Committee Approval Date:
Public Health Work Group: Oct 8, 2020

Publishing Lead:
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Contributing or Reviewing Work Groups:
Public Health Work Group
Orders and Observations

FHIR Development Project Insight ID:
1616

Scope of coverage:
The scope of this HL7 FHIR BFDR IG will include the content of medical/health information on live births and fetal deaths for select state and federal birth and fetal death reporting, as indicated in the 2003 Revision of the U.S. Standard Certificate of Live Birth and the U.S. Standard Report of Fetal Death. Additionally, it will include the content that is exchanged between EHRs, jurisdictions, and NCHS. In the case of fetal death, return coded cause of death, and race and ethnicity information back to the state.

Content location:
https://github.com/HL7/fhir-bfdr

Proposed IG realm and code:
us/bfdr

Maintenance Plan:
National Centre for Health Statistics will be responsible for ongoing maintenance through the Public Health Work Group.

Short Description:

Long Description:
The Birth and Fetal Death (BFDR) FHIR IG provides guidance to implementers and states on reporting birth and fetal death information based on the current revisions of the U.S. Standard Certificate of Live Birth and U.S. Standard Report of Fetal Death.
The scope of this HL7 FHIR BFDR IG includes the content of medical/health information on live births and fetal deaths for state and federal birth and fetal death reporting, as indicated in the 2003 Revision of the U.S. Standard Certificate of Live Birth and the U.S. Standard Report of Fetal Death. Additionally, it includes the content that is exchanged between EHRs, jurisdictions, and NCHS. In the case of fetal death, it includes a return of coded cause of death, and race and ethnicity information, back to the state.

Involved parties:
National Center for Health Statistics (NCHS)

Expected implementations:
Three states (Georgia, Michigan, and Utah) are involved in the pilot program, along with Genesis Systems, Altarum, and Epic. All of the aforementioned entities participated in the FHIR Connectathon 25 (see Birth & Fetal Death Reporting (BFDR) for details).

Content sources:
- Deletion of Data Items from the Birth and Fetal Death National Files
- Mother’s Worksheet for Child’s Birth Certificate
- Facility Worksheets Guide
- Vital Records Mortality and Morbidity Reporting FHIR Implementation Guide

Example Scenarios:
Example scenarios include, but are not limited to:
- reporting a live birth from a provider to a jurisdiction
- reporting a fetal death from a provider to a jurisdiction
- reporting a live birth from jurisdiction to NCHS
- reporting a fetal death from a jurisdiction to NCHS

IG Relationships:
US Core
Vital Records Common Profile Library

Timelines:
- work on the IG began in early 2020
- tested at FHIR Connectathon in September 2020
- STU ballot in January 2021
- ballot reconciliation Jan - May 2021
- STU publication spring/summer 2021

FMG Notes