

Florida Birth Defect Registry Research Data file Data Dictionary

The following table shows the most commonly used research data elements from the Florida Birth Defects Registry. The data source is the Florida Department of Health Office of Vital Statistics unless otherwise noted.

Variable name	Type	Length	Description	Value labels
1. yearcertno	Char	15	4 digit-year and state file number	
2. bth_int	Num	3	Months between current and previous pregnancy outcome	
3. BMI*	Num	2.1	Maternal BMI	
4. bth_mo	Num	2	Infant's birth month	
5. bth_ord	Num	2	Order of birth for multiple gestations	
6. bth_yr	Num	4	Infant's birth year	
7. bw_gm	Num	6	Birth weight in grams	
8. calc_gestage	Num	2	Calculated gestational age	
9. cdob	Date mdy10.		Infant's date of birth	
10. county	Num	3	Mother's resident county	Attachment B
11. diab_nonspecific	Num	1	Maternal diabetes	0='None' 1='Yes' 88='N/A' 99='Unknown'
12. diab_Chronic	Num	1	Maternal pre-pregnancy diabetes	0='None' 1='Yes' 88='N/A' 99='Unknown'
13. diab_gestational	Num	1	Maternal gestational diabetes	0='None' 1='Yes' 88='N/A' 99='Unknown'
14. dlmb	Date mdy10.		Date last normal menses began	
15. D_age	Num	3	Age of infant at death	
16. D_agecode	Num	1	Age code of infant at death	0='years' 2='months' 4='days' 5='hours' 6='minutes' 99='unknown'
17. Facility_level	Num	1	From AHCA level of NICU beds	Attachment C
18. factype_code	Num	2	Type of birthing facility	1='Hospital' 2='Birth Center'

				3='Home Birth-planned or unplanned'
				4='Clinic/Dr office'
				5='Enrourte/other'
				99='Unknown'
19. fage	Num	3	Paternal age at delivery	
20. fdob	Date	mdy10.	Father's date of birth	
21. feduc	Num	2	Father's education level at delivery	1='8 grade or less'
				2='9-12 grade no diploma'
				3='High school diploma/GED'
				4='Some college no degree'
				5='Associate Degree'
				6='Bachelors Degree'
				7='Advanced degree'
				99='Unknown/Missing'
22. fethn	Num	2	Father's ethnicity	0='Non-Hispanic'
				1='Mexican'
				2='Puerto Rican'
				3='Cuban'
				4='Central/So Amer'
				5='Other Hispanic'
				6='Haitian'
				99='Unknown'
23. frace	Num	2	Father's race	1='White'
				2='Black'
				3='American Indian'
				4='Chinese'
				5='Japanese'
				6='Hawaiian'
				7='Filipino'
				8='Other Asian/Pacific Islander'
				9='Other Race'
				20='Multiple race'
				99='Unknown'
24. ga_clin	Num	3	Clinical estimate of gestation in weeks	
25. hyptn_chronic	Num	1	Maternal hypertension	0='None'

26. hyptn_preg	Num	1	Pregnancy-related hypertension	1='Yes' 88='N/A' 99='Unknown' 0='None' 1='Yes' 88='N/A' 99='Unknown'
27. hyptn_eclampsia	Num	1	eclampsia hypertension	0='None' 1='Yes' 88='N/A' 99='Unknown'
28. Inf_death	num	1	Infant has linked death certificate	0='No' 1='Yes'
29. Kotelchuck*	Num	2	Calculated Kotelchuck score	
30. lbl	Num	2	Previous number of live births living	
31. lbd	Num	2	Previous number of live births dead	
32. mage	Num	3	Maternal age at delivery	
33. married	Num	1	Mother's marital status at delivery	0='No' 1='Yes' 2='Widow' 99='Unknown'
34. mbircountry	Char	9	Mother's country of birth	'United States' 'Puerto Rico' 'Virgin Islands' 'Guam' 'Candada' 'Cuba' 'Mexico' 'Remainder' 'Unknown'
35. mdob	Date	mdy10.	Mother's date of birth	
36. meduc	Num	2	Mother's education level at delivery	1='8 grade or less' 2='9-12 grade no diploma' 3='High school diploma/GED' 4='Some college no degree' 5='Associate Degree' 6='Bachelors Degree'

				7='Advanced degree' 99='Unknown/Missing'
37. methn	Num	2	Mother's ethnicity	0='Non-Hispanic' 1='Mexican' 2='Puerto Rican' 3='Cuban' 4='Central/So Amer' 5='Other Hispanic' 6='Haitian' 99='Unknown'
38. mode	Num	1	Method of delivery	1='Vaginal' 2='Caesarean' 99='Unknown'
39. mrace	Num	2	Mother's race	1='White' 2='Black' 3='American Indian' 4='Chinese' 5='Japanese' 6='Hawaiian' 7='Filipino' 8='Other Asian/Pacific Islander' 9='Other Race' 20='Multiple race' 99='Unknown'
40. msmoke	Num	1	Mother's smoking status	0='No' 1='Yes' 2='Quit during pregnancy' 99='Unknown'
41. m_hgt*	Num	3	Maternal height in inches (births after 3/2004)	
42. othterms	Num	2	Number of other pregnancy outcomes	
43. pay *	Num	1	Delivery payment source	1='Medicaid' 2='Private Insurance' 3='Self-pay' 8='Other' 9='Unknown' 88='Not Available'
44. plurality	Num	2	Plurality	

45. pnc_mon*#	Num	2	Month of pregnancy PNC began	
46. pnc_visits*#	Char	2	Total number of PNC visits	
47. pre_preg_wt*	Num	3	Maternal pre-pregnancy weight in lbs	
48. rgindex*	Num	2	Calculated RGindex	Attachment C
49. sex	Num	2	Infant sex	1='Male'
				2='Female'
				99='Unknown'

* Data only available for live births after March 2004

Variable created by combining data fields from different birth certificate versions

Birth Defect Condition Variable Names

Numeric Variable Coded as '1' if the infant has been identified with the selected birth defect condition; otherwise the cell will be coded with 0; indicating the infant does not have the birth defect selected.

Anencephalus	anencephaly
Spina bifida without anencephalus	spinabifida
Hydrocephalus without spina bifida	hydrocephalus_wo_SB
Encephalocele	encephalocele
Microcephalus	microcephalus
Anophthalmia/microphthalmia	anophthalmia_microphthalmia
Congenital cataract	congenital_cataract
Aniridia	aniridia
Anotia/microtia	anotia_microtia
Common truncus	common_truncus
Transposition of great arteries	TGA
Tetralogy of Fallot	TOF
Ventricular septal defect	ventricular_SD
Atrial septal defect	atrial_SD
Endocardial cushion defect	Endocardial_Cusion
Pulmonary valve atresia and stenosis	Pulmonary_atresiastenosis
Tricuspid valve atresia and stenosis	Tricuspid_atresiastenosis
Ebstein's anomaly	ebstein_anomaly
Aortic valve stenosis	aortic_valve
Hypoplastic left heart syndrome	HLHS
Coarctation of aorta	Coarc_aorta
Cleft palate without cleft lip	CPwoCL
Cleft lip with and without cleft palate	CLw_woCP
Choanal atresia	choanal_atresia
Esophageal atresia/tracheoesophageal fistula	Esophageal_atresiafistula
Rectal and large intestinal atresia/stenosis	Rectal_intestine_atresiastenosis
Pyloric stenosis	pyloric_stenosis
Hirschsprung's disease (congenital megacolon)	hirschsprung
Biliary atresia	biliary_atresia
Renal agenesis/hypoplasia	renal_agenesishypoplasia
Bladder exstrophy	bladder_extrsophy
Obstructive genitourinary defect	obstruc_genitourinary
Hypospadias and Epispadias	Hypo_epi_spadia
Reduction deformity: upper limbs	RD_upper
Reduction deformity: lower limbs	RD_lower
Gastroschisis/Omphalocele	gastro_omph
Congenital hip dislocation	Congenital_hip
Diaphragmatic hernia	diaphragmatic_hernia
Trisomy 13	tri_13
Down syndrome	Downs
Trisomy 18	tri_18

Attachment A

The following is a list of “reportable” birth defect conditions with inclusion/exclusion criteria:

Birth Defect Category	Inclusion Criteria	ICD-9-CM code	Exclusion codes
Anencephalus		740.0; 740.1	
Spina Bifida without anencephalus		741.0; 741.9	740.0, 740.1
Hydrocephalus without spina bifida		742.3	741.0,741.9
encephalocele		742.0	
microcephalus		742.1	
anophthalmia/microphthalmia		743.0; 743.1	
congenital cataract		743.30-743.34	
aniridia		743.45	
Anotia/microtia		744.01; 744.23	
Common truncus		745.0	
Transposition of great arteries		745.1	
Tetralogy of Fallot		745.2	
Ventricular septal defect		745.4	
Endocardial cushion defect		745.6	
pulmonary valve atresia and stenosis		746.01; 746.02	
tricuspid valve atresia and stenosis		746.1	
Ebstein's anomaly		746.2	
Aortic valve stenosis		746.3	
Hypoplastic left heart syndrome		746.7	
Coarctation of aorta		747.10	
Cleft palate without cleft lip		749.0	
Cleft lip with and without cleft palate		749.1; 749.2	
Choanal atresia		748.0; 750.3	
Esophageal atresia/tracheoesophageal fistula		751.2	
Rectal and large intestinal atresia/stenosis		750.5	
Pyloric Stenosis		751.3	
Hirshsprung's disease (Congenital Megacolon)		751.61	
Biliary Atresia		753.0	
Renal agenesis/hypoplasia		753.5	
Bladder exstrophy		753.2	
Obstructive genitourinary defect		752.62	
Epispadias		752.61	
Hypospadias		755.2	
Reduction deformity, Upper limbs		755.3	
Reduction deformity, Lower limbs		756.79; 756.73	
Gastroschisis	Procedure code: 54.71	754.3	
Congenital hip dislocation		756.6	
diaphragmatic hernia		758.1	
Trisomy 13		758.0	
Down syndrome (Trisomy 21)		758.2	
Trisomy 18			

Attachment B
Vital Statistics Florida County Code Data Dictionary

11	ALACHUA
12	BAKER
13	BAY
14	BRADFORD
15	BREVARD
16	BROWARD
17	CALHOUN
18	CHARLOTTE
19	CITRUS
20	CLAY
21	COLLIER
22	COLUMBIA
24	DESOTO
25	DIXIE
26	DUVAL
27	ESCAMBIA
28	FLAGLER
29	FRANKLIN
30	GADSDEN
31	GILCHRIST
32	GLADES
33	GULF
34	HAMILTON
35	HARDEE
36	HENDRY
37	HERNANDO
38	HIGHLANDS
39	HILLSBOROUGH
40	HOLMES
41	INDIAN RIVER
42	JACKSON
43	JEFFERSON
44	LAFAYETTE
45	LAKE

46	LEE
47	LEON
48	LEVY
49	LIBERTY
50	MADISON
51	MANATEE
52	MARION
53	MARTIN
23	MIAMI-DADE
54	MONROE
55	NASSAU
56	OKALOOSA
57	OKEECHOBEE
58	ORANGE
59	OSCEOLA
60	PALM BEACH
61	PASCO
62	PINELLAS
63	POLK
64	PUTNAM
65	ST JOHNS
66	ST LUCIE
67	SANTA ROSA
68	SARASOTA
69	SEMINOLE
70	SUMTER
71	SUWANNEE
72	TAYLOR
73	UNION
74	VOLUSIA
75	WAKULLA
76	WALTON
77	WASHINGTON
99	UNKNOWN

Attachment C

Facility_Level Data Values - Based upon Florida's Agency for Health Care Administration and Florida's DOH, Children Medical Services

0=Births <25 and no Level 2 Neonatal Intensive Care Beds nor Level 3 Neonatal Intensive Care Beds

1=Births 25+ and no Level 2 Neonatal Intensive Care Beds nor Level 3 Neonatal Intensive Care Beds

2=Level 2 Neonatal Intensive Care Beds are Present

3=Level 3 Neonatal Intensive Care Beds are Present

99997= Other/Unspecified

99999 = Unknown

Rgindex Data Values

1=Intensive Care Utilization - Prenatal Care Started in 1st Trimester

2=Intensive Care Utilization - Prenatal Care Started in 2nd Trimester

3=Intensive Care Utilization - Prenatal Care Started in 3rd Trimester

4=Adequate Prenatal Care Utilization - Prenatal Care Started in 1st Trimester

5=Intermediate Prenatal Care Utilization - Prenatal Care Started in 1st Trimester

6=Intermediate Prenatal Care Utilization - Prenatal Care Started in 2nd Trimester

7=Inadequate Prenatal Care Utilization - Prenatal Care Started in 1st Trimester

8=Inadequate Prenatal Care Utilization - Prenatal Care Started in 2nd Trimester

9=Inadequate Prenatal Care Utilization - Prenatal Care Started in 3rd Trimester

10=No Prenatal Care Utilization

11=Missing Prenatal Care Criteria

88=Unable to calculate