

# Fetal Death Data Training

December 2012

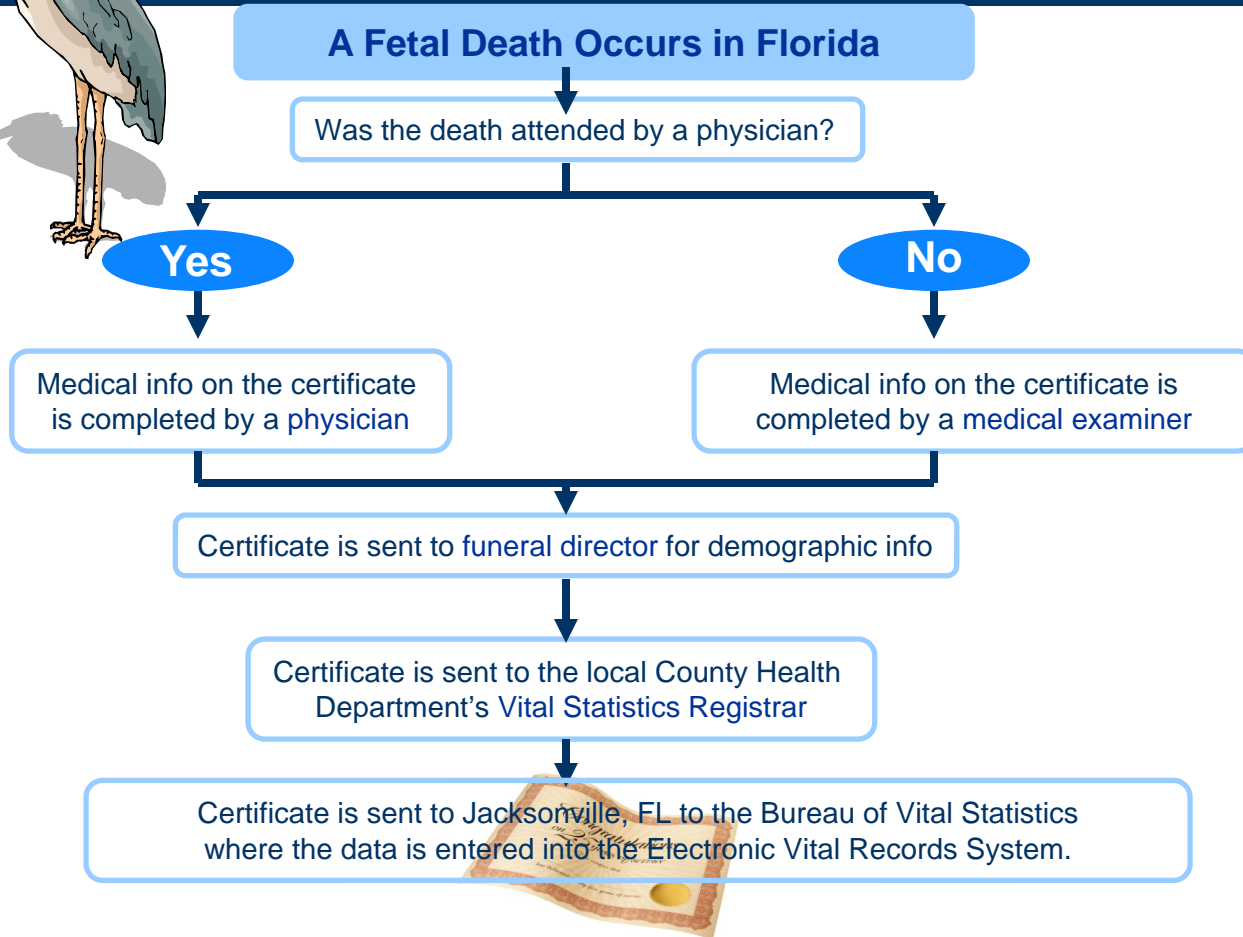
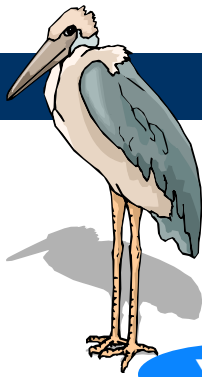
The Bureau of Vital Statistics  
and  
The Bureau of Community  
Health Assessment



# Definition of Fetal Death

Fetal death means death prior to the complete expulsion or extraction of a product of human conception from its mother if the 20th week of gestation has been reached and the death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (s. 382.002 (7), F.S.).

# The Fetal Death Data Journey



# The Fetal Death Data Journey

- Certificates can be altered or amended only through the Bureau of Vital Statistics.
- Florida does NOT receive fetal death certificates from other states.

## Fetal Death Certificate Revisions

- The most recent version of the Florida fetal death certificate was implemented in 2006.
- The last major revision prior to this was implemented in January of 1989.

## **Electronic Fetal Death Certificate**

Currently, there is no electronic Florida fetal death certificate.

# Provisional vs. Final Data

- Provisional data may be subject to multiple revisions and amendments.
  - Fetalmaster and the CHD Fetal Death Repository are updated nightly
- Final data will not be changed after a defined point in time.
  - Fetalstat is updated once a year
  - Fetal death data on FloridaCHARTS and fetal death data listed in the *Florida Vital Statistics Annual Report* match Fetalstat for a given year

# Confidentiality



- Florida Statute 382.008(6) states that all information relating to cause of fetal death, the parentage, marital status, and medical information included in all fetal death records of this state are confidential.
- Persons accessing Florida's fetal death data must sign an approved Data Use Agreement and agree not to share the data with anyone and to only use the data for the purpose specified in the agreement.
- Persons who sign the Agreement should only release aggregate data.
- Any breaches of confidentiality can be treated as a 3<sup>rd</sup> degree felony.



# Fetal Death Codebook

The fetal death codebook provides details about each field in the fetalmaster and fetalstat files:

- **Field name**
- **Data type** (int, smallint, datetime, char, or varchar) **and length**
- **Item number** on the fetal death certificate
- The range of **years** data for the field was **collected**
- The **availability** of the field in the master, stat, or repository files
- A brief **definition** of what the field represents
- A **description** of what appears in the fields (names, numeric codes, dates, etc.)

## Resident vs. Recorded fetal deaths

- To query fetal deaths that occurred to residents of Florida (*resident fetal deaths*):

MOTHER\_RES\_STATE\_CODE = '10'

State of residence

- To query fetal deaths that occurred in Florida to both in-state and out-of-state residents (*recorded fetal deaths*):

BSTATE\_CODE='10'

State of fetal death

# Race Fields

Beginning in 2006, the Florida fetal death certificate allows for selection of multiple races.

15 Separate Race Fields: White, Black, American Indian/Alaskan Native, Chinese, Japanese, Hawaiian, Filipino, Korean, Other Races, Vietnamese, Asian Indian, Asian Other, Guamanian/Chamorro, Samoan, Pacific Islander



# Calculated Fields

There are calculated fields in Florida's fetal death data:

- MOTHER\_CALCULATEDRACE
- MOTHER\_CALCULATEDHISP
- BIRTH\_INTERVAL
- CALC\_MONTHOFPRENATALBEGAN
- PREPREGNANCY\_BMI
- CALCULATEDGESTATIONALAGE
- WEIGHTGAIN

# Calculated Fields

**MOTHER\_CALCULATEDRACE:** combines the 15 separate race fields into one coded field. Codes for Multi-Race and Unknown are also included:

01 = White

02 = Black

03 = American Indian/Alaskan Native

04 = Chinese

05 = Japanese

06 = Hawaiian

07 = Filipino

08 = Korean

09 = Other Races

10 = Vietnamese

11 = Asian Indian

12 = Asian Other

13 = Guam

14 = Samoan

15 = Pacific Islander

20 = More than One Race

99 = Unknown

# Calculated Fields

**CALCULATEDHISP:** combine the 8 separate ethnicity fields into one coded field

00=Not Hispanic and Not Haitian

01=Mexican

02=Puerto Rican

03=Cuban

05=Other or Unknown Hispanic

06=Haitian

09=Not classifiable

Ethnicities previously classified as code '04-Central/South American' are now aggregated into '05-Other or Unknown Hispanic'.

# County Fields

- Most County Code fields use numeric codes 11 to 77 to represent Florida's 67 counties:
  - MOTHER\_RES\_COUNTY\_CODE
  - BCOUNTY\_CODE
- One County Code field, BCHDCOUNTY\_CODE, uses numeric codes 01-67

## Old Fields in the fetal death data

It is necessary to have both “old” and “new” fields so that historical data could be stored in the same data table as new data (e.g. when prenatal care began).

Consult the Fetal Death Codebook for explanations of the old and new fields.



# Old Fields

- OLD\_FETUSRACE
- OLD\_IDUCABORT
- OLD\_MEDHISTORY
- OLD\_ALCUSE
- ALCOHOL\_DRINKS
- OLD\_COMPLABOR
- OLD\_OBPROC
- MOTHER\_OLD\_EDCODE is now MOTHER\_EDCODE
- OLDMONTHPRENATBEGIN is now CALC\_MONTHHOFPRENATALBEGAN
- OLD\_MOTHERRACE is now MOTHER\_CALCULATEDRACE
- OLD\_FATHERRACE
- METHOD\_OF\_DELIVERY\_LIT
- OLD\_CONGANOM

# Websites

- [FloridaCHARTS](#)
- [FloridaCHARTS Infant Death Query System](#)
- [NCHS Cause of Death Manual](#)
- [ICD Online Code Manual](#)
- [Florida Vital Statistics Annual Report Online](#)
- [Vital Statistics Code Manuals on the Internet](#)