IAPT Data Set

Summary of validations undertaken upon receipt of data set by Bureau Service Portal

Version 1.2

Version History

Version	Date Issued	Brief Summary of Change	Owner's Name
1.0	21/07/2011	First issue	Nick Bridges
1.1	30/09/2011	• Inclusion of validations on the IDB • Correction of NHS number status indicator code validation 1	Nick Bridges
1.2	31/05/2013	• Minor text changes, link updates and rebranding following review.	Aaron Leathley

Introduction

Following the submission of the IAPT Intermediate Database (IDB) to the Bureau Service Portal a series of validations are undertaken to ensure the data supplied is of sufficient quality for use in the required data processing. The validations, summarised below, result in either:

- A rejection of the full data set. A significant issue is identified which needs to be rectified and the full data set resubmitted.
- A warning message. The data set contains identified issues, but they will not stop the processing of the data set. Where appropriate the issues identified should be rectified and the data set resubmitted.

Additional detail on the data set including the validations undertaken and outputs from data processing are available from:

- The IAPT Information Standards Notice (ISN) and Specification documents from the Information Standards Board website http://www.isb.nhs.uk/documents/isb-1520/amd-51-2010/index_html

- IAPT dataset user guide http://www.hscic.gov.uk/iapt

Dataset validations

The table below summarises the validations which are undertaken. The structure of the IDB is validated and the content of specific data items within the tables of the IDB are validated.

Validation message key:

Rejection

Warning

1. Validations on the IDB

Validation
Any of the 4 tables are missing (person, referral, appointment or disability)
No data is present in the IDB for the current reporting period
Any table within the IDB has a missing column (structure has been changed)

2. Validations on the individual tables of the IDB

Table	Data item	Validation 1	Validation 2	Validation 3	Validation 4
Person	Organisation code of provider	Invalid ODS code	If null		
Person	NHS number	Failure of modulus 11 check	NHS number present (not null) and NHS number status indicator code not present (null)	Duplicate	
Person	NHS number status indicator code	NHS number status indicator code not present (null) and NHS number present (not null)	If '08 - trace postponed as baby under six weeks'		
Person	Local patient ID	If null	Duplicate		
Person	Person birth date	Not a valid date or format	Greater than reporting period start date	Age calculated to be greater than 121 at start of reporting period	Null

Table	Data item	Validation 1	Validation 2	Validation 3	Validation 4
Person	Postcode of usual address	Not a valid entry in national postcode file (gridall)	If null	Use of default postcode: ZZ99 3WZ for not known or ZZ99 3VZ for no fixed abode	
Person	General medical practice (patient registration)	Not a valid ODS GP practice code	If null		
Disability	Local patient ID	If not present in person table			
Referral	Local patient ID	If not present in person table			
Referral	Service request ID	If null	If not unique to the patient		
Referral	Referral request received date	Not a valid date or valid date format			
Referral	Organisation code (code of commissioner)	Not a valid ODS code	If null		
Referral	Provisional diagnosis	If null			
Referral	IAPT spell end code	'End date for IAPT' is present (not null) and 'IAPT spell end code' not present (null)			
Referral	End date for IAPT	Not a valid date or valid date format	'IAPT spell end code' is present (not null) and 'End date for IAPT' is not present (null)		

Table	Data item	Validation 1	Validation 2	Validation 3	Validation 4
Appointment	Local patient ID	If not present in person table			
Appointment	Service request ID	If null	If not present in referral table		
Appointment	Appointment date	Not a valid date or valid format	If null	If greater than reporting period end date and Appointment Type is not equal to '06 - Follow-up appointment after treatment ended'	
Appointment	Care professional role code	If null			
Appointment	Attended of did not attend code	If null	If invalid		
Appointment	Appointment type	If attended or did not attend code is equal to 05 (attended on time or, if late, before relevant care professional was ready to see the patient) or 06 (arrived late, after the care professional was ready to see the patient, but was seen) and appointment type is not present (null)			

Table	Data item	Validation 1	Validation 2	Validation 3	Validation 4
Appointment	Therapy type for IAPT	If Attend or Did Not Attend code is equal to 05 (attended on time or, if late, before relevant care professional was ready to see the patient) or 06 (arrived late, after the care professional was ready to see the patient, but was seen) and Appointment Type is equal to 02 (treatment) or 03 (assessment and treatment) and none of the four available therapy type for IAPT data items are present (null)			
Appointment	Employment support suitability indicator	If employment support referral date is present (not null) and employment support suitability indicator is not present (null)			
Appointment	Employment support referral date	If employment support suitability indicator is 'Yes' and employment support referral date is not present (null)			
Appointment	Patient health questionnaire score	If not a valid score	If not present(null)		

Table	Data item	Validation 1	Validation 2	Validation 3	Validation 4
Appointment	Generalized anxiety disorder score	If not a valid score	If not present(null)		
Appointment	Work and social adjustment scale score	If not a valid score	If not present(null)		