

2014-2015 BIH Data Quality Reminder 5.0
Released 11/20/14

This is the 5th in a series of Data Quality Reminders that will be coming out throughout the fiscal year.

MIGRATION OF EXISTING CASES TO ETO

On October 29, 2014, a [policy alert](#) was released to MCAH Directors and BIH Coordinators to announce the selection of Social Solutions’ “Efforts To Outcomes” (ETO) software as the new data collection and reporting system for BIH. As part of the implementation of this new data system, which will begin in the Fall of 2015, **MCAH is planning to move all existing records in the current MCAH-BIH-MIS to ETO.**

Data quality is a *major factor* in the successful movement of records from the MCAH-BIH-MIS to ETO.

Although correcting all data quality issues are important, some errors have a bigger impact than others (i.e., not all data quality issues are equal). For this reason, MCAH benchmarking to date has focused on identifying and cleaning those errors that are most crucial to the program’s success. In preparation for the move to ETO, MCAH has been sending sites information about a variety of data entry errors and how they impact program operations. To make data cleaning manageable, MCAH is dividing errors into two types: *Level 1* and *Level 2*.

- Level 1 errors impact core data needed by Title V and other funders to monitor client recruitment and retention (i.e., who was served, where they were served, and when they were served). Missing or out-of-range values for outreach and closure dates affect our ability to accurately count women in the program at any given time and are one example of a Level 1 error. Another example of a Level 1 error is a missing or invalid date of birth, which affects the calculation of the participant’s age.
- Level 2 errors impact data needed to monitor core services delivered to women in the program and short- and intermediate- term program outcomes. A missing or incomplete participant assessment at entry into the program is one example of a Level 2 error. Another example of a Level 2 error is missing group participation attendance information.

Before migration to ETO, Level 1 errors will have to be corrected in order to complete data entry for each record. During migration, records in the MCAH-BIH-MIS that have Level 1 errors could be rejected by ETO on import.

Between now and when MCAH migrates the data; each site will receive line-listings of their records containing Level 1 errors (see picture below). This ensures that, after we migrate to ETO, sites can find all participants for whom they entered data since records with Level 1 errors may have been rejected by ETO. MCAH will also be sending sites line listings for Level 2 errors so that sites can ensure that the built-in reports included in the launching of ETO provide reliable information for all records. MCAH will provide regular and any additional ad-hoc technical assistance via conference call and/or Web-Ex on how to make corrections in the MCAH-BIH-MIS prior to migration to ETO.

[Redacted]
Enrolled Cases with Missing Consent Dates
Data as of 10/18/2014

14:17 Monday, October 20, 2014 1

BIH State ID*	Date of Outreach / Referral to BIH	Consent Date
[Redacted]	[Redacted]	

Example of Level 1 error line listing report: “Enrolled Cases with Missing Consent Dates”

Below are listed examples of Level 1 and Level 2 errors and their associated impacts:

Level 1 Errors: Records will not be moved over to ETO and ultimately will be removed from inclusion in any reports.

- 1) Missing Consent Dates
- 2) Missing Date of Outreach/Referral To BIH
- 3) Missing or invalid dates of birth
 - a. Will subsequently impact the ability to determine following:
 - i. Age of client
 - ii. Linkage to vital statistics data
- 4) Missing, invalid, or mismatching due dates and/or baby's birth date
 - a. Will subsequently impact the ability to determine following:
 - i. Timely completion of Edinburgh Postnatal Depression Scale (EPDS)
 - ii. Timely completion of all postpartum assessments
 - iii. Cases closed no later than 12 months postpartum
 - iv. Trimester of pregnancy for recruitment and enrollment
- 5) Missing case closure dates on closed cases
 - a. Will skew the number of days in program for client

Level 2 Errors: Records will be migrated to ETO but with negative impacts. Examples of Level 2 Errors are below with their impacts.

- 1) Missing initial assessments
 - a. Assessment data will be misplaced
 - b. No baseline measurement for comparison
- 2) Missing or incorrect sequencing of assessment dates on collected assessments
 - a. Disrupts ability to measure pre and post intervention indicators at key time points related to pregnancy (baseline, prior to delivery, post-delivery, closure).