



# Measure Authoring Tool Release Notes

---

Version 4.6.0  
September 23, 2016

## Table of Contents

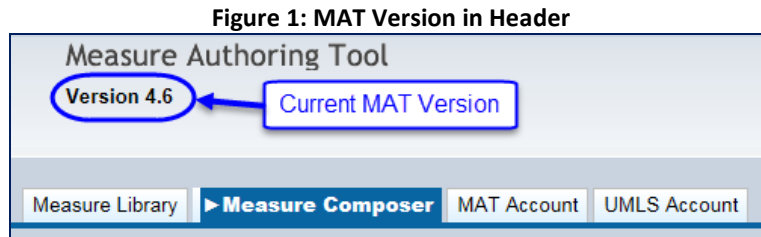
<b>ENHANCEMENTS</b>	<b>3</b>
1.1 ADDED MAT VERSION NUMBER TO HEADER AND TOOL TIP.	3
1.2 ADDED UNIT MEASUREMENT OF G/DL.	3
1.3 REMOVED DATATYPE 'RISK CATEGORY ASSESSMENT'.	4
1.4 REMOVED CATEGORY 'FUNCTIONAL STATUS'.	4
1.5 ADDED DATATYPE 'ASSESSMENT, PERFORMED'.	4
1.6 ADDED DATATYPE 'ASSESSMENT, RECOMMENDED'.	4
1.7 ADDED ATTRIBUTES TO NEW DATATYPES.	4
1.8 UPDATED QDM VERSION TO 4.3 FOR THE HQMF.	5
<b>SYSTEM FIXES</b>	<b>5</b>
2.1 TWO-FACTOR AUTHENTICATION REQUIRED ON THE FIRST LOG-IN ATTEMPT.	5
2.2 CORRECT CODE SYSTEM VERSION FOR CODES WITHIN CHILD VALUE SETS.	5
2.3 CORRECT CODE SYSTEM VERSION FOR LEGACY OR RETIRED CODES.	5
2.4 RETAIN ASSOCIATIONS FOR MULTIPLE POPULATIONS AND MEASURE OBSERVATIONS.	5
2.5 CORRECTED THE METHOD CODE TAG AND REFILLS CODE TAG ON THE HQMF.	5
2.6 MEASURE OBSERVATION SECTION FILTERING	6

## Enhancements

Measure Authoring Tool v4.6.0 enhancements are provided below. Where necessary, instructions for using the enhancements are included. Users are also encouraged to view the updated MAT User Guide for more details.

### 1.1 Added MAT Version Number to Header and Tool Tip.

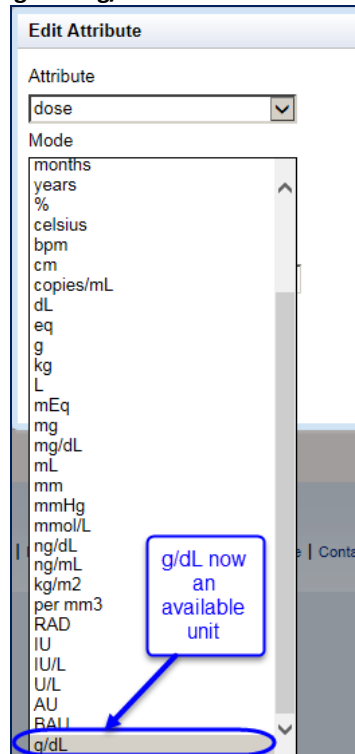
The current MAT version number will now display in the header of the tool and will show on the tool tip of any export package, packaged after the release.



### 1.2 Added Unit Measurement of g/dL.

g/dL is now available as a valid unit for use with your attributes while building a clause.

**Figure 2: g/dL as a unit of measure**



**1.3 Removed Datatype ‘Risk Category Assessment’.**

To align with the QDM release 4.3, the datatype ‘Risk Category Assessment’ and its associated attributes have been removed.

**1.4 Removed Category ‘Functional Status’.**

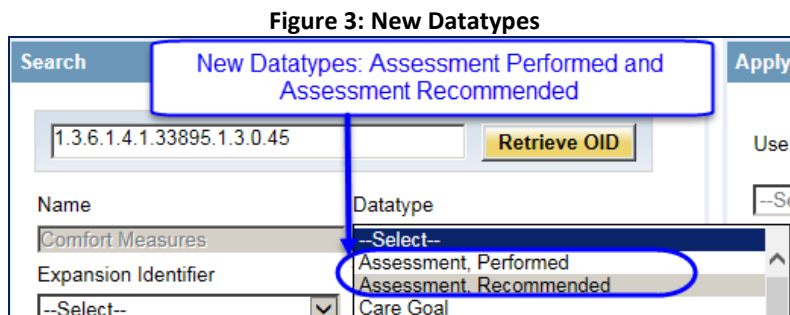
To align with the QDM release 4.3, the category ‘Functional Status’ and its associated datatypes and attributes have been removed.

**1.5 Added Datatype ‘Assessment, Performed’.**

To align with the QDM release 4.3, the datatype ‘Assessment, Performed’, has been added.

**1.6 Added Datatype ‘Assessment, Recommended’.**

To align with the QDM release 4.3, the datatype ‘Assessment, Recommended’, has been added.



**1.7 Added Attributes to New Datatypes.**

Attributes have been added to the two new datatypes, ‘Assessment, Performed’ and ‘Assessment, Recommended’, as required by each datatype.

**Figure 4: Attributes for New Datatypes**

<b>Datatype</b>	<b>Assessment Performed</b>	<b>Assessment Recommended</b>
<b>Attributes</b>	method	method
	negation rational	negation rational
	reason	reason
	result	start datetime
	start datetime	stop datetime
	stop datetime	Health Record Field
	Health Record Field	Source
	Source	Recorder
Recorder		

### **1.8 Updated QDM Version to 4.3 for the HQMF.**

The HQMF export will now show QDM version 4.3 for any measures packaged after the release of MAT v4.6.0. HQMF output was updated to match the latest version of the QDM based HQMF R2.1 implementation guide release 1.4

## **System Fixes**

The following fixes have been put into production with the MAT v4.6.0 release.

### **2.1 Two-factor authentication required on the first log-in attempt.**

Two-factor authentication is now required the very first time a new user logs into the Measure Authoring Tool using the temporary password provided by the MAT Help Desk.

### **2.2 Correct Code System Version for Codes Within Child Value Sets.**

We have updated the output to match the code system versions for each of the codes within a grouping value set as provided from VSAC.

### **2.3 Correct Code System Version for Legacy or Retired Codes.**

Any value sets containing legacy codes will now show on the Value Set Spreadsheet in the exports of the Measure Authoring Tool, with the correct Code System Version.

### **2.4 Retain Associations for Multiple Populations and Measure Observations.**

The measure packager is now retaining the associations of multiple initial populations and of measure observations. If a population is removed from the package grouping and then later returned, the associations previously defined will stay with that population.

### **2.5 Corrected the method code tag and refills code tag on the HQMF.**

The method code tag and the refills code tag are now showing in the correct position within the HQMF export file.

## **2.6 Measure Observation Section Filtering**

The HQMF will no longer show a Measure Observation section if the measure being packaged does not contain a Measure Observation. Any measure packaged with at least one Measure Observation, will retain the section in the HQMF.