

Section 4 - Business Rules

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Introduction & Definitions

This section outlines the business rules that are in place in the VINAH data collection. Business Rules serve many purposes in the VINAH data collection, the most important being to preserve the quality, consistency and integrity of the data.

Business Rules

In the context of VINAH, Business Rules are plain English statements which provide a constraint, condition or restriction on some aspect of the data collection.

Data Quality Objectives

Each business rule is aligned to a data quality objective. This objective represents the desired outcome of the rule's successful observation and enforcement. A data quality objective may be achieved by one or business rules.

Data Quality Principles

Each data quality objective aims to uphold a data quality principle. A data quality principle may be upheld by one or more data quality objectives. These principles are:

Consistency

Although data is obtained from a variety of health services and through numerous software applications, the data shall be comparable through the use of standardized coding methods.

Integrity

The data must maintain its integrity with reference to a number of aspects:

- Structural – the encoded format of the data is of the appropriate format
- Referential – other records or data exist where reference is made to them
- Elemental – data elements meet its standalone definition

Privacy

The privacy of individuals is maintained in accordance with established guidelines

Security & Accountability

The source of the data must be a trusted and authorised individual.

Validations

A business rule may be enforced by one or more validations. These validations are the reaction to an instance of data violating a business rule.

If a business rule is not enforced by a validation, this does not mean that the business rule does not need to be observed. Some business rules are not enforced by validations, but may be enforced through other means such as data quality investigations and audit.

The validations are listed in Section 8 of this manual.

Business Rules

VINAH Business Rules

Data Quality Principle: Consistency	
Data Quality Objective:	A Patient/Client identifier relevant to the compensable agency is provided
BR-DAT-CNT-004	Where the Contact Account Class is compensable (VX, TA, WC), a client identifier relevant to the compensable agency should be provided
<i>Validations:</i>	<i>E356 Contact is Compensable (<AccountClass>) but no client identifier relevant to the compensable agency is provided</i>
Data Quality Objective:	Avoid duplicate or out of sequence data
BR-XMT-RNT-005	Batch Control Identifiers must be unique across all submissions over time within an Organisation
<i>Validations:</i>	<i>B004 Batch Control Identifier (<Batch Control ID>) has been used previously (<PreviousSubmissionInfo>)</i>
Data Quality Objective:	Care-related fields are consistent with Patient/Client Present Status
BR-DAT-CNT-010	Where Contact Model of Care is 9 'Not Applicable - Patient/Client not present', the Contact Client Present Status must not be '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'
<i>Validations:</i>	<i>E363 <ContactDataElement> is <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'</i>
BR-DAT-CNT-016	Where Contact Preferred Setting of Care is not 98 'Not Applicable - Patient/Client not present', the Contact Client Present Status must be '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'
<i>Validations:</i>	<i>E364 <ContactDataElement> is not <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'</i>
BR-DAT-CNT-015	Where Contact Preferred Place of Death is not 98 'Not Applicable - Patient/Client not present', the Contact Client Present Status must be '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'
<i>Validations:</i>	<i>E364 <ContactDataElement> is not <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'</i>
BR-DAT-CNT-014	Where Contact Model of Care is not 9 'Not Applicable - Patient/Client not present', the Contact Client Present Status must be '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'
<i>Validations:</i>	<i>E364 <ContactDataElement> is not <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'</i>
BR-DAT-CNT-013	Where Contact Phase of Care is 9 'Not Applicable - Patient/Client not present', the Contact Client Present Status must be '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'
<i>Validations:</i>	<i>E364 <ContactDataElement> is not <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '20-Carer(s)/Relative(s) of the patient/client only' or '31-Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'</i>
BR-DAT-CNT-012	Where Contact Preferred Setting of Care is 98 'Not Applicable - Patient/Client not present', the Contact Client Present Status must not be '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'
<i>Validations:</i>	<i>E363 <ContactDataElement> is <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'</i>

Data Quality Principle: Consistency

Data Quality Objective: Care-related fields are consistent with Patient/Client Present Status

BR-DAT-CNT-011 Where Contact Preferred Place of Death is 98 'Not Applicable - Patient/Client not present', the Contact Client Present Status must not be '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'

Validations: E363 <ContactDataElement> is <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'

BR-DAT-CNT-009 Where Contact Phase of Care is 9 'Not Applicable - Patient/Client not present', the Contact Client Present Status must not be '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'

Validations: E363 <ContactDataElement> is <NAClientNotPresentValue> - <NAClientNotPresentMeaning> but Contact Client Present Status is '11-Patient/Client present only' or '12-Patient/Client present with carer(s)/relative(s)'

Data Quality Objective: Data elements are reported as a result of certain events occurring

BR-DAT-CNT-001 Patient/Client demographic data must be complete at the time of the first reported Contact

Validations: E351 Contact event is being transmitted for a patient (<patient_info>) that has incomplete demographic data (<missing_fields>)

BR-DAT-CNT-008 For Palliative Care, the Episode Malignancy Flag must be provided at the time of the first contact

Validations: E362 The first Contact is being reported, but Episode Malignancy Flag is not provided

BR-DAT-CLI-011 Where a Patient/Client has had a contact, demographic data must be complete

Validations: None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.

BR-DAT-EPS-002 When an Episode has an End Date it must have an Episode End Reason.

Validations: E255 Episode has an End Date but does not have an Episode End Reason.

BR-DAT-EPS-009 For Palliative Care, the Episode Malignancy Flag must be provided if the episode has had a contact

Validations: None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.

Data Quality Objective: Data elements are restricted to the value domain of their defined code table

BR-DEL-DEF-002 The value of a data element must within its value domain or code table

Validations: E005 Code ('<CodeSupplied>') for Data Element '<FieldName>' is in code table <CodeTable> but is not valid for this Program/Stream <ProgramStream>
E004 Code ('<CodeSupplied>') for Data Element '<FieldName>' does not exist in code table <CodeTable>

Data Quality Objective: Data elements defined are repeated both sufficiently and not excessively, as per their definition

BR-DEL-DEF-005 A data element that can repeat should be repeated within the bounds of its definition

Validations: E012 Data Element '<DataElement>' has been repeated a number of times (<Reps>) that is outside the allowable range for this data element (Min=<Min>, Max=<Max>)

Data Quality Objective: Data elements defined as requiring a value are provided

Data Quality Principle: Consistency

Data Quality Objective: Data elements defined as requiring a value are provided

BR-DEL-DEF-003 A value must be provided for data elements defined as mandatory

Validations:

E050 Data Element '<element_name>' (<hl7_location>) has no value but is part of the primary key for the <structure> record

E002 Data Element '<FieldName>' is mandatory for this Program/Stream <Program/Stream>, but no value was supplied

E001 Data Element '<FieldName>' is mandatory, but no value was supplied

Data Quality Objective: Data elements defined as requiring a value are to be provided within a certain Program/Stream

BR-DEL-DEF-007 A data element should be reported according the requirements of the program/stream it relates to

Validations:

E005 Code ('<CodeSupplied>') for Data Element '<FieldName>' is in code table <CodeTable> but is not valid for this Program/Stream <ProgramStream>

E002 Data Element '<FieldName>' is mandatory for this Program/Stream <Program/Stream>, but no value was supplied

B003 Batch Header identical to previously submitted Batch Header (<Batch Control ID>)

Data Quality Objective: Data Elements relating to a Patient's/Client's Carer are consistent

BR-DAT-CLI-006 Where Patient/Client Carer Relationship has a value, Patient/Client Carer Availability must be set to '1 – Has a Carer'

Validations:

E155 Carer Relationship (<val>) has a value but Carer Availability (<val>) is not set to '1 – Has a Carer'

BR-DAT-EPS-004 Where Episode Program/Stream is Palliative Care, the patient/client must have a Main Carer's Relationship to the Patient when Carer Availability is '1 - Has a carer'

Validations:

E254 Patient/client does not have a Main Carer's Relationship to the Patient but the Carer Availability is '1 - Has a carer' and Episode Program/Stream is Palliative Care

BR-DAT-CLI-002 Patient/Client Carer Residency Status must be compatible with Patient Client/Carer Availability

Validations:

E156 Carer Residency Status (<val>) has no value but Carer Availability (<val>) is set to '1 – Has a Carer'

E152 Carer Availability is 'Has a carer' (<ca>) but Carer Residency Status (<crs>) is not compatible

BR-DAT-CLI-007 Where Patient/Client Carer Residency Status does not have value, Patient/Client Carer Availability must not be '1 – Has a Carer'

Validations:

E156 Carer Residency Status (<val>) has no value but Carer Availability (<val>) is set to '1 – Has a Carer'

BR-DAT-CLI-010 Where a Patient/Client has an episode in the Palliative Care Program/Stream, they must have a Main Carer's Relationship to the Patient when Carer Availability is '1 - Has a carer'

Validations:

None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.

Data Quality Objective: Data Elements relating to a Patient's/Client's Death are consistent

BR-DAT-CLI-005 Where a Date of Death is reported, a Date of Death Accuracy Code and Place of Death must be provided

Validations:

E154 Date of Death was reported, but either Date of Death Accuracy Code or Place of Death was not provided

Data Quality Objective: Data Elements relating to a Patient's/Client's Usual Residence locality are consistent

Data Quality Principle: Consistency

Data Quality Objective: Data Elements relating to a Patient's/Client's Usual Residence locality are consistent

BR-DAT-CLI-004 Where the Patient Client/Locality and Patient/Client Postcode are a location within Australia they must represent a residential location

Validations: E153 Invalid combination of Postcode (<value1>) and Locality (<value2>)

BR-DAT-CLI-003 Patient Client/Locality and Patient/Client Postcode must be a valid combination

Validations: E153 Invalid combination of Postcode (<value1>) and Locality (<value2>)

Data Quality Objective: Data elements that are not relevant or applicable to a given Program/Stream are not reported, avoiding misinterpretation of the reported data

BR-DEL-DEF-008 A data element that is not applicable within a program/stream must not have a value

Validations: E003 Data Element '<FieldName>' cannot have a value in this Program/Stream <Program/Stream>

Data Quality Objective: Data elements that are not restricted to values in a code table meet their layout requirements

BR-DEL-DEF-004 A value provided for a data element must meet it's datatype and layout requirements

Validations: E011 Invalid layout for field '<FieldName>' - value supplied '<val>' does not meet the layout requirements for this element (<Layout>)

E006 Invalid Data Type in value '<ValueSupplied>' for field '<FieldName>'. Value must be of a <DataType> datatype

Data Quality Objective: Data elements that relate to a particular event do not have a value before that event has occurred

BR-DAT-EPS-003 Episode must have a Completion of Proposed Plan of Treatment only if it has an Episode End Date

Validations: E253 Episode does not have an Episode End Date, but has a Completion of Proposed Plan of Treatment

Data Quality Objective: Dates of related events are not out of sequence, where a given event should succeed a related event

BR-DAT-RIN-004 Referral In Received Date must be before or on the Episode Start Date of any episodes that resulted from the referral

Validations: E411 Date Referral Received (<Date>) is after Episode Start Date (<Date>)

BR-DAT-CLI-008 Date of Death must not be before the Date of Birth

Validations: E158 Date of Birth (<DateOfBirth>) is after Date of Death (<DateOfDeath>)

BR-DAT-CNT-002 Episode Start Date must not be after the Contact Date/Time

Validations: E352 Contact Date (<val1>) is before the Start Date (<val2>) of the related Episode (<RelatedEpisodeInfo>)

BR-DAT-RIN-003 Referral In Received Date must not be after Referral In Receipt Acknowledgement Date

Validations: E410 Date of Referral Receipt Acknowledgement (<date1>) is before Date Referral Received (<date2>)

BR-DAT-EPS-001 Episode Start Date must not be before Date of Birth

Validations: E251 Episode Start Date <date> is before Date of Birth <date>

BR-DEL-DEF-010 All related events must be reported in the correct sequence

Validations: None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.

Data Quality Principle: Consistency

Data Quality Objective:	Dates of related events are not out of sequence, where a given event should succeed a related event
BR-DAT-EPS-011	Episode End Date must not be before the Referral Out Date of any referrals that resulted from the episode
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-EPS-010	Episode Start Date must be before or on the Referral Out Date of any referrals that resulted from the episode
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-EPS-008	Episode End Date must be on or after the Contact Date/Time of any contacts within the Episode
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-EPS-007	Episode Start Date must be on or before the Contact Date/Time of any contacts within the Episode
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-EPS-002	Episode Start Date must not be after the Episode End Date
<i>Validations:</i>	<i>E252 Episode End Date <date> is before Episode Start Date <date></i>
BR-DAT-RIN-002	Referral In Received Date must be before or on the Episode Start Date of any episodes that resulted from the referral
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-ROU-001	Episode Start Date must not be after Referral Out Date
<i>Validations:</i>	<i>E551 Referral Out Date (<date>) is before Episode Start Date (<date>)</i>
BR-DAT-CNT-007	For Palliative Care, where the Contact Date/Time is after the Patient/Client Death Date, the Patient/Client Present Status must be '20 - Carer(s)/Relative(s) of the patient/client only' or '31 - Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'
<i>Validations:</i>	<i>E361 Contact Date (<ccsdate>) is after Date of Death (<dod>), but Client Present Status (<val>) is not '20 - Carer(s)/Relative(s) of the patient/client only' or '31 - Patient/Client/Carer(s)/Relative(s) not present: Indirect Contact'</i>
BR-DAT-CLI-009	Date of Birth must not be after the Episode Start Date
<i>Validations:</i>	<i>None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.</i>
BR-DAT-CNT-003	Contact Date/Time must not be after the Episode End Date
<i>Validations:</i>	<i>E353 Contact Date (<val1>) is after the End Date (<val2>) of the related Episode (<EpisodeInfo>)</i>
BR-DAT-EPS-005	Episode Start Date must not be before the Referral In Received Date
<i>Validations:</i>	<i>E256 Episode Start Date <date> is before Date Referral In Received (<date>)</i>
BR-DAT-ROU-002	Referral Out Date must not be after Episode End Date
<i>Validations:</i>	<i>E552 Referral Out Date (<date>) is after Episode End Date (<date>)</i>
Data Quality Objective:	Detect data entry errors on the Birth Date data element
BR-DAT-CLI-001	The reported date of birth a client must not result in an age of greater than 120 years
<i>Validations:</i>	<i>E151 Client Age (<n>) is greater than 120 years.</i>
Data Quality Objective:	Different Health Condition coding methods are not combined on the same episode

Data Quality Principle: Consistency

Data Quality Objective: Different Health Condition coding methods are not combined on the same episode

BR-DAT-EPS-006 Each Episode must report Health Conditions from only one codeset

Validations: E257 Health Conditions reported under multiple code sets.

Data Quality Objective: Patient/Client names are provided where the contact account class is compensable (VX, TA, WC)

BR-DAT-CNT-005 A Patient/Client's Legal Family Name or Given Names must be provided where Account Class is compensable

Validations: E358 Account Class is VX (DVA) or TA (TAC) or WC (VWA), but the Patient's Legal Name or Given Names are not provided

Data Quality Objective: The outcome of the inbound referral reflects the decision to open an episode

BR-DAT-RIN-001 A referral that results in a episode must have an outcome of 'Accepted'

Validations: E206 Open episode sent for a referral with outcome specified as not accepted (<ref_details>)

Data Quality Objective: The values of a data element must comply with its specified meaning

BR-DEL-DEF-001 The value of a data element must comply with the specified meaning as listed in Section 3

Validations: None (a) The majority of the validation in this document serve this purpose, however this specific rule is achieved by audit and other data quality processes.

Data Quality Principle: Integrity

Data Quality Objective: A submission contains data

BR-XMT-FIL-001 A submission file must contain data

Validations: F003 File <FileName> is empty

Data Quality Objective: Allow the Message Date/Time to be used to ensure other dates within the data are not in the future

BR-XMT-FIL-004 The Message Date/Time must be less than or equal to the Date of Submission

Validations: E007 Message Date/Time (<MessageDateTime>) is after the Date of Submission (<SubmissionDate>)

Data Quality Objective: Avoid duplicate or out of sequence data

BR-XMT-FNC-007 Every file submitted should be named uniquely

Validations: F002 A file named '<FileName>' has previously been submitted

BR-XMT-RNT-001 A message to insert a record cannot be sent again once the record has been accepted, rather an update message should be used

Validations: E051 Cannot insert record, same Primary Key for data structure '<structure>' already exists (<conflict_location>). Key fields: <pk_expanded_val>

BR-XMT-RNT-004 Message Control Identifiers must be unique across all submissions over time within an Organisation

Validations: HL7011 Message Control Identifier <MCID> has already been allocated to a previous message

Data Quality Objective: Data elements are reported as a result of certain events occurring

BR-DAT-EPS-013 For the TCP Program, Where an Episode has an End Date an Episode Assessment Score must be provided

Validations: E259 Episode has an End Date but does not have an Episode Assessment Score

Data Quality Principle: Integrity

Data Quality Objective: Data is acceptable to the Department

BR-XMT-FIL-003 A submission must contain data that is of an acceptable quality as per the Department's requirements

Validations: F050 The number of validation errors (<n>) in this file indicates the file may be corrupt or invalid

F020 Invalid Data Submitted

Data Quality Objective: Dates of events within the data are not reported as being in the future

BR-DEL-DEF-009 A data element that reflects the date of an event that has previously occurred must be before the Message Date/Time

Validations: E008 Date (<Value>) in field '<FieldName>' is after the Message Date/Time (<MessageDateTime>)

Data Quality Objective: Ensure efficient and stable operation of the processing system for all users

BR-XMT-FIL-005 The submission must not generate a number of validations greater than 500 and consisting of more than 20% of the total number of messages in the file

Validations: F050 The number of validation errors (<n>) in this file indicates the file may be corrupt or invalid

BR-XMT-FIL-007 The size of a submission file should be no greater than 25MB

Validations: None Not currently enforced

BR-XMT-FIL-006 A HL7 file should contain no more than 50,000 messages

Validations: None (c) This business rule will be enforced by an edit in a subsequent version of VINAH.

Data Quality Objective: Ensure that only the most recent submission can be purged/rolled back to prevent orphaned data

BR-XMT-PRG-002 Only the last unpurged file for a health service can be purged

Validations: X004 Submission <filename> could not be purged as it is not the last file submitted for this health service. Only the last existing file for a health service can be purged.

Data Quality Objective: Episode Assessment Score data elements are consistent

BR-DAT-EPS-015 For HBPCCT Programs/Streams, when an Episode has an End Date it must have a Episode First Consultancy Flag

Validations: E261 Episode has an Episode End Date but does not have an Episode First Consultancy Flag reported

BR-DAT-EPS-014 Where Episode Assessment(s) are reported, Episode Assessment Date/Time and Score must be provided

Validations: E260 Episode Assessment Score has been provided but no Episode Assessment Date/Time has been provided

Data Quality Objective: Filenames are generated correctly

BR-XMT-FNC-001 A submission file name should meet the naming standards as laid out in section 5

Validations: F001 Filename <FileName> is not valid

BR-XMT-FNC-002 Submission File Names (excluding the file extension) should only contain alphanumeric characters and an optional underscore

Validations: F001 Filename <FileName> is not valid

Data Quality Objective: HL7 Files are correctly assembled

BR-XMT-HL7-003 A HL7 Submission file must contain exactly one File Trailer Segment (FTS)

Validations: HL7002 File does not contain exactly one 1 FTS segment, file contains <n> FTS Segments

Data Quality Principle: Integrity

Data Quality Objective: HL7 Files are correctly assembled

BR-XMT-FIL-002 A HL7 submission file must contain only 7-bit ASCII characters

Validations: F005 *Illegal Extended ASCII Character supplied (Code <ASCIICode>) at position <Position> in File. File may only contain 7-bit ASCII characters.*

BR-XMT-HL7-002 A HL7 Submission file must contain exactly one File Header Segment (FHS)

Validations: HL7001 *File does not contain exactly one 1 FHS segment, file contains <n> FHS Segments*

BR-XMT-HL7-008 A HL7 submission must have a valid segment structure according to HL7 v2.5

Validations: HL7009 *Message Number <MessageNumber> does not conform to HL7 Schema. Error text as follows: <ErrorText>*

BR-XMT-HL7-001 The first line in a HL7 file must be an FHS segment

Validations: HL7003 *First line in file is not an FHS segment: <FirstLine>*

BR-XMT-HL7-005 A HL7 submission file must contain at least one batch

Validations: HL7004 *File does not have at least one BHS Segment*

BR-XMT-HL7-007 A HL7 batch must contain at least one message

Validations: HL7007 *MSH segments is not >= BHS Segments: <n1> MSH Segments, <n2> BHS Segments*

BR-XMT-HL7-006 A HL7 file must contain an equal number of BHS an BTS segments

Validations: HL7006 *File does not have an equal number of BHS/BTS segments: <n1> BHS Segments, <n2> BTS Segments*

HL7005 *File does not have at least one BTS Segment*

BR-XMT-HL7-004 A HL7 message must be of a type as defined in Section 5

Validations: HL7010 *Invalid Message Type <MessageType>*

Data Quality Objective: Other records that are referenced by identifiers have been previously sent and accepted, maintaining referential integrity

BR-XMT-RNT-003 Where a message refers to other records, those records must have previously been sent and accepted

Validations: E061 *A '<pk_structure>' message (<hl7_message_type>) was sent to either update or delete a record that has not been previously received and accepted. Key fields: <key_expanded>*

E052 *A '<pk_structure>' message (<hl7_message>) has been sent containing a reference to a "<fk_structure>" record that has not been previously received and accepted. Key fields: <fk_expanded>*

BR-XMT-RNT-002 An update or delete message can only be sent where an insert message has been previously accepted

Validations: E061 *A '<pk_structure>' message (<hl7_message_type>) was sent to either update or delete a record that has not been previously received and accepted. Key fields: <key_expanded>*

Data Quality Objective: Preserve the integrity of the Episode and ensure the appropriate validation logic can be applied

BR-DEL-DEF-006 A data element must not be changed once it has been reported if its definition dictates as such

Validations: E062 *A '<pk_structure>' update message (<hl7_message>) has been sent containing <static_field> value (<new_val>) that has changed from it's original value (<old_val>). This field is not allowed to change via an update.*

Data Quality Principle: Integrity

Data Quality Objective: Preserve the integrity of the Episode and ensure the appropriate validation logic can be applied

BR-DAT-EPS-012 An Episode Program/Stream cannot change once it has been submitted

Validations: E062 A '<pk_structure>' update message (<hl7_message>) has been sent containing <static_field> value (<new_val>) that has changed from it's original value (<old_val>). This field is not allowed to change via an update.

Data Quality Objective: Purge request files are correctly assembled

BR-XMT-PRG-001 A remote purge may only occur where a valid purge request file is transmitted

Validations: X003 Submission <filename> has already been purged after the initial load, due to the PurgeAfterLoad=True instruction on the original submission

X002 Submission <filename> was not successfully purged – incorrect TargetEnvironment/Filename/SubID/HealthService/UserName/PurgeKey combination

Data Quality Objective: The type of a file is correctly identified

BR-XMT-FNC-003 For HL7 submission files, the file extension must be '.hl7'

Validations: F001 Filename <FileName> is not valid

BR-XMT-FNC-005 For Flat File submissions, the file extension must be '.txt'

Validations: F001 Filename <FileName> is not valid

BR-XMT-FNC-004 For XML submission files, the file extension must be '.xml'

Validations: F001 Filename <FileName> is not valid

Data Quality Principle: Privacy

Data Quality Objective: Patients/Clients are not identified unnecessarily

BR-DAT-CNT-006 A Patient/Client's Legal Family Name or Given Names should only be provided where Account Class is compensable

Validations: E357 A Patient/Client's Legal Family Name or Given Names are provided but Account Class is not VX (DVA) or TA (TAC) or WC (VWA)

Data Quality Principle: Security & Accountability

Data Quality Objective: Data is transmitted via an approved mechanism, which authenticates the user

BR-XMT-SEC-001 A user must be authorized to transmit data via an approved mechanism

Validations: None (b) This is not handled by a specific validation rule, but by the security protocols of the HealthCollect portal.

Data Quality Objective: Messages relate to the same organisation as specified in the containing batch

BR-XMT-SEC-004 The Organisation Identifier in the Message Header Segment (MSH) must match the Organisation Identifier in Batch Header Segment (BHS)

Validations: E010 Message Organisation Identifier '<OrganisationIdentifier>' does not match Batch Organisation Identifier '<OrganisationIdentifierInFileName>'

Data Quality Objective: Organisations are submitting data that reflects the services they provide; avoid accidental coding of data into incorrect Program/Stream

Data Quality Principle: Security & Accountability

Data Quality Objective: Organisations are submitting data that reflects the services they provide; avoid accidental coding of data into incorrect Program/Stream

BR-XMT-SEC-005 An Organisation should only report data for a particular Program/Stream where they provide the relevant services and have been approved to report data for the Program/Stream by the Department

Validations:

E452 This organisation (<OrganisationIdentifier>) is not approved to report Referrals In under this program/stream (<Referral In Program/Stream>)

E258 This Organisation (<OrganisationIdentifier>) is not approved to report Episodes under this program/stream (<Episode Program/Stream>)

Data Quality Objective: The contents of the file represent the organisation specified in the file name

BR-XMT-SEC-003 The Organisation Identifier in the File Header Segment (FHS) must be the same as the Organisation Identifier in the filename

Validations:

F011 File Header Segment Organisation Identifier '<OrganisationIdentifier>' does not match '<OrganisationIdentifier InFileName>' in filename

Data Quality Objective: The Organisation submitting the data is clearly identifiable by reviewing the file name

BR-XMT-FNC-006 A valid Organisation Identifier must form the first part of the file name

Validations:

F001 Filename <FileName> is not valid

Data Quality Objective: Users are authorized to submit data on behalf of an organisation; avoid the possibility of a user accidentally or otherwise incorrectly submitting data on behalf of an organisation

BR-XMT-SEC-002 A user must be authorized to transmit data on behalf of an organisation

Validations:

F010 User '<UserName>' is not authorised to transmit data for Organisation Identifier '<OrganisationIdentifier>'

B010 User '<Username>' is not authorised to transmit data for Organisation Identifier '<OrganisationIdentifier>'