



BORN *Information* BITS

Update: Changing Date and Time of Birth in the BIS

A Data Quality Issue

The BORN Information System integrates client information entered by different organizations. The system is designed to limit duplication of data entry; in many instances data will prepopulate across encounters and organizations. Historically, each organization has had the ability to edit and correct its own data.

Key information, such as Date and Time of Birth, must be consistent across organizations.

Recently, BORN noticed data quality discrepancies related to the infant date and time of birth fields. To address the issue, a technical solution was devised.

The Solution

Infant Date of Birth (DOB) and Time of Birth (TOB) are initially captured on the *Birth Mother* encounter. When the *Birth Child* encounter is created, the DOB and TOB automatically populate from the Birth Mother encounter.

As of April 2014,

- ✓ If a *Birth Mother* encounter has been submitted, but it is not linked to a child record, DOB and TOB can **only be corrected in the *Birth Mother* encounter**.
- ✓ If a *Birth Mother* encounter has been submitted and it is linked to a child record, then DOB and TOB can **only be corrected in the *Birth Child* encounter**. Once corrected, the DOB and TOB will automatically update the Child Profile (the info on the Demographics & ID tab) and the *Birth Mother* encounter.

The rationale behind the very specific error correction process is to limit data discrepancies.

Additionally, the ability to edit an infant DOB and TOB is now limited to one organization:

- If the birth is a hospital birth then only the birth hospital has the ability to edit.
- If the birth is a midwife attended homebirth then only the midwife (MPG user) has the ability to edit.
- If the birth occurs outside of the hospital, then the first organization to enter the encounter/record has the ability to edit.

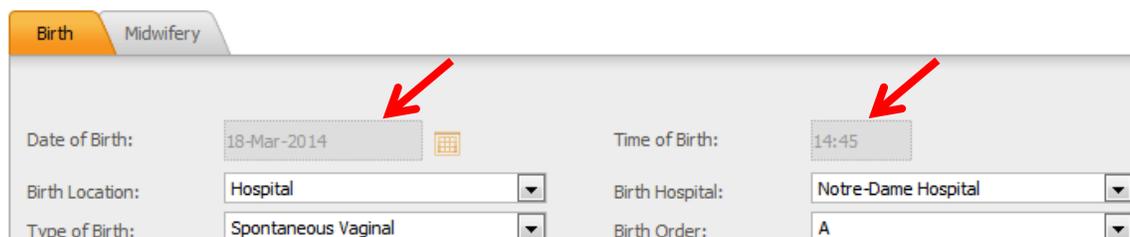
What do I do if I notice the Date and Time of Birth fields have errors but are 'GREYED OUT'?

Data that is prepopulated from another organization will be 'greyed out' on an encounter created by a second organization. If you notice an error in the DOB or TOB and it is 'greyed out', please contact the birth organization to correct the information on the Birth Child encounter. You may also contact your BORN coordinator for assistance.

Example: Midwifery practice group (MPG) notices a TOB error (the TOB prepopulated from the hospital encounter). The TOB should be 19:00 not 7:00. The MPG can't change the information (it appears 'greyed out').

Solution: The MPG can contact the birth hospital and have hospital staff correct the TOB on the hospital encounters. The corrected information will automatically update the MPG data. BORN coordinators can assist with establishing contact with the appropriate individual.

Example of a 'greyed out' field

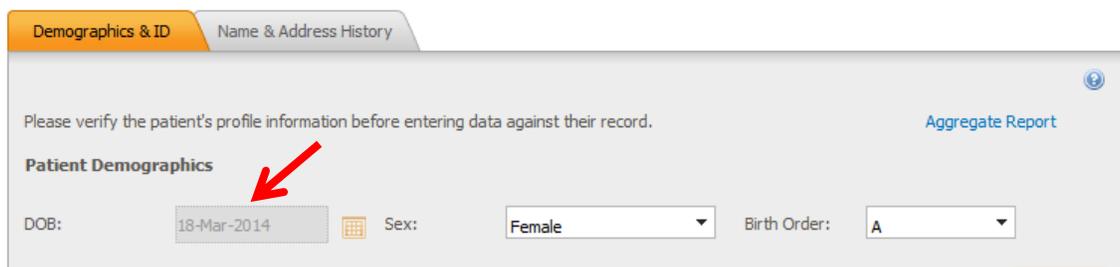
Birth

The screenshot shows a 'Birth' form with two tabs: 'Birth' (selected) and 'Midwifery'. The form contains the following fields:

Date of Birth:	18-Mar-2014	Time of Birth:	14:45
Birth Location:	Hospital	Birth Hospital:	Notre-Dame Hospital
Type of Birth:	Spontaneous Vaginal	Birth Order:	A

Red arrows point to the 'Date of Birth' and 'Time of Birth' fields, which are greyed out.

It may also appear 'greyed out' on the Child Patient Profile:



The screenshot shows the 'Demographics & ID' tab of a 'Child Patient Profile' form. The form contains the following fields:

DOB:	18-Mar-2014	Sex:	Female	Birth Order:	A
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Red arrows point to the 'DOB' field, which is greyed out.

For more information, please contact your BORN Coordinator.

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