Summary of Errors in Harmonist Reports

DES Compliance Issues

Kahn Category	Code	Error	Message to User	Severity
Conformance	1.1a	Missing 1st primary key value	*fieldName* is a primary key variable in this table and should not be blank	Critical
Conformance	1.1b	Invalid PATIENT ID	PATIENT ID was not found in tblBAS. Every PATIENT in other tables should have a record in tblBAS	Critical
Completeness	1.1c	Missing PROGRAM value in tblBAS	Every PATIENT in tblBAS should be linked with an IeDEA Program	Critical
Plausibility	1.1d	Duplicate PATIENT in single ID table	PATIENT is the only identifier in this table; every PATIENT value should be unique	Critical
Conformance	1.2a	Recently deprecated variable	*fieldName* was deprecated on *date* . Please use *replacement* instead.	Warning
Conformance	1.2b	Deprecated variable	*fieldName* was deprecated over one year ago and is no longer supported in the IeDEA DES	Error
Conformance	1.2c	Deprecated code	*codeValue* has been replaced and is no longer a valid code for *codedField* .	Warning
Completeness	1.3	Required variable value missing	*fieldName* is a required variable in this table and should not be blank	Error
Completeness	1.4	Missing units for lab test	Valid units must be provided each for *lab value*	Warning
Conformance	1.5a	Invalid format/data type (date)	Date format must be YYYY-MM-DD.	Error
Conformance	1.5b	Date column saved as numeric	*fieldName* is a date field but is saved in this table as numeric. Data quality checks assume this numeric value to be the number of days since 1960-01-01 but please save this field as a date data type	Warning
Conformance	1.5c	Invalid format/data type (numeric)	Numeric value required for *numericField*	Error
Conformance	1.6	Invalid code	Invalid code for *codedField* . See <link> for a list of valid codes.	Error
Conformance	1.7	Invalid PROGRAM	This patient's *PROGRAM* value is not found in tblPROGRAM. Every PROGRAM should have a record in tblPROGRAM	Error
Plausibility	1.8	Duplicate Records	This has key identifier value(s) that duplicate another record in this table. [For example, in tblART, all three of the following values must be identical to another record to be flagged as duplicate: PATIENT, ART_ID, and ART_SD] Note that if a table has a single key identifier of PATIENT, a duplicate record is error type 1.1d, a critical error.	Error
Completeness	1.9	Missing requested table or column	The (table, variable) requested by concept xx is missing from this dataset	Warning

Logic Issues

Category	Code	Error	Message to User	Severity
Plausibility	2	Date in future	This date is in the future (Exception: NEXT_VIS_D)	Error

Plausibility	2.1	Date logic error	*Second date* should not be before *first date* (possible additional message about _A values) [Example: ART_ED before ART_SD, VIS_D before BIRTH_D, or DEATH_D before ENROL_D]	Error
Plausibility	2.2a	Date before 1980	Dates (other than BIRTH_D) are expected to be after *1980*	Warning
Plausibility	2.2b	BIRTH_D before 1925	Patient BIRTH_D is expected to be after *1925*	Warning
Plausibility	2.2c	Value outside expected range	This value is above/below the expected range. The maximum(minimum) value expected for *numericField* is *upperLimit(lowerLimit)* [optional: when the lab test is *labName* and the unit code is *unitName*] or when unit = %, lab value shouldn't be > 100	Warning
Conformance	2.3a	Conflict between date and date approximation	A date was provided but _A was coded as Unknown, which is conflicting information. If a date approximation is coded as Unknown, the date entry should be blank or *dateIndicatingUnknown.*	Warning
Conformance	2.3c	Conflict between _D and _Y	If a date is recorded for xxx_D then xxx_Y must have a value of 1 (Yes)	Error
Conformance	2.3d	Conflict between _RS and Date	If a reason is recorded for xxx_RS, then xxx_D/ xxx_ED should not be blank.	Error
Conformance	2.3e	Conflict between START_RS and _SD	If a reason is recorded for xxxSTART_RS, then xxx_SD should not be blank.	Error
Completeness	2.3f	Conflict between RECART_Y and tblART	This patient is listed in tblBAS as recieving ART (RECART_Y=1) but has no entry in tblART	Warning
Plausibility	2.3g	Conflicting height data	Height should not decrease over time. This patient's height was *height1* m on *date1* and *height2* m on *date2* .	Warning