Healthy Start Monitoring and Evaluation Data System (HSMED)

**Data Dictionary and XML Schema   
Implementation Guide  
 Healthy Start Screening Tool 2: Pregnancy History**Version 2.2  
Version Date: Feb 17, 2017

Submitted to:

Health Resources and Services Administration Maternal and Child Health Bureau logo
  
Health Resources and Services Administration

Maternal and Child Health Bureau

5600 Fishers Lane

Rockville, MD 20857

Submitted by:



DSFederal, Inc.

11900 Parklawn Drive, Suite #406

Rockville, MD 20852

**DISCLOSURE LEGEND**

This document includes data that shall not be disclosed outside the government and shall not be duplicated, used, or disclosed in whole or in part for any purpose other than for which it was intended. The restriction does not limit the Government’s right to use information contained in these data if they are obtained from another source without restriction. The data subject to this restriction are contained in sheets marked as restricted.

Element Index

[**Element name**: AdminDate 3](#_Toc474938284)

[**Element name**: IsPregnantId 3](#_Toc474938285)

[**Element name**: WeekPregnantCount 3](#_Toc474938286)

[**Element name**: MonthPregnantCount 4](#_Toc474938287)

[**Element name**: WeekMonthCountDRId 4](#_Toc474938288)

[**Element name**: BeenPregnantIncludingCount 4](#_Toc474938289)

[**Element name**: BeenPregnantIncludingCountDRId 5](#_Toc474938290)

[**Element name**: PrevPregnancyDeclined 5](#_Toc474938291)

[**Element name**: HadCSectionId 5](#_Toc474938292)

[**Element name**: ComplicationPregId 6](#_Toc474938293)

[**Element name**: PregProblemsList 7](#_Toc474938294)

[**Element name**: OtherPregProblem 8](#_Toc474938295)

[**Element name**: BornThreeWeeksId 8](#_Toc474938296)

[**Element name**: BornThreeWeeksCount 8](#_Toc474938297)

[**Element name**: LessThanFivePoundsId 9](#_Toc474938298)

[**Element name**: LessThanFivePoundsCount 9](#_Toc474938299)

[**Element name**: BabyStayedInHospitalId 9](#_Toc474938300)

[**Element name**: BabyStateInHospitalReason 10](#_Toc474938301)

[**Element name**: ChildrenLiveWithYouId 10](#_Toc474938302)

[Previous Pregnancy 10](#_Toc474938303)

[**Element name**: NumOfLiveBirth 10](#_Toc474938304)

[**Element name**: DateOfLastBirth 11](#_Toc474938305)

[**Element name**: DateOfMiscarriage 11](#_Toc474938306)

[**Element name**: DateOfTubePreg 11](#_Toc474938307)

[**Element name**: DateOfAbortion 11](#_Toc474938308)

[**Element name**: NumOfStillBirth 12](#_Toc474938309)

[**Element name**: DateOfStillBirth 12](#_Toc474938310)

## **Element name**: AdminDate

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date on which tool was administered (F2) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <AdminDate>2/3/2016</AdminDate> |

## **Element name**: IsPregnantId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "Are you pregnant now?" (F2.1) |
| **Required field** | Yes |
| **Lookup table if available** | YesNo\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Don't Know  4 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 1 per client |
| **XML example** | <IsPregnantId>4</IsPregnantId> |

## **Element name**: WeekPregnantCount

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "How many weeks or months pregnant are you now?" (F2.1.1) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-45 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <WeekPregnantCount>1</WeekPregnantCount> |

## **Element name**: MonthPregnantCount

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "How many weeks or months pregnant are you now?" (F2.1.1) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-11 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <MonthPregnantCount>1</MonthPregnantCount> |

## **Element name**: WeekMonthCountDRId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "How many weeks or months pregnant are you now?" if Don"t Know or Declined to Answer was the response. (F2.1.1) |
| **Required field** | No |
| **Lookup table if available** | DontknowRefused\_Lkup |
| **Allowed values** | 1=Don’t know  2=Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <WeekMonthCountDRId>2</WeekMonthCountDRId> |

## **Element name**: BeenPregnantIncludingCount

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "How many times have you been pregnant in your life?" (F2.2) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-20 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BeenPregnantIncludingCount>0</BeenPregnantIncludingCount> |

## **Element name**: BeenPregnantIncludingCountDRId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Client's answer to the question, "How many times have you been pregnant in your life?" (F2.2) |
| **Required field** | No |
| **Lookup table if available** | DontknowRefused\_Lkup |
| **Allowed values** | 1=Don’t know  2=Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BeenPregnantIncludingCountDRId>2</BeenPregnantIncludingCountDRId> |

## **Element name**: PrevPregnancyDeclined

| **Field** | **Description** |
| --- | --- |
| **Definition** | Declined to answer how previous pregnancies ended (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | true, false Or 1, 0 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <PrevPregnancyDeclined>false </PrevPregnancyDeclined> |

## **Element name**: HadCSectionId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer given by client in response to the question: "Did you ever have a baby by cesarean delivery or C-section?" (F2.4) |
| **Required field** | No |
| **Lookup table if available** | YesNo\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Don't Know  4 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <HadCSectionId>3</HadCSectionId> |

## **Element name**: ComplicationPregId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer given by client in response to the question: "Did you have any problems or complications with any of your past pregnancies?" (F2.5) |
| **Required field** | No |
| **Lookup table if available** | YesNo\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Don't Know  4 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <ComplicationPregId>4</ComplicationPregId> |

## **Element name**: PregProblemsList

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer given by client in response to the question: "Which of the following problems did you have during you most recent pregnancy?" (F2.5.1) |
| **Required field** | No |
| **Lookup table if available** | PregProblemsType\_Lkup |
| **Allowed values** | 1 = Vaginal bleeding  2 = Kidney or bladder (urinary tract) infection (UTI)  3 = Severe nausea, vomiting, or dehydration that sent me to the doctor or hospital  4 = Cervix had to be sewn shut (cerclage for incompetent cervix)  5 = High blood pressure, hypertension (including pregnancy-induced hypertension [PIH]), preeclampsia, or toxemia  6 = Problems with the placenta (such as abruptio placentae or placenta previa)  7 = HIV, Herpes, or HPV  8 = Labor pains more than 3 weeks before my baby was due (preterm or early labor)  9 = Water broke more than 3 weeks before my baby was due (premature rupture of membranes [PROM])  10 = I had to have a blood transfusion  11 = I was hurt in a car accident  12 = Other  13 = Declined to answer |
| **Allow multiple values** | Yes |
| **Occurrence** | 0-1 per client |
| **XML example** | <PregProblemsList>  <PregProblems>  <PregProblemsTypeId>4</PregProblemsTypeId>  </PregProblems>  <PregProblems>  <PregProblemsTypeId>12</PregProblemsTypeId>  </PregProblems>  </PregProblemsList> |

## **Element name**: OtherPregProblem

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer provided by the client when "Other: Please specify" was selected in response to Question 5 on the Pregnancy History tool. (F2.5.1) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Text string that allows a maximum of 250 characters |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <OtherPregProblem>a</OtherPregProblem> |

## **Element name**: BornThreeWeeksId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer provided by the client in response to the question: "Were any of your babies born more than 3 weeks before his or her due date?" (F2.6) |
| **Required field** | No |
| **Lookup table if available** | YesNo\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Don't Know  4 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BornThreeWeeksId>4</BornThreeWeeksId> |

## **Element name**: BornThreeWeeksCount

| **Field** | **Description** |
| --- | --- |
| **Definition** | For clients who responded "Yes" to Question 6 on the Pregnancy History Tool, the number provided for ". . . Please specify how many" [number of babies born more than three weeks before due date] (F2.6) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-20 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BornThreeWeeksCount>0</BornThreeWeeksCount> |

## **Element name**: LessThanFivePoundsId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer provided by the client in response to the question "Did any of your babies weigh less than 5 pounds, 8 ounces at birth? (F2.7) |
| **Required field** | No |
| **Lookup table if available** | YesNo\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Don't Know  4 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <LessThanFivePoundsId>3</LessThanFivePoundsId> |

## **Element name**: LessThanFivePoundsCount

| **Field** | **Description** |
| --- | --- |
| **Definition** | For clients who responded "Yes" to Question 7 on the Pregnancy History Tool, the number provided for ". . . Please specify how many" [number of babies who weighed less than 5 pounds, 8 ounces at birth] (F2.7) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-20 |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <LessThanFivePoundsCount>0</LessThanFivePoundsCount> |

## **Element name**: BabyStayedInHospitalId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer provided by the client in response to the question: "Did any of your babies stay in the hospital after you came home?"(F2.8) |
| **Required field** | No |
| **Lookup table if available** | YesNoDeclined\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BabyStayedInHospitalId>2</BabyStayedInHospitalId> |

## **Element name**: BabyStateInHospitalReason

| **Field** | **Description** |
| --- | --- |
| **Definition** | For clients who responded "Yes" to Question 8 on the Pregnancy History Tool, the answer provided for ". . . Please specify reason." [Reason baby(ies) stayed in the hospital after you came home] (F2.8) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Text string that allows a maximum of 250 characters |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <BabyStateInHospitalReason>a</BabyStateInHospitalReason> |

## **Element name**: ChildrenLiveWithYouId

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer provided by the client in response to the question: "Are all of your children living with you?" (F2.9) |
| **Required field** | No |
| **Lookup table if available** | YesNoDeclined\_Lkup |
| **Allowed values** | 1 = Yes  2 = No  3 = Declined to answer |
| **Allow multiple values** | No |
| **Occurrence** | 0-1 per client |
| **XML example** | <ChildrenLiveWithYouId>3</ChildrenLiveWithYouId> |

## Previous Pregnancy

**The elements below describe multiple pregnancies (up to 5) for each client.**

**Note: An example of presenting multiple previous pregnancy is given in the XML sample for data element “NumOfLiveBirth.”**

## **Element name**: NumOfLiveBirth

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer for number of live births given by the client in response to the question, "Tell me how your previous pregnancies ended." (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-99 |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <PrevPregnancyList>  <PrevPregnancy>  <NumOfLiveBirth>0</NumOfLiveBirth>  <DateOfLastBirth>2/24/2016</DateOfLastBirth>  <DateOfMiscarriage>2/24/2016</DateOfMiscarriage>  <DateOfTubePreg>2/24/2016</DateOfTubePreg>  <DateOfAbortion>2/24/2016</DateOfAbortion>  <NumOfStillBirth>0</NumOfStillBirth>  <DateOfStillBirth>2/24/2016</DateOfStillBirth>  </PrevPregnancy>  <PrevPregnancy>  <NumOfLiveBirth>0</NumOfLiveBirth>  <DateOfLastBirth>2/24/2016</DateOfLastBirth>  <DateOfMiscarriage>2/24/2016</DateOfMiscarriage>  <DateOfTubePreg>2/24/2016</DateOfTubePreg>  <DateOfAbortion>2/24/2016</DateOfAbortion>  <NumOfStillBirth>0</NumOfStillBirth>  <DateOfStillBirth>2/24/2016</DateOfStillBirth>  </PrevPregnancy>  </PrevPregnancyList> |

## **Element name**: DateOfLastBirth

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date of last live birth (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <DateOfLastBirth>5/6/2016</DateOfLastBirth> |

## **Element name**: DateOfMiscarriage

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date of last miscarriage (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <DateOfMiscarriage>1/1/2011</DateOfMiscarriage> |

## **Element name**: DateOfTubePreg

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date of last tubal pregnancy (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <DateOfTubePreg>1/1/2011</DateOfTubePreg> |

## **Element name**: DateOfAbortion

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date of last abortion (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <DateOfAbortion>1/1/2011</DateOfAbortion> |

## **Element name**: NumOfStillBirth

| **Field** | **Description** |
| --- | --- |
| **Definition** | Answer for number of fetal deaths or stillborns given by the client in response to the question, "Tell me how your previous pregnancies ended." (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | An integer value between 0-99 |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <NumOfStillBirth>0</NumOfStillBirth> |

## **Element name**: DateOfStillBirth

| **Field** | **Description** |
| --- | --- |
| **Definition** | Date of stillbirth (F2.3) |
| **Required field** | No |
| **Lookup table if available** | N/A |
| **Allowed values** | Date with a format of mm/dd/yyyy |
| **Allow multiple values** | No |
| **Occurrence** | 0-5 per client |
| **XML example** | <DateOfStillBirth>1/1/2011</DateOfStillBirth> |