

Neurocognitive Assessment Tool (NCAT)

Data Dictionary

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Table Description: Data related to the administration of an NCAT assessment battery to include location and

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
ADMINISTRATION	ADMINISTRATION_ID	Y	No		22	12	0
ADMINISTRATION	ASSESSMENT_ID	Y	No		22	12	0
ADMINISTRATION	PROCTOR_ID	Y	No		22	12	0
ADMINISTRATION	LOCATION		No		50		
ADMINISTRATION	SESSION_ID		No	VARCHAR2	50		
ADMINISTRATION	TAKEN_DT		Yes		7		
ADMINISTRATION	TAKEN_DT_ACTUAL		No		25		
ADMINISTRATION	COMPUTER_ID		No		50		
ADMINISTRATION	LATEST		No		22	1	0

d assessment time, as well as session and computer ID.

Column Description
A unique identifier serving as the primary key for the Administration table.
The unique identifier of the assessment, serving as a foreign key to the Assessment table.
The unique ID of the proctor who administered the assessment, serving as a foreign key to the Proctor table.
The physical location where the assessment was administered.
The unique session number for the administration session. If an assessment must be administered more than once, the session number will be sequentially incremented for each subsequent administration of a test.
The date and time the administration session was administered, represented using the NCAT MWS time zone.
The date and time the administration session was administered, represented using the local time on the NCAT client machine on which the assessment was administered.
The computer ID/name of the NCAT client machine from which the assessment was administered.
A value indicating if the administration is the last administration taken. Valid values are '0'=No, '1'=Yes.

Table Description: Data related to an assessment battery to include reason for testing, date of assessment

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
ASSESSMENT	ASSESSMENT_ID	Y	No		22	12	0
ASSESSMENT	PARTICIPANT_ID	Y	No		22	12	0
ASSESSMENT	CHARACTERIZATION_ID		No		36		
ASSESSMENT	REASON		Yes		2000		
ASSESSMENT	SETTING		Yes		50		
ASSESSMENT	THEATER		Yes		22		
ASSESSMENT	RECEIVED_DT		No		7		
ASSESSMENT	PROCESS_STATUS		No		22		

, and current assessment status.
Column Description
A unique identifier serving as the primary key for Assessment table.
The unique identifier of the participant, serving as a foreign key to the Participant table.
A unique GUID (identifier) representing the Assessment received from the NCAT client machine on which the assessment was administered.
Descriptive reason for the assessment. Restricted to the values displayed in a DDLB to the end user. Values available are: PRE-DEPLOYMENT, POST-DEPLOYMENT, CLINICAL POST-INJURY, CLINICAL GENERAL.
Physical setting of the assessment. Valid values are: GARRISON, FIELD, TAXONOMY I, TAXONOMY II, TAXONOMY III, TAXONOMY IV, TAXONOMY V.
A value indicating if an assessment was taken in theater. Valid values are '0'=No, '1' = Yes.
The date the assessment was received by the NCAT MWS, using the time zone of the NCAT MWS.
Number status of this record with regards to communication with DEERS and the transmission to the CDR+. Foreign key to the Process_Status table.

Table Description: Logged events for NCAT database transactions

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
		Y	No		22	12	0
AUDIT_LOG	USER_ID	Y	No		22	12	0
AUDIT_LOG	OCCURRED_DT		No		7		
AUDIT_LOG	ACTION		No		50		

Column Description
table.
The unique identifier for the NCAT user, serving as a foreign key to the User table.
The date and time the audited action was performed on the NCAT MWS.
Brief text description of the action being audited. For example: View, Insert, Modify, etc.

Table Description: Details of logged events for NCAT to include both original and changed data values

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
AUDIT_LOG_DETAIL	AUDIT_LOG_DETAIL_ID	Y	No		22	12	0
AUDIT_LOG_DETAIL	AUDIT_LOG_ID	Y	No		22	12	0
AUDIT_LOG_DETAIL	NAME		No		50		
	VALUE		No		2000		
AUDIT_LOG_DETAIL	VALUE_ORIGINAL		No	VARCHAR2	2000		
AUDIT_LOG_DETAIL	SORT		No		22		

Column Description
A unique identifier serving as the primary key for the Audit_Log_Detail table.
The unique identifier for the audit_log entry, serving as a foreign key to the Audit_Log table.
The name of the audit log value. This could be a database column name, or a specific audit log event value.
The modified value associated with the audited record.
The original/previous value of audited record. If the Audit_Log 'action' is UPDATE, then the value of this column would be the original value of the column before the update transaction occurred. If the Audit_Log 'action' is INSERT, then the value of this column would be null since there would be no original value prior to this transaction.
The sort order in which the value was inserted. In the case of multiple updates on a single table row, a sequence of events can be established.

Table Description: Original XML assessment data received from the NCAT Client software

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
CONTENT	CONTENT_ID	Y	No		22	12	0
CONTENT	ASSESSMENT_ID	Y	No		22	12	0
CONTENT	XML_DATA	Y	No		4000		

Column Description
A unique identifier serving as the primary key for the Content table.
The unique identifier for the assessment, serving as a foreign key to the Assessment table.
The original XML data received from the NCAT client machine on which the assessment was administered.

Table Description: NCAT MWS transaction log data

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
—	—	Y	No		22	12	0
—	—	Y	No		7		
—	—	Y	No		60		
—	SOURCE	Y	No		40		
LOG_ENTRY	ENTRY_LEVEL	Y	No		22	2	0
LOG_ENTRY	ENTRY_PRIORITY	Y	No		22	2	0
LOG_ENTRY	ENTRY_CATEGORY	Y	No	NUMBER	22	2	0
LOG_ENTRY	ENTRY_TYPE	Y	No		40		
—	—	Y	No		40		
—	—	Y	No		4000		

Column Description
table.
Date and time that the log entry was created.
entry.
Text description of the source file of the log entry.
The log entry level of detail. Valid values are: 'Error', 'Information', 'Critical', 'Warning', and 'Verbose'.
The priority of the log entry. Valid values are: 'None', 'Critical', 'High', 'Medium', 'Low', 'Trace', and 'Debug'.
The category of the log entry. Valid values are: 0='Assessment', 1='Business Logic', 2='Data Access', 3='Debug', 4='General', 5='Trace', 6='Security', 7='WindowsService', 8='WebService', 9='EF', 10='AHLTA', 11='ANAM', 12='CDR', 13='XML', 14='UI', 15='Standard', 16='Administrative', 17='Application', and 18='Error'.
The type of the log entry. Valid values are: 'Trace', 'Error', 'Info', 'Critical', 'Debug', 'Warning'.
The name of the method that is creating the log entry.
The error message to be logged.

Table Description: NCAT MWS account data for each user

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
NCAT_USER	USER_ID	Y	No		22	12	0
—	—		No		50		
—	—		No		50		
—	—		No		384		
—	—		No		7		
—	—		No		7		
—	—		No		7		
NCAT_USER	RANK_ID		No		22	12	0
NCAT_USER	SERVICE_ID		No		22	12	0
—	—		No		50		
NCAT_USER	LOGIN_ID		No		50		
NCAT_USER	CERTIFICATE_ID		No		50		
—	—		No		50		

Column Description
A unique identifier serving as the primary key for the NCAT_User table.
The first name of the user.
The last name of the user.
The email address of the user.
The date the user account was created.
The date the user account was last updated.
The date the user account was inactivated.
The unique identifier for the user's rank, serving as a foreign key to the Rank table.
The unique identifier for the user's branch of service, serving as a foreign key to the Service table.
The phone number where the user may be contacted.
The login ID for the NCAT user account and is the same as the user's SnareWorks login ID.
CAC with
The TMDS Login ID associated with the user account.

Table Description: Normative data used for compiling the NCAT Performance Report (NPR)

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
NORMATIVE	NORMATIVE_ID	Y	No		22	12	0	A unique identifier serving as the primary key for the Normative table.
			No		50			The name of the normative sample.
			No		50			The name of the test to which this normative sample applies.
NORMATIVE	SEX		No		50			The sex associated with this normative test. Valid values are: 'M'=Male and 'F'=Female.
	—		No		22			The minimum age, expressed in years, for this normative test.
	—		No		22			The maximum age, expressed in years, for this normative test.
			No		22			The numeric value for this normative test.
			No		50			The variance value for this normative test.
			No		22			The mean value for this normative test.
			No		22			The standard deviation value for this normative test.

Table Description: Normative percentage and values associated with a normative sample

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
NORMATIVE_PERCENTAGE	PERCENTAGE_ID	Y	No		22	12	0
NORMATIVE_PERCENTAGE	NORMATIVE_ID	Y	No		22	12	0
NORMATIVE_PERCENTAGE	PERCENTAGE	Y	No		5		
NORMATIVE_PERCENTAGE	VALUE	Y	No		22		

Column Description
A unique identifier serving as the primary key for the Normative_Percentage table.
The unique identifier for the normative sample, serving as a foreign key to the Normative table.
The normative percentage.
The numeric value of the normative percentage.

Table Description: Test-Taker data transformed from the original XML received from the NCAT Client software

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
PARTICIPANT	PARTICIPANT_ID	Y	YES		22	12	0
	ID		YES		50		
	PREFIX		YES		2		
	FIRST_NAME		YES		50		
	MIDDLE_NAME		YES		50		
	LAST_NAME		YES		50		
	DOB		YES		7		
	GENDER		YES		50		
	SERVICE		YES		50		
	MOS		YES		50		
	UIC		YES		50		
	STATUS		YES		50		
	GRADE		YES		50		
PARTICIPANT	ADDRESS_TYPE		YES	VARCHAR2	50		
PARTICIPANT	STREET		YES	VARCHAR2	50		
PARTICIPANT	CITY		YES	VARCHAR2	50		
PARTICIPANT	STATE		YES	VARCHAR2	50		
PARTICIPANT	ZIP		YES	VARCHAR2	50		
PARTICIPANT	ALTERNATE_PHONE		YES	VARCHAR2	50		
PARTICIPANT	PHONE		YES	VARCHAR2	50		
PARTICIPANT	UNIT_PHONE		YES	VARCHAR2	50		
PARTICIPANT	CURRENT_UNIT		YES	VARCHAR2	50		
PARTICIPANT	DEPLOYING_UNIT		YES	VARCHAR2	50		
PARTICIPANT	OPERATION		YES	VARCHAR2	50		
PARTICIPANT	EDIPN		YES	VARCHAR2	50		
PARTICIPANT	BLAST		YES	VARCHAR2	50		
PARTICIPANT	BULLET		YES	VARCHAR2	50		
PARTICIPANT	FRAGMENT		YES	VARCHAR2	50		
PARTICIPANT	VEHICLE		YES	VARCHAR2	50		
PARTICIPANT	SPORTS		YES	VARCHAR2	50		
PARTICIPANT	FALL		YES	VARCHAR2	50		
PARTICIPANT	FIGHT		YES	VARCHAR2	50		

PARTICIPANT	OTHER_BLOW		YES	VARCHAR2	50		
PARTICIPANT	DAZED		YES	VARCHAR2	50		
PARTICIPANT	UNCONSCIOUS1		YES	VARCHAR2	50		
PARTICIPANT	UNCONSCIOUS2		YES	VARCHAR2	50		
PARTICIPANT	UNCONSCIOUS3		YES	VARCHAR2	50		
PARTICIPANT	AMNESIA		YES	VARCHAR2	50		
PARTICIPANT	BLEED_EAR		YES	VARCHAR2	50		
PARTICIPANT	HEAD_INJURY		YES	VARCHAR2	50		
PARTICIPANT	CONCUSSION_SYMP		YES	VARCHAR2	50		
PARTICIPANT	OTHER_SYMP		YES	VARCHAR2	50		
PARTICIPANT	HEADACHE		YES	VARCHAR2	50		
PARTICIPANT	NAUSEA		YES	VARCHAR2	50		
PARTICIPANT	SENSITIVITY		YES	VARCHAR2	50		
PARTICIPANT	BALANCE		YES	VARCHAR2	50		
PARTICIPANT	RINGING		YES	VARCHAR2	50		
PARTICIPANT	SLEEP_PROBLEM		YES	VARCHAR2	50		
PARTICIPANT	IRRITABLE		YES	VARCHAR2	50		
PARTICIPANT	MEMORY_LAPSE		YES	VARCHAR2	50		
PARTICIPANT	OTHER_SYMP_CHRONOLOGY		YES	VARCHAR2	50		
PARTICIPANT	MACE1		YES	VARCHAR2	50		
PARTICIPANT	MACE2		YES	VARCHAR2	50		
PARTICIPANT	MACE3		YES	VARCHAR2	50		
PARTICIPANT	MACE1_DT		YES	VARCHAR2	50		
PARTICIPANT	MACE2_DT		YES	VARCHAR2	50		
PARTICIPANT	MACE3_DT		YES	VARCHAR2	50		
PARTICIPANT	INTERVAL		YES	VARCHAR2	50		
PARTICIPANT	COMMENT1		YES	VARCHAR2	2000		
PARTICIPANT	COMMENT2		YES	VARCHAR2	2000		
PARTICIPANT	AHLTA_UNIT_NUMBER		YES	VARCHAR2	20		

Column Description
A unique identifier serving as the primary key for the Participant table.
The participant's ID or SSN.
The participant's name prefix.
The participant's first name.
The participant's middle name.
The participant's last name.
The participant's date of birth.
The participant's sex.
The participant's branch of service.
The participant's MOS/specialty code.
The participant's unit identification code (UIC).
The participant's status.
The participant's military grade/rank.
The address type.
The street name and number for the address provided.
The city name.
The state abbreviation.
The zip code.
The participant's alternative phone number.
The participant's primary phone number.
Unit phone number.
Current unit number.
Deploying unit number.
The operation description.
The participant's EDIPN from DEERS.
The Blast history of the Test-Taker.
The Bullets history of the Test-Taker.
The Fragment history of the Test-Taker.
The Vehicular history of the Test-Taker.
The Sports history of the Test-Taker.
The Fall history of the Test-Taker.
The Fight history of the Test-Taker.

The Other Blow history of the Test-Taker.
The Dazed history of the Test-Taker.
The Unc1min history of the Test-Taker.
The Unc1 to 20 history of the Test-Taker.
The Unc1 to 20 history of the Test-Taker.
The Not Remembering history of the Test-Taker.
The Bleed Ear history of the Test-Taker.
The Head Injury history of the Test-Taker.
The Symp Conc history of the Test-Taker.
The Other Symp history of the Test-Taker.
The Headache history of the Test-Taker.
The Nausea history of the Test-Taker.
The Sens To Light history of the Test-Taker.
The Balance Problem history of the Test-Taker.
The Ear Ringing history of the Test-Taker.
The Sleep Problem history of the Test-Taker.
The Irritable history of the Test-Taker.
The Memory Lapse history of the Test-Taker.
The Other Symptom history of the Test-Taker.
The Mace1 history of the Test-Taker.
The Mace2 history of the Test-Taker.
The Mace3 history of the Test-Taker.
The mace_dt history of the Test-Taker.
The mace2_dt history of the Test-Taker.
The mace3_dt history of the Test-Taker.
The Interval history of the Test-Taker.
Comment field number 1.
Comment field number 2.
The AHLTA Unit number.

Table Description: Proctor data

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
		Y	No		22	12	0	The unique identifier for the Proctor table.
PROCTOR	ID		No		50			The proctor's personal identification. Oftentimes the social security number.
			No		50			The proctor's first name.
			No		50			The proctor's middle name.
			No		50			The proctor's last name.
			No		7			The proctor's date of birth.
			No		50			The proctor's sex.
			No		50			The proctor's branch of service.
			No		50			The proctor's MOS/specialty code.
			No		50			The proctor's unit identification code (UIC).
			No		50			The proctor's status.
			No		50			The proctor's military grade/rank.

Table Description: Validation data for properties which are used during testing and debugging of software

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
		Y	No		22	12	0
	DESCRIPTION		No		2000		
PROPERTY_VALIDATOR	NAME		No		50		
PROPERTY_VALIDATOR	REGULAR_EXPRESSION		No		2000		
PROPERTY_VALIDATOR	GOOD_VALUE		No		100		
PROPERTY_VALIDATOR	BAD_VALUE		No		100		

Column Description
The unique identifier for the Property_Validator table.
Text description of the property validator.
The name of the property validator. When property validators are referenced in the code they are referenced by this name.
The regular expression is the operational/arithmetic rule used to validate the property.
The good value for the property used as a pass value during software testing/debugging.
The bad value for the property used as a fail value during software testing/debugging.

Table Description: Reference table for military rank data								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
		Y	No		22	12	0	The unique identifier for the Rank table.
			No		50			Text description for the rank.
			No		22			The sort order of the rank.

Table Description: NCAT assessment data in raw form, by event, derived from the original XML receive

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
		Y	No		22	12	0
RAW_DATA	RAW_ID						
RAW_DATA	NAME	Y	No		22	12	0
RAW_DATA	EVENT		No		50		
			No		50		
RAW_DATA	VALUE						
RAW_DATA	SORT		No		100		
			No		22		

ed from the NCAT Client software
Column Description
The unique identifier for the Raw_Data table.
The unique identifier for the raw item, serving as a foreign key to the Raw_Item table.
Text description of the raw data.
Text description of the raw event.
The date and time of the raw data.
The sort order of the raw data.

Table Description: NCAT assessment data in raw form, by field, derived from the original XML

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
		Y	No		22	12	0
RAW_ITEM	TEST_ID	Y	No		22	12	0
	TYPE		No		50		
	NAME		No		50		
RAW_ITEM	RAW_DT		No		7		
RAW_ITEM	RAW_DT_ACTUAL		No		25		
	SORT		No		22		

. received from the NCAT Client software	
Column Description	
	The unique identifier for the Raw_Item table.
	The unique identifier for the test, serving as a foreign key to the Test table.
	The type of the test. Valid values are: 'Basic', and 'Section'.
	Text description of the raw item.
	The date and time of the raw item, represented in the time zone of the NCAT MWS.
	The actual date and time of the raw item, expressed in the time zone of the NCAT client machine on which the assessment was administered.
	The sort order of the raw item.

Table Description: Role data for NCAT MWS								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
	—	Y	No		22	12	0	The unique identifier for the Role table.
	—		No		50			Text name of the NCAT role.
			No		2000			Text description of the NCAT role.

Table Description: Privileges granted to a role

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
ROLE_PRIVILEGE	ROLE_ID	Y	No		22	12	0	The unique identifier for the role, serving as a foreign key to the Role table and part of the composite key Role_ID + Security_ID.
ROLE_PRIVILEGE	SECURITY_ID	Y	No		22	12	0	The unique identifier for the security entity, serving as a foreign key to the Security_Entity table and part of the composite key Role_ID + Security_ID.
ROLE_PRIVILEGE	INSERT_R		No		22			Represents the 'insert' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	DELETE_R		No		22			Represents the 'delete' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	UPDATE_R		No		22			Represents the 'download' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	INSTALL_R		No		22			Represents the 'install' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	DOWNLOAD_R		No		22			Represents the 'login' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	LOGIN_R		No		22			Represents the 'modify' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	RECEIVE_R		No		22			Represents the 'receive' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	SEND_R		No		22			Represents the 'send' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.
ROLE_PRIVILEGE	VIEW_R		No		22			Represents the 'view' right for this Role. 0 – Not Granted, 1 – Granted, 2 – Denied.

Table Description: Security entity reference data								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
		Y	No		22	12	0	The unique identifier for the Security_Entity table.
			No		50			The name of the security entity.

Table Description: Military branch of service reference data								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
	-	Y	No		22	12	0	table.
			No		50			service.

Table Description: Associative table for the mapping of branch of service to service component								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
SERVICE_MAPPING	SERVICE_ID	Y	No		22	15	0	The unique identifier for the Service, serving as a foreign key to the Service table.
SERVICE_MAPPING	SERVICE		No		50			Text description for the branch of service as entered on the NCAT Client.

Table Description: Summarized data for use with the NCAT Performance Report (NPR)

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
		Y	No		22	12	0	The unique identifier for the Summary_Data table.
SUMMARY_DATA	SUMMARY_ID	Y	No		22	12	0	The unique identifier for the summary item, serving as a foreign key to the Summary_Item table.
	NAME		No		50			Text name of the raw data section.
	VALUE		No		100			The value of the raw data section.
	SORT		No		22			The sort order of the raw data section.

Table Description: Summarized item for use with the NCAT Performance Report (NPR)

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
—	SUMMARY_ID	Y	No		22	12	0
SUMMARY_ITEM	TEST_ID	Y	No		22	12	0
—	TYPE		No		50		
—	NAME		No		50		
SUMMARY_ITEM	SUMMARY_DT		No		7		
SUMMARY_ITEM	SUMMARY_DT_ACTUAL		No		25		
—	SORT		No		22		

Column Description
The unique identifier for the Summary_Item table.
The unique identifier of the Test, serving as a foreign key to the Test table.
The type of the test. Valid values are: 'Basic', 'Section', and 'Category'.
Text description of the name of the summary item.
Date and time of the summary item, represented as the time zone of the NCAT MWS.
Date and time of the summary item, represented as the time zone of the NCAT client machine on which the assessment was administered.
The sort order of the summary item.

Table Description: Switch data associated with a test within the assessment battery								
Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
		Y	No		22	12	0	The unique identifier for the Switch_Item table.
SWITCH_ITEM	TEST_ID	Y	No		22	12	0	The unique identifier of the Test, serving as a foreign key to the Test table.
			No		50			Text description of the switch name.
			No		300			The numeric value of the switch.
			No		22			The sort order of the switch within the test.

Table Description: Repository of sequence numbers used by NCAT database tables

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
TABLE_SEQUENCE	TABLE_NAME	Y	No		50		
		Y	No		22	15	0

Column Description
Unique identifier for the Table_Sequence table describing the name of the table for which this sequence belongs.
The next sequence number of the database table's primary key.

Table Description: Associative table to link a test within the assessment battery with an administration of that test

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
	TEST_ID	Y	No		22	12	0	The unique identifier for the Test table.
TEST	ADMINISTRATION_ID	Y	No		22	12	0	The unique identifier of the Administration, serving as a foreign key to the Administration table.
	NAME		No		50			Text description of the test name.
TEST	EXTENSION		No		50			Text description of the test file extension. Valid values are: cdd, cds, m2s, moo, mth, pro, shd, slp, sr2, sub, and tbq.
TEST	TAKEN_DT		No		7			Date and time that the test was started by the Test-Taker, represented in the time zone of the NCAT MWS.
TEST	TAKEN_DT_ACTUAL		No		25			Date and time that the test was started by the Test-Taker, represented in the time zone of the NCAT client machine on which the assessment was administered.
	SORT		No		22			The sort order of this test in the assessment battery.

Table Description: Associative table to link an NCAT user account to a user role, defining permissions for a user account

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
USER_ROLE	USER_ID	Y	No		22	12	0	The unique identifier for the NCAT user, serving as a foreign key to NCAT_User table and a part of the composite key User_ID + Role_ID.
USER_ROLE	ROLE_ID	Y	No		22	12	0	The unique identifier for the NCAT role, serving as a foreign key to Role table and a part of the composite key User_ID + Role_ID.

Table Description: Tracking table for external checks performed on the assessments.

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
	—	Y	No		22	12	0	The unique identifier for the XCheck table.
XCHECK	XLOADER_ID	Y	No		22	12	0	The unique identifier of the XLoader, serving as a foreign key to the XLoader table.
	—	Y	No		11		6	Date and time that the XCheck record was created.
XCHECK	STATUS_ID	Y	No		22	8	0	Numeric status for the assessment. Foreign key to the Process_Status table.
XCHECK	XSYSTEM_ID	Y	No		22	8	0	The unique identifier for the XSystem record, serving as a foreign key to the XSystem table.
XCHECK	RETRY_COUNT	Y	No		22	4	0	Cumulative retry count for sending to the external system. Set to 3 by default.
XCHECK	PROCESSED	Y	No		22	1	0	Indicator that the check has been performed. Valid values are: '1'=Processed, '0'=Not yet processed.
XCHECK	DELETED	Y	No		22	1	0	Indicator that the row is marked as deleted so that this check is no longer performed. '0'=Not deleted, '1'=Deleted.

Table Description: Tracking table for processing assessments as they are prepared for transmission to

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
	XLOADER_ID	Y	No		22	12	0
	CREATE_DT	Y	No		11		6
XLOADER	ASSESSMENT_ID	Y	No		22	12	0
XLOADER	CHARACTERIZATION_ID	Y	No		36		
	STATUS_ID	Y	No		22	8	0
XLOADER	XSYSTEM_ID	Y	No		22	8	0
	RETRY_COUNT	Y	No		22	4	0
XLOADER	PROCESSED	Y	No		22	1	0
XLOADER	DELETED	Y	No		22	1	0

o external systems. XSend table is loaded with processed data to be sent.	
Column Description	
	The unique identifier for the XLoader table.
	Date and time that the XLoader record was created.
	The unique identifier of the Assessment, serving as a foreign key to the Assessment table.
	The unique GUID (identifier) representing the Assessment received from the NCAT client machine on which the assessment was administered.
	Numeric status for the assessment. Foreign key to the Process_Status table.
	The unique identifier for the XSystem record, serving as a foreign key to the XSystem table.
	Cumulative retry count for loading the assessment. Set to 3 by default.
	Indicator that the check has been performed. Valid values are: '1'=Processed, '0'=Not yet processed.
	Indicator that the row is marked as deleted so that this check is no longer performed. '0'=Not deleted, '1'=Deleted.

Table Description: Tracking table to identify assessments awaiting transmission to external systems

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale	Column Description
	—	Y	No		22	12	0	The unique identifier for the XSend table.
XSEND	XLOADER_ID	Y	No		22	12	0	The unique identifier for the XLoader, serving as a foreign key to the XLoader table.
	—	Y	No		11		6	Date and time that the XSend record was created.
XSEND	STATUS_ID	Y	No		22	8	0	Numeric status for the assessment. Foreign key to the Process_Status table.
XSEND	XSYSTEM_ID	Y	No		22	8	0	The unique identifier for the XSystem record, serving as a foreign key to the XSystem table.
XSEND	RETRY_COUNT	Y	No		22	4	0	Cumulative retry count for sending to the external system. Set to 3 by default.
XSEND	PROCESSED	Y	No		22	1	0	Indicator that the check has been performed. Valid values are: '1'=Processed, '0'=Not yet processed.
XSEND	DELETED	Y	No		22	1	0	Indicator that the row is marked as deleted so that this check is no longer performed. '0'=Not deleted, '1'=Deleted.

Table Description: Data identifying external systems to receive NCAT data and used for NCAT data

Table Name	Column Name	Req	PHC Requested	Data Type	Data Length	Data Precision	Data Scale
		Y	No		22	8	0
	XSYSTEM	Y	No		100		
	URL		No		256		
	CLIENT_CERTIFICATE		No		256		
		Y	No		11		6
		Y	No		11		6
XSYSTEMS	RETRY_MAX	Y	No		22	4	0
XSYSTEMS	TOSEND	Y	No		22	1	0
XSYSTEMS	SEND_ARCHIVE	Y	No		22	1	0
			No		100		
XSYSTEMS	SEND_EMAIL	Y	No		22	1	0
XSYSTEMS	DELETED	Y	No		22	1	0

validation
Column Description
The unique identifier for the XSystems table.
Text description of the external system name.
Uniform Resource Locator (URL) of the external system web service.
Certificate for the system.
Date and time that the XSystems record was created.
Timestamp of the last update to the XSystems record.
The maximum number of retries that will be attempted with the external web service. Set to a value of 3 by default.
Indicates whether or not the test assessment is to be sent to the designated external system. Valid values are: '0'=Check only, and '1'=Send.
Indicates whether or not to send assessments created prior to NCAT implementation to the external system. Valid values are: '0'=Do not send, and '1'=Send. The default value is '0'.
Email address for external system point of contact.
Indicates whether or not email is used to send error messages. Valid values are: '0'=Do not send, and '1'=Send.
Indicator that the row is marked as deleted so that this check is no longer performed. '0'=Not deleted, '1'=Deleted.