

Number of Matched Infant Deaths by Cause of Death and Selected Characteristics at Time of Death - CCDPH, 2000 to 2002

Selected Characteristics of Mother and Newborn	Total	Cause of Death			
		Congenital Anomalies	Perinatal Conditions	Sudden Infant Death Syndrome	Accidental Injury and Poisoning
Total	776	233	464	31	22
Marital Status					
Married	475	138	289	17	7
Not Married	299	95	173	14	15
Status Unknown	2	0	2	0	0
Mother's Education					
Under 12 Years	140	59	62	4	8
12-15 Years	403	104	262	20	12
16 Years or More	233	70	140	7	2
Number of Children Delivered					
One	606	214	321	29	22
Two	137	15	117	1	0
Three or More	33	4	26	1	0
Attendant at Birth					
Medical Person	736	226	440	29	21
DO	26	4	18	1	0
Mid Wife	0	0	0	0	0
Other Person	14	3	6	1	1
Method of Delivery *					
Vaginal	494	143	315	22	16
Vaginal after Previous C-Section	18	7	9	0	2
Primary C-Section	182	49	109	3	1
Repeat C-Section	65	29	24	5	3
Forceps	9	3	4	0	0
Vacuum	8	2	3	1	0
Unknown	0	0	0	0	0
Birth Weight					
Under 1500 Grams	510	51	427	1	1
1500-2499 Grams	89	59	18	2	4
2500 Grams or More	177	123	19	28	17
Clinical Estimate of Gestation by Agar Scores					
Under 24 Weeks	312	20	287	0	1

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Selected Characteristics of Mother and Newborn	Total	Cause of Death			
		Congenital Anomalies	Perinatal Conditions	Sudden Infant Death Syndrome	Accidental Injury and Poisoning
Apgar Scores Under 7:					
At One Minute	304	20	279	0	1
At Five Minutes	298	20	273	0	1
24 to 32 Week	219	39	153	1	0
Apgar Scores Under 7:					
At One Minute	191	33	138	1	0
At Five Minutes	128	26	93	0	0
33 to 36 Weeks	59	44	8	3	3
Apgar Scores Under 7:					
At One Minute	32	23	5	1	1
At Five Minutes	20	12	4	0	1
37 Weeks or More	186	130	16	27	18
Apgar Scores Under 7:					
At One Minute	57	32	11	3	0
At Five Minutes	34	17	10	0	0
Trimester of First Visit by Number of Visits					
First Trimester	613	177	375	20	15
Under 9 Visits	313	43	246	1	2
9-15 Visits	245	120	96	17	12
16 Visits or More	55	14	33	2	1
Second Trimester	69	30	26	8	3
Under 9 Visits	48	19	23	4	2
9-15 Visits	20	10	3	4	1
16 Visits or More	1	1	0	0	0
Third Trimester	63	19	40	2	2
Under 9 Visits	15	9	5	1	2
9-15 Visits	1	1	0	0	0
16 Visits or More	47	9	35	1	0
No Trimester Reported	31	7	23	1	2
Under 9 Visits	0	0	0	0	0
9-15 Visits	1	0	1	0	0
16 Visits or More	0	0	0	0	0
Number of Children					

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Selected Characteristics of Mother and Newborn	Total	Cause of Death			
		Congenital Anomalies	Perinatal Conditions	Sudden Infant Death Syndrome	Accidental Injury and Poisoning
Ever Born					
One Child	219	56	138	6	3
Two Children	221	67	130	8	6
With One or More:					
Live Births Now Dead	26	1	21	0	0
Terminations of Pregnancy	61	14	42	3	1
Three Children	151	56	82	6	5
With One or More:					
Live Births Now Dead	24	8	14	0	0
Terminations of Pregnancy	69	20	43	2	2
Four Children	82	22	51	4	4
With One or More:					
Live Births Now Dead	18	2	15	0	0
Terminations of Pregnancy	55	12	37	2	4
Five Children	43	12	28	1	1
With One or More:					
Live Births Now Dead	7	2	4	0	0
Terminations of Pregnancy	29	7	19	1	0
Six or More Children	60	20	35	6	3
With One or More:					
Live Births Now Dead	12	3	9	0	0
Terminations of Pregnancy	49	16	29	5	2
Last Pregnancy					
None Reported	313	71	212	8	4
Under 18 Months	119	35	73	6	7
18-23 Months	45	22	16	2	1
24-35 Months	77	33	38	3	3
36 Months or More	222	72	125	12	7
Medical Risk Factors					
None Reported	370	142	191	22	14
Anemia	17	1	14	0	1
Cardiac Disease	11	2	9	0	0
Acute or Chronic Lung Disease	13	2	10	0	1
Diabetes	17	8	6	2	0
Genital Herpes	5	0	5	0	0

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Death - CCDPH, 2000 to 2002

Selected Characteristics of Mother and Newborn	Total	Cause of Death			
		Congenital Anomalies	Perinatal Conditions	Sudden Infant Death Syndrome	Accidental Injury and Poisoning
Hydramnios/Oligohydramnios	26	8	13	0	0
Hemoglobinopathy	2	0	2	0	0
Hypertension:					
Chronic	7	1	5	0	0
Pregnancy Associated	21	6	13	1	1
Elcampsia	4	1	2	0	0
Incompetent Cervix	41	1	38	0	0
Previous Infant 4000 Grams or More	7	2	5	0	0
Previous preterm or Small for Gestational-Age Infant	20	4	13	0	2
Renal Disease	4	0	4	0	0
RH Sensitation	6	1	5	1	0
Uterine Bleeding	26	0	24	0	0
Other	213	54	139	5	3
Obstetric Procedures					
None Reported	38	7	28	2	0
Amiocentesis	31	15	12	0	0
Electronic Fetal Monitoring	645	200	378	28	22
Induction of Labor	12	5	6	0	0
Stimulation of Labor	6	0	6	0	0
Tocolysis	8	0	8	0	0
Ultrasound During Labor	47	6	37	1	0
Other	3	0	3	0	0
Unknown	-14	0	-14	0	0
Complications of Labor and/or Delivery					
None Reported	305	128	139	23	14
Febrile	24	2	22	0	0
Meconium, Moderate, Heavy	30	15	9	3	2
Premature Rupture of Membrane	89	2	81	0	0
Abruptio Placenta	20	2	15	1	0
Placenta Previa	5	2	3	0	0
Other Excessive Bleeding	6	2	4	0	0
Seizures During Labor	2	0	2	0	0
Preceipitous Labor	16	3	13	0	0
Prolonged Labor	2	0	2	0	0
Dysfunctional Labor	7	5	2	1	2
Breech/Malpresentation	109	23	76	0	0
Cephalopelvic Disproportion	5	3	2	1	0
Cord Prolapse	3	0	3	0	0

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Selected Characteristics of Mother and Newborn	Total	Cause of Death			
		Congenital Anomalies	Perinatal Conditions	Sudden Infant Death Syndrome	Accidental Injury and Poisoning
Anesthetic Complications	2	0	2	0	0
Fetal Distress	42	15	21	1	1
Other	141	31	100	1	3
Abnormal Conditions					
None Reported	449	170	228	27	21
Anemia	7	0	7	0	0
Birth Injury	3	1	2	0	1
Fetal Alcohol Syndrome	2	0	2	0	0
Hyaline Membrane Disease	28	4	20	1	0
Meconium Aspiration Syndrome	5	2	2	0	0
Assisted Ventilation:					
Under 30 Minutes	45	9	30	0	0
30 Minutes or More	80	19	49	1	0
Seizures	4	1	2	0	0
Other	171	27	140	2	0
Congenital Anomalies					
None Reported	606	160	375	31	22
Central Nervous System Anomalies	11	10	1	0	0
Spina Bifida/Meningocele	5	3	2	0	0
Circulatory/Respiratory Anomalies	28	24	2	0	0
Gastrointestinal Anomalies	6	5	1	0	0
Urogenital Anomalies	2	2	0	0	0
Musculoskeletal/Integumental Anomalies	10	7	1	0	0
Down's Syndrome	6	3	3	0	0
Other Chromosomal Anomalies	6	4	2	0	0
Other	116	27	85	0	0

* Method of delivery derived from CDC formula of reported methods of delivery.

Source: IDPH, "Matched Death/Birth File" 2000 to 2002

Number of Matched Infant Deaths by Cause of Death and Selected Characteristics at Time of Death - CCDPH, 2000 to 2002

Selected Characteristics of Mother and Newborn	Cause of Death		Age at Time of Death		
	Homicide	All Other Causes	Under 7 Days	7-27 Days	1-11 Months
Total	5	21	94	484	198
Marital Status					
Married	2	22	59	309	107
Not Married	3	-1	35	173	91
Status Unknown	0	0	0	2	0
Mother's Education					
Under 12 Years	2	5	16	68	56
12-15 Years	3	2	41	270	92
16 Years or More	0	14	37	146	50
Number of Children Delivered					
One	5	15	71	356	179
Two	0	4	20	104	13
Three or More	0	2	3	24	6
Attendant at Birth					
Medical Person	4	16	90	460	186
DO	1	2	3	17	6
Mid Wife	0	0	0	0	0
Other Person	0	3	1	7	6
Method of Delivery *					
Vaginal	4	-6	34	345	115
Vaginal after Previous C-Section	0	0	1	9	8
Primary C-Section	1	19	44	97	41
Repeat C-Section	0	4	13	25	27
Forceps	0	2	1	6	2
Vacuum	0	2	1	2	5
Unknown	0	0	0	0	0
Birth Weight					
Under 1500 Grams	0	30	55	408	47
1500-2499 Grams	2	4	22	31	36
2500 Grams or More	3	-13	17	45	115
Clinical Estimate of Gestation by Agar Scores					
Under 24 Weeks	0	4	11	295	6

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Selected Characteristics of Mother and Newborn	Cause of Death		Age at Time of Death		
	Homicide	All Other Causes	Under 7 Days	7-27 Days	1-11 Months
Apgar Scores Under 7:					
At One Minute	0	4	11	288	5
At Five Minutes	0	4	11	282	5
24 to 32 Week	0	26	50	124	45
Apgar Scores Under 7:					
At One Minute	0	19	45	114	32
At Five Minutes	0	9	27	87	14
33 to 36 Weeks	1	0	13	20	26
Apgar Scores Under 7:					
At One Minute	0	2	8	17	7
At Five Minutes	0	3	5	12	3
37 Weeks or More	4	-9	20	45	121
Apgar Scores Under 7:					
At One Minute	1	10	12	25	20
At Five Minutes	0	7	11	19	4
Trimester of First Visit by Number of Visits					
First Trimester	4	22	82	380	151
Under 9 Visits	1		34	243	36
9-15 Visits	3	-3	42	108	95
16 Visits or More	0	5	6	29	20
Second Trimester	1	1	6	33	30
Under 9 Visits	1	-1	3	27	18
9-15 Visits	0	2	3	5	12
16 Visits or More	0	0	0	1	0
Third Trimester	0	0	5	48	10
Under 9 Visits	0	-2	2	7	6
9-15 Visits	0	0	0	0	1
16 Visits or More	0	2	3	41	3
No Trimester Reported	0	-2	1	23	7
Under 9 Visits	0	0	0	0	0
9-15 Visits	0	0	0	1	0
16 Visits or More	0	0	0	0	0
Number of Children					

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	Homicide	All Other Causes	Under 7 Days	7-27 Days	1-11 Months
Ever Born					
One Child	3	13	28	138	53
Two Children	0	10	28	143	50
With One or More:					
Live Births Now Dead	0	4	1	22	3
Terminations of Pregnancy	0	1	7	44	10
Three Children	1	1	16	88	47
With One or More:					
Live Births Now Dead	0	2	1	18	5
Terminations of Pregnancy	1	1	8	41	20
Four Children	1	0	13	48	21
With One or More:					
Live Births Now Dead	0	1	2	15	1
Terminations of Pregnancy	0	0	11	32	12
Five Children	0	1	4	31	8
With One or More:					
Live Births Now Dead	0	1	1	6	0
Terminations of Pregnancy	0	2	2	21	6
Six or More Children	0	-4	5	36	19
With One or More:					
Live Births Now Dead	0	0	1	9	2
Terminations of Pregnancy	0	-3	3	32	14
Last Pregnancy					
None Reported	2	16	44	201	68
Under 18 Months	2	-4	15	73	31
18-23 Months	0	4	4	24	17
24-35 Months	0	0	14	38	25
36 Months or More	1	5	17	148	57
Medical Risk Factors					
None Reported	5	-4	43	221	106
Anemia	0	1	2	13	2
Cardiac Disease	0	0	2	7	2
Acute or Chronic Lung Disease	0	0	0	10	3
Diabetes	0	1	1	9	7
Genital Herpes	0	0	1	4	0

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	Homicide	All Other Causes	Under 7 Days	7-27 Days	1-11 Months
Hydramnios/Oligohydramnios	0	5	7	12	7
Hemoglobinopathy	0	0	0	2	0
Hypertension:					
Chronic	0	1	2	3	2
Pregnancy Associated	0	0	4	12	5
Elcampsia	0	1	0	2	2
Incompetent Cervix	0	2	6	33	2
Previous Infant 4000 Grams or More	0	0	0	6	1
Previous preterm or Small for Gestational-Age Infant	0	1	1	14	5
Renal Disease	0	0	0	4	0
RH Sensitation	0	-1	0	5	1
Uterine Bleeding	0	2	2	21	3
Other	0	12	23	140	50
Obstetric Procedures					
None Reported	0	1	3	29	6
Amiocentesis	0	4	4	21	6
Electronic Fetal Monitoring	5	12	83	384	178
Induction of Labor	0	1	0	11	1
Stimulation of Labor	0	0	0	6	0
Tocolysis	0	0	0	8	0
Ultrasound During Labor	0	3	4	36	7
Other	0	0	0	3	0
Unknown	0	0	0	-14	0
Complications of Labor and/or Delivery					
None Reported	3	-2	39	159	107
Febrile	0	0	5	17	2
Meconium, Moderate, Heavy	1	0	2	12	16
Premature Rupture of Membrane	0	6	5	76	8
Abruption Placenta	0	2	2	12	6
Placenta Previa	0	0	0	4	1
Other Excessive Bleeding	0	0	0	5	1
Seizures During Labor	0	0	0	2	0
Preceipitous Labor	0	0	0	13	3
Prolonged Labor	0	0	0	2	0
Dysfunctional Labor	0	-3	0	3	4
Breech/Malpresentation	0	10	17	80	12
Cephalopelvic Disproportion	0	-1	0	4	1
Cord Prolapse	0	0	1	2	0

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	Homicide	All Other Causes	Under 7 Days	7-27 Days	1-11 Months
Anesthetic Complications	0	0	0	2	0
Fetal Distress	1	3	4	24	14
Other	0	6	19	99	23
Abnormal Conditions					
None Reported	5	-2	42	256	151
Anemia	0	0	3	4	0
Birth Injury	0	-1	0	3	0
Fetal Alcohol Syndrome	0	0	0	2	0
Hyaline Membrane Disease	0	3	4	19	5
Meconium Aspiration Syndrome	0	1	0	4	1
Assisted Ventilation:					
Under 30 Minutes	0	6	5	30	10
30 Minutes or More	0	11	19	43	18
Seizures	0	1	0	2	2
Other	0	2	21	139	11
Congenital Anomalies					
None Reported	4	14	70	358	178
Central Nervous System Anomalies					
Spina Bifida/Meningocele	0	0	0	5	0
Circulatory/Respiratory Anomalies					
Gastrointestinal Anomalies	0	0	1	3	2
Urogenital Anomalies	0	0	0	2	0
Musculoskeletal/Integumental Anomalies	1	1	5	4	1
Down's Syndrome	0	0	0	6	0
Other Chromosomal Anomalies	0	0	0	6	0
Other	0	4	14	97	5

* Method of delivery derived from CDC

Source: IDPH, "Matched Death/Birth File"