

TABLE 4-11. NUMBER AND PERCENT OF INFANT, NEONATAL, POSTNEONATAL DEATHS, AND INFANT MORTALITY RATES FROM SELECTED CAUSES, CALIFORNIA 2001 (By Place of Residence)
(Infant mortality rates are per 100,000 live births.)

ICD CODES REV. 10	CAUSES OF INFANT DEATH	INFANT DEATHS			NEONATAL DEATHS			POSTNEONATAL DEATHS		
		NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹
A00-Y89	TOTAL, ALL CAUSES	2,815	533.8	100.0	1,889	358.2	100.0	926	175.6	100.0
P00-P96	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1,354	256.7	48.1	1,263	239.5	66.9	91	17.3	9.8
P00-P04	MATERNAL CONDITIONS	236	44.8	8.4	228	43.2	12.1	8	1.5	0.9
P00	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	23	4.4	0.8	21	4.0	1.1	2	a	0.2
P01	# NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	87	16.5	3.1	87	16.5	4.6	-	-	-
P01.1	PREMATURE RUPTURE OF MEMBRANES	45	8.5	1.6	45	8.5	2.4	-	-	-
P02	# NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	98	18.6	3.5	95	18.0	5.0	3	a	0.3
P03	# NEWBORN AFFECTED BY COMPLICATIONS OF LABOR AND DELIVERY	19	3.6	0.7	18	3.4	1.0	1	a	0.1
P04	# NEWBORN AFFECTED BY NOXIOUS INFLUENCE VIA PLACENTA OR BREAST MILK	9	1.7	0.3	7	1.3	0.4	2	a	0.2
P05-P08	DISORDERS RELATED TO LENGTH OF GESTATION OR MALNUTRITION	376	71.3	13.4	367	69.6	19.4	9	1.7	1.0
P05	# SLOW FETAL GROWTH AND FETAL MALNUTRITION	5	0.9	0.2	5	0.9	0.3	-	-	-
P07	# DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	371	70.3	13.2	362	68.6	19.2	9	1.7	1.0
P07.2	EXTREME IMMATURITY	294	55.7	10.4	290	55.0	15.4	4	a	0.4
P10-P15	# BIRTH TRAUMA	18	3.4	0.6	18	3.4	1.0	-	-	-
P20-P28	RESPIRATORY CONDITIONS ORIGINATING IN PERINATAL PERIOD	288	54.6	10.2	251	47.6	13.3	37	7.0	4.0
P20-P21	# INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	60	11.4	2.1	57	10.8	3.0	3	a	0.3
P22	# RESPIRATORY DISTRESS OF NEWBORN	98	18.6	3.5	91	17.3	4.8	7	1.3	0.8
P23-P24	CONGENITAL PNEUMONIA & NEONATAL ASPIRATION SYNDROMES	18	3.4	0.6	18	3.4	1.0	0	0.0	0.0
P25	# INTERSTITIAL EMPHYSEMA & RELATED CONDITIONS	19	3.6	0.7	18	3.4	1.0	1	a	0.1
P26	# PULMONARY HEMORRHAGE	21	4.0	0.7	20	3.8	1.1	1	a	0.1
P27	# CHRONIC RESPIRATORY DISEASE	23	4.4	0.8	2	a	0.1	21	4.0	2.3
P28	OTHER RESPIRATORY CONDITIONS	49	9.3	1.7	45	b	2.4	4	b	0.4
P29	CARDIOVASCULAR DISORDERS ORIGINATING IN PERINATAL PERIOD	176	33.4	6.3	173	32.8	9.2	3	a	0.3
P35-P39	PERINATAL INFECTIONS	85	16.1	3.0	77	14.6	4.1	8	1.5	0.9
P36	# BACTERIAL SEPSIS OF NEWBORN	71	13.5	2.5	65	12.3	3.4	6	1.1	0.6
P35,P37-P39	OTHER PERINATAL INFECTIONS	14	2.7	0.5	12	b	0.6	2	b	0.2
P50-P61	HEMORRHAGIC & HEMATOLOGICAL DISORDERS OF NEWBORN	80	15.2	2.8	77	14.6	4.1	3	a	0.3
P50-P52,P54	# NEONATAL HEMORRHAGE	62	11.8	2.2	61	11.6	3.2	1	a	0.1
RESIDUAL	OTHER HEMORRHAGIC & HEMATOLOGICAL CONDITIONS	18	b	0.6	16	b	0.8	2	b	0.2
P75-P78	DIGESTIVE SYSTEM DISORDERS OF NEWBORN	53	10.0	1.9	36	6.8	1.9	17	3.2	1.8
P80-P83	CONDITIONS OF INTEGUMENT & TEMPERATURE REGULATION	19	3.6	0.7	18	3.4	1.0	1	a	0.1
RESIDUAL	OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	23	b	0.8	18	b	1.0	5	b	0.5
Q00-Q99	# CONGENITAL MALFORMATIONS, DEFORMATIONS AND CHROMOSOMAL ABNORMALITIES	712	135.0	25.3	497	94.2	26.3	215	40.8	23.2
Q00-Q07	CONGENITAL MALFORMATIONS OF THE NERVOUS SYSTEM	88	16.7	3.1	65	12.3	3.4	23	4.4	2.5
Q00	ANENCEPHALY AND SIMILAR MALFORMATIONS	34	6.4	1.2	33	6.3	1.7	1	a	0.1
Q20-Q28	CONGENITAL MALFORMATIONS OF THE CIRCULATORY SYSTEM	252	47.8	9.0	146	27.7	7.7	106	20.1	11.4
Q20-Q24	OF THE HEART	218	41.3	7.7	126	23.9	6.7	92	17.4	9.9
Q25-Q28	OTHER	34	b	1.2	20	b	1.1	14	b	1.5
Q30-Q34	CONGENITAL MALFORMATIONS OF THE RESPIRATORY SYSTEM	66	12.5	2.3	60	11.4	3.2	6	1.1	0.6
Q33	OF THE LUNG	61	11.6	2.2	57	10.8	3.0	4	a	0.4
Q35-Q45	CONGENITAL MALFORMATIONS OF THE DIGESTIVE SYSTEM	12	2.3	0.4	8	1.5	0.4	4	a	0.4

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		NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹	NUMBER	RATE	PERCENT ¹
Q50-Q64	CONGENITAL MALFORMATIONS OF THE GENITOURINARY SYSTEM	49	9.3	1.7	42	8.0	2.2	7	1.3	0.8
Q65-Q79	CONGENITAL MALFORMATIONS AND DEFORMATION OF MUSCULOSKELETAL SYSTEM	43	8.2	1.5	30	5.7	1.6	13	2.5	1.4
Q80-Q89	OTHER CONGENITAL MALFORMATIONS	60	11.4	2.1	44	b	2.3	16	b	1.7
Q90-Q99	CHROMOSOMAL ABNORMALITIES, N.E.C.	142	26.9	5.0	102	19.3	5.4	40	7.6	4.3
Q90	DOWN'S SYNDROME	17	3.2	0.6	12	2.3	0.6	5	0.9	0.5
Q91.0-Q91.3	EDWARD'S SYNDROME	64	12.1	2.3	45	8.5	2.4	19	3.6	2.1
Q91.4-Q91.7	PATAU'S SYNDROME	38	7.2	1.3	34	6.4	1.8	4	a	0.4
RESIDUAL	OTHER CHROMOSOMAL ABNORMALITIES	23	b	0.8	11	b	0.6	12	b	1.3
RESIDUAL	OTHER CONGENITAL MALFORMATIONS, DEFORMATIONS & ABNORMALITIES	-	-	-	-	-	-	-	-	-
	CAUSES NOT SPECIFIC TO PERINATAL PERIOD	749	142.0	26.6	129	24.5	6.8	620	117.6	67.0
A00-B99	CERTAIN INFECTIOUS & PARASITIC DISEASES	46	8.7	1.6	9	1.7	0.5	37	7.0	4.0
A40-A41	SEPTICEMIA	15	2.8	0.5	-	-	-	15	2.8	1.6
A80-B34	VIRAL DISEASES	13	2.5	0.5	6	1.1	0.3	7	1.3	0.8
C00-D48	NEOPLASMS	15	2.8	0.5	3	a	0.2	12	2.3	1.3
E00-E88	ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES	28	5.3	1.0	11	2.1	0.6	17	3.2	1.8
G00-G98	DISEASES OF THE NERVOUS SYSTEM	48	9.1	1.7	13	2.5	0.7	35	6.6	3.8
I00-I99	DISEASES OF THE CIRCULATORY SYSTEM	58	11.0	2.1	20	3.8	1.1	38	7.2	4.1
I26-I28	PULMONARY HEART DISEASE	17	3.2	0.6	11	2.1	0.6	6	1.1	0.6
I42	CARDIOMYOPATHY	16	3.0	0.6	3	a	0.2	13	2.5	1.4
I60-I69	CEREBROVASCULAR DISEASES	10	1.9	0.4	2	a	0.1	8	1.5	0.9
RESIDUAL	OTHER DISEASES OF THE CIRCULATORY SYSTEM	15	b	0.5	4	b	0.2	11	b	1.2
J00-J98	DISEASES OF THE RESPIRATORY SYSTEM	69	13.1	2.5	5	0.9	0.3	64	12.1	6.9
J10-J18	INFLUENZA & PNEUMONIA	25	4.7	0.9	1	a	0.1	24	4.6	2.6
RESIDUAL	OTHER DISEASES OF THE RESPIRATORY SYSTEM	44	b	1.6	4	b	0.2	40	b	4.3
K00-K92	DISEASES OF THE DIGESTIVE SYSTEM	41	7.8	1.5	9	1.7	0.5	32	6.1	3.5
K29,K50-K55	# GASTRITIS, DUODENITIS, & NONINFECTIVE ENTERITIS & COLITIS	18	3.4	0.6	4	a	0.2	14	2.7	1.5
K55	VASCULAR DISORDER OF INTESTINE	15	2.8	0.5	4	a	0.2	11	2.1	1.2
RESIDUAL	OTHER DISEASES OF THE DIGESTIVE SYSTEM	23	b	0.8	5	b	0.3	18	b	1.9
N00-N98	DISEASES OF THE GENITOURINARY SYSTEM	14	2.7	0.5	8	1.5	0.4	6	1.1	0.6
N17-N19	RENAL FAILURE	10	1.9	0.4	6	1.1	0.3	4	a	0.4
RESIDUAL	OTHER DISEASES OF THE GENITOURINARY SYSTEM	4	b	0.1	2	b	-	2	b	-
R00-R99	SYMPTOMS, SIGNS & ABNORMAL CLINICAL & LAB FINDINGS	324	61.4	11.5	41	7.8	2.2	283	53.7	30.6
R95	# SUDDEN INFANT DEATH SYNDROME	197	37.4	7.0	18	3.4	1.0	179	33.9	19.3
RESIDUAL	OTHER SYMPTOMS, SIGNS & ABNORMAL FINDINGS	127	b	4.5	23	b	1.2	104	b	11.2
V01-Y89	EXTERNAL CAUSES OF MORTALITY	90	17.1	3.2	8	1.5	0.4	82	15.5	8.9
V01-X59,Y85-Y86	# ACCIDENTS	53	10.0	1.9	4	a	0.2	49	9.3	5.3
X85-Y09,Y87.1	# ASSAULT (HOMICIDE)	32	6.1	1.1	4	a	0.2	28	5.3	3.0
RESIDUAL	OTHER EXTERNAL CAUSES	5	b	0.2	-	-	-	5	b	0.5
RESIDUAL	ALL OTHER CAUSES NOT SPECIFIC TO PERINATAL PERIOD	16	b	0.6	2	b	0.1	14	b	1.5

ICD-10 code ranges marked with this sign are rankable as leading causes of infant death. Marked conditions do not comprise an exhaustive list of rankable causes.

¹ Percents are rounded independently and may not add to totals.

- Represents zero events.

a Rates are not calculated for fewer than five events.

b Rates are not computed for residual categories.

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.