

Type: Data Dictionary Change Notice
Reference: 1653
Version No: 1.0
Subject: HIV and AIDS Reporting Data Set Update
Effective Date: Immediate
Reason for Change: Update of information
Publication Date: 22 May 2018

Background:

The HIV and AIDS Reporting Data Set (HARS) version 3 was approved by the Standardisation Committee for Care Information (SCCI) as [SCCI1570](#).

A number of minor changes have been identified which do not affect the Information Standard but result in changes to the NHS Data Model and Dictionary.

This Data Set Change Notice (DDCN) updates the NHS Data Model and Dictionary as follows:

- Data Element CD4 CELL COUNT:
 - The reference to the UCUM UNIT OF MEASUREMENT is incorrect and has been corrected to '*cells per cubic millimetre (mm3)*'.
- Data Element VIRAL LOAD COUNT:
 - The reference to the UCUM UNIT OF MEASUREMENT is incorrect and has been corrected to '*copies per millilitre (mL)*'.
- XML Schema Constraints page:
 - The page has been updated to reflect the patterns present in the XML Schema published on TRUD (Technology Reference Data Update Distribution).

To view a demonstration on "How to Read an NHS Data Model and Dictionary Change Request", visit the NHS Data Model and Dictionary help pages at: http://www.datadictionary.nhs.uk/Flash_Files/changerequest.htm.

Note: if the web page does not open, please copy the link and paste into the web browser.

Summary of changes:

Data Elements

CD4 CELL COUNT	Changed Description
VIRAL LOAD COUNT	Changed Description

XML Schema Constraint

HIV AND AIDS REPORTING DATA SET XML SCHEMA CONSTRAINTS	Changed Description
--	---------------------

Date: 22 May 2018

Sponsor: Alex Elias, Information Representation Services Director, NHS Digital

Note: New text is shown with a blue background. Deleted text is crossed out. Retired text is shown in grey. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

CD4 CELL COUNT

Change to Data Element: Changed Description

Format/Length:	max n4
National Codes:	
Default Codes:	

Notes:

[CD4 CELL COUNT](#) is the result of the [Clinical Investigation](#) which measures the [PATIENT](#)'s CD4 cell count (an indicator of the

progress of an Human Immunodeficiency Virus (HIV) infection), where the UCUM UNIT OF MEASUREMENT is 'Cubic Millimetre (mm³)'. CD4 CELL COUNT is the result of the Clinical Investigation which measures the PATIENT's CD4 cell count (an indicator of the progress of an Human Immunodeficiency Virus (HIV) infection), where the UCUM UNIT OF MEASUREMENT is 'cells per cubic millimetre (mm³)'.

VIRAL LOAD COUNT

Change to Data Element: Changed Description

Format/Length:	max n7
National Codes:	
Default Codes:	

Notes:

VIRAL LOAD COUNT is the result of the Clinical Investigation which measures the PATIENT's viral load count, where the UCUM UNIT OF MEASUREMENT is 'Millilitres (m)'. VIRAL LOAD COUNT is the result of the Clinical Investigation which measures the PATIENT's viral load count, where the UCUM UNIT OF MEASUREMENT is 'copies per millilitre (mL)'.

HIV AND AIDS REPORTING DATA SET XML SCHEMA CONSTRAINTS

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the [HIV and AIDS Reporting Data Set](#).

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
CONSULTATION MEDIUM USED	None	01,02,03,04,05	None	None	National Code 06 and 98 not applicable - removed
ETHNIC CATEGORY	max an2	None	National Code 06 and 98 not applicable - removed		
COUNTRY CODE (BIRTH)	None	None	None	[A-Z] [A-Z] [A-Z]	Format pattern applied to allow correct reporting of COUNTRY CODE (BIRTH)
COUNTRY CODE (HIV INFECTION)	None	None	None	[A-Z] [A-Z] [A-Z]	Format pattern applied to allow correct reporting of COUNTRY CODE (HIV INFECTION)
DATE AND TIME DATA SET CREATED	None	None	None	(19)20 \d\d-(0 [1-9])1 [012])-(0 [1-9])12 [0-9]3 [01])T((0 [1-9])1 [0-9]2 [0-3]): ([0-5] [0-9]): ([0-5] [0-9])	Format pattern applied to allow correct reporting of DATE AND TIME DATA SET CREATED
ETHNIC CATEGORY	max an2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be

					for local use. Format/Length amended to max an2.	
GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)	min an3 max an12	Removed	None	None	Field size extended to future proof for ODS ORGANISATION CODE changes	
HARS SUBMISSION IDENTIFIER	None	None	Field size extended to future proof for ODS ORGANISATION CODE changes			
HARS MESSAGE VERSION IDENTIFIER	None	None	None	\d.\d.\d	Format pattern applied to allow correct reporting of HARS MESSAGE VERSION IDENTIFIER	
HARS SUBMISSION IDENTIFIER	None	None	None	[0-9A-F]{8} -[0-9A-F]{4} -[0-9A-F]{4} -[0-9A-F]{4} -[0-9A-F]{12}	Format pattern applied to allow correct reporting of HARS SUBMISSION IDENTIFIER	
HARS UNIQUE IDENTIFIER	None	None	None	[0-9A-F]{8} -[0-9A-F]{4} -[0-9A-F]{4} -[0-9A-F]{4} -[0-9A-F]{12}	Format pattern applied to allow correct reporting of HARS UNIQUE IDENTIFIER	
ORGANISATION CODE (CODE OF PROVIDER)	min an3 max an12	Removed	None	None	Field size extended to future proof for ODS ORGANISATION CODE changes	
ORGANISATION CODE (CODE OF SUBMITTING ORGANISATION)	min an3 max an12	None	None	None	Field size extended to future proof for ODS ORGANISATION CODE changes	
SITE CODE (OF PREVIOUS HIV CARE)	min an3 max an12	Removed	None	None	Field size extended to future proof for ODS ORGANISATION SITE CODE changes	
SITE CODE (OF TREATMENT)	min an3 max an12	Removed	None	None	Field size extended to future proof for ODS ORGANISATION SITE CODE changes	
SITE CODE (REFERRED TO FOR SHARED HIV CARE)	min an3 max an12	None	None	None	Field size extended to future proof for ODS ORGANISATION SITE CODE changes	
TEST OF RECENT INFECTION RESULT (HIV)	None	None	None	\d{1,3} \.\d{1}	Format pattern applied to allow correct reporting of TEST OF RECENT INFECTION RESULT (HIV)	
YEAR OF DIAGNOSIS OUTSIDE UNITED KINGDOM (HIV)	None	None	Format pattern applied to allow correct reporting of TEST OF RECENT INFECTION RESULT (HIV)			
YEAR AND MONTH FIRST	None	None	None	YYYY	(19 20)\d\d-[0-1-9] 1[012]	Format pattern applied to allow

STARTED ANTIRETROVIRAL THERAPY						correct reporting of YEAR AND MONTH FIRST STARTED ANTIRETROVIRAL THERAPY
YEAR AND MONTH OF LAST CARE PROFESSIONAL HIV COMMUNICATION	None	None	None	(19 20)\d\d-(0[1-9] 1[012])	Format pattern applied to allow correct reporting of YEAR AND MONTH OF LAST CARE PROFESSIONAL HIV COMMUNICATION	
YEAR AND MONTH OF LAST NEGATIVE HIV TEST	None	None	None	(19 20)\d\d-(0[1-9] 1[012])	Format pattern applied to allow correct reporting of YEAR AND MONTH OF LAST NEGATIVE HIV TEST	
YEAR OF DIAGNOSIS OUTSIDE UNITED KINGDOM (HIV)	None	None	None	(19 20){1}\d\d	Format pattern applied to allow correct reporting of YEAR OF DIAGNOSIS OUTSIDE UNITED KINGDOM (HIV)	
YEAR OF UK ENTRY	None	None	None	¥¥¥¥	(19 20){1}\d\d	Format pattern applied to allow correct reporting of YEAR OF UK ENTRY

For enquiries about this Change Request, please email information.standards@nhs.net

