MHDO Hospital Inpatient: Quality Control Checks

Updated 12/13/2018

# Identifiers

* Unique identifier for each encounter within file (IPMB01): no missing or null values, no duplicates, always 8 digits in length
* No records with missing File ID (IPMB03); always 4 digits in length
* No records with missing Claim ID (IPMB04); length is between 1 and 4 digits
	+ Values for Claim ID are unique within submitter (or facility) EIN (IP0102) and Patient Control Number (IP2003)
* No records with missing or unusual submitter EIN (IP0102); always 6 digits in length
* No records with missing Patient Control Number; length can vary between 6 and 15 characters
* No records with missing *original* Medical Health Record Number; length can vary between 2 and 10 characters
* No records with missing *encrypted* Medical Health Record Number; length is always 9 characters

# Date Fields

* Admission Start Care Date (IP2011) and Discharge Date (IP2013) are not missing for any records, from any data source
* Patient’s date of birth (IP2005) is not missing for any records, from any data source
* Other date fields such as principal procedure or other procedure dates have variable percent of missing values depending on data source and year; no unusual or unanticipated patterns
* There are no records where the Admission Start Care Date (IP2011) is after the Discharge Date (IP2013)
* There are no records where the Admission Start Care Date (IP2011) is before the Patient DOB (IP2005)
* Age is not missing for any records
* Age does not appear to have unusual values such as negative values or unusually large values

# Value-added Fields

* Ensured that the algorithms implemented for calculation of value add fields have the expected results for:
	+ Length of Stay (IMPVA20\_LOS)
	+ Age (IMPVA21\_AGE)
	+ Newborn weight (IMPVA22\_WGT)
	+ Count of unique revenue codes (IMPVA23\_RVHITS)
	+ Flags for Emergency Department encounters, abortion encounters (IMPVA25\_EDFlag and IMPVA24\_AbortFlag)
	+ Charges fields (IMPVA26 through IMPVA29)
	+ Geolocation codes
	+ Diagnosis related groups
* No unusual patterns by facility for race, ethnic, gender breakdowns over time

# Release Views

* There are no duplicate identifiers when values should be unique
* Number of released records in a timeframe is as expected
* Release package is complete and includes on the files as specified in the data request