

TABLE 4-9. INFANT, NEONATAL, AND POSTNEONATAL DEATHS AND MORTALITY RATES FROM SELECTED CAUSES BY AGE, CALIFORNIA 2000 (By Place of Residence)

(Infant mortality rates are per 100,000 live births)

ICD CODES (Rev. 10)	CAUSE OF DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
		NUMBER	RATE	PERCENT <sup>1</sup>	NUMBER	RATE	PERCENT <sup>1</sup>	NUMBER	RATE	PERCENT <sup>1</sup>
A00-Y89	TOTAL, ALL CAUSES	2,884	542.8	100.0	1,957	368.4	100.0	927	174.5	100.0
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,348	253.7	46.7	1,281	241.1	65.5	67	12.6	7.2
P00-P04	MATERNAL CONDITIONS	227	42.7	7.9	224	42.2	11.4	3	a	0.3
P00	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	18	3.4	0.6	16	3.0	0.8	2	a	0.2
P01	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	103	19.4	3.6	103	19.4	5.3	-	-	-
P01.1	PREMATURE RUPTURE OF MEMBRANES	46	8.7	1.6	46	8.7	2.4	-	-	-
P02	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	91	17.1	3.2	91	17.1	4.6	-	-	-
P03	NEWBORN AFFECTED BY COMPLICATIONS OF LABOR AND DELIVERY	11	2.1	0.4	11	2.1	0.6	-	-	-
P04	NEWBORN AFFECTED BY NOXIOUS INFLUENCE VIA PLACENTA OR BREAST MILK	4	a	0.1	3	a	0.2	1	a	0.1
P05-P08	DISORDERS RELATED TO LENGTH OF GESTATION OR MALNUTRITION	398	74.9	13.8	393	74.0	20.1	5	0.9	0.5
P05	SLOW FETAL GROWTH AND FETAL MALNUTRITION	9	1.7	0.3	8	1.5	0.4	1	a	-
P07	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	389	73.2	13.5	385	72.5	19.7	4	a	0.4
P07.2	EXTREME IMMATUREITY	310	58.3	10.7	308	58.0	15.7	2	a	0.2
P10-P15	BIRTH TRAUMA	7	1.3	0.2	7	1.3	0.4	-	-	-
P20-P28	RESPIRATORY CONDITIONS ORIGINATING IN PERINATAL PERIOD	293	55.1	10.2	255	48.0	13.0	38	7.2	4.1
P20-P21	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	50	9.4	1.7	48	9.0	2.5	2	a	0.2
P22	RESPIRATORY DISTRESS OF NEWBORN	112	21.1	3.9	102	19.2	5.2	10	1.9	1.1
P23-P24	CONGENITAL PNEUMONIA & NEONATAL ASPIRATION SYNDROMES	24	4.5	0.8	19	3.6	1.0	5	0.9	0.5
P25	INTERSTITIAL EMPHYSEMA & RELATED CONDITIONS	21	4.0	0.7	19	3.6	1.0	2	a	0.2
P26	PULMONARY HEMORRHAGE	17	3.2	0.6	17	3.2	0.9	-	-	-
P27	CHRONIC RESPIRATORY DISEASE	21	4.0	0.7	2	a	0.1	19	3.6	2.0
P28	OTHER RESPIRATORY CONDITIONS	48	b	1.7	48	b	2.5	-	-	-
P29	CARDIOVASCULAR DISORDERS ORIGINATING IN PERINATAL PERIOD	169	31.8	5.9	167	31.4	8.5	2	a	0.2
P35-P39	PERINATAL INFECTIONS	80	15.1	2.8	75	14.1	3.8	5	0.9	0.5
P36	BACTERIAL SEPSIS OF NEWBORN	63	11.9	2.2	61	11.5	3.1	2	a	0.2
P35,P37-P39	OTHER PERINATAL INFECTIONS	17	b	0.6	14	b	0.7	3	b	0.3
P50-P61	HEMORRHAGIC & HEMATOLOGICAL DISORDERS OF NEWBORN	90	16.9	3.1	89	16.8	4.5	1	a	0.1
P50-P52,P54	NEONATAL HEMORRHAGE	78	14.7	2.7	77	14.5	3.9	1	a	0.1
RESIDUAL	OTHER HEMORRHAGIC & HEMATOLOGICAL CONDITIONS	12	b	0.4	12	b	0.6	-	-	-
P75-P78	DIGESTIVE SYSTEM DISORDERS OF NEWBORN	48	9.0	1.7	39	7.3	2.0	9	a	1.0
P80-P83	CONDITIONS OF INTEGUMENT & TEMPERATURE REGULATION	19	3.6	0.7	18	3.4	0.9	1	a	0.1
RESIDUAL	OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	17	b	0.6	14	b	0.7	3	b	0.3
Q00-Q99	CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	741	139.5	25.7	530	99.8	27.1	211	39.7	22.8
Q00-Q07	CONGENITAL MALFORMATIONS OF THE NERVOUS SYSTEM	113	21.3	3.9	83	15.6	4.2	30	5.6	3.2
Q00	ANENCEPHALY AND SIMILAR MALFORMATIONS	41	7.7	1.4	40	7.5	2.0	1	a	0.1
Q20-Q28	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM	229	43.1	7.9	138	26.0	7.1	91	17.1	9.8
Q20-Q24	OF THE HEART	202	38.0	7.0	122	23.0	6.2	80	15.1	8.6
Q25-Q28	OTHER	27	b	0.9	16	b	0.8	11	b	1.2
Q30-Q34	CONGENITAL MALFORMATIONS OF THE RESPIRATORY SYSTEM	91	17.1	3.2	84	15.8	4.3	7	1.3	0.8
Q33	OF THE LUNG	82	15.4	2.8	79	14.9	4.0	3	0.6	0.3

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		NUMBER	RATE	PERCENT <sup>1</sup>	NUMBER	RATE	PERCENT <sup>1</sup>	NUMBER	RATE	PERCENT <sup>1</sup>
Q35-Q45	CONGENITAL MALFORMATIONS OF THE DIGESTIVE SYSTEM	15	2.8	0.5	5	0.9	0.3	10	1.9	1.1
Q50-Q64	CONGENITAL MALFORMATIONS OF THE GENITOURINARY SYSTEM	34	6.4	1.2	31	5.8	1.6	3	a	0.3
Q65-Q79	CONGENITAL MALFORMATIONS AND DEFORMATION OF MUSCULOSKELETAL SYSTEM	48	9.0	1.7	36	6.8	1.8	12	2.3	1.3
Q80-Q89	OTHER CONGENITAL MALFORMATIONS	69	b	2.4	53	b	2.7	16	b	1.7
Q90-Q99	CHROMOSOMAL ABNORMALITIES, N.E.C.	142	26.7	4.9	100	18.8	5.1	42	7.9	4.5
Q90	DOWN'S SYNDROME	15	2.8	0.5	7	1.3	0.4	8	1.5	0.9
Q91.0-Q91.3	EDWARD'S SYNDROME	68	12.8	2.4	47	8.8	2.4	21	4.0	2.3
Q91.4-Q91.7	PATAU'S SYNDROME	39	7.3	1.4	31	5.8	1.6	8	1.5	0.9
RESIDUAL	OTHER CHROMOSOMAL ABNORMALITIES	20	b	0.7	15	b	0.8	5	b	0.5
RESIDUAL	OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & ABNORMALITIES	48	b	1.7	36	b	1.8	12	b	1.3
	CAUSES NOT SPECIFIC TO PERINATAL PERIOD	795	149.6	27.6	146	27.5	7.5	649	122.2	70.0
A00-B99	CERTAIN INFECTIOUS & PARASITIC DISEASES	42	7.9	1.5	6	1.1	0.3	36	6.8	3.9
A40-A41	SEPTICEMIA	14	2.6	0.5	-	-	-	14	2.6	1.5
A80-B34	VIRAL DISEASES	11	2.1	0.4	2	a	0.1	9	1.7	1.0
C00-D48	NEOPLASMS	18	3.4	0.6	9	1.7	0.5	9	1.7	1.0
E00-E88	ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	23	4.3	0.8	6	1.1	0.3	17	3.2	1.8
G00-G98	DISEASES OF THE NERVOUS SYSTEM	45	8.5	1.6	8	1.5	0.4	37	7.0	4.0
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	83	15.6	2.9	33	6.2	1.7	50	9.4	5.4
I26-I28	PULMONARY HEART DISEASE	26	4.9	0.9	17	3.2	0.9	9	1.7	1.0
I42	CARDIOMYOPATHY	20	3.8	0.7	8	1.5	0.4	12	2.3	1.3
I60-I69	CEREBROVASCULAR DISEASES	11	2.1	0.4	1	b	0.1	10	1.9	1.1
RESIDUAL	OTHER DISEASES OF THE CIRCULATORY SYSTEM	26	b	0.9	7	b	0.4	19	b	2.0
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	75	14.1	2.6	9	1.7	0.5	66	12.4	7.1
J10-J18	INFLUENZA & PNEUMONIA	35	6.6	1.2	8	1.5	0.4	27	5.1	2.9
RESIDUAL	OTHER DISEASES OF THE RESPIRATORY SYSTEM	40	b	1.4	1	b	0.1	39	b	4.2
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	45	8.5	1.6	5	1.0	0.3	40	7.5	4.3
K29,K50-K55	GASTRITIS, DUODENITIS, & NONINFECTIVE ENTERITIS & COLITIS	18	3.4	0.6	2	a	0.1	16	3.0	1.7
K55	VASCULAR DISORDER OF INTESTINE	17	3.2	0.6	2	a	0.1	15	2.8	1.6
RESIDUAL	OTHER DISEASES OF THE DIGESTIVE SYSTEM	27	b	0.9	3	b	0.2	24	b	2.6
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	9	1.7	0.3	7	1.3	0.4	2	a	0.2
N17-N19	RENAL FAILURE	9	1.7	0.3	7	1.3	0.4	2	a	0.2
RESIDUAL	OTHER DISEASES OF THE GENITOURINARY SYSTEM	-	-	-	-	-	-	-	-	-
R00-R99	SYMPTOMS, SIGNS & ABNORMAL CLINICAL & LAB FINDINGS	340	64.0	11.8	46	8.7	2.4	294	55.3	31.7
R95	SUDDEN INFANT DEATH SYNDROME	222	41.8	7.7	20	3.8	1.0	202	38.0	21.8
RESIDUAL	OTHER SYMPTOMS, SIGNS & ABNORMAL FINDINGS	118	b	4.1	26	b	1.3	92	b	9.9
V01-Y89	EXTERNAL CAUSES OF MORTALITY	103	19.4	3.6	12	2.3	0.6	91	17.1	9.8
See footnote	ACCIDENTS	65	12.2	2.3	7	1.3	0.4	58	10.9	6.3
X85-Y09,Y87.1	ASSAULT (HOMICIDE)	28	5.3	1.0	3	a	0.2	25	4.7	2.7
RESIDUAL	OTHER EXTERNAL CAUSES	10	b	0.3	2	b	0.1	8	b	0.9
RESIDUAL	ALL OTHER CAUSES NOT SPECIFIC TO PERINATAL PERIOD	12	b	0.4	5	b	0.3	7	b	0.8

<sup>1</sup> Percents are rounded independently and may not add to totals.

a Rates are not calculated for fewer than five events.

b Rate are not computed for residual categories.

- Represents zero events.

Note: Neonatal deaths are those occurring during the first 27 days of life. Postneonatal deaths are those occurring between the 28th day and the end of the first year of life.

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