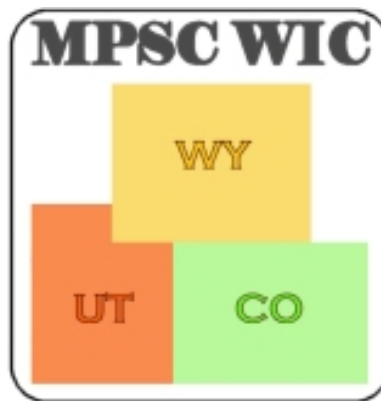


---

# Mountain Plains States Consortium WIC System Project

## DETAILED FUNCTIONAL DESIGN DOCUMENT CLINIC SERVICES INTERFACE WITH PRAMS

*Presented to:*



Revision Date: January 7, 2011

*Prepared by*

**ciber**

650 Wilson Lane, Suite 200  
Mechanicsburg, PA 17055  
717.691.5500

CO Contract #WIC0601052  
CIBER Project #CODPH00201

---

Products and company names mentioned herein may be the trademarks or registered trademarks of their respective owners. Unmentioned brands or company names are also respected with their own registered trademarks. Some content may be a direct translation from their Web sites.

## Document Revisions

Revision Date	Updated By	Requested By	Description of Revision

# Table of Contents

- 1 Pregnancy Risk Assessment Monitoring System (PRAMS) Interface ..... 4**
  - 1.1 Summary ..... 4
  - 1.2 Functionality/Responsibility..... 4
    - 1.2.1 Assumptions and Notes .....4
  - 1.3 Technical Details ..... 4
  - 1.4 Extract and Load Files ..... 5
    - 1.4.1 Attributes .....5
    - 1.4.2 Processing Logic Details.....5
    - 1.4.3 PRAMS Input File.....5
    - 1.4.4 Output File with Appended Data ..... 6

# 1 Pregnancy Risk Assessment Monitoring System (PRAMS) Interface

Design based on: MPSC design sessions and final design review, 12/2007

## 1.1 Summary

The Pregnancy Risk Assessment Monitoring System (PRAMS) run by the Centers for Disease Control (CDC) and state health agencies collects state-specific data regarding maternal attitudes and experiences before, during, and after pregnancy. This interface involves taking a file provided by PRAMS containing names, birth dates, and birth certificate numbers of recently born infants in the state and appending additional data for infants found in the MPSC WIC system.

## 1.2 Functionality/Responsibility

The following bullet points describe the functionality and responsibilities of the interface between WIC and PRAMS:

- PRAMS provides a file containing the first name, middle name, last name, birth date, and birth certificate number of babies born recently in the state.
- The state DBA manually initiates a batch process to find infants from the PRAMS file in the WIC system and append endorser name, address, and phone number information.
- The state DBA returns the file with the appended information to PRAMS.

### 1.2.1 Assumptions and Notes

1. Not all infants in the PRAMS file may be in the OLTP database. For those not found, no data is appended, but the original PRAMS information for those infants is included in the final file returned to PRAMS.
2. Numeric fields are right justified and zero filled.

## 1.3 Technical Details

The data files are sent and received by either a common directory that is accessible by each system or by manual file transfer (i.e. email).

## 1.4 Extract and Load Files

### 1.4.1 Attributes

<b>How Initiated</b>	Batch, manual
<b>Run Frequency</b>	As needed
<b>Affected Data</b>	None
<b>Staff</b>	State DBA
<b>External Organizations</b>	PRAMS/Centers for Disease Control (CDC)
<b>Period Covered</b>	N/A
<b>Inputs</b>	File with infant name, birth date, and birth certificate number
<b>Outputs</b>	Flat file
<b>Prerequisites</b>	None
<b>Effect on Other Processes</b>	None

### 1.4.2 Processing Logic Details

PRAMS provides the names, birth dates, and birth certificate numbers for babies recently born in a particular state, as defined in the record layout for the input file in the next section. These records must be compared to infant records in the MPSC WIC system. For matching records (exact match on First Name, Last Name and Birth Date), the process appends endorser and address information and produces the output file.

This interface excludes investigation family related data.

File names, passwords, and server information will be based on the following system parameters:

Batch.CSINTPRAMSIIn.Output.Path

Batch.CSINTPRAMSIIn.Output.FileName

Batch.CSINTPRAMSOOut.Output.Path

Batch.CSINTPRAMSOOut.Output.FileName

### 1.4.3 PRAMS Input File

#### 1.4.3.1 Record Layout

Field Seq.	Field Size	Position	Field Name	Field Type	Data System Source	Where Collected in the UI
1	30	1-30	First Name	A/N	n/a	n/a
2	30	31-60	Middle Name	A/N	n/a	n/a
3	30	61-90	Last Name	A/N	n/a	n/a

Field Seq.	Field Size	Position	Field Name	Field Type	Data System Source	Where Collected in the UI
4	8	91-98	Birth Date (YYYYMMDD)	N	n/a	n/a
5	10	99-108	Birth Certificate Number	N	n/a	n/a

#### 1.4.4 Output File with Appended Data

##### 1.4.4.1 Record Layout

Field Seq.	Field Size	Position	Field Name	Field Type	Data System Source	Where Collected in the UI
1	30	1-30	First Name	A/N	n/a	n/a
2	30	31-60	Middle Name	A/N	n/a	n/a
3	30	61-90	Last Name	A/N	n/a	n/a
4	8	91-98	Birth Date (YYYYMMDD)	N	n/a	n/a
5	10	99-108	Birth Certificate Number	N	n/a	n/a
6	30	109-138	Endorser First Name	A/N	FamilyMember.FirstName and FamilyMember.ParentGuardianIn = Yes	Family Member screen
7	30	139-168	Endorser Middle Name	A/N	FamilyMember.MiddleName and FamilyMember.ParentGuardianIn = Yes	Family Member screen
8	30	169-198	Endorser Last Name	A/N	FamilyMember.LastName and FamilyMember.ParentGuardianIn = Yes	Family Member screen

Field Seq.	Field Size	Position	Field Name	Field Type	Data System Source	Where Collected in the UI
9	30	199-128	Address Line 1	A/N	FamilyAddr.StreetAddrLine1	Contact/Address screen
10	30	129-158	Address Line 2	A/N	FamilyAddr.StreetAddrLine2	Contact/Address screen
11	30	159-188	City	A/N	FamilyAddr.City	Contact/Address screen
12	2	189-190	State	A/N	FamilyAddr.State	Contact/Address screen
13	5	191-195	Zip Code	A/N	FamilyAddr.ZipCode	Contact/Address screen
14	4	196-199	Zip +4	A/N	FamilyAddr.ZipPlus4	Contact/Address screen
15	3	200-202	Phone Area Code (primary)	A/N	BenefitFamily.HomePhoneAreaCd  If the "Do Not Call" check box on the Contact/Address screen is marked, then leave this blank.	Contact/Address screen
16	7	203-209	Phone Number (primary)	A/N	BenefitFamily.HomePhoneNr  If the "Do Not Call" check box on the Contact/Address screen is marked, then leave this blank.	Contact/Address screen
17	8	210-217	File Create Date (YYYYMMDD)	N	N/A	N/A