

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence)

ICD-10 CODES	CAUSES OF DEATH	CALIFORNIA		Alameda	Alpine	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	Glenn
		Number	Rate											
A00-Y89	Total - All Causes	233,246	651.5	9,564	7	371	2,253	419	137	7,025	259	1,191	5,785	229
A00-B99	Certain Infectious and Parasitic Diseases	4,490	12.5	213	-	3	37	10	2	145	2	21	119	4
A01-A09	Intestinal infectious diseases	181	0.5	4	-	-	1	-	-	5	-	1	3	-
A16-A19	Tuberculosis	135	0.4	6	-	-	1	-	-	1	-	1	3	-
A39	Meningococcal infection	24	0.1	-	-	-	-	-	-	1	-	1	2	-
A40-A41	Septicemia	916	2.6	57	-	1	19	4	-	62	2	8	21	-
B15-B19	Viral hepatitis	833	2.3	36	-	1	7	1	-	19	-	4	25	1
B20-B24	Human immunodeficiency virus [HIV] disease	1,423	4.0	68	-	-	3	3	1	32	-	2	25	-
Remainder of A00-B99	Other and unspecified infectious diseases and sequelae	978	a	42	-	1	6	2	1	25	-	4	40	3
C00-C97	Malignant Neoplasms [Cancer]	53,926	150.6	2,243	1	105	497	105	30	1,761	65	323	1,183	51
C00-C14	Cancers of lip, oral cavity, and pharynx	888	2.5	39	-	1	7	1	1	21	-	6	29	-
C15	Cancer of esophagus	1,190	3.3	62	-	3	14	3	-	41	3	13	21	1
C16	Cancer of stomach	1,594	4.5	60	-	-	7	1	-	51	1	8	34	1
C18-C21	Cancer of colon, rectum and anus	5,234	14.6	236	-	7	46	8	7	171	5	26	107	3
C18	Cancer of colon	4,317	12.1	199	-	6	40	6	5	132	5	21	83	2
C22	Cancer of liver and intrahepatic bile ducts	1,870	5.2	74	-	4	12	1	-	45	2	9	44	2
C25	Cancer of pancreas	3,085	8.6	121	-	4	40	5	2	92	4	20	75	2
C32	Cancer of larynx	312	0.9	10	-	1	1	-	1	7	-	1	4	1
C33-C34	Cancer of trachea, bronchus, and lung	13,738	38.4	575	1	34	157	36	6	459	20	87	299	18
C43	Malignant melanoma of skin	775	2.2	20	-	1	8	2	-	23	2	6	14	1
C45	Mesothelioma	231	0.6	17	-	-	1	-	-	11	1	1	7	-
C50	Cancer of breast [total male and female]	4,154	23.3 b,c	187	-	4	31	6	1	167	1	22	80	5
C53	Cancer of cervix uteri	415	2.3 c	9	-	1	1	-	-	8	-	-	8	-
C54-C55	Cancer of corpus uteri and uterus, part unspecified	698	3.9 c	30	-	2	11	-	1	21	3	4	12	-
C56	Cancer of ovary	1,503	8.4 c	55	-	1	19	2	-	55	2	11	32	-
C61	Cancer of prostate	3,049	17.0 c	140	-	9	26	10	2	110	2	20	65	3
C64-C65	Cancer of kidney and renal pelvis	1,107	3.1	41	-	5	7	2	-	39	2	7	28	-
C67	Cancer of bladder	1,281	3.6	44	-	2	10	4	-	41	3	7	42	1
C70-C72	Cancer of meninges, brain, central nervous system	1,405	3.9	51	-	1	10	3	3	44	2	12	25	1
C81-C96	Cancer of lymphoid, hematopoietic, and related tissue	5,604	15.7	232	-	15	49	8	3	170	6	31	130	5
C81	Hodgkin's disease	152	0.4	7	-	-	2	1	-	8	-	-	1	-
C82-C85	Non-Hodgkin's lymphoma	2,211	6.2	83	-	9	24	4	3	68	5	11	44	1
C91-C95	Leukemia	2,116	5.9	87	-	5	14	3	-	61	1	13	57	3
C88, C90	Multiple myeloma and immunoproliferative neoplasms	1,119	3.1	55	-	1	9	-	-	33	-	6	28	1
Remainder of C00-C97	All other and unspecified malignant neoplasms [cancers]	5,793	a	240	-	10	40	13	3	185	6	32	127	7
D00-D48	In Situ Neoplasms, Benign Neoplasms, Neoplasms of Uncertain or Unknown Behavior	1,251	3.5	58	-	3	12	1	-	37	1	8	23	3
D00-D09, D10-D36	In situ and benign neoplasms	215	0.6	12	-	-	2	-	-	5	-	3	4	-
D37-D48	Neoplasms of uncertain or unknown behavior	1,036	2.9	46	-	3	10	1	-	32	1	5	19	3
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders of the Immune Mechanism	611	1.7	29	-	-	7	2	-	19	-	5	18	1
D50-D64	Anemias	248	0.7	14	-	-	4	-	-	9	-	1	6	-
D65-D89	All other coagulation defects, hemorrhagic conditions, diseases of blood and blood-forming organs, and disorders of the immune mechanism	363	a	15	-	-	3	2	-	10	-	4	12	1
E00-E88	Endocrine, Nutritional, and Metabolic Diseases	8,644	24.1	375	-	9	68	10	5	250	7	32	263	4
E10-E14	Diabetes mellitus	6,783	18.9	276	-	7	54	8	3	177	1	19	188	4
E40-E64	Nutritional deficiencies	194	0.5	9	-	1	4	-	-	4	-	3	6	-
E40-E46	Malnutrition	186	0.5	8	-	1	4	-	-	4	-	3	6	-
E65-E68	Obesity and other hyperalimentation	379	1.1	16	-	-	3	-	-	12	-	2	11	-
E84	Cystic fibrosis	47	0.1	-	-	-	-	-	-	3	1	-	-	-
Remainder of E00-E88	All other endocrine, nutritional, and metabolic diseases	1,241	a	74	-	1	7	2	2	54	5	8	58	-

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ICD-10 CODES	CAUSES OF DEATH	CALIFORNIA		Alameda	Alpine	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	EI Dorado	Fresno	Glenn
		Number	Rate											
F01-F99	Mental and Behavioral Disorders	4,425	12.4	274	-	7	24	5	1	205	7	31	85	4
F01-F09	Organic, including symptomatic, mental disorders	2,895	8.1	222	-	7	20	3	1	170	5	18	50	3
F01, F03	Organic dementia	2,842	7.9	218	-	7	20	3	1	169	5	18	50	3
F10-F19	Mental and behavioral disorders due to psychoactive substance use	1,301	3.6	44	-	-	4	2	-	28	2	7	29	1
F10	Mental and behavioral disorders due to use of alcohol	844	2.4	18	-	-	2	1	-	17	-	6	19	1
F11-F16, F18-F19	Mental and behavioral disorders due to use of drugs	411	1.1	24	-	-	-	1	-	10	2	-	9	-
Remainder of F01-F99	All other mental and behavioral disorders	229	a	8	-	-	-	-	-	7	-	6	6	-
G00-G98	Diseases of the Nervous System	9,165	25.6	378	1	13	98	15	6	286	2	50	189	12
G00, G03	Meningitis	73	0.2	5	-	-	1	-	-	1	-	-	4	-
G20-G21	Parkinson's disease	1,576	4.4	67	-	2	18	2	3	44	-	9	36	3
G30	Alzheimer's disease	5,405	15.1	208	-	8	49	9	1	166	2	32	87	5
G35	Multiple Sclerosis	280	0.8	15	-	-	3	-	-	15	-	1	5	1
Remainder of G00-G98	All other diseases of the nervous system	1,831	a	83	1	3	27	4	2	60	-	8	57	3
H00-H93	Diseases of the Eye and Adnexa, and Ear and Mastoid Process	14	d	1	-	-	-	-	-	1	-	-	-	-
I00-I99	Diseases of the Circulatory System	92,516	258.4	3,648	4	141	932	173	47	2,627	86	427	2,251	86
I00-I78	Major Cardiovascular Diseases	92,001	257.0	3,622	4	140	927	172	47	2,616	85	426	2,241	86
I00-I09, I11, I13, I20-I51	Diseases of the Heart	68,387	191.0	2,597	4	103	658	126	38	1,895	67	329	1,665	68
I00-I09	Acute rheumatic fever, chronic rheumatic heart diseases	446	1.2	14	-	-	7	-	1	18	-	-	7	-
I11	Hypertensive heart disease	3,780	10.6	190	-	2	11	2	7	129	3	7	69	5
I13	Hypertensive heart and renal disease	421	1.2	23	-	-	3	-	-	24	1	2	14	-
I20-I25	Ischemic heart disease	52,313	146.1	1,883	2	81	487	100	24	1,312	42	243	1,215	42
I20, I24	Angina pectoris and other acute ischemic heart diseases	139	0.4	8	-	-	4	-	-	6	-	-	1	1
I21-I22	Acute and subsequent myocardial infarction	15,912	44.4	649	-	24	131	23	6	495	18	72	426	6
I25	Chronic ischemic heart disease	36,262	101.3	1,226	2	57	352	77	18	811	24	171	788	35
I25.0	Atherosclerotic cardiovascular disease, so described	8,159	22.8	137	-	2	22	6	1	88	1	27	65	5
I25.1	Atherosclerotic heart disease	25,985	72.6	1,014	2	50	306	67	14	671	17	140	670	27
I25.2-I25.9	All other forms of chronic ischemic heart disease	2,118	5.9	75	-	5	24	4	3	52	6	4	53	3
I26-I51	Other heart diseases	11,427	31.9	487	2	20	150	24	6	412	21	77	360	21
I26	Pulmonary embolism	396	1.1	11	-	1	6	-	-	20	-	3	18	1
I42	Cardiomyopathy	2,988	8.3	161	-	6	22	7	-	111	4	10	62	2
I48-I49	Atrial fibrillation and flutter and other cardiac arrhythmias	1,004	2.8	57	-	-	22	1	1	47	1	1	49	3
I50	Heart failure	3,559	9.9	112	1	4	48	9	1	115	8	42	133	8
I50.0	Congestive heart failure	3,521	9.8	112	1	4	47	8	1	115	8	42	130	7
I27-I40, I44-I47, I51	All other forms of heart disease	3,480	a	146	1	9	52	7	4	119	8	21	98	7
I10, I12	Essential [primary] hypertension, hypertensive renal disease	2,330	6.5	110	-	1	28	3	2	50	2	8	67	4
I60-I69	Cerebrovascular diseases [Stroke]	17,551	49.0	757	-	23	177	33	4	576	13	72	437	9
I70-I78	Diseases of arteries, arterioles, and capillaries	3,733	10.4	158	-	13	64	10	3	95	3	17	72	5
I70	Atherosclerosis	1,584	4.4	44	-	4	44	4	1	25	-	4	20	1
I71	Aortic aneurysm and dissection	1,386	3.9	65	-	8	17	4	2	51	2	12	32	3
I72-I78	Other diseases of arteries, arterioles and capillaries	763	2.1	49	-	1	3	2	-	19	1	1	20	1
I80-I99	Other disorders of circulatory system	515	a	26	-	1	5	1	-	11	1	1	10	-
J00-J98	Diseases of the Respiratory System	23,571	65.8	899	1	33	253	44	17	757	33	133	609	27
J10-J18	Influenza and pneumonia	8,098	22.6	293	-	11	68	16	7	226	8	35	185	1
J20-J21	Acute bronchitis and bronchiolitis	17	d	-	-	-	-	-	-	1	-	-	-	1
J40-J47	Chronic lower respiratory diseases [CLRD]	12,643	35.3	421	-	17	140	24	9	395	21	84	317	22
J40-J42	Bronchitis, chronic and unspecified	103	0.3	2	-	-	-	-	-	3	-	-	3	-
J43	Emphysema	1,533	4.3	65	-	2	12	3	1	62	2	14	32	-
J44	Other chronic obstructive pulmonary disease [COPD]	10,428	29.1	329	-	15	121	20	8	294	17	67	273	21
J45-J46	Asthma	496	1.4	18	-	-	7	1	-	30	2	3	8	1
J47	Bronchiectasis	83	0.2	7	-	-	-	-	-	6	-	-	1	-
J60-J66, J68	Pneumoconioses and chemical effects	51	0.1	2	-	-	5	-	-	1	-	-	1	-
J69	Pneumonitis due to solids and liquids	983	2.7	90	-	-	20	1	1	74	1	10	54	3
Remainder of J00-J98	Other diseases of the respiratory system	1,779	a	93	1	5	20	3	-	60	3	4	52	-

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		Number	Rate											
K00-K92	Diseases of the Digestive System	9,045	25.3	382	-	13	90	14	11	270	11	44	272	6
K25-K28	Peptic ulcer	700	2.0	29	-	-	3	2	3	16	-	3	22	-
K35-K38	Diseases of appendix	66	0.2	3	-	-	-	-	-	1	1	-	4	1
K40-K46	Hernia	174	0.5	6	-	-	-	-	1	6	-	2	5	-
K50-K51	Crohn's disease and ulcerative colitis	86	0.2	4	-	-	1	-	-	1	-	-	3	-
K70, K73-K74	Chronic liver disease and cirrhosis	3,725	10.4	135	-	5	47	6	2	95	4	17	108	2
K70	Alcoholic liver disease	2,495	7.0	72	-	4	29	4	1	61	4	11	91	2
K73-K74	Other chronic liver disease and cirrhosis	1,230	3.4	63	-	1	18	2	1	34	-	6	17	-
K80-K82	Cholelithiasis and other disorders of gallbladder	396	1.1	21	-	1	1	-	-	15	1	3	11	-
K85, K86.0-K86.1	Pancreatitis	301	0.8	14	-	-	2	1	-	9	1	3	6	-
Remainder of K00-K92	All other diseases of the digestive system	3,597	a	170	-	7	36	5	5	127	4	16	113	3
L00-L98	Diseases of the Skin and Subcutaneous Tissue	255	0.7	18	-	1	2	-	-	17	1	-	9	-
L03	Cellulitis	94	0.3	6	-	-	1	-	-	6	1	-	5	-
L89	Decubitus ulcer	60	a	8	-	1	1	-	-	4	-	-	-	-
Remainder of L00-L98	All other diseases of the skin and subcutaneous tissue	101	0.3	4	-	-	-	-	-	7	-	-	4	-
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	1,313	3.7	63	-	2	9	1	2	26	1	4	45	1
M05-M13	Inflammatory polyarthropathies including rheumatoid arthritis	277	0.8	16	-	2	1	-	-	6	-	-	13	-
M32	Systemic lupus erythematosus	150	0.4	10	-	-	-	-	1	1	1	-	3	-
M34	Systemic sclerosis	149	0.4	8	-	-	1	-	-	2	-	1	5	-
M60-M79	Soft tissue disorders	140	0.4	4	-	-	1	-	-	3	-	1	9	-
M80-M81	Osteoporosis	160	0.4	5	-	-	4	-	1	7	-	1	5	1
M86	Osteomyelitis	96	0.3	4	-	-	-	-	-	4	-	-	2	-
Remainder of M00-M99	All other diseases of musculoskeletal system and connective tissue	341	a	16	-	-	2	1	-	3	-	1	8	-
N00-N98	Diseases of the Genitourinary System	3,993	11.2	187	-	11	31	5	4	108	5	13	93	3
N00-N07, N17-N19, N25-N27	Nephritis, nephrotic syndrome and nephrosis	2,149	6.0	93	-	6	18	4	1	40	5	3	47	2
N17-N19	Renal failure	2,028	5.7	86	-	6	16	4	1	39	5	2	44	2
N10-N12, N13.6, N15.1	Infections of kidney	111	0.3	6	-	-	3	-	-	1	-	1	9	-
N39.0	Urinary tract infection	1,425	4.0	73	-	4	10	1	3	55	-	7	28	1
N40	Hyperplasia of prostate	84	0.5 c	3	-	1	-	-	-	4	-	1	3	-
Remainder of N00-N98	All other diseases of the genitourinary system	224	a	12	-	-	-	-	-	8	-	1	6	-
O00-O99	Pregnancy, Childbirth, and the Puerperium	56	1.1 e	1	-	1	-	-	-	-	-	-	1	-
P00-P96	Certain Conditions Originating in the Perinatal Period	1,400	2.6 f	39	-	1	10	1	-	27	1	8	49	-
P01	Effect of maternal complications of pregnancy	113	0.2 f	1	-	-	2	-	-	4	-	-	3	-
P02	Complications of placenta, cord and membrane	102	0.2 f	4	-	-	-	-	-	1	1	1	5	-
P07	Disorders of short gestation and low birthweight	414	0.8 f	12	-	1	-	-	-	6	-	4	16	-
P20-P21	Intrauterine hypoxia and birth asphyxia	67	0.1 f	6	-	-	1	-	-	1	-	-	2	-
P22	Respiratory distress of newborn	82	0.2 f	1	-	-	2	-	-	1	-	-	2	-
P29	Cardiovascular disorders originating in perinatal period	219	0.4 f	5	-	-	2	-	-	8	-	1	12	-
P36	Bacterial sepsis of newborn	46	0.1 f	-	-	-	-	1	-	1	-	1	-	-
P50-P52, P54	Neonatal hemorrhage	42	0.1 f	2	-	-	-	-	-	1	-	-	-	-
Remainder of P00-P96	All other conditions originating in the perinatal period	315	a	8	-	-	3	-	-	4	-	1	9	-
Q00-Q99	Congenital Malformations and Chromosomal Abnormalities	1,302	3.6	41	-	-	7	2	2	24	-	4	36	2
Q00-07	Congenital malformation of the nervous system	149	0.4	5	-	-	1	-	-	2	-	1	6	-
Q20-Q28	Congenital malformations of the heart and circulatory system	533	1.5	19	-	-	4	1	-	13	-	2	9	2
Q30-34	Congenital malformations of the respiratory system	86	0.2	2	-	-	-	-	-	4	-	-	2	-
Q60-Q64	Congenital malformations of the urinary system	98	0.3	4	-	-	-	1	-	1	-	1	3	-
Q90	Down's syndrome	77	0.2	3	-	-	-	-	-	2	-	-	3	-
Q91	Edward's syndrome and Patau's syndrome	96	0.3	1	-	-	-	-	2	-	-	-	6	-
Remainder of Q00-Q99	All other congenital malformations and chromosomal abnormalities	263	a	7	-	-	2	-	-	2	-	-	7	-
R00-R99	Symptoms, Signs, Abnormal Clinical and Lab Findings	1,151	3.2	45	-	3	14	3	-	27	4	4	67	2
R95	Sudden infant death syndrome [SIDS]	168	0.3 f	14	-	-	5	1	-	4	1	2	7	-
Remainder of R00-R99	All other symptoms, signs, abnormal clinical and lab findings, and other ill-defined and unspecified causes of mortality	983	a	31	-	3	9	2	-	23	3	2	60	2

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		Number	Rate											
V01-Y89	External Causes of Death	16,118	45.0	670	-	25	162	28	10	438	33	84	473	23
V01-V99, W00-X59, Y85-Y86	Unintentional Injuries [Accidents]	9,882	27.6	354	-	17	123	21	7	255	23	47	348	12
V01-V99, Y85	Transport accidents and sequelae	4,460	12.5	128	-	9	51	14	5	103	12	22	191	5
See Footnote (g)	Motor vehicle accidents	4,120	11.5	116	-	8	50	10	5	89	9	21	182	5
Y85.0	Sequelae of motor vehicle accidents	83	0.2	5	-	-	-	1	-	3	-	-	2	-
See Footnote (h)	Other land, railway, and streetcar transport accidents	139	0.4	6	-	1	1	1	-	5	1	1	5	-
V90-V99, Y85.9	Water, air, space, other and unspecified transport accidents and sequelae	118	0.3	1	-	-	-	2	-	6	2	-	2	-
W00-X59, Y86	Non-transport accidents and sequelae	5,422	15.1	226	-	8	72	7	2	152	11	25	157	7
W00-W19	Falls	1,472	4.1	56	-	2	15	-	-	42	2	6	38	1
W32-W34	Accidental discharge of firearms	47	0.1	1	-	-	-	-	-	2	-	1	3	1
W65-W74	Accidental drowning and submersion	366	1.0	16	-	-	5	1	-	13	-	1	20	1
X00-X09	Accidental exposure to smoke, fire and flames	208	0.6	6	-	-	3	-	2	3	-	-	2	-
X40-X49	Accidental poisoning and exposure to noxious substances	2,376	6.6	103	-	4	33	3	-	68	5	10	65	3
Remainder of W00-X59, Y86	Other and unspecified nontransport accidents and sequelae	953	a	44	-	2	16	3	-	24	4	7	29	1
U03, X60-X84, Y87.0	Intentional Self-Harm [Suicide]	3,210	9.0	135	-	5	31	3	3	100	8	22	50	10
X60-X69	Suicide by poisoning	627	1.8	30	-	-	4	-	-	16	3	6	6	1
X70	Suicide by hanging, strangulation, and suffocation	729	2.0	29	-	1	2	1	1	24	-	2	10	1
X72-X74	Suicide by discharge of firearms	1,484	4.1	58	-	4	21	2	1	45	4	13	26	8
X80	Suicide by jumping from a high place	125	0.3	4	-	-	2	-	-	7	1	-	-	-
Remainder of X60-X84, Y87.0	Suicide by other and unspecified means and sequelae	245	a	14	-	-	2	-	1	8	-	1	8	-
U01-U02, X85-Y09, Y87.1	Assault [Homicide]	2,459	6.9	149	-	-	5	2	-	66	1	4	63	1
X91	Homicide by hanging, strangulation, and suffocation	64	0.2	5	-	-	-	-	-	-	-	-	-	-
U01.4, X93-X95	Homicide by discharge of firearms	1,794	5.0	111	-	-	4	2	-	49	-	1	47	1
X99	Homicide by sharp object	248	0.7	15	-	-	1	-	-	7	1	1	9	-
Remainder of U01-U02, X85-Y09, Y87.1	Homicide by other and unspecified means and sequelae	353	a	18	-	-	-	-	-	10	-	2	7	-
Y10-Y84, Y87.2, Y88-Y89	Other External Causes of Death	567	1.6	32	-	3	3	2	-	17	1	11	12	-
Y10-Y34, Y87.2, Y89.9	Events of undetermined intent and sequelae	307	0.9	15	-	-	1	2	-	9	-	9	1	-
Y35, Y89.0	Legal intervention and sequelae	47	0.1	-	-	-	-	-	-	-	-	1	5	-
Y36, Y89.1	Operations of war and sequelae	1	a	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	Complications of medical and surgical care and sequelae	212	0.6	17	-	3	2	-	-	8	1	1	6	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino
A00-Y89	Total - All Causes	1,214	916	219	5,104	729	708	222	59,586	877	1,840	173	819
A00-B99	Certain Infectious and Parasitic Diseases	25	20	1	99	17	19	3	1,132	17	32	-	11
A01-A09	Intestinal infectious diseases	-	1	-	7	-	-	-	50	1	2	-	-
A16-A19	Tuberculosis	3	1	-	-	1	1	-	54	-	-	-	-
A39	Meningococcal infection	1	2	-	-	-	-	-	2	1	-	-	-
A40-A41	Septicemia	4	4	-	19	5	4	1	101	3	11	-	3
B15-B19	Viral hepatitis	8	5	-	24	5	5	1	216	3	7	-	5
B20-B24	Human immunodeficiency virus [HIV] disease	5	3	-	15	3	5	1	502	2	5	-	1
Remainder of A00-B99	Other and unspecified infectious diseases and sequelae	4	4	1	34	3	4	-	207	7	7	-	2
C00-C97	Malignant Neoplasms [Cancer]	288	206	46	1,041	146	173	50	13,431	181	488	44	189
C00-C14	Cancers of lip, oral cavity, and pharynx	5	2	-	18	-	3	-	216	3	8	-	1
C15	Cancer of esophagus	1	4	1	22	4	5	2	257	5	15	-	5
C16	Cancer of stomach	5	7	-	21	8	8	1	515	4	10	1	5
C18-C21	Cancer of colon, rectum and anus	21	18	7	113	15	12	-	1,315	17	42	6	20
C18	Cancer of colon	17	17	6	85	13	9	-	1,102	16	33	5	17
C22	Cancer of liver and intrahepatic bile ducts	10	10	-	15	6	6	-	580	4	11	-	7
C25	Cancer of pancreas	17	14	1	35	9	10	4	801	7	22	1	14
C32	Cancer of larynx	1	2	-	6	-	-	-	99	-	1	-	-
C33-C34	Cancer of trachea, bronchus, and lung	95	50	16	338	44	58	14	3,081	55	147	14	53
C43	Malignant melanoma of skin	4	2	2	13	2	4	1	141	1	7	2	4
C45	Mesothelioma	2	1	-	6	1	1	-	43	2	2	-	1
C50	Cancer of breast [total male and female]	14	16	7	81	6	7	3	1,064	15	43	3	10
C53	Cancer of cervix uteri	2	3	-	8	1	-	-	158	-	2	-	1
C54-C55	Cancer of corpus uteri and uterus, part unspecified	-	4	-	16	3	1	1	210	4	11	1	-
C56	Cancer of ovary	7	2	2	33	2	2	1	390	8	12	-	11
C61	Cancer of prostate	18	16	2	49	6	11	4	788	9	25	3	4
C64-C65	Cancer of kidney and renal pelvis	8	1	1	17	2	6	1	285	3	7	-	-
C67	Cancer of bladder	4	3	-	23	1	4	3	276	7	13	1	3
C70-C72	Cancer of meninges, brain, central nervous system	11	5	-	22	8	4	1	336	5	9	-	7
C81-C96	Cancer of lymphoid, hematopoietic, and related tissue	33	24	3	102	12	19	4	1,406	14	49	7	22
C81	Hodgkin's disease	-	-	-	3	-	-	-	46	-	-	-	1
C82-C85	Non-Hodgkin's lymphoma	15	11	-	44	6	6	-	542	9	22	3	6
C91-C95	Leukemia	15	6	2	39	4	7	2	531	1	21	3	8
C88, C90	Multiple myeloma and immunoproliferative neoplasms	3	7	1	16	2	6	2	284	4	6	1	7
Remainder of C00-C97	All other and unspecified malignant neoplasms [cancers]	30	22	4	103	16	12	10	1,470	18	52	5	21
D00-D48	In Situ Neoplasms, Benign Neoplasms, Neoplasms of Uncertain or Unknown Behavior	4	1	1	23	3	4	1	259	6	17	2	4
D00-D09, D10-D36	In situ and benign neoplasms	1	-	-	5	1	-	-	59	-	1	-	-
D37-D48	Neoplasms of uncertain or unknown behavior	3	1	1	18	2	4	1	200	6	16	2	4
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders of the Immune Mechanism	3	4	1	12	3	-	1	126	1	3	-	2
D50-D64	Anemias	1	3	-	5	1	-	-	53	1	2	-	-
D65-D89	All other coagulation defects, hemorrhagic conditions, diseases of blood and blood-forming organs, and disorders of the immune mechanism	2	1	1	7	2	-	1	73	-	1	-	2
E00-E88	Endocrine, Nutritional, and Metabolic Diseases	52	41	4	211	63	18	11	2,488	43	49	7	22
E10-E14	Diabetes mellitus	32	31	2	166	56	13	7	2,122	35	35	2	14
E40-E64	Nutritional deficiencies	3	4	1	5	3	1	2	27	1	-	1	3
E40-E46	Malnutrition	3	4	1	5	3	1	2	27	1	-	1	3
E65-E68	Obesity and other hyperalimentation	2	1	1	7	2	1	-	91	2	-	-	-
E84	Cystic fibrosis	-	-	-	5	-	-	-	13	-	-	-	-
Remainder of E00-E88	All other endocrine, nutritional, and metabolic diseases	15	5	-	28	2	3	2	235	5	14	4	5

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino
F01-F99	Mental and Behavioral Disorders	26	12	6	73	7	12	7	972	15	36	3	19
F01-F09	Organic, including symptomatic, mental disorders	15	10	3	34	3	7	5	678	5	28	3	15
F01, F03	Organic dementia	15	8	3	32	3	5	4	675	5	28	3	13
F10-F19	Mental and behavioral disorders due to psychoactive substance use	10	2	2	34	3	5	2	254	9	6	-	4
F10	Mental and behavioral disorders due to use of alcohol	9	1	2	19	-	4	2	148	8	6	-	3
F11-F16, F18-F19	Mental and behavioral disorders due to use of drugs	-	1	-	15	3	-	-	99	-	-	-	1
Remainder of F01-F99	All other mental and behavioral disorders	1	-	1	5	1	-	-	40	1	2	-	-
G00-G98	Diseases of the Nervous System	74	29	4	156	24	17	6	1,738	39	76	4	15
G00, G03	Meningitis	-	1	-	-	1	-	-	18	-	-	-	1
G20-G21	Parkinson's disease	15	8	-	24	3	2	1	335	5	17	2	2
G30	Alzheimer's disease	42	12	1	88	15	10	5	973	28	39	-	8
G35	Multiple Sclerosis	4	-	-	3	1	2	-	60	-	5	-	-
Remainder of G00-G98	All other diseases of the nervous system	13	8	3	41	4	3	-	352	6	15	2	4
H00-H93	Diseases of the Eye and Adnexa, and Ear and Mastoid Process	-	-	-	-	-	-	-	3	-	1	-	-
I00-I99	Diseases of the Circulatory System	389	347	89	2,062	243	238	79	24,941	355	675	65	298
I00-I78	Major Cardiovascular Diseases	388	345	89	2,048	243	238	78	24,800	353	673	64	298
I00-I09, I11, I13, I20-I51	Diseases of the Heart	284	252	67	1,614	195	187	64	18,991	274	461	54	209
I00-I09	Acute rheumatic fever, chronic rheumatic heart diseases	4	1	-	8	2	2	-	98	-	3	-	2
I11	Hypertensive heart disease	22	13	1	77	17	2	5	759	35	15	-	6
I13	Hypertensive heart and renal disease	2	1	-	8	2	1	-	115	2	4	-	1
I20-I25	Ischemic heart disease	176	193	53	1,319	135	132	52	15,534	196	347	44	128
I20, I24	Angina pectoris and other acute ischemic heart diseases	1	1	-	10	2	-	1	36	-	1	-	2
I21-I22	Acute and subsequent myocardial infarction	53	102	15	370	52	35	20	4,442	62	102	18	35
I25	Chronic ischemic heart disease	122	90	38	939	81	97	31	11,056	134	244	26	91
I25.0	Atherosclerotic cardiovascular disease, so described	25	17	13	125	17	30	5	3,390	32	103	4	24
I25.1	Atherosclerotic heart disease	85	69	24	764	61	62	24	7,197	92	129	22	56
I25.2-I25.9	All other forms of chronic ischemic heart disease	12	4	1	50	3	5	2	469	10	12	-	11
I26-I51	Other heart diseases	80	44	13	202	39	50	7	2,485	41	92	10	72
I26	Pulmonary embolism	2	1	1	12	1	1	1	36	2	5	-	3
I42	Cardiomyopathy	12	14	1	55	5	10	-	833	5	20	1	13
I48-I49	Atrial fibrillation and flutter and other cardia arrhythmias	13	8	1	11	5	8	2	87	8	9	-	8
I50	Heart failure	29	9	6	64	22	15	2	741	13	23	5	24
I50.0	Congestive heart failure	29	9	6	64	21	15	2	738	13	23	4	24
I27-I40, I44-I47, I51	All other forms of heart disease	24	12	4	60	6	16	2	788	13	35	4	24
I10, I12	Essential [primary] hypertension, hypertensive renal disease	4	7	1	47	6	3	-	700	10	17	-	9
I60-I69	Cerebrovascular diseases [Stroke]	89	73	19	330	34	37	10	4,169	59	165	9	65
I70-I78	Diseases of arteries, arterioles, and capillaries	11	13	2	57	8	11	4	940	10	30	1	15
I70	Atherosclerosis	5	2	-	17	4	-	-	487	2	12	1	8
I71	Aortic aneurysm and dissection	4	6	2	27	2	8	2	281	3	13	-	6
I72-I78	Other diseases of arteries, arterioles and capillaries	2	5	-	13	2	3	2	172	5	5	-	1
I80-I99	Other disorders of circulatory system	1	2	-	14	-	-	1	141	2	2	1	-
J00-J98	Diseases of the Respiratory System	126	73	15	561	68	93	15	5,676	74	197	17	101
J10-J18	Influenza and pneumonia	33	13	1	179	7	30	3	2,494	13	78	2	23
J20-J21	Acute bronchitis and bronchiolitis	-	-	-	1	-	1	-	5	1	-	-	-
J40-J47	Chronic lower respiratory diseases [CLRD]	79	49	12	307	50	51	8	2,770	42	92	12	64
J40-J42	Bronchitis, chronic and unspecified	-	-	-	-	-	-	-	36	1	-	-	1
J43	Emphysema	12	8	1	33	5	6	1	352	5	14	2	10
J44	Other chronic obstructive pulmonary disease [COPD]	62	40	10	265	43	45	7	2,252	35	73	9	49
J45-J46	Asthma	4	1	-	9	-	-	-	119	1	4	1	3
J47	Bronchiectasis	1	-	1	-	2	-	-	11	-	1	-	1
J60-J66, J68	Pneumoconioses and chemical effects	-	-	-	1	-	-	-	5	1	-	-	1
J69	Pneumonitis due to solids and liquids	2	3	-	33	6	5	2	13	9	11	1	8
Remainder of J00-J98	Other diseases of the respiratory system	12	8	2	40	5	6	2	389	8	15	2	5

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino
		K00-K92	Diseases of the Digestive System	50	46	13	241	35	37	8	2,252	44	92
K25-K28	Peptic ulcer	5	2	1	18	1	1	-	198	4	7	-	1
K35-K38	Diseases of appendix	-	1	-	3	-	-	-	17	-	-	-	-
K40-K46	Hernia	-	-	-	3	-	-	-	41	-	1	1	1
K50-K51	Crohn's disease and ulcerative colitis	-	-	-	2	-	-	3	21	-	2	-	1
K70, K73-K74	Chronic liver disease and cirrhosis	24	23	6	107	18	14	2	1,085	20	31	3	11
K70	Alcoholic liver disease	18	12	4	81	14	8	1	748	15	15	2	9
K73-K74	Other chronic liver disease and cirrhosis	6	11	2	26	4	6	1	337	5	16	1	2
K80-K82	Cholelithiasis and other disorders of gallbladder	4	-	-	6	2	1	-	107	1	2	1	-
K85, K86.0-K86.1	Pancreatitis	-	1	-	13	1	2	-	61	-	3	-	2
Remainder of K00-K92	All other diseases of the digestive system	17	19	6	89	13	19	3	722	19	46	5	21
L00-L98	Diseases of the Skin and Subcutaneous Tissue	2	2	-	5	4	3	1	23	-	3	-	2
L03	Cellulitis	1	-	-	1	2	-	1	3	-	1	-	1
L89	Decubitus ulcer	-	1	-	2	1	2	-	3	-	-	-	-
Remainder of L00-L98	All other diseases of the skin and subcutaneous tissue	1	1	-	2	1	1	-	17	-	2	-	1
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	14	7	3	30	3	6	-	286	2	8	1	4
M05-M13	Inflammatory polyarthropathies including rheumatoid arthritis	1	1	1	9	1	1	-	67	-	1	1	2
M32	Systemic lupus erythematosus	2	1	-	6	1	1	-	42	1	-	-	-
M34	Systemic sclerosis	1	2	-	1	-	-	-	46	-	1	-	1
M60-M79	Soft tissue disorders	1	-	-	5	-	2	-	19	-	-	-	-
M80-M81	Osteoporosis	1	1	-	3	-	2	-	18	-	2	-	-
M86	Osteomyelitis	2	1	-	1	-	-	-	13	-	2	-	-
Remainder of M00-M99	All other diseases of musculoskeletal system and connective tissue	6	1	2	5	1	-	-	81	1	2	-	1
N00-N98	Diseases of the Genitourinary System	22	7	11	80	23	12	4	1,041	17	30	2	18
N00-N07, N17-N19, N25-N27	Nephritis, nephrotic syndrome and nephrosis	7	4	7	27	17	5	3	719	3	7	-	11
N17-N19	Renal failure	5	4	5	24	17	5	3	688	3	6	-	10
N10-N12, N13.6, N15.1	Infections of kidney	1	-	-	2	-	3	-	17	3	2	-	-
N39.0	Urinary tract infection	14	3	4	46	3	4	1	258	8	18	2	6
N40	Hyperplasia of prostate	-	-	-	1	1	-	-	17	-	1	-	-
Remainder of N00-N98	All other diseases of the genitourinary system	-	-	-	4	2	-	-	30	3	2	-	1
O00-O99	Pregnancy, Childbirth, and the Puerperium	-	-	-	2	1	-	-	25	-	1	-	1
P00-P96	Certain Conditions Originating in the Perinatal Period	7	6	-	38	9	-	-	411	8	5	1	5
P01	Effect of maternal complications of pregnancy	2	-	-	4	1	-	-	26	1	-	-	2
P02	Complications of placenta, cord and membrane	1	-	-	1	2	-	-	30	1	1	-	-
P07	Disorders of short gestation and low birthweight	-	-	-	9	1	-	-	127	2	2	-	-
P20-P21	Intrauterine hypoxia and birth asphyxia	2	-	-	2	1	-	-	17	-	-	-	1
P22	Respiratory distress of newborn	-	2	-	6	-	-	-	28	-	-	-	-
P29	Cardiovascular disorders originating in perinatal period	-	1	-	5	2	-	-	73	-	-	-	-
P36	Bacterial sepsis of newborn	-	-	-	2	-	-	-	13	-	-	-	-
P50-P52, P54	Neonatal hemorrhage	-	1	-	1	1	-	-	14	-	-	-	1
Remainder of P00-P96	All other conditions originating in the perinatal period	2	2	-	8	1	-	-	83	4	2	1	1
Q00-Q99	Congenital Malformations and Chromosomal Abnormalities	3	5	-	27	7	2	1	386	4	3	-	3
Q00-07	Congenital malformation of the nervous system	-	1	-	6	3	1	-	38	-	1	-	-
Q20-Q28	Congenital malformations of the heart and circulatory system	2	1	-	9	1	-	-	172	-	1	-	2
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	2	-	-	-	18	-	1	-	-
Q60-Q64	Congenital malformations of the urinary system	-	1	-	1	2	-	-	24	-	-	-	1
Q90	Down's syndrome	-	-	-	2	-	-	1	20	2	-	-	-
Q91	Edward's syndrome and Patau's syndrome	-	-	-	1	-	-	-	32	-	-	-	-
Remainder of Q00-Q99	All other congenital malformations and chromosomal abnormalities	1	2	-	6	1	1	-	82	2	-	-	-
R00-R99	Symptoms, Signs, Abnormal Clinical and Lab Findings	4	26	1	15	3	5	4	215	5	6	2	1
R95	Sudden infant death syndrome [SIDS]	1	-	-	6	1	1	-	11	-	1	-	-
Remainder of R00-R99	All other symptoms, signs, abnormal clinical and lab findings, and other ill-defined and unspecified causes of mortality	3	26	1	9	2	4	4	204	5	5	2	1

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	COUNTY											
		Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino
V01-Y89	External Causes of Death	125	84	24	428	70	69	31	4,181	66	118	15	87
V01-Y99, W00-X59, Y85-Y86	Unintentional Injuries [Accidents]	83	68	16	287	45	42	20	2,194	47	67	13	61
V01-V99, Y85	Transport accidents and sequelae	25	39	9	141	33	20	11	930	28	18	10	25
See Footnote (g)	Motor vehicle accidents	25	39	5	131	30	18	10	851	27	16	10	25
Y85.0	Sequelae of motor vehicle accidents	-	-	-	2	1	-	-	25	-	2	-	-
See Footnote (h)	Other land, railway, and streetcar transport accidents	-	-	-	5	-	1	-	28	-	-	-	-
V90-V99, Y85.9	Water, air, space, other and unspecified transport accidents and sequelae	-	-	4	3	2	1	1	26	1	-	-	-
W00-X59, Y86	Non-transport accidents and sequelae	58	29	7	146	12	22	9	1,264	19	49	3	36
W00-W19	Falls	11	6	4	24	2	5	1	351	5	20	-	7
W32-W34	Accidental discharge of firearms	-	1	-	4	-	-	1	10	-	-	-	-
W65-W74	Accidental drowning and submersion	4	7	-	9	-	2	-	68	1	3	1	-
X00-X09	Accidental exposure to smoke, fire and flames	4	3	1	9	-	1	-	42	-	5	-	2
X40-X49	Accidental poisoning and exposure to noxious substances	29	6	1	73	6	10	5	620	9	10	2	14
Remainder of W00-X59, Y86	Other and unspecified nontransport accidents and sequelae	10	6	1	27	4	4	2	173	4	11	-	13
U03, X60-X84, Y87.0	Intentional Self-Harm [Suicide]	26	8	7	74	13	18	8	727	11	35	2	14
X60-X69	Suicide by poisoning	6	-	-	14	3	-	1	131	-	8	-	1
X70	Suicide by hanging, strangulation, and suffocation	4	4	2	15	4	6	1	188	4	6	1	3
X72-X74	Suicide by discharge of firearms	14	3	5	38	6	12	6	311	7	10	1	8
X80	Suicide by jumping from a high place	-	-	-	1	-	-	-	37	-	5	-	-
Remainder of X60-X84, Y87.0	Suicide by other and unspecified means and sequelae	2	1	-	6	-	-	-	60	-	6	-	2
U01-U02, X85-Y09, Y87.1	Assault [Homicide]	13	5	-	54	7	3	2	1,148	8	5	-	6
X91	Homicide by hanging, strangulation, and suffocation	1	-	-	-	1	-	-	27	-	2	-	-
U01.4, X93-X95	Homicide by discharge of firearms	9	1	-	28	2	1	-	926	4	-	-	2
X99	Homicide by sharp object	-	4	-	14	1	2	2	78	-	1	-	1
Remainder of	Homicide by other and unspecified means and sequelae	3	-	-	12	3	-	-	117	4	2	-	3
Y10-Y84, Y87.2, Y88-Y89	Other External Causes of Death	3	3	1	13	5	6	1	112	-	11	-	6
Y10-Y34, Y87.2, Y89.9	Events of undetermined intent and sequelae	3	2	-	8	1	6	1	58	-	8	-	6
Y35, Y89.0	Legal intervention and sequelae	-	-	-	-	1	-	-	9	-	1	-	-
Y36, Y89.1	Operations of war and sequelae	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	Complications of medical and surgical care and sequelae	-	1	1	5	3	-	-	45	-	2	-	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange	Placer	Plumas	Riverside	Sacramento	San Benito
A00-Y89	Total - All Causes	1,442	97	51	2,383	1,262	961	16,789	2,117	201	12,830	9,578	252
A00-B99	Certain Infectious and Parasitic Diseases	37	2	-	50	13	10	224	21	4	218	198	4
A01-A09	Intestinal infectious diseases	2	-	-	3	-	1	19	3	-	15	10	-
A16-A19	Tuberculosis	3	-	-	3	-	-	6	1	-	4	2	-
A39	Meningococcal infection	-	-	-	-	-	-	4	-	-	-	1	-
A40-A41	Septicemia	7	-	-	11	4	3	15	6	3	52	41	-
B15-B19	Viral hepatitis	8	1	-	10	3	1	55	5	-	29	39	1
B20-B24	Human immunodeficiency virus [HIV] disease	5	-	-	14	3	3	59	1	-	79	56	1
Remainder of A00-B99	Other and unspecified infectious diseases and sequelae	12	1	-	9	3	2	66	5	1	39	49	2
C00-C97	Malignant Neoplasms [Cancer]	294	13	15	523	290	241	4,056	551	64	2,935	2,230	55
C00-C14	Cancers of lip, oral cavity, and pharynx	9	-	-	5	2	2	76	4	-	48	36	1
C15	Cancer of esophagus	4	-	-	10	7	7	100	12	2	65	44	1
C16	Cancer of stomach	18	-	-	20	7	6	129	9	-	72	59	1
C18-C21	Cancer of colon, rectum and anus	31	1	-	40	31	25	398	46	8	304	194	4
C18	Cancer of colon	25	1	-	27	26	22	333	40	5	257	163	4
C22	Cancer of liver and intrahepatic bile ducts	9	-	-	19	4	5	142	10	1	102	52	-
C25	Cancer of pancreas	12	1	1	22	17	10	245	26	3	154	132	8
C32	Cancer of larynx	1	-	-	3	1	1	20	-	-	22	15	-
C33-C34	Cancer of trachea, bronchus, and lung	67	3	4	147	73	68	981	149	24	782	603	11
C43	Malignant melanoma of skin	4	-	-	10	5	8	72	10	2	40	24	1
C45	Mesothelioma	1	-	-	-	2	3	17	7	-	14	5	1
C50	Cancer of breast [total male and female]	32	-	3	47	19	14	323	30	3	209	173	4
C53	Cancer of cervix uteri	1	-	-	6	3	1	33	-	-	32	13	-
C54-C55	Cancer of corpus uteri and uterus, part unspecified	3	-	-	8	5	2	42	2	-	31	13	1
C56	Cancer of ovary	5	-	1	16	13	1	126	23	3	90	54	3
C61	Cancer of prostate	15	1	-	28	20	19	205	47	3	183	124	1
C64-C65	Cancer of kidney and renal pelvis	2	-	1	7	6	3	81	12	-	64	49	2
C67	Cancer of bladder	10	-	1	15	4	4	116	12	1	97	56	1
C70-C72	Cancer of meninges, brain, central nervous system	2	2	1	13	6	9	115	23	-	81	66	2
C81-C96	Cancer of lymphoid, hematopoietic, and related tissue	33	2	3	52	31	27	440	72	6	296	241	9
C81	Hodgkin's disease	-	-	-	3	2	1	11	1	-	6	11	-
C82-C85	Non-Hodgkin's lymphoma	16	-	1	20	10	11	166	32	5	115	85	6
C91-C95	Leukemia	8	2	1	15	11	6	177	24	1	113	94	3
C88, C90	Multiple myeloma and immunoproliferative neoplasms	9	-	1	14	8	9	86	15	-	61	50	-
Remainder of C00-C97	All other and unspecified malignant neoplasms [cancers]	35	3	-	55	34	26	395	57	8	249	277	4
D00-D48	In Situ Neoplasms, Benign Neoplasms, Neoplasms of Uncertain or Unknown Behavior	15	1	-	18	9	4	114	10	2	67	50	1
D00-D09, D10-D36	In situ and benign neoplasms	1	-	-	2	-	2	25	3	1	16	10	-
D37-D48	Neoplasms of uncertain or unknown behavior	14	1	-	16	9	2	89	7	1	51	40	1
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders of the Immune Mechanism	5	-	-	14	3	3	35	6	2	17	19	3
D50-D64	Anemias	-	-	-	8	-	1	10	2	1	8	10	1
D65-D89	All other coagulation defects, hemorrhagic conditions, diseases of blood and blood-forming organs, and disorders of the immune mechanism	5	-	-	6	3	2	25	4	1	9	9	2
E00-E88	Endocrine, Nutritional, and Metabolic Diseases	78	4	2	103	34	26	558	67	6	346	316	6
E10-E14	Diabetes mellitus	59	2	1	76	31	17	457	46	4	275	239	3
E40-E64	Nutritional deficiencies	2	2	-	4	2	4	3	1	-	8	8	1
E40-E46	Malnutrition	2	2	-	4	2	3	3	1	-	8	8	1
E65-E68	Obesity and other hyperalimentation	5	-	-	5	-	2	21	3	-	18	21	-
E84	Cystic fibrosis	-	-	-	1	-	-	4	-	-	2	3	-
Remainder of E00-E88	All other endocrine, nutritional, and metabolic diseases	12	-	1	17	1	3	73	17	2	43	45	2

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange	Placer	Plumas	Riverside	Sacramento	San Benito
F01-F99	Mental and Behavioral Disorders	17	2	-	56	23	20	300	33	5	217	200	7
F01-F09	Organic, including symptomatic, mental disorders	8	2	-	42	18	15	248	27	4	150	135	4
F01, F03	Organic dementia	7	2	-	41	18	15	247	27	4	148	135	4
F10-F19	Mental and behavioral disorders due to psychoactive substance use	6	-	-	11	3	5	42	5	1	60	60	3
F10	Mental and behavioral disorders due to use of alcohol	5	-	-	8	1	2	32	3	-	51	38	2
F11-F16, F18-F19	Mental and behavioral disorders due to use of drugs	1	-	-	3	-	2	9	1	1	8	21	1
Remainder of F01-F99	All other mental and behavioral disorders	3	-	-	3	2	-	10	1	-	7	5	-
G00-G98	Diseases of the Nervous System	42	3	1	104	92	39	724	120	8	498	357	8
G00, G03	Meningitis	1	-	-	-	-	-	3	-	-	6	3	-
G20-G21	Parkinson's disease	6	1	-	23	12	5	159	23	1	70	53	3
G30	Alzheimer's disease	23	2	-	42	63	23	431	71	3	329	215	2
G35	Multiple Sclerosis	-	-	-	8	3	-	23	5	-	6	12	-
Remainder of G00-G98	All other diseases of the nervous system	12	-	1	31	14	11	108	21	4	87	74	3
H00-H93	Diseases of the Eye and Adnexa, and Ear and Mastoid Process	1	-	-	-	-	-	1	-	-	1	-	-
I00-I99	Diseases of the Circulatory System	544	40	19	921	519	367	6,994	826	56	5,368	3,760	93
I00-I78	Major Cardiovascular Diseases	538	40	19	914	519	365	6,956	820	56	5,348	3,749	93
I00-I09, I11, I13, I20-I51	Diseases of the Heart	404	33	14	651	353	254	5,084	594	41	4,120	2,677	62
I00-I09	Acute rheumatic fever, chronic rheumatic heart diseases	5	-	-	8	2	1	33	3	1	24	14	-
I11	Hypertensive heart disease	29	2	-	23	11	9	162	23	4	354	147	2
I13	Hypertensive heart and renal disease	3	-	-	3	-	2	21	4	-	13	17	-
I20-I25	Ischemic heart disease	306	23	12	479	257	189	4,098	448	30	3,206	2,108	51
I20, I24	Angina pectoris and other acute ischemic heart diseases	-	-	-	2	-	1	12	-	-	5	2	2
I21-I22	Acute and subsequent myocardial infarction	153	15	6	105	70	62	1,143	140	10	874	566	12
I25	Chronic ischemic heart disease	153	8	6	372	187	126	2,943	308	20	2,327	1,540	37
I25.0	Atherosclerotic cardiovascular disease, so described	30	1	-	53	23	18	547	55	1	561	303	3
I25.1	Atherosclerotic heart disease	121	7	6	286	153	101	2,264	243	17	1,654	1,186	31
I25.2-I25.9	All other forms of chronic ischemic heart disease	2	-	-	33	11	7	132	10	2	112	51	3
I26-I51	Other heart diseases	61	8	2	138	83	53	770	116	6	523	391	9
I26	Pulmonary embolism	3	-	-	8	8	2	27	3	-	15	21	-
I42	Cardiomyopathy	9	-	2	35	15	6	217	31	1	145	106	2
I48-I49	Atrial fibrillation and flutter and other cardiac arrhythmias	18	1	-	23	8	12	50	13	2	33	24	2
I50	Heart failure	18	5	-	22	24	20	236	44	1	192	136	3
I50.0	Congestive heart failure	18	5	-	20	24	19	235	44	1	189	136	3
I27-I40, I44-I47, I51	All other forms of heart disease	13	2	-	50	28	13	240	25	2	138	104	2
I10, I12	Essential [primary] hypertension, hypertensive renal disease	11	-	-	23	6	7	178	18	1	117	68	1
I60-I69	Cerebrovascular diseases [Stroke]	105	7	4	198	130	88	1,373	186	11	916	837	23
I70-I78	Diseases of arteries, arterioles, and capillaries	18	-	1	42	30	16	321	22	3	195	167	7
I70	Atherosclerosis	4	-	-	20	12	4	147	5	1	92	63	2
I71	Aortic aneurysm and dissection	13	-	1	12	14	9	119	9	2	77	60	1
I72-I78	Other diseases of arteries, arterioles and capillaries	1	-	-	10	4	3	55	8	-	26	44	4
I80-I99	Other disorders of circulatory system	6	-	-	7	-	2	38	6	-	20	11	-
J00-J98	Diseases of the Respiratory System	140	11	3	219	137	104	1,578	209	25	1,351	1,008	29
J10-J18	Influenza and pneumonia	28	3	1	57	57	26	583	60	6	328	341	9
J20-J21	Acute bronchitis and bronchiolitis	-	-	-	-	-	-	2	-	-	1	1	-
J40-J47	Chronic lower respiratory diseases [CLRD]	97	8	1	120	69	66	869	116	16	920	544	14
J40-J42	Bronchitis, chronic and unspecified	-	-	-	3	-	-	5	1	-	15	2	-
J43	Emphysema	12	4	-	17	8	9	112	8	2	77	38	4
J44	Other chronic obstructive pulmonary disease [COPD]	76	4	1	97	58	55	721	102	13	805	481	10
J45-J46	Asthma	9	-	-	1	1	2	27	4	1	20	21	-
J47	Bronchiectasis	-	-	-	2	2	-	4	1	-	3	2	-
J60-J66, J68	Pneumoconioses and chemical effects	-	-	-	-	-	1	3	-	-	-	3	-
J69	Pneumonitis due to solids and liquids	4	-	1	15	5	5	8	18	-	12	55	2
Remainder of J00-J98	Other diseases of the respiratory system	11	-	-	27	6	6	113	15	3	90	64	4

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange	Placer	Plumas	Riverside	Sacramento	San Benito
K00-K92	Diseases of the Digestive System	74	9	2	78	54	32	612	72	5	426	359	12
K25-K28	Peptic ulcer	8	1	-	4	5	1	63	3	1	44	28	1
K35-K38	Diseases of appendix	1	-	-	1	1	-	7	-	-	6	-	-
K40-K46	Hernia	2	-	-	-	1	1	19	-	-	8	10	-
K50-K51	Crohn's disease and ulcerative colitis	-	-	-	-	-	-	7	-	-	3	5	-
K70, K73-K74	Chronic liver disease and cirrhosis	30	1	2	29	26	14	230	29	-	159	138	3
K70	Alcoholic liver disease	24	1	2	22	15	8	154	19	-	117	112	2
K73-K74	Other chronic liver disease and cirrhosis	6	-	-	7	11	6	76	10	-	42	26	1
K80-K82	Cholelithiasis and other disorders of gallbladder	6	1	-	1	3	1	27	4	-	20	17	-
K85, K86.0-K86.1	Pancreatitis	2	-	-	1	-	1	23	2	2	11	14	-
Remainder of K00-K92	All other diseases of the digestive system	25	6	-	42	18	14	236	34	2	175	147	8
L00-L98	Diseases of the Skin and Subcutaneous Tissue	2	-	-	2	-	-	3	1	-	8	10	-
L03	Cellulitis	1	-	-	1	-	-	1	1	-	2	5	-
L89	Decubitus ulcer	-	-	-	-	-	-	1	-	-	1	2	-
Remainder of L00-L98	All other diseases of the skin and subcutaneous tissue	1	-	-	1	-	-	1	-	-	5	3	-
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	9	-	-	13	9	4	91	10	1	70	46	2
M05-M13	Inflammatory polyarthropathies including rheumatoid arthritis	3	-	-	5	2	1	20	4	-	12	9	-
M32	Systemic lupus erythematosus	1	-	-	-	-	-	16	1	-	11	5	-
M34	Systemic sclerosis	1	-	-	3	1	-	11	1	-	9	5	-
M60-M79	Soft tissue disorders	1	-	-	-	3	-	13	-	-	10	5	-
M80-M81	Osteoporosis	1	-	-	-	1	-	8	1	-	3	1	1
M86	Osteomyelitis	1	-	-	-	2	-	9	1	1	3	7	1
Remainder of M00-M99	All other diseases of musculoskeletal system and connective tissue	1	-	-	5	-	3	14	2	-	22	14	-
N00-N98	Diseases of the Genitourinary System	15	1	1	37	12	18	265	35	4	237	173	7
N00-N07, N17-N19, N25-N27	Nephritis, nephrotic syndrome and nephrosis	6	1	-	24	5	8	134	8	3	133	50	3
N17-N19	Renal failure	5	1	-	22	3	7	121	8	3	130	46	3
N10-N12, N13.6, N15.1	Infections of kidney	-	-	-	1	-	-	11	1	-	3	3	-
N39.0	Urinary tract infection	5	-	1	11	6	9	94	24	1	80	108	4
N40	Hyperplasia of prostate	2	-	-	-	-	-	4	-	-	6	4	-
Remainder of N00-N98	All other diseases of the genitourinary system	2	-	-	1	1	1	22	2	-	15	8	-
O00-O99	Pregnancy, Childbirth, and the Puerperium	1	-	-	-	-	1	1	-	-	2	4	-
P00-P96	Certain Conditions Originating in the Perinatal Period	17	-	-	16	5	1	105	13	-	82	49	2
P01	Effect of maternal complications of pregnancy	2	-	-	1	1	-	4	-	-	3	4	-
P02	Complications of placenta, cord and membrane	4	-	-	1	-	-	7	1	-	7	7	-
P07	Disorders of short gestation and low birthweight	3	-	-	7	2	-	30	4	-	22	17	-
P20-P21	Intrauterine hypoxia and birth asphyxia	-	-	-	2	1	-	4	2	-	3	2	-
P22	Respiratory distress of newborn	2	-	-	1	-	-	12	-	-	2	3	-
P29	Cardiovascular disorders originating in perinatal period	2	-	-	-	1	-	22	1	-	19	2	1
P36	Bacterial sepsis of newborn	-	-	-	-	-	-	5	2	-	3	2	-
P50-P52, P54	Neonatal hemorrhage	1	-	-	-	-	-	4	-	-	3	1	1
Remainder of P00-P96	All other conditions originating in the perinatal period	3	-	-	4	-	1	17	3	-	20	11	-
Q00-Q99	Congenital Malformations and Chromosomal Abnormalities	11	-	-	22	5	-	102	6	-	62	63	1
Q00-07	Congenital malformation of the nervous system	2	-	-	1	1	-	11	1	-	5	4	-
Q20-Q28	Congenital malformations of the heart and circulatory system	5	-	-	6	1	-	38	3	-	24	26	1
Q30-34	Congenital malformations of the respiratory system	-	-	-	3	1	-	8	-	-	4	7	-
Q60-Q64	Congenital malformations of the urinary system	1	-	-	1	-	-	12	-	-	2	7	-
Q90	Down's syndrome	-	-	-	2	-	-	8	1	-	5	4	-
Q91	Edward's syndrome and Patau's syndrome	1	-	-	4	-	-	8	-	-	4	5	-
Remainder of Q00-Q99	All other congenital malformations and chromosomal abnormalities	2	-	-	5	2	-	17	1	-	18	10	-
R00-R99	Symptoms, Signs, Abnormal Clinical and Lab Findings	12	1	1	18	2	6	38	9	2	60	63	2
R95	Sudden infant death syndrome [SIDS]	1	-	1	5	-	-	3	2	1	5	15	2
Remainder of R00-R99	All other symptoms, signs, abnormal clinical and lab findings, and other ill-defined and unspecified causes of mortality	11	1	-	13	2	6	35	7	1	55	48	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange	Placer	Plumas	Riverside	Sacramento	San Benito
V01-Y89	External Causes of Death	128	10	7	189	55	85	988	128	17	865	673	20
V01-V99, W00-X59, Y85-Y86	Unintentional Injuries [Accidents]	90	10	6	126	39	58	622	80	11	576	406	16
V01-V99, Y85	Transport accidents and sequelae	57	7	2	66	13	18	228	40	6	311	191	11
See Footnote (g)	Motor vehicle accidents	54	6	1	60	13	18	212	36	5	292	173	11
Y85.0	Sequelae of motor vehicle accidents	-	1	-	-	-	-	6	1	-	6	2	-
See Footnote (h)	Other land, railway, and streetcar transport accidents	2	-	-	5	-	-	5	1	1	9	11	-
V90-V99, Y85.9	Water, air, space, other and unspecified transport accidents and sequelae	1	-	1	1	-	-	5	2	-	4	5	-
W00-X59, Y86	Non-transport accidents and sequelae	33	3	4	60	26	40	394	40	5	265	215	5
W00-W19	Falls	15	1	3	11	5	14	119	17	2	63	56	2
W32-W34	Accidental discharge of firearms	-	-	-	-	-	1	1	-	-	2	1	-
W65-W74	Accidental drowning and submersion	2	-	-	3	1	-	30	5	-	15	20	-
X00-X09	Accidental exposure to smoke, fire and flames	-	-	-	2	1	-	10	-	-	8	9	-
X40-X49	Accidental poisoning and exposure to noxious substances	9	2	-	30	12	18	168	8	1	124	96	2
Remainder of W00-X59, Y86	Other and unspecified nontransport accidents and sequelae	7	-	1	14	7	7	66	10	2	53	33	1
U03, X60-X84, Y87.0	Intentional Self-Harm [Suicide]	20	-	1	29	8	17	241	39	6	151	153	3
X60-X69	Suicide by poisoning	1	-	-	5	1	7	55	6	2	22	42	-
X70	Suicide by hanging, strangulation, and suffocation	4	-	-	8	2	1	56	8	-	34	39	2
X72-X74	Suicide by discharge of firearms	14	-	1	12	5	8	110	22	4	84	59	1
X80	Suicide by jumping from a high place	-	-	-	2	-	-	14	2	-	2	3	-
Remainder of	Suicide by other and unspecified means and sequelae	1	-	-	2	-	1	6	1	-	9	10	-
U01-U02, X85-Y09, Y87.1	Assault [Homicide]	15	-	-	28	3	4	93	1	-	115	80	1
X91	Homicide by hanging, strangulation, and suffocation	-	-	-	-	1	-	1	-	-	2	2	-
U01.4, X93-X95	Homicide by discharge of firearms	13	-	-	25	2	2	63	1	-	71	55	-
X99	Homicide by sharp object	-	-	-	3	-	1	12	-	-	18	9	-
Remainder of	Homicide by other and unspecified means and sequelae	2	-	-	-	-	1	17	-	-	24	14	1
Y10-Y84, Y87.2, Y88-Y89	Other External Causes of Death	3	-	-	6	5	6	32	8	-	23	34	-
Y10-Y34, Y87.2, Y89.9	Events of undetermined intent and sequelae	1	-	-	4	4	5	21	6	-	6	27	-
Y35, Y89.0	Legal intervention and sequelae	-	-	-	-	-	-	3	-	-	7	3	-
Y36, Y89.1	Operations of war and sequelae	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	Complications of medical and surgical care and sequelae	2	-	-	2	1	1	8	2	-	10	4	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra
A00-Y89	Total - All Causes	11,602	19,356	6,281	4,588	2,037	4,674	2,927	8,642	1,614	1,924	40
A00-B99	Certain Infectious and Parasitic Diseases	217	411	263	68	31	68	41	171	42	30	-
A01-A09	Intestinal infectious diseases	9	18	4	-	-	1	-	4	1	-	-
A16-A19	Tuberculosis	2	14	6	3	2	-	-	4	-	1	-
A39	Meningococcal infection	2	2	2	-	-	2	-	-	-	-	-
A40-A41	Septicemia	67	99	23	21	8	12	9	52	14	14	-
B15-B19	Viral hepatitis	33	52	32	11	7	10	14	29	8	7	-
B20-B24	Human immunodeficiency virus [HIV] disease	57	131	165	13	7	24	2	41	8	1	-
Remainder of A00-B99	Other and unspecified infectious diseases and sequelae	47	95	31	20	7	17	16	41	11	7	-
C00-C97	Malignant Neoplasms [Cancer]	2,503	4,584	1,418	1,045	496	1,227	672	2,131	381	447	11
C00-C14	Cancers of lip, oral cavity, and pharynx	45	66	42	27	9	21	13	33	5	9	-
C15	Cancer of esophagus	54	105	36	26	12	24	17	35	5	12	1
C16	Cancer of stomach	68	110	42	27	7	41	20	79	11	7	-
C18-C21	Cancer of colon, rectum and anus	259	431	150	85	45	133	57	214	35	31	-
C18	Cancer of colon	204	364	112	67	42	106	46	184	29	23	-
C22	Cancer of liver and intrahepatic bile ducts	76	138	94	32	13	32	20	98	7	9	2
C25	Cancer of pancreas	146	277	71	56	29	63	47	129	27	14	-
C32	Cancer of larynx	22	25	6	5	1	8	1	6	1	3	-
C33-C34	Cancer of trachea, bronchus, and lung	657	1,148	324	312	142	307	167	491	100	145	3
C43	Malignant melanoma of skin	43	93	21	16	15	23	11	28	11	7	1
C45	Mesothelioma	10	29	2	6	-	7	3	6	3	1	-
C50	Cancer of breast [total male and female]	165	409	99	82	36	88	48	165	28	30	1
C53	Cancer of cervix uteri	19	27	10	6	2	3	1	10	3	3	-
C54-C55	Cancer of corpus uteri and uterus, part unspecified	24	69	14	12	6	18	11	29	3	6	-
C56	Cancer of ovary	55	119	34	13	9	36	21	62	12	18	-
C61	Cancer of prostate	148	274	70	60	24	62	38	106	14	27	1
C64-C65	Cancer of kidney and renal pelvis	62	81	28	23	7	25	12	40	9	8	-
C67	Cancer of bladder	70	99	42	17	12	27	16	46	12	15	1
C70-C72	Cancer of meninges, brain, central nervous system	65	127	37	19	12	27	19	55	11	16	-
C81-C96	Cancer of lymphoid, hematopoietic, and related tissue	229	458	137	103	59	159	73	251	36	40	-
C81	Hodgkin's disease	5	10	2	1	-	4	3	6	3	-	-
C82-C85	Non-Hodgkin's lymphoma	84	173	59	51	20	80	37	105	17	15	-
C91-C95	Leukemia	92	184	52	31	26	49	26	90	10	16	-
C88, C90	Multiple myeloma and immunoproliferative neoplasms	48	91	24	20	13	26	7	50	6	9	-
Remainder of C00-C97	All other and unspecified malignant neoplasms [cancers]	286	499	159	118	56	123	77	248	48	46	1
D00-D48	In Situ Neoplasms, Benign Neoplasms, Neoplasms of Uncertain or Unknown Behavior	57	95	46	28	17	21	17	57	15	11	-
D00-D09, D10-D36	In situ and benign neoplasms	4	17	10	4	2	-	4	6	-	-	-
D37-D48	Neoplasms of uncertain or unknown behavior	53	78	36	24	15	21	13	51	15	11	-
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders of the Immune Mechanism	55	50	14	14	8	15	7	26	8	5	-
D50-D64	Anemias	19	19	5	7	4	6	2	11	1	1	-
D65-D89	All other coagulation defects, hemorrhagic conditions, diseases of blood and blood-forming organs, and disorders of the immune mechanism	36	31	9	7	4	9	5	15	7	4	-
E00-E88	Endocrine, Nutritional, and Metabolic Diseases	481	637	160	198	56	127	109	307	63	67	2
E10-E14	Diabetes mellitus	366	475	126	163	42	100	87	226	37	44	2
E40-E64	Nutritional deficiencies	9	7	5	5	2	2	1	7	4	1	-
E40-E46	Malnutrition	7	6	4	5	2	2	1	7	4	1	-
E65-E68	Obesity and other hyperalimentation	38	49	8	5	-	2	2	14	2	2	-
E84	Cystic fibrosis	4	5	-	-	-	-	-	-	1	-	-
Remainder of E00-E88	All other endocrine, nutritional, and metabolic diseases	64	101	21	25	12	23	19	60	19	20	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra
F01-F99	Mental and Behavioral Disorders	326	219	215	72	47	72	52	203	54	56	1
F01-F09	Organic, including symptomatic, mental disorders	140	49	101	27	25	51	36	149	28	46	1
F01, F03	Organic dementia	138	46	95	26	25	51	35	145	28	45	1
F10-F19	Mental and behavioral disorders due to psychoactive substance use	179	120	111	42	16	19	10	49	25	8	-
F10	Mental and behavioral disorders due to use of alcohol	98	102	75	22	12	14	10	38	11	6	-
F11-F16, F18-F19	Mental and behavioral disorders due to use of drugs	80	15	34	20	2	4	-	10	11	1	-
Remainder of F01-F99	All other mental and behavioral disorders	7	50	3	3	6	2	6	5	1	2	-
G00-G98	Diseases of the Nervous System	388	1,272	259	163	113	233	152	351	51	84	3
G00, G03	Meningitis	3	10	2	-	-	1	1	2	1	-	-
G20-G21	Parkinson's disease	51	174	48	25	17	38	27	59	8	16	1
G30	Alzheimer's disease	212	909	135	95	72	151	91	196	29	42	1
G35	Multiple Sclerosis	16	30	7	3	-	7	6	14	2	1	-
Remainder of G00-G98	All other diseases of the nervous system	106	149	67	40	24	36	27	80	11	25	1
H00-H93	Diseases of the Eye and Adnexa, and Ear and Mastoid Process	2	1	1	1	-	-	-	-	-	-	-
I00-I99	Diseases of the Circulatory System	4,488	7,412	2,468	1,801	765	1,770	1,149	3,336	616	685	7
I00-I78	Major Cardiovascular Diseases	4,456	7,349	2,456	1,796	762	1,756	1,140	3,313	615	681	7
I00-I09, I11, I13, I20-I51	Diseases of the Heart	3,470	5,314	1,742	1,319	541	1,227	840	2,392	472	505	5
I00-I09	Acute rheumatic fever, chronic rheumatic heart diseases	14	39	14	12	5	11	9	21	5	5	-
I11	Hypertensive heart disease	307	244	268	68	49	75	91	163	20	9	-
I13	Hypertensive heart and renal disease	15	34	15	6	2	4	5	28	4	1	-
I20-I25	Ischemic heart disease	2,633	4,003	1,186	1,008	366	881	568	1,669	291	353	2
I20, I24	Angina pectoris and other acute ischemic heart diseases	4	5	-	4	2	5	1	3	-	2	-
I21-I22	Acute and subsequent myocardial infarction	705	1,333	392	284	94	358	136	474	88	153	1
I25	Chronic ischemic heart disease	1,924	2,665	794	720	270	518	431	1,192	203	198	1
I25.0	Atherosclerotic cardiovascular disease, so described	477	482	323	105	41	82	117	261	52	25	1
I25.1	Atherosclerotic heart disease	1,320	1,961	412	585	187	405	253	864	140	159	-
I25.2-I25.9	All other forms of chronic ischemic heart disease	127	222	59	30	42	31	61	67	11	14	-
I26-I51	Other heart diseases	501	994	259	225	119	256	167	511	152	137	3
I26	Pulmonary embolism	18	21	5	16	3	16	7	10	5	7	-
I42	Cardiomyopathy	135	210	73	58	21	78	39	107	28	20	-
I48-I49	Atrial fibrillation and flutter and other cardiac arrhythmias	51	117	22	8	16	5	21	45	24	19	1
I50	Heart failure	161	334	63	68	46	68	42	184	57	46	1
I50.0	Congestive heart failure	157	333	63	68	45	68	41	181	56	44	1
I27-I40, I44-I47, I51	All other forms of heart disease	136	312	96	75	33	89	58	165	38	45	1
I10, I12	Essential [primary] hypertension, hypertensive renal disease	140	220	47	36	15	42	19	97	19	13	-
I60-I69	Cerebrovascular diseases [Stroke]	699	1,459	566	383	169	428	243	700	103	137	2
I70-I78	Diseases of arteries, arterioles, and capillaries	147	356	101	58	37	59	38	124	21	26	-
I70	Atherosclerosis	50	168	26	26	11	19	12	55	8	12	-
I71	Aortic aneurysm and dissection	63	111	42	21	15	24	15	46	11	10	-
I72-I78	Other diseases of arteries, arterioles and capillaries	34	77	33	11	11	16	11	23	2	4	-
I80-I99	Other disorders of circulatory system	32	63	12	5	3	14	9	23	1	4	-
J00-J98	Diseases of the Respiratory System	1,187	1,905	632	447	238	565	317	924	151	213	4
J10-J18	Influenza and pneumonia	328	585	301	103	42	232	97	345	42	53	1
J20-J21	Acute bronchitis and bronchiolitis	-	1	-	-	-	-	1	-	-	-	-
J40-J47	Chronic lower respiratory diseases [CLRD]	767	1,006	285	282	148	256	156	428	92	127	1
J40-J42	Bronchitis, chronic and unspecified	7	2	2	3	1	4	-	1	1	4	-
J43	Emphysema	77	107	24	33	24	36	20	64	22	20	-
J44	Other chronic obstructive pulmonary disease [COPD]	650	856	233	230	117	202	131	339	66	97	1
J45-J46	Asthma	30	32	23	13	5	11	5	19	2	6	-
J47	Bronchiectasis	3	9	3	3	1	3	-	5	1	-	-
J60-J66, J68	Pneumoconioses and chemical effects	2	9	1	1	1	2	2	2	-	-	-
J69	Pneumonitis due to solids and liquids	15	156	7	19	19	41	29	72	9	16	-
Remainder of J00-J98	Other diseases of the respiratory system	75	148	38	42	28	34	32	77	8	17	2

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra
K00-K92	Diseases of the Digestive System	485	752	223	177	76	177	103	308	62	84	3
K25-K28	Peptic ulcer	35	54	24	17	-	15	6	15	3	5	-
K35-K38	Diseases of appendix	4	4	-	-	-	-	1	4	-	-	-
K40-K46	Hernia	10	14	7	2	1	6	4	3	-	3	-
K50-K51	Crohn's disease and ulcerative colitis	2	10	1	1	3	2	1	2	1	-	-
K70, K73-K74	Chronic liver disease and cirrhosis	236	296	74	70	28	66	30	130	27	27	2
K70	Alcoholic liver disease	137	214	53	32	18	36	20	74	21	16	2
K73-K74	Other chronic liver disease and cirrhosis	99	82	21	38	10	30	10	56	6	11	-
K80-K82	Cholelithiasis and other disorders of gallbladder	16	32	14	3	1	11	6	10	3	6	-
K85, K86.0-K86.1	Pancreatitis	13	30	6	11	1	3	6	13	-	3	-
Remainder of K00-K92	All other diseases of the digestive system	169	312	97	73	42	74	49	131	28	40	1
L00-L98	Diseases of the Skin and Subcutaneous Tissue	8	17	17	9	3	9	9	17	2	9	-
L03	Cellulitis	6	4	4	5	2	4	2	9	1	2	-
L89	Decubitus ulcer	2	3	9	1	-	2	1	2	1	2	-
Remainder of L00-L98	All other diseases of the skin and subcutaneous tissue	-	10	4	3	1	3	6	6	-	5	-
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	75	131	31	29	14	27	23	49	11	17	2
M05-M13	Inflammatory polyarthropathies including rheumatoid arthritis	18	21	5	2	3	4	3	11	2	4	2
M32	Systemic lupus erythematosus	13	8	3	4	-	4	2	1	1	1	-
M34	Systemic sclerosis	1	10	4	2	1	3	5	2	-	1	-
M60-M79	Soft tissue disorders	11	12	3	3	2	6	1	7	2	2	-
M80-M81	Osteoporosis	4	30	9	5	2	-	4	11	3	2	-
M86	Osteomyelitis	6	9	3	1	2	3	-	2	2	1	-
Remainder of M00-M99	All other diseases of musculoskeletal system and connective tissue	22	41	4	12	4	7	8	14	1	6	-
N00-N98	Diseases of the Genitourinary System	240	261	106	49	20	94	65	133	34	32	2
N00-N07, N17-N19, N25-N27	Nephritis, nephrotic syndrome and nephrosis	144	124	49	32	9	29	31	66	23	19	-
N17-N19	Renal failure	140	117	42	30	8	23	30	61	23	19	-
N10-N12, N13.6, N15.1	Infections of kidney	1	15	3	1	2	2	5	4	2	-	-
N39.0	Urinary tract infection	80	94	46	9	8	51	21	51	7	12	2
N40	Hyperplasia of prostate	8	8	2	1	-	-	-	4	1	-	-
Remainder of N00-N98	All other diseases of the genitourinary system	7	20	6	6	1	12	8	8	1	1	-
O00-O99	Pregnancy, Childbirth, and the Puerperium	5	3	1	-	-	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	106	89	23	39	2	21	9	45	5	6	-
P01	Effect of maternal complications of pregnancy	15	7	2	6	-	3	-	8	1	-	-
P02	Complications of placenta, cord and membrane	3	8	-	1	1	1	2	2	-	-	-
P07	Disorders of short gestation and low birthweight	40	24	10	8	-	7	2	18	1	2	-
P20-P21	Intrauterine hypoxia and birth asphyxia	3	6	-	2	-	4	1	1	1	-	-
P22	Respiratory distress of newborn	3	2	-	3	-	1	1	1	1	1	-
P29	Cardiovascular disorders originating in perinatal period	21	12	2	5	-	-	1	2	1	-	-
P36	Bacterial sepsis of newborn	1	4	-	1	-	-	1	1	-	-	-
P50-P52, P54	Neonatal hemorrhage	2	3	-	-	-	-	-	1	1	-	-
Remainder of P00-P96	All other conditions originating in the perinatal period	18	23	9	13	1	5	1	11	-	3	-
Q00-Q99	Congenital Malformations and Chromosomal Abnormalities	91	121	21	32	8	14	17	48	7	5	-
Q00-07	Congenital malformation of the nervous system	8	12	1	8	1	2	5	8	2	-	-
Q20-Q28	Congenital malformations of the heart and circulatory system	39	63	8	9	3	3	6	17	2	-	-
Q30-34	Congenital malformations of the respiratory system	7	8	-	2	1	3	1	1	1	1	-
Q60-Q64	Congenital malformations of the urinary system	8	8	2	2	-	2	1	5	-	-	-
Q90	Down's syndrome	5	5	5	-	1	-	1	4	-	-	-
Q91	Edward's syndrome and Patau's syndrome	7	5	-	3	-	-	1	5	-	1	-
Remainder of Q00-Q99	All other congenital malformations and chromosomal abnormalities	17	20	5	8	2	4	2	8	2	3	-
R00-R99	Symptoms, Signs, Abnormal Clinical and Lab Findings	77	169	15	18	7	8	8	35	12	16	2
R95	Sudden infant death syndrome [SIDS]	13	23	2	5	-	1	1	4	1	4	-
Remainder of R00-R99	All other symptoms, signs, abnormal clinical and lab findings, and other ill-defined and unspecified causes of mortality	64	146	13	13	7	7	7	31	11	12	2

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra
V01-Y89	External Causes of Death	811	1,227	368	398	136	226	177	501	100	157	3
V01-Y99, W00-X59, Y85-Y86	Unintentional Injuries [Accidents]	469	790	227	254	94	155	118	306	61	103	2
V01-V99, Y85	Transport accidents and sequelae	289	344	62	136	38	62	37	132	27	45	1
See Footnote (g)	Motor vehicle accidents	272	314	60	129	35	56	31	125	22	41	1
Y85.0	Sequelae of motor vehicle accidents	5	12	1	2	-	1	1	1	-	-	-
See Footnote (h)	Other land, railway, and streetcar transport accidents	7	5	1	4	1	3	4	2	3	3	-
V90-V99, Y85.9	Water, air, space, other and unspecified transport accidents and sequelae	5	13	-	1	2	2	1	4	2	1	-
W00-X59, Y86	Non-transport accidents and sequelae	180	446	165	118	56	93	81	174	34	58	1
W00-W19	Falls	67	134	51	24	19	26	17	69	7	17	1
W32-W34	Accidental discharge of firearms	2	2	1	3	-	1	-	1	-	-	-
W65-W74	Accidental drowning and submersion	10	28	12	15	1	5	7	12	4	1	-
X00-X09	Accidental exposure to smoke, fire and flames	25	10	8	1	2	7	-	11	1	5	-
X40-X49	Accidental poisoning and exposure to noxious substances	36	211	79	47	23	36	39	58	12	25	-
Remainder of W00-X59, Y86	Other and unspecified nontransport accidents and sequelae	40	61	14	28	11	18	18	23	10	10	-
U03, X60-X84, Y87.0	Intentional Self-Harm [Suicide]	160	308	81	61	36	41	44	131	31	38	-
X60-X69	Suicide by poisoning	32	61	27	13	5	9	10	30	7	11	-
X70	Suicide by hanging, strangulation, and suffocation	36	69	16	13	8	10	6	39	7	2	-
X72-X74	Suicide by discharge of firearms	77	133	20	30	19	16	22	45	14	20	-
X80	Suicide by jumping from a high place	2	14	10	1	1	-	1	5	1	1	-
Remainder of X60-X84, Y87.0	Suicide by other and unspecified means and sequelae	13	31	8	4	3	6	5	12	2	4	-
U01-U02, X85-Y09, Y87.1	Assault [Homicide]	154	96	51	54	4	22	7	38	4	9	-
X91	Homicide by hanging, strangulation, and suffocation	4	4	3	2	-	-	-	3	1	-	-
U01.4, X93-X95	Homicide by discharge of firearms	110	54	33	40	1	16	3	25	2	4	-
X99	Homicide by sharp object	17	17	4	5	1	-	2	4	-	-	-
Remainder of	Homicide by other and unspecified means and sequelae	23	21	11	7	2	6	2	6	1	5	-
Y10-Y84, Y87.2, Y88-Y89	Other External Causes of Death	28	33	9	29	2	8	8	26	4	7	1
Y10-Y34, Y87.2, Y89.9	Events of undetermined intent and sequelae	13	19	4	21	-	3	1	8	1	5	1
Y35, Y89.0	Legal intervention and sequelae	5	7	-	-	-	-	-	1	-	1	-
Y36, Y89.1	Operations of war and sequelae	-	-	-	1	-	-	-	-	-	-	-
Y40-Y84, Y88	Complications of medical and surgical care and sequelae	10	7	5	7	2	5	7	17	3	1	-

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
A00-Y89	Total - All Causes	492	2,633	3,864	3,727	709	598	143	2,699	609	4,818	1,130	529
A00-B99	Certain Infectious and Parasitic Diseases	17	56	68	79	12	8	1	75	18	77	17	7
A01-A09	Intestinal infectious diseases	2	1	3	-	-	1	-	-	1	8	-	-
A16-A19	Tuberculosis	2	-	-	3	2	-	-	1	-	1	1	-
A39	Meningococcal infection	-	-	-	1	-	-	-	-	-	-	-	-
A40-A41	Septicemia	4	10	23	17	2	1	-	40	7	15	5	2
B15-B19	Viral hepatitis	1	11	11	32	5	2	1	13	5	16	4	4
B20-B24	Human immunodeficiency virus [HIV] disease	4	20	17	9	-	-	-	6	-	17	4	-
Remainder of A00-B99	Other and unspecified infectious diseases and sequelae	4	14	14	17	3	4	-	15	5	20	3	1
C00-C97	Malignant Neoplasms [Cancer]	102	640	929	787	171	148	31	542	167	1,206	241	133
C00-C14	Cancers of lip, oral cavity, and pharynx	2	10	18	13	3	-	1	9	3	9	4	2
C15	Cancer of esophagus	1	15	21	22	8	3	2	19	3	26	7	2
C16	Cancer of stomach	-	14	20	15	4	6	-	15	1	33	5	-
C18-C21	Cancer of colon, rectum and anus	10	61	105	98	12	11	2	49	15	111	24	12
C18	Cancer of colon	9	53	89	74	9	10	-	40	11	93	19	11
C22	Cancer of liver and intrahepatic bile ducts	-	22	27	26	5	3	1	21	7	30	16	5
C25	Cancer of pancreas	4	41	55	33	13	7	2	41	10	76	9	4
C32	Cancer of larynx	4	4	7	4	-	-	2	5	1	6	2	1
C33-C34	Cancer of trachea, bronchus, and lung	34	174	259	229	40	56	10	136	44	281	62	48
C43	Malignant melanoma of skin	2	4	18	8	-	-	-	6	3	24	4	1
C45	Mesothelioma	-	2	3	1	-	-	1	-	1	9	-	-
C50	Cancer of breast [total male and female]	9	48	63	63	14	10	1	44	11	93	11	6
C53	Cancer of cervix uteri	2	3	7	2	1	2	-	6	2	10	4	1
C54-C55	Cancer of corpus uteri and uterus, part unspecified	2	9	15	7	2	2	-	7	3	14	2	1
C56	Cancer of ovary	2	16	26	22	8	7	1	14	6	34	3	3
C61	Cancer of prostate	6	30	51	30	11	7	-	30	7	62	13	10
C64-C65	Cancer of kidney and renal pelvis	4	12	20	20	3	4	-	16	3	32	7	2
C67	Cancer of bladder	1	17	18	13	2	2	-	11	6	32	11	2
C70-C72	Cancer of meninges, brain, central nervous system	3	18	26	22	7	1	-	5	5	39	8	3
C81-C96	Cancer of lymphoid, hematopoietic, and related tissue	10	74	81	73	17	13	3	47	17	135	21	12
C81	Hodgkin's disease	-	2	1	2	-	-	-	2	1	4	-	2
C82-C85	Non-Hodgkin's lymphoma	5	30	20	30	8	5	1	19	2	53	9	5
C91-C95	Leukemia	4	23	40	33	5	6	-	16	10	55	7	3
C88, C90	Multiple myeloma and immunoproliferative neoplasms	1	19	20	8	4	2	2	10	4	23	5	2
Remainder of C00-C97	All other and unspecified malignant neoplasms [cancers]	6	66	89	86	21	14	5	61	19	150	28	18
D00-D48	In Situ Neoplasms, Benign Neoplasms, Neoplasms of Uncertain or Unknown Behavior	3	19	19	14	2	4	-	17	6	33	6	2
D00-D09, D10-D36	In situ and benign neoplasms	-	2	1	3	-	1	-	1	-	6	-	1
D37-D48	Neoplasms of uncertain or unknown behavior	3	17	18	11	2	3	-	16	6	27	6	1
D50-D89	Diseases of Blood and Blood-Forming Organs and Certain Disorders of the Immune Mechanism	3	10	12	9	1	1	1	9	1	13	3	2
D50-D64	Anemias	1	2	5	5	1	-	-	7	-	7	2	2
D65-D89	All other coagulation defects, hemorrhagic conditions, diseases of blood and blood-forming organs, and disorders of the immune mechanism	2	8	7	4	-	1	1	2	1	6	1	-
E00-E88	Endocrine, Nutritional, and Metabolic Diseases	19	98	128	143	27	19	4	140	15	209	37	20
E10-E14	Diabetes mellitus	13	79	89	117	17	13	3	96	13	168	32	13
E40-E64	Nutritional deficiencies	1	2	5	7	4	1	-	13	-	3	1	1
E40-E46	Malnutrition	1	2	4	7	4	1	-	13	-	2	1	1
E65-E68	Obesity and other hyperalimentation	1	4	7	3	1	-	-	5	-	5	3	2
E84	Cystic fibrosis	-	1	2	1	-	-	-	-	-	1	-	-
Remainder of E00-E88	All other endocrine, nutritional, and metabolic diseases	4	12	25	15	5	5	1	26	2	32	1	4

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
F01-F99	Mental and Behavioral Disorders	9	41	66	50	3	9	6	45	15	124	21	8
F01-F09	Organic, including symptomatic, mental disorders	5	30	43	35	3	9	4	26	13	94	14	8
F01, F03	Organic dementia	5	28	42	34	2	9	4	24	13	89	14	7
F10-F19	Mental and behavioral disorders due to psychoactive substance use	4	9	11	14	-	-	1	12	1	21	5	-
F10	Mental and behavioral disorders due to use of alcohol	1	5	8	9	-	-	1	5	-	16	3	-
F11-F16, F18-F19	Mental and behavioral disorders due to use of drugs	2	2	2	4	-	-	-	5	1	4	2	-
Remainder of F01-F99	All other mental and behavioral disorders	-	2	12	1	-	-	1	7	1	9	2	-
G00-G98	Diseases of the Nervous System	19	122	184	122	21	22	5	67	25	197	76	8
G00, G03	Meningitis	-	1	1	2	-	-	-	1	-	1	2	-
G20-G21	Parkinson's disease	3	19	31	14	3	5	-	13	5	50	13	2
G30	Alzheimer's disease	10	70	120	77	7	11	4	20	14	99	44	4
G35	Multiple Sclerosis	-	3	3	-	1	-	-	4	-	8	3	-
Remainder of G00-G98	All other diseases of the nervous system	6	29	29	29	10	6	1	29	6	39	14	2
H00-H93	Diseases of the Eye and Adnexa, and Ear and Mastoid Process	-	-	-	-	-	-	-	-	-	-	-	-
I00-I99	Diseases of the Circulatory System	186	976	1,489	1,522	270	218	51	1,036	222	1,754	398	187
I00-I78	Major Cardiovascular Diseases	186	976	1,481	1,519	267	218	51	1,030	220	1,739	397	186
I00-I09, I11, I13, I20-I51	Diseases of the Heart	137	672	1,038	1,208	201	163	35	746	168	1,301	257	145
I00-I09	Acute rheumatic fever, chronic rheumatic heart diseases	2	7	11	9	1	-	-	4	1	16	1	1
I11	Hypertensive heart disease	5	40	48	111	13	4	-	46	6	47	17	6
I13	Hypertensive heart and renal disease	-	3	11	8	1	-	-	9	1	6	1	1
I20-I25	Ischemic heart disease	101	477	738	899	145	118	22	504	123	992	185	102
I20, I24	Angina pectoris and other acute ischemic heart diseases	-	1	2	3	1	-	-	4	-	3	1	-
I21-I22	Acute and subsequent myocardial infarction	43	206	217	297	41	50	9	195	57	363	59	45
I25	Chronic ischemic heart disease	58	270	519	599	103	68	13	305	66	626	125	57
I25.0	Atherosclerotic cardiovascular disease, so described	2	29	123	133	23	12	1	24	5	85	16	6
I25.1	Atherosclerotic heart disease	47	226	356	441	76	53	11	266	58	385	102	46
I25.2-I25.9	All other forms of chronic ischemic heart disease	9	15	40	25	4	3	1	15	3	156	7	5
I26-I51	Other heart diseases	29	145	230	181	41	41	13	183	37	240	53	35
I26	Pulmonary embolism	1	13	14	10	4	2	2	5	4	14	1	6
I42	Cardiomyopathy	7	41	64	51	14	9	2	35	8	47	12	6
I48-I49	Atrial fibrillation and flutter and other cardiac arrhythmias	2	9	28	17	6	3	-	25	3	46	3	5
I50	Heart failure	11	41	45	58	7	10	7	67	17	56	24	11
I50.0	Congestive heart failure	11	41	45	57	6	10	7	65	17	54	24	10
I27-I40, I44-I47, I51	All other forms of heart disease	8	41	79	45	10	17	2	51	5	77	13	7
I10, I12	Essential [primary] hypertension, hypertensive renal disease	5	21	27	26	4	2	1	28	5	40	12	2
I60-I69	Cerebrovascular diseases [Stroke]	37	238	324	236	44	45	9	202	42	323	91	33
I70-I78	Diseases of arteries, arterioles, and capillaries	7	45	92	49	18	8	6	54	5	75	37	6
I70	Atherosclerosis	2	10	42	6	11	6	1	26	-	33	22	3
I71	Aortic aneurysm and dissection	5	26	30	29	5	2	3	15	3	28	13	2
I72-I78	Other diseases of arteries, arterioles and capillaries	-	9	20	14	2	-	2	13	2	14	2	1
I80-I99	Other disorders of circulatory system	-	-	8	3	3	-	-	6	2	15	1	1
J00-J98	Diseases of the Respiratory System	50	266	420	395	90	74	13	264	57	500	152	71
J10-J18	Influenza and pneumonia	17	100	127	147	24	23	1	74	10	145	61	15
J20-J21	Acute bronchitis and bronchiolitis	-	-	-	-	1	-	-	-	-	-	-	-
J40-J47	Chronic lower respiratory diseases [CLRD]	27	138	213	212	52	38	10	153	37	263	77	49
J40-J42	Bronchitis, chronic and unspecified	-	1	2	-	-	-	-	1	-	2	-	-
J43	Emphysema	1	14	41	28	10	5	3	20	3	30	10	8
J44	Other chronic obstructive pulmonary disease [COPD]	24	118	159	175	40	30	7	123	31	218	64	39
J45-J46	Asthma	1	3	9	8	2	3	-	9	2	10	3	2
J47	Bronchiectasis	1	2	2	1	-	-	-	-	1	3	-	-
J60-J66, J68	Pneumoconioses and chemical effects	1	-	3	-	-	-	-	-	1	1	-	-
J69	Pneumonitis due to solids and liquids	1	3	37	18	5	7	-	8	1	38	9	1
Remainder of J00-J98	Other diseases of the respiratory system	4	25	40	18	8	6	2	29	8	53	5	6

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
K00-K92	Diseases of the Digestive System	28	109	149	134	26	32	7	113	23	195	47	19
K25-K28	Peptic ulcer	1	3	8	9	2	-	-	6	3	16	2	1
K35-K38	Diseases of appendix	-	1	1	1	-	-	-	-	1	2	-	-
K40-K46	Hernia	-	1	-	6	-	-	-	3	-	4	1	1
K50-K51	Crohn's disease and ulcerative colitis	-	1	2	3	1	-	-	-	-	3	-	-
K70, K73-K74	Chronic liver disease and cirrhosis	8	48	42	55	9	9	5	46	8	57	17	9
K70	Alcoholic liver disease	4	29	30	40	4	6	4	23	6	30	9	5
K73-K74	Other chronic liver disease and cirrhosis	4	19	12	15	5	3	1	23	2	27	8	4
K80-K82	Cholelithiasis and other disorders of gallbladder	1	1	4	5	1	2	-	5	1	10	6	1
K85, K86.0-K86.1	Pancreatitis	1	5	9	1	2	4	-	5	1	7	4	1
Remainder of K00-K92	All other diseases of the digestive system	17	49	83	54	11	17	2	48	9	96	17	6
L00-L98	Diseases of the Skin and Subcutaneous Tissue	2	3	6	6	1	-	1	4	-	10	3	-
L03	Cellulitis	2	-	4	3	-	-	-	-	-	4	2	-
L89	Decubitus ulcer	-	1	1	2	-	-	1	1	-	3	1	-
Remainder of L00-L98	All other diseases of the skin and subcutaneous tissue	-	2	1	1	1	-	-	3	-	3	-	-
M00-M99	Diseases of the Musculoskeletal System and Connective Tissue	2	12	29	27	4	3	-	14	5	24	9	2
M05-M13	Inflammatory polyarthropathies including rheumatoid arthritis	1	2	5	5	2	-	-	2	-	5	1	-
M32	Systemic lupus erythematosus	-	2	2	1	-	-	-	-	-	1	2	-
M34	Systemic sclerosis	-	2	1	6	-	1	-	1	2	5	1	1
M60-M79	Soft tissue disorders	-	-	2	4	-	1	-	1	1	4	-	1
M80-M81	Osteoporosis	1	-	8	6	1	-	-	3	1	1	2	-
M86	Osteomyelitis	-	3	2	2	1	-	-	2	-	3	-	-
Remainder of M00-M99	All other diseases of musculoskeletal system and connective tissue	-	3	9	3	-	1	-	5	1	5	3	-
N00-N98	Diseases of the Genitourinary System	13	54	62	65	8	6	7	75	5	99	26	5
N00-N07, N17-N19, N25-N27	Nephritis, nephrotic syndrome and nephrosis	8	23	28	19	3	5	4	52	3	60	12	2
N17-N19	Renal failure	8	22	26	19	3	5	4	52	3	57	10	2
N10-N12, N13.6, N15.1	Infections of kidney	-	1	-	3	-	-	1	3	-	1	-	-
N39.0	Urinary tract infection	3	25	28	35	1	1	2	16	2	25	12	2
N40	Hyperplasia of prostate	1	2	1	2	1	-	-	3	-	1	1	-
Remainder of N00-N98	All other diseases of the genitourinary system	1	3	5	6	3	-	-	1	-	12	1	1
O00-O99	Pregnancy, Childbirth, and the Puerperium	-	1	1	-	-	-	-	1	1	-	1	-
P00-P96	Certain Conditions Originating in the Perinatal Period	-	23	10	35	1	2	-	21	-	38	7	2
P01	Effect of maternal complications of pregnancy	-	1	-	4	-	-	-	1	-	3	1	-
P02	Complications of placenta, cord and membrane	-	-	-	4	-	-	-	2	-	3	-	-
P07	Disorders of short gestation and low birthweight	-	7	2	12	-	1	-	3	-	10	1	1
P20-P21	Intrauterine hypoxia and birth asphyxia	-	1	1	-	-	-	-	-	-	1	-	-
P22	Respiratory distress of newborn	-	2	-	-	-	-	-	4	-	1	-	-
P29	Cardiovascular disorders originating in perinatal period	-	5	-	3	-	-	-	2	-	6	2	-
P36	Bacterial sepsis of newborn	-	-	-	3	-	1	-	2	-	2	-	-
P50-P52, P54	Neonatal hemorrhage	-	-	2	-	-	-	-	2	-	-	-	-
Remainder of P00-P96	All other conditions originating in the perinatal period	-	7	5	9	1	-	-	5	-	12	3	1
Q00-Q99	Congenital Malformations and Chromosomal Abnormalities	-	17	14	21	3	-	1	18	1	28	1	3
Q00-07	Congenital malformation of the nervous system	-	3	1	3	-	-	-	1	-	3	1	-
Q20-Q28	Congenital malformations of the heart and circulatory system	-	4	4	7	3	-	1	6	-	14	-	2
Q30-34	Congenital malformations of the respiratory system	-	3	-	1	-	-	-	3	-	2	-	-
Q60-Q64	Congenital malformations of the urinary system	-	2	1	-	-	-	-	-	1	3	-	1
Q90	Down's syndrome	-	-	1	1	-	-	-	1	-	-	-	-
Q91	Edward's syndrome and Patau's syndrome	-	1	2	2	-	-	-	4	-	1	-	-
Remainder of Q00-Q99	All other congenital malformations and chromosomal abnormalities	-	4	5	7	-	-	-	3	-	5	-	-
R00-R99	Symptoms, Signs, Abnormal Clinical and Lab Findings	5	17	18	9	5	8	3	10	2	19	4	14
R95	Sudden infant death syndrome [SIDS]	-	8	4	2	1	2	-	4	-	2	-	1
Remainder of R00-R99	All other symptoms, signs, abnormal clinical and lab findings, and other ill-defined and unspecified causes of mortality	5	9	14	7	4	6	3	6	2	17	4	13

Table 5-22. Detailed Causes of Death, California Counties, 2002 (By Place of Residence) - Cont.

ICD-10 CODES	CAUSES OF DEATH	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
V01-Y89	External Causes of Death	34	169	260	309	64	44	12	248	46	292	81	46
V01-V99, W00-X59, Y85-Y86	Unintentional Injuries [Accidents]	20	101	168	238	42	33	11	184	30	194	57	35
V01-V99, Y85	Transport accidents and sequelae	6	53	60	120	23	16	6	95	14	76	18	21
See Footnote (g)	Motor vehicle accidents	6	52	58	108	23	14	6	87	14	67	16	20
Y85.0	Sequelae of motor vehicle accidents	-	-	-	1	-	-	-	-	-	1	1	-
See Footnote (h)	Other land, railway, and streetcar transport accidents	-	1	1	8	-	-	-	4	-	2	1	-
V90-V99, Y85.9	Water, air, space, other and unspecified transport accidents and sequelae	-	-	1	3	-	2	-	4	-	6	-	1
W00-X59, Y86	Non-transport accidents and sequelae	14	48	108	118	19	17	5	89	16	118	39	14
W00-W19	Falls	1	11	30	26	3	5	3	13	2	26	13	1
W32-W34	Accidental discharge of firearms	-	-	1	1	-	1	-	3	-	1	1	-
W65-W74	Accidental drowning and submersion	1	5	7	8	2	1	-	10	-	1	3	5
X00-X09	Accidental exposure to smoke, fire and flames	-	1	5	2	-	1	1	7	2	4	1	1
X40-X49	Accidental poisoning and exposure to noxious substances	5	17	51	66	8	5	-	24	8	62	14	1
Remainder of W00-X59, Y86	Other and unspecified nontransport accidents and sequelae	7	14	14	15	6	4	1	32	4	24	7	6
U03, X60-X84, Y87.0	Intentional Self-Harm [Suicide]	9	39	58	44	11	9	1	30	11	65	16	8
X60-X69	Suicide by poisoning	1	10	12	8	-	2	-	2	2	11	2	1
X70	Suicide by hanging, strangulation, and suffocation	-	4	9	13	4	2	-	7	2	15	3	1
X72-X74	Suicide by discharge of firearms	8	22	32	18	7	5	1	19	7	34	6	6
X80	Suicide by jumping from a high place	-	1	-	3	-	-	-	1	-	2	2	-
Remainder of X60-X84, Y87.0	Suicide by other and unspecified means and sequelae	-	2	5	2	-	-	-	1	-	3	3	-
U01-U02, X85-Y09, Y87.1	Assault [Homicide]	4	26	19	20	7	1	-	29	2	23	4	3
X91	Homicide by hanging, strangulation, and suffocation	1	2	-	1	-	-	-	1	-	-	-	-
U01.4, X93-X95	Homicide by discharge of firearms	2	16	11	12	7	1	-	18	2	12	4	1
X99	Homicide by sharp object	1	2	4	1	-	-	-	4	-	6	-	-
Remainder of U01-U02,	Homicide by other and unspecified means and sequelae	-	6	4	6	-	-	-	6	-	5	-	2
Y10-Y84, Y87.2, Y88-Y89	Other External Causes of Death	1	3	15	7	4	1	-	5	3	10	4	-
Y10-Y34, Y87.2, Y89.9	Events of undetermined intent and sequelae	1	1	8	6	2	-	-	3	1	3	2	-
Y35, Y89.0	Legal intervention and sequelae	-	1	-	1	-	-	-	-	-	1	-	-
Y36, Y89.1	Operations of war and sequelae	-	-	-	-	-	-	-	-	-	-	-	-
Y40-Y84, Y88	Complications of medical and surgical care and sequelae	-	1	7	-	2	1	-	2	2	6	2	-

- Represents zero events.

Note: Rates are per 100,000 total population, unless otherwise specified as below. California total population for 2002 was 35,802,238.

a: Rates are not calculated for residual causes or for 10 events or less.

b: There were 38 male breast cancer deaths in 2002. These male deaths are included in the number and rates shown on this table, though the rates are calculated using only the female population.

c: Gender specific rates are per 100,000 male or female population. California male and female population projections for 2002 were 17,984,195 and 17,818,043 respectively.

d: Rate is less than 0.05.

e: Maternal death rates are per 10,000 live births. Total live births for California in 2002 were 529,245.

f: Infant death rates are calculated per 1,000 live births.

g: ICD-10 Codes for Motor Vehicle Accidents are: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

h: ICD-10 Codes for Other Land, Railway, and Streetcar Transport Accidents are: V01, V05-V06, V09.1, V09.3, V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

Source: State of California, Department of Health Services, Death Records.

State of California, Department of Finance, 2002 Population: 1997-2040 Population Projections with Age, Sex and Race/Ethnic Detail, December 1998.