

About the FloridaCHARTS.com Fetal Death Query System

The Fetal Death Query System provides counts and rates of fetal deaths from 1989 to the present. Data are final unless marked as provisional. Provisional fetal death data is updated every day at approximately 5:00 a.m.

Causes of fetal death are provided for by the international standard diagnostic cause groups (see [World Health Organization](#)) which are used to classify diseases and record many types of health and vital records including fetal death certificates. In this system, if there are no values for the variable selected, no data will be displayed.

Pivot Table Field List for Modifying and Creating Reports

Measures	Availability	Description
Note: Expand the measures symbol (Σ) to view the options in the online system.		
Recorded Fetal Deaths	Count	Shows fetal deaths in Florida, regardless of whether the mother of the fetus was a Florida resident. Recorded data is available starting with 1989.
Resident Fetal Deaths	Count	Shows fetal deaths whose mothers are Florida residents. Resident data is available starting with 1989.
Fetal Death Rate Per 1,000 Deliveries	Rate	The number of fetal deaths divided by the sum of live births plus fetal deaths X 1,000.

Row, Column and Filter Variables	Description
Note: Variables are found in both the count and rate query systems unless otherwise noted.	
High Risk Pregnancy	Mother had history of gestational or pre-pregnancy diabetes, chronic or gestational hypertension, previous preterm delivery or other previous poor birth outcome. Yes, No, Unknown (for 2006 forward)
Mother Not Born in US	Mother was born outside of the U.S. – Yes, No, Unknown (for 2006 forward) Yes means mother was not born in the US. No means mother was born in US.
Mother's Age	Age of mother at time of fetal death - grouped by ages 0-14, 15-17, 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45+, and unknown. The groups can be expanded to show single years of age (for 1989 forward)
<u>Mother's Education Level</u>	Mother's level of education at the time of fetal death – initially grouped as < High School, High School Graduate or Higher, Unknown. Can be expanded to show 8th grade or less, 9th-12th grade no diploma, High school graduate or GED, Some college but no degree, Associate's Degree, Bachelor's Degree, Master's Degree, Doctorate Degree, Unknown (for 2006 forward-see note)
Mother's Marital Status	Marital Status of mother at time of fetal death - Married, Not married, other or unknown status (for 1989 forward)
Mother's Pre-pregnancy BMI	Pre-pregnancy body mass index (BMI) of mother - Underweight (<18.5), Normal Weight (18.5-24.9), Overweight (25.0-29.9), Obese I (30.0-34.9), Obese II (35.0-39.9), Obese III (BMI >40), Unknown BMI (for 2008 forward)
Mother's WIC Participation	Mother received WIC food for herself during this pregnancy - Yes, No, Unknown (for 2006 forward)
<u>Mother's Smoking Status</u>	Mother smoked during pregnancy - Yes, No, Yes, but quit during pregnancy, Unknown for 1991 forward-- changes occurred in 2006 and in 2013. See note.)
Number of Prenatal Visits	Number of prenatal visits during this pregnancy - 0 visits, 1 visit, 2-7 visits, 8-15 visits, 16-24 visits, 25+ visits, Unknown visits (for 1989 forward)
Plurality	Singleton, Twins, Triplets, Quadruplets or more, Unknown (for 1989 forward)



DATA DICTIONARY
 FIHealthCHARTS.com | Fetal Death Query System

Row, Column and Filter Variables	Description
<u>Trimester Prenatal Care Began</u>	Trimester prenatal care began - 1st Trimester, 2nd Trimester, 3rd Trimester, No prenatal care, Unknown prenatal care status (for 1989 forward)
Birth Attendant	Attendant at Delivery - Medical Doctor (MD), Doctor of Osteopathic Medicine (DO), Certified Nurse Midwife (CNM), Licensed Midwife (LM), Other, Unknown (attendant types were added over time) (for 1989 forward)
Delivery Method	Final method of delivery - Vaginal (Vaginal no prior C-section, Vaginal birth after C-section, Vaginal birth - unknown delivery history), C-Section (Primary C-section, Repeat C-section, C-section unknown delivery history), Unknown (for 2006 forward)
Birth Facility Type	Facility where delivery occurred - Hospital, Freestanding birth center, Clinic or doctor's office, Home birth, En route or other place, Unknown (for 1989 forward; changes in 2006)
Inter-pregnancy interval	Interval between births/deliveries - < 6 months, 6-11 months, 12-17 months, 18-23 months, 24-35 months, 36+ months, No prior pregnancies, Unknown (for 1989 forward)
Weight of Fetus at Delivery	Weight in grams – Low birth weight <2500 grams (expands to - <1500 grams (expands to <500, 500-749, 750-999, 1000-1249, 1250-1400 grams), 1500-2499 grams (expands to 1500-1999, 2000-2400 grams)), 2500+ grams (expands to 2500-3999, 4000+ grams), Unknown (for 1989 forward)
Clinical/Obstetric Estimate of Gestation	This is the birth attendant's estimate of the gestational age at the time of death (for 1980 forward) <32 weeks (expands to <21, 21-23, 24-25, 26-27, 28-9, 30-31 weeks); 32 – 36 weeks (expands to 32-33, 34-36 weeks); 37+ weeks (expands to 37-38, 39-40, 41-42, 43+ weeks), unknown weeks
Ethnicity	Hispanic (Central/South American, Cuban, Mexican, Other or Unknown Hispanic, Puerto Rican), Non-Hispanic or Haitian (Non-Hispanic, Haitian), Unknown (for 1989 forward; to comply with national standards starting in 2013 Central/South American was no longer used)
Race	Based on race of the mother. White, Black, Other (American Indian, Chinese, Japanese, Hawaiian, Filipino, Korean, Other races, Vietnamese, Asian Indian, Asian Other, Guam, Samoan, Other Pacific Islander, More than one race), Unknown (for 1989 forward)
<u>124 Causes of Fetal Death</u>	Cause of fetal death presents the National Center for Health Statistics' 124 causes of fetal death (for 2006 forward) Causes of fetal death became available electronically in Florida in 2006. Prior to 2006, all causes are classified as "unknown". Details including the ICD codes are found in the table at the end of this document.
Gravida	A count of all live births and terminations of pregnancies, including the current fetal death, a mother has had. 1,2,3,4,5,6,7,8,9,10,11+, Unknown (for 1989 forward)
Parity	A count of all previous live births a mother has had (not including the current fetal death) 0,1,2,3,4,5,6,7,8,9,10,11+, Unknown (for 1989 forward)
<u>Leading Rankable Causes of Fetal Death</u>	NCHS' leading rankable causes of fetal death (for 2006 forward) Causes of fetal death became available electronically in Florida in 2006. Prior to 2006, all causes are classified as "unknown". Details including the ICD codes are found in the table at the end of this document.
Residence Census Tract	Residence Census Tract by County is the mother's current residence census tract based on address as listed on fetal death certificate. - Florida residents only (for 1989 forward); data is displayed by county initially; 9999999999 is used for unknown

Row, Column and Filter Variables	Description
Residence City	Mother's Residence city – Florida residents only; data is displayed by county initially that can be expanded to show for incorporated cities of 2,400 or more population. Balance of County indicates residence was not within city limits. (for 1989 forward)
Residence County	Florida County of Residence - Lists 67 counties (for 1989 forward)
Residence Zip Code	Current residence zip code (for fetal deaths, it is the mother's current residence zip code as listed on the fetal death certificate) - Florida residents only (for 1989 forward); data is displayed by county initially and can be expanded to show zip code
Sex	Sex - Male, Female or Unknown (for 1989 forward)
Year	Year of fetal death (for 1989 forward)

Mother's Education Level

- Prior to 2006, the highest grade level completed was listed on the fetal death certificate. The number of years ranged from 0 to 17, with 17 meaning 17 years or more; 99 represented unknown education.
- Starting in 2006, the question was changed to “What was highest educational degree achieved by mother?” The responses are: 1) 8th grade or less 2) 9th-12th grade; no diploma 3) high school graduate or GED 4) Some college but no degree 5) Associate's Degree (e.g., AA, AS) 6) Bachelor's Degree (e.g., BA, AB, BS) 7) Master's Degree (e.g., MA, MS) 8) Doctorate Degree (e.g., PHD, EDD) 9) Unknown.
- Because the data are not directly comparable between the previous and current question about mother's education, the data are provided only for 2006 forward.

Mother's Smoking Status

- Starting in 1991, responses were YES and UNKNOWN.
- Starting in 2006, the responses were changed to Yes, No, Yes, but quit during pregnancy, or Unknown. The data are presented by categories of response, but there are not any “Yes, but quit during pregnancy” responses prior to 2006 since that was not an option.
- Starting in 2013, Florida's question about smoking was changed to the National Center for Health Statistics' recommended question; we ask about smoking prior to pregnancy and smoking in each trimester of pregnancy in order to determine whether the answer will be yes, no or unknown.

Trimester Prenatal Care Began

- Prior to 2006, the question directly asked what trimester prenatal care began.
- Starting in 2006, the time between the first prenatal visit and the date of delivery was calculated and used to determine the trimester prenatal care began.
- Beginning in April 2018, mothers with unknown prenatal care were excluded from the denominator in calculating the rate.

Note:

- The International Classification of Diseases Tenth Revision is used for the coding of underlying causes of death.
- In this system, all fetal deaths prior to 2006 are classified as unknown.
- The sum of the fetal deaths from all counties will not always equal the total number of resident fetal deaths due to an unknown county of residence on some records.

Descriptions and ICD-10 Codes for 124 Causes of Fetal Death		
Cause	Description	ICD-10 Code
1	Congenital syphilis	A50
2	Human immunodeficiency virus (HIV) disease	B20-B24
3	Other viral diseases	A80-B19,B25-B34
4	Other and unspecified infectious and parasitic diseases	A00-A49,A51-A79,B35-B99
5	Malignant neoplasms	C00-C97
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
7	Anemias	D50-D64
8	Short stature, not elsewhere classified	E34.3
9	Cystic fibrosis	E84
10	Other endocrine, nutritional and metabolic diseases	E00-E32,E34.0-E34.2,E34.4-E34.9,E40-E83,E85-E88
11	Meningitis	G00,G03
12	Other diseases of nervous system and sense organs	G04-H93
13	Umbilical hernia	K42
14	Other hernia	K40-K41,K43-K46
15	Other and unspecified diseases of digestive system	K00-K38,K50-K92
16	All other diseases, excluding perinatal conditions, congenital anomalies, and symptoms, signs and ill-defined conditions	D65-D89,I00-J98,L00-N98
17	Fetus affected by maternal hypertensive disorders	P00.0
18	Fetus affected by maternal renal and urinary tract diseases	P00.1
19	Fetus affected by maternal infectious and parasitic diseases	P00.2
20	Fetus affected by other maternal circulatory and respiratory diseases	P00.3
21	Fetus affected by maternal nutritional disorders	P00.4
22	Fetus affected by maternal injury	P00.5
23	Fetus affected by surgical procedure on mother	P00.6
24	Fetus affected by other medical procedures and maternal conditions	P00.7-P00.8
25	Fetus affected by unspecified maternal condition	P00.9
26	Fetus affected by incompetent cervix	P01.0
27	Fetus affected by premature rupture of membranes	P01.1
28	Fetus affected by oligohydramnios	P01.2
29	Fetus affected by polyhydramnios	P01.3
30	Fetus affected by ectopic pregnancy	P01.4
31	Fetus affected by multiple pregnancy	P01.5
32	Fetus affected by maternal death	P01.6
33	Fetus affected by malpresentation before labor	P01.7
34	Fetus affected by other and unspecified maternal complications of pregnancy	P01.8-P01.9
35	Fetus affected by placenta previa	P02.0
36	Fetus affected by other forms of placental separation and hemorrhage	P02.1
37	Fetus affected by other and unspecified morphological and functional abnormalities of placenta	P02.2
38	Fetus affected by placental transfusion syndromes	P02.3
39	Fetus affected by prolapsed cord	P02.4
40	Fetus affected by other compression of umbilical cord	P02.5
41	Fetus affected by other and unspecified conditions of umbilical cord	P02.6
42	Fetus affected by chorioamnionitis	P02.7
43	Fetus affected by other and unspecified abnormalities of membranes	P02.8-P02.9
44	Fetus affected by breech delivery and extraction	P03.0

Descriptions and ICD-10 Codes for 124 Causes of Fetal Death		
Cause	Description	ICD-10 Code
45	Fetus affected by other malpresentation, malposition and disproportion during labor and delivery	P03.1
46	Fetus affected by forceps delivery	P03.2
47	Fetus affected by delivery by vacuum extractor (ventouse)	P03.3
48	Fetus affected by cesarean delivery	P03.4
49	Fetus affected by precipitate delivery	P03.5
50	Fetus affected by abnormal uterine contractions	P03.6
51	Fetus affected by other and unspecified complications of labor and delivery	P03.8-P03.9
52	Fetus affected by noxious influences transmitted via placenta	P04
53	Slow fetal growth and fetal malnutrition	P05
54	Extremely low birth weight or extreme immaturity	P07.0,P07.2
55	Other low birth weight and preterm	P07.1,P07.3
56	Exceptionally large size and other heavy for gestational age fetus	P08.0-P08.1
57	Post-term, not heavy for gestational age fetus	P08.2
58	Intracranial laceration and hemorrhage due to birth injury and other injuries to central nervous system	P10-P11
59	Other birth trauma	P12-P15
60	Intrauterine hypoxia first noted before onset of labor	P20.0
61	Intrauterine hypoxia first noted during labor and delivery	P20.1
62	Intrauterine hypoxia, unspecified	P20.9
63	Birth asphyxia	P21
64	Congenital pneumonia	P23
65	Aspiration syndromes	P24
66	Interstitial emphysema and related conditions originating in the perinatal period	P25
67	Atelectasis	P28.0-P28.1
68	Other respiratory system disorders	P22.8-P22.9,P26-P27,P28.2-P28.9
69	Congenital rubella syndrome	P35.0
70	Congenital cytomegalovirus infection	P35.1
71	Congenital herpesviral (herpes simplex) infection	P35.2
72	Congenital viral hepatitis	P35.3
73	Bacterial sepsis	P36
74	Congenital tuberculosis	P37.0
75	Congenital toxoplasmosis	P37.1
76	Other infections specific to the perinatal period	P35.8-P35.9,P37.2-P37.9,P38-P39
77	Fetal hemorrhage	P50-P54
78	Rh isoimmunization of fetus	P55.0
79	ABO isoimmunization of fetus	P55.1
80	Other hemolytic disease of fetus	P55.8-P55.9
81	Hydrops fetalis due to hemolytic disease	P56
82	Perinatal jaundice	P57-P59
83	Hematological disorders	P60-P61
84	Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2
85	Other transitory endocrine and metabolic disorders specific to fetus	P70.3-P70.9,P71-P74
86	Digestive system disorders of fetus	P76-P78
87	Hydrops fetalis not due to hemolytic disease	P83.2
88	Fetal death of unspecified cause	P95
89	Withdrawal symptoms from maternal use of drugs of addiction	P96.1
90	Termination of pregnancy	P96.4
91	Complications of intrauterine procedures, not elsewhere	P96.5

Descriptions and ICD-10 Codes for 124 Causes of Fetal Death		
Cause	Description	ICD-10 Code
	classified	
92	All other specified conditions originating in the perinatal period	P29,P83.0-P83.1,P83.3-P83.9,P91,P94,P96.0,P96.3,P96.8
93	Condition originating in the perinatal period, unspecified	P96.9
94	Anencephaly and similar malformations	Q00
95	Encephalocele	Q01
96	Microcephaly	Q02
97	Congenital hydrocephalus	Q03
98	Reduction deformities of brain	Q04.0-Q04.3
99	Other congenital malformations of brain	Q04.4-Q04.9
100	Spina bifida	Q05
	Other congenital malformations of spinal cord and nervous system	Q06-Q07
101		
102	Congenital malformations of eye, ear, face and neck	Q10-Q18
103	Congenital malformations of heart	Q20-Q24
104	Other congenital malformations of circulatory system	Q25-Q28
105	Congenital malformations of lung	Q33
106	Other congenital malformations of respiratory system	Q30-Q32,Q34
107	Congenital malformations of digestive system	Q35-Q45
108	Congenital malformations of genital organs	Q50-Q56
109	Renal agenesis and other reduction defects of kidney	Q60
110	Cystic kidney disease	Q61
111	Other congenital malformations of urinary system	Q62-Q64
	Congenital malformations and deformations of musculoskeletal system, limbs and integument	Q65-Q85
112		
113	Conjoined twins	Q89.4
114	Multiple congenital malformations, not elsewhere classified	Q89.7
115	All other congenital malformations	Q86-Q87,Q89.0-Q89.3,Q89.8-Q89.9
116	Downs syndrome	Q90
117	Edwards syndrome	Q91.0-Q91.3
118	Patau syndrome	Q91.4-Q91.7
119	Other chromosomal abnormalities, not elsewhere classified	Q92-Q99
	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R83-R94
120		
121	Accidents (unintentional injuries)	V01-X59
122	Assault (homicide)	*U01,X85-Y09
123	Complications of medical and surgical care	Y40-Y84
124	Other external causes	Y10-Y36

Descriptions and ICD-10 Codes for Leading Rankable Causes of Fetal Death	
Description	ICD-10 Code
1. Congenital syphilis	A50
2. Human immunodeficiency virus (HIV) disease	B20-B24
3. Malignant neoplasms	C00-C97
4. In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48
5. Anemias	D50-D64
6. Short stature, not elsewhere classified	E34.3
7. Cystic fibrosis	E84
8. Meningitis	G00, G03
9. Umbilical hernia	K42
10. Fetus affected by maternal conditions which may be unrelated to present pregnancy	P00
11. Fetus affected by maternal complications of pregnancy	P01.0-P01.9
12. Fetus affected by complications of placenta, cord and membranes	P02
13. Fetus affected by other complications of labor and delivery	P03
14. Fetus affected by noxious influences transmitted via placenta	P04
15. Slow fetal growth and fetal malnutrition	P05
16. Disorders related to short gestation and low birth weight, not elsewhere classified	P07
17. Disorders related to long gestation and high birth weight	P08
18. Birth trauma	P10-P15
19. Intrauterine hypoxia and birth asphyxia	P20-P21
20. Congenital pneumonia	P23
21. Aspiration syndromes	P24
22. Interstitial emphysema and related conditions originating in the perinatal period	P25
23. Atelectasis	P28.0-P28.1
24. Congenital rubella syndrome	P35.0
25. Congenital cytomegalovirus infection	P35.1
26. Congenital herpesviral infection	P35.2
27. Congenital viral hepatitis	P35.3
28. Bacterial sepsis of fetus	P36
29. Congenital tuberculosis	P37.0
30. Congenital toxoplasmosis	P37.1
31. Fetal hemorrhage	P50-P54
32. Hemolytic disease of fetus	P55-P56
33. Perinatal jaundice	P57-P59
34. Hematological disorders	P60-P61
35. Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	P70.0-P70.2
36. Digestive system disorders of fetus	P76-P78
37. Hydrops fetalis not due to hemolytic disease	P83.2
38. Fetal death of unspecified cause	P95
39. Withdrawal symptoms from maternal use of drugs of addiction	P96.1
40. Termination of pregnancy	P96.4
41. Complications of intrauterine procedures, not elsewhere classified	P96.5
42. Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99
43. Unintentional injuries	V01-X59
44. Assault (homicide)	*U01, X85-Y09
45. Complications of medical and surgical care	Y40-Y84