
San Francisco	9,568	3,171	1,634	6,862	155	701
San Joaquin	9,734	5,522	1,220	2,823	193	447
San Luis Obispo	8,862	1,238	99*	405	114	240
San Mateo	10,478	3,871	909	5,198	128	459
Santa Barbara	8,410	3,464	326	1,057	137	192
Santa Clara	29,539	8,953	1,213	12,529	415	1,130
Santa Cruz	5,029	1,669	103	707	100	221
Shasta	6,513	235	69*	203	171	257
Sierra	140	18*	1*	2	6	6
Siskiyou	1,680	136	49*	43	114	103
Solano	7,070	1,475	1,180	2,560	149	465
Sonoma	11,695	2,392	169	1,065	191	344
Stanislaus	8,869	4,935	292	1,739	193	418
Sutter	2,021	812	87*	452	73	106
Tehama	1,892	186	20*	56	85	93
Trinity	669	36*	5*	10	53	45
Tulare	5,836	4,720	115	1,320	175	257
Tuolumne	2,834	145	34*	48	75	89
Ventura	17,114	6,003	369	2,491	172	438
Yolo	3,652	1,148	116	543	94	203
Yuba	1,394	332	82*	156	102	133

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Table B6: Estimated Number and Percent Change in People 65+ with Alzheimer's Disease: 2008, 2015 and 2030, California and Counties

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Alameda	22,347	25,192	45,590	13	81	104
Alpine	32	51	102	61	99	221
Amador	989	1,236	2,127	25	72	115
Butte	4,688	4,909	7,862	5	60	68
Calaveras	1,211	1,599	2,753	32	72	127
Colusa	346	397	677	15	70	96
Contra Costa	16,446	19,190	35,735	17	86	117
Del Norte	508	615	1,081	21	76	113
El Dorado	3,072	3,818	7,688	24	101	150
Fresno	11,570	13,353	23,771	15	78	105
Glenn	533	624	1,000	17	60	88
Humboldt	2,200	2,506	4,320	14	72	96
Imperial	2,440	3,263	5,682	34	74	133
Inyo	531	592	876	11	48	65
Kern	8,634	10,645	19,726	23	85	128
Kings	1,369	1,715	3,200	25	87	134
Lake	1,616	1,961	3,294	21	68	104
Lassen	470	607	1,164	29	92	148
Los Angeles	147,140	166,540	278,806	13	67	89
Madera	2,181	2,821	5,954	29	111	173
Marin	5,298	5,861	10,361	11	77	96
Mariposa	453	584	1,076	29	84	138
Mendocino	1,756	2,039	3,508	16	72	100
Merced	2,937	3,542	6,168	21	74	110
Modoc	259	305	529	18	73	104
Mono	164	247	521	51	111	217
Monterey	6,325	7,186	12,101	14	68	91
Napa	2,951	3,080	4,984	4	62	69
Nevada	2,304	2,609	4,768	13	83	107
Orange	43,644	50,896	88,639	17	74	103
Placer	6,516	7,985	13,721	23	72	111
Plumas	574	692	1,029	21	49	79
Riverside	30,545	34,949	57,460	14	64	88

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Sacramento	20,774	24,138	42,587	16	76	105
San Benito	673	844	1,692	25	100	152
San Bernardino	22,166	27,883	54,245	26	95	145
San Diego	46,889	51,004	88,834	9	74	89
San Francisco	16,711	18,440	25,546	10	39	53
San Joaquin	9,277	11,174	19,811	20	77	114
San Luis Obispo	5,806	6,503	10,601	12	63	83
San Mateo	12,976	13,792	22,413	6	63	73
Santa Barbara	7,785	8,228	12,720	6	55	63
Santa Clara	26,053	30,956	56,270	19	82	116
Santa Cruz	3,503	3,634	7,416	4	104	112
Shasta	3,671	4,301	7,258	17	69	98
Sierra	98	112	168	14	51	72
Siskiyou	1,226	1,396	2,087	14	49	70
Solano	5,716	6,964	13,664	22	96	139
Sonoma	8,368	8,586	15,396	3	79	84
Stanislaus	7,175	8,775	15,601	22	78	117
Sutter	1,513	1,933	3,520	28	82	133
Tehama	1,307	1,514	2,250	16	49	72
Trinity	347	453	797	30	76	129
Tulare	5,277	6,301	11,253	19	79	113
Tuolumne	1,609	1,949	3,165	21	62	97
Ventura	11,771	13,884	25,481	18	84	116
Yolo	2,417	2,845	5,478	18	93	127
Yuba	963	1,220	2,112	27	73	119
CALIFORNIA	556,121	638,435	1,106,640	15	73	99

Table B7: Estimated Number and Percent Change in People 65+ with Alzheimer's Disease by Race: 2008, 2015 and 2030, California

	2008	2015	2030	% change 2008-2015	% change 2015-2030	% change 2008-2030
Caucasian/non-Latino	367,445	378,104	573,571	3	52	56
Latino/Hispanic	85,497	118,626	260,417	39	120	205
African-American	24,749	29,334	50,365	19	72	103
Asian/Pacific Islander	67,931	95,663	187,322	41	96	176
American Indian	2,992	4,638	10,229	55	121	242
Multirace	7,507	12,070	24,736	61	105	230

Table B8: Estimated Number of People 65+ with Alzheimer's Disease by Race and County, 2008

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	12,147	2,087	2,815	4,845	84	368
Alpine	27*	0*	0*	0*	4*	0*
Amador	916	39*	4*	7*	12*	11*
Butte	4,263	157	51*	86*	51*	79*
Calaveras	1,108	59*	11*	9*	12*	13*
Colusa	254	67*	5*	11*	6*	4*
Contra Costa	12,166	1299	908	1,805	64*	205
Del Norte	440	18*	1*	7*	30*	12*
El Dorado	2,807	116	14*	69*	20*	46*
Fresno	7,594	2,347	394	991	90*	152*
Glenn	438	61*	3*	12*	9*	9*
Humboldt	1,956	70*	12*	30*	84*	48*
Imperial	818	1,446	65*	56*	39*	16*
Inyo	447	32*	0*	2*	41*	9*
Kern	6,092	1,515	321	427	98*	181
Kings	845	327	70*	89*	16*	22*
Lake	1,392	87*	65*	19*	24*	29*
Lassen	400	28*	12*	2*	16*	12*
Los Angeles	75,977	34,218	11,325	23,206	410	2,005
Madera	1,574	413	69*	53*	39*	32*
Marin	4,693	290	70*	192	6*	47*
Mariposa	405	21*	2*	4*	11*	11*
Mendocino	1,546	81*	11*	24*	63*	32*
Merced	1,960	647	98*	162	21	48*
Modoc	227	10*	1*	3*	12*	4*
Mono	142	10*	1*	2*	7*	2*
Monterey	4,263	1,161	150*	627	41*	85*
Napa	2,509	242	32*	117*	13*	38*
Nevada	2,168	67*	5*	22*	12*	30*
Orange	32,184	4,629	265	5,943	146	476
Placer	5,793	378	34*	214	33*	63*
Plumas	527	16*	5*	4*	12*	9*
Riverside	23,753	4,175	1,110	1,046	127	335

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	14,403	2,093	1,071	2,625	113*	470
San Benito	417	202	6*	32*	6*	9*
San Bernardino	14,399	4,760	1,351	1,220	134	302
San Diego	35,520	5,661	973	4,071	283	381
San Francisco	6,977	1,543	1,117	6,777	43*	254
San Joaquin	5,616	1,705	384	1,311	59*	202
San Luis Obispo	5,197	345	43*	114	34*	74*
San Mateo	8,613	1,305	408	2,452	33*	165
Santa Barbara	6,116	1,142	111	294	45*	76*
Santa Clara	15,892	3,737	351	5,708	100*	264
Santa Cruz	2,820	399	24*	194	21*	46*
Shasta	3,346	99*	25*	61*	63	77*
Sierra	89*	5*	0*	0*	1*	2*
Siskiyou	1,076	49*	24*	11*	32*	33*
Solano	3,612	452	449	1,050	38*	116*
Sonoma	7,242	623	70*	276	53*	104*
Stanislaus	5,187	1,395	82*	327	61*	123*
Sutter	1,092	199	21*	153	17*	29*
Tehama	1,168	78*	5*	8*	23*	25*
Trinity	314	6*	1*	1*	13*	12*
Tulare	3,640	1,202	68*	222	56*	89*
Tuolumne	1,488	70*	5*	9*	15*	22*
Ventura	8,871	1,874	133	712	55*	127*
Yolo	1,804	344	65*	147	22*	34*
Yuba	714	94*	33*	69*	18*	36*

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Table B9: Estimated Number of People 65+ with Alzheimer's Disease by Race and County, 2015

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	11,913	2,870	2,953	6,762	127	568
Alpine	43*	1*	0*	0*	7*	0*
Amador	1,100	68*	9*	14*	22*	23*
Butte	4,313	200	69*	114*	82*	131*
Calaveras	1,405	98*	22*	20*	24*	30*
Colusa	251	103*	5*	18*	12*	8*
Contra Costa	13,063	1,855	1,103	2,735	103*	330
Del Norte	484	40*	3*	14*	51*	23*
El Dorado	3,410	160	22*	111*	36*	79*
Fresno	7,738	3,446	450	1,364	123	232
Glenn	468	101*	4*	20*	14*	17*
Humboldt	2,127	103*	23*	53*	118*	83*
Imperial	852	2,172	73*	79*	58*	29*
Inyo	453	51*	0*	5*	69*	14*
Kern	6,900	2,281	436	616	131	281
Kings	949	493	91*	113*	31*	37*
Lake	1,652	119*	72*	32*	39*	47*
Lassen	480	51*	19*	4*	30*	22*
Los Angeles	74,517	43,870	12,727	31,648	570	3,207
Madera	1,872	681	77*	74*	61*	56*
Marin	4,949	471	82*	274	14*	72*
Mariposa	491	38*	4*	8*	23*	20*
Mendocino	1,692	124	16*	44*	105*	57*
Merced	2,104	987	110*	218	38*	85*
Modoc	250	19*	2*	5*	19*	9*
Mono	202	20*	2*	5*	14*	4*
Monterey	4,250	1,727	139*	857	65*	146
Napa	2,393	387	47*	169	24*	61*
Nevada	2,373	110*	8*	39*	26*	53*
Orange	33,491	6,801	387	9,262	201	754
Placer	6,913	544	54*	314	55*	105*
Plumas	609	31*	7*	9*	19*	17*
Riverside	24,184	6,637	1,494	1,821	202	611

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	15,373	2,939	1,390	3,516	155	765
San Benito	458	299	10*	50*	11*	16*
San Bernardino	15,798	7,343	2,040	1,991	198	512
San Diego	35,000	7,839	1,151	6,061	441	512
San Francisco	6,577	1,869	1,154	8,384	71*	385
San Joaquin	5,811	2,620	527	1,836	95*	285
San Luis Obispo	5,578	548	61*	147	51*	118*
San Mateo	7,604	1,784	512	3,573	56*	264
Santa Barbara	5,905	1,594	167	387	71*	105*
Santa Clara	17,029	4,861	494	7,988	166	418
Santa Cruz	2,612	598	46*	266	36*	76*
Shasta	3,807	124	37*	104*	96*	133
Sierra	96*	10*	0*	0*	2*	3*
Siskiyou	1,154	78*	36*	18*	57*	54*
Solano	3,877	620	554	1,641	63*	208
Sonoma	6,845	979	84*	416	92*	170
Stanislaus	5,591	2,213	106	561	96*	209
Sutter	1,230	351	43*	234	29*	46*
Tehama	1,296	112*	9*	16*	37*	44*
Trinity	388	14*	1*	2*	26*	22*
Tulare	3,879	1,813	80*	300	91*	138
Tuolumne	1,745	104*	11*	20*	28*	41*
Ventura	9,738	2,625	181	1,037	89*	214
Yolo	1,969	495	81*	199	37*	62*
Yuba	847	133	52*	91*	35*	61*

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Table B10: Estimated Number of People 65+ with Alzheimer's Disease by Race and County, 2030

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Alameda	19,631	6,511	4,527	13,322	306	1,293
Alpine	80*	4*	0*	0*	15*	2*
Amador	1,862	119*	18*	28*	51*	49*
Butte	6,703	490	95*	193	161	221
Calaveras	2,373	154	35*	48*	55*	88*
Colusa	393	196	5*	34*	26*	22*
Contra Costa	22,076	4,416	2,132	6,258	196	658
Del Norte	768	105*	13*	40*	96*	58*
El Dorado	6,749	402	58*	198	104*	178*
Fresno	11,256	8,155	889	2,820	253	397
Glenn	702	180	9*	47*	30*	32*
Humboldt	3,586	179	55*	124*	213	162
Imperial	937	4,286	107*	177	116*	59*
Inyo	614	104*	1*	17*	108*	32*
Kern	10,930	5,770	987	1,349	258	431
Kings	1,523	1,110	222	193	75*	77*
Lake	2,769	172	83*	66*	98*	106*
Lassen	886	105*	29*	23*	73*	49*
Los Angeles	99,541	92,640	18,829	60,163	1,260	6,374
Madera	3,385	2,066	94*	124*	131*	154*
Marin	8,338	1,077	126	579	56*	186
Mariposa	880	87*	7*	21*	45*	37*
Mendocino	2,752	276	35*	105*	223	118*
Merced	2,946	2,348	138	456	92*	188*
Modoc	415	48*	6*	8*	31*	20*
Mono	390	75*	6*	14*	26*	10*
Monterey	6,247	3,959	116*	1,328	126*	326
Napa	3,423	895	84*	397	60*	125*
Nevada	4,318	168	19*	81*	64*	118*
Orange	48,287	17,081	987	20,271	466	1,547
Placer	11,535	970	97*	759	120*	239
Plumas	860	67*	8*	18*	41*	36*
Riverside	31,365	16,630	3,032	4,487	458	1,488

	Caucasian	Latino/ Hispanic	African- American	Asian/ Pacific Islander	Native American	Multirace
Sacramento	24,648	6,836	2,708	6,430	362	1,603
San Benito	807	683	37*	98*	28*	40*
San Bernardino	24,979	17,980	4,731	4,975	477	1,103
San Diego	56,091	16,413	2,271	12,011	1,127	921
San Francisco	8,859	3,000	1,583	11,282	148	675
San Joaquin	9,443	5,275	1,153	3,315	185	439
San Luis Obispo	8,695	1,188	97*	272	113*	237
San Mateo	10,158	3,632	872	7,172	125*	454
Santa Barbara	8,158	3,273	308	656	134*	190
Santa Clara	28,660	8,474	1,160	16,499	397	1,081
Santa Cruz	4,896	1,551	100*	555	96*	218
Shasta	6,318	225	68*	226	166	254
Sierra	138*	18*	1*	1*	6*	6*
Siskiyou	1,648	132*	49	44*	113*	102*
Solano	6,883	1,358	1,146	3,683	143	451
Sonoma	11,493	2,258	160	965	183	338
Stanislaus	8,628	4,723	274	1,381	185	410
Sutter	1,955	781	85*	522	72*	104*
Tehama	1,838	173	20*	44*	84*	92*
Trinity	651	35*	4*	9*	52*	45*
Tulare	5,689	4,420	111*	612	168	253
Tuolumne	2,777	141*	34*	52*	74*	88*
Ventura	16,757	5,632	356	2,141	167	427
Yolo	3,539	1,068	110*	473	92*	196
Yuba	1,343	303	79*	156	99*	131*

*Estimate is unreliable; race/ethnicity population for specified group is less than 1,000 individuals.

Appendix D

State and County Alzheimer's Disease Mortality Estimates

Table D1: Alzheimer's Disease Deaths in California: 2003-2005, By County

	2003-2005	%	2004	Crude	Age-	95% Confidence	
	Deaths					Population	Rate†
	(Average)				Rate‡		
Humboldt°	52.3	0.7	130,859	40.0	42.0	30.6	53.4
Napa°	73.0	1.0	132,753	55.0	39.1	30.0	48.2
San Diego°	1,068.0	15.1	3,031,055	35.2	38.6	36.3	41.0
Solano°	119.0	1.7	418,097	28.5	38.3	31.4	45.2
Madera°	41.0	0.6	139,398	29.4	35.5	24.6	46.3
Kern°	140.3	2.0	744,489	18.8	31.4	26.2	36.6
Butte°	85.3	1.2	213,143	40.0	29.6	23.3	35.9
Riverside°	474.3	6.7	1,845,185	25.7	28.6	26.1	31.2
Tehama	19.7	0.3	59,942	32.8	27.8	15.5	40.1
Sonoma°	150.0	2.1	477,419	31.4	27.5	23.0	31.9
San Bernardino°	299.3	4.2	1,922,467	15.6	26.1	23.2	29.1
San Joaquin	126.3	1.8	645,560	19.6	25.0	20.6	29.3
Sacramento	283.0	4.0	1,357,367	20.8	24.5	21.7	27.4
Placer	85.0	1.2	302,199	28.1	24.1	19.0	29.3
Yolo	33.0	0.5	186,751	17.7	24.1	15.9	32.3
Stanislaus	94.0	1.3	499,864	18.8	24.0	19.2	28.9
Contra Costa	229.7	3.2	1,014,992	22.6	23.9	20.8	26.9
Fresno	153.0	2.2	874,745	17.5	23.4	19.7	27.1
San Luis Obispo	79.7	1.1	259,709	30.7	23.4	18.3	28.6
Shasta	46.3	0.7	177,465	26.1	23.2	16.5	29.9
Orange	564.7	8.0	3,038,670	18.6	22.2	20.4	24.0
Santa Barbara	107.3	1.5	416,662	25.8	22.2	18.0	26.4
El Dorado	36.7	0.5	172,320	21.3	22.0	14.8	29.1
Santa Clara	311.0	4.4	1,747,295	17.8	20.8	18.5	23.2
Ventura	136.0	1.9	808,735	16.8	20.0	16.6	23.4
San Mateo	156.0	2.2	720,229	21.7	18.9	15.9	21.9
Merced	27.3	0.4	237,550	11.5	17.6	11.0	24.1
Santa Cruz	42.3	0.6	259,942	16.3	17.4	12.1	22.7
Marin°	57.7	0.8	251,812	22.9	16.8	12.4	21.2
Los Angeles°	1,391.7	19.7	10,152,410	13.7	16.3	15.4	17.1
Nevada	21.3	0.3	98,436	21.7	16.2	9.3	23.1
Alameda°	212.3	3.0	1,497,316	14.2	15.8	13.6	17.9
Monterey°	50.0	0.7	423,137	11.8	13.6	9.8	17.3

Source: Jew-Lochman, S. (2008). *Alzheimer's disease Deaths California, 2005*. California Department of Public Health, Office of Health Information and Research.

State of California, Department of Finance. *Race/Ethnic Population with Age and Sex Detail, 2000-2005*, July 2007. State of California, Department of Public Health, Death Records.

	2003-2005 Deaths (Average)		2004 Population	Crude Rate†	Age- Adjusted Rate‡	95% Confidence Limits	
	%					Lower	Upper
San Francisco ^o	134.3	1.9	793,564	16.9	13.3	11.1	15.6
Tulare ^o	29.0	0.4	406,003	7.1	10.0	6.3	13.6
Tuolumne	13.3	0.2	57,186	23.3*	15.4*	7.1	23.6
Kings	13.0	0.2	143,970	9.0*	17.6*	8.0	27.2
Lake	12.7	0.2	62,994	20.1*	14.8*	6.6	22.9
Mendocino	12.7	0.2	89,966	14.1*	12.3*	5.5	19.1
Sutter	11.7	0.2	87,881	13.3*	14.3*	6.1	22.6
Imperial	10.7	0.2	159,844	6.7*	9.5*	3.7	15.2
Siskiyou	10.3	0.1	45,644	22.6*	15.1*	5.9	24.2
Amador	10.0	0.1	37,507	26.7*	19.3*	7.3	31.2
Calaveras	9.0	0.1	44,243	20.3*	14.0*	4.8	23.2
Colusa	8.7	0.1	20,927	41.4*	45.2*	15.1	75.4
Glenn	7.0	0.1	28,115	24.9*	23.4*	6.0	40.7
Yuba	5.3	0.1	66,682	8.0*	11.7*	1.7	21.6
Del Norte	5.0	0.1	29,162	17.1*	18.2*	2.2	34.2
Plumas	4.3	0.1	21,478	20.2*	14.9*	0.8	29.0
San Benito	3.3	a	57,307	5.8*	8.9*	0.0	18.4
Mariposa	3.0	a	18,066	16.6*	12.2*	0.0	26.0
Modoc	3.0	a	10,178	29.5*	21.9*	0.0	46.7
Lassen	2.7	a	35,626	7.5*	11.3*	0.0	25.0
Trinity	2.0	a	13,961	14.3*	10.6*	0.0	25.2
Inyo	1.3	a	18,923	7.0*	4.3*	0.0	11.5
Mono	1.0	a	13,727	7.3*	12.9*	0.0	38.3
Sierra	0.3	a	3,716	9.0*	4.4*	0.0	19.4
Alpine	0.0	-	1,304	-	-	-	-
CALIFORNIA	7,080.3	100.0	36,525,947	19.4	22.1	21.6	22.6

Note: Rates are per 100,000 population. ICD-10 codes G30.
Year 2000 U.S. Standard Population is used for age-adjusted rates.

^o County age-adjusted rate is significantly different from the state age-adjusted rate.

* Death rate unreliable, relative standard error is greater than or equal to 23 percent.

a Represents a percentage of more than zero but less than 0.05.

- Percentages, rates, and confidence limits are not calculated for zero events.

† A crude death rate is defined as the number of cause-specific events (e.g. deaths, disease cases, individuals at risk) over a specified period of time (e.g. a year) divided by the total population. Crude death rates are sometimes expressed as annual rates per 100,000 population and may be calculated for males, females, or some other subset of the population.

‡ The OHIR report calculated age-specific death rates. Age-specific death rates are the number of deaths per 100,000 people in a specific age group, and are used along with standard population proportions to develop a weighted average rate. The weighted average rate is referred to as an age-adjusted death rate and removes the effect of different age structures of the populations whose rates are being compared. Age-adjusted death rates therefore provide the preferred method for comparing different race/ethnic groups, sexes, and geographic areas, and for measuring death rates over time.

Table D2: Alzheimer's Disease Deaths in California: 2005, By Race/Ethnicity

	2003-2005 Deaths (Average)		2005 Population	Crude Rate†	Age- Adjusted Rate‡	95% Confidence Limits	
	%					Lower	Upper
Caucasian	6,429	83.6	16,408,477	39.2	27.8	27.1	28.5
Latino/ Hispanic	577	7.5	12,905,840	4.5	13.0	11.9	14.0
African-American	394	5.1	2,255,281	17.5	27.3	24.6	30.1
Asian/Pacific Islander	267	3.6	4,263,720	6.3	8.0	7.1	9.0
CALIFORNIA*	7,694	100.0	36,957,436	19.4	23.4	22.9	23.9

Note: Rates are per 100,000 population. ICD-10 codes G30. Year 2000 U.S. Standard Population is used for age-adjusted rates. American Indian, Asian, Black, Pacific Islander, White, and Two or More Races exclude Hispanic ethnicity. Hispanic includes any race category.

* Total includes Native American (7), Pacific Islander (5), and Two or More Races (15) not shown individually due to unreliable rates.

Source: Jew-Lochman, S. (2008). *Alzheimer's disease Deaths California, 2005*. California Department of Public Health, Office of Health Information and Research.

State of California, Department of Finance. *Race/Ethnic Population with Age and Sex Detail, 2000-2005*, July 2007. State of California, Department of Public Health, Death Records.