Quality Data Model (QDM) User Group Meeting | Minutes

Meeting date | *08/18/2021 2:30 PM ET* | Meeting location|Webinar https://global.gotomeeting.com/join/980942653

Time	Item	Presenter	Discussion/Options/Decisions
5 Minutes	Announcements	Jen Seeman (ESAC)	• Cypress Tech Talk - August 24, 2021 • HL7 FHIR Connectathon - September 13-15, 2021 • Cooking with CQL - September 16, 2021 • HL7 Plenary Session and Working Group Meeting - September 20-24, 2021 • Next QDM User Group Meeting may be cancelled due to the September HL7 FHIR Connectathon. The next QDM User Group call after that is - October 20, 2021
5 Minutes	HL7 FHIR Connectathon 28	Floyd Eisenberg (ESAC)	• The next HL7 FHIR Connectathon will be held **VIRTUALLY** between September 13-15, 2021. • If you have not previously attended a Connectathon, HL7 has recorded a newcomer orientation session that is available here. • There is a fee to attend the Connectathon. Registration closes on Monday, August 30th. • The CMS eCQM Standards Team will continue to participate in the Clinical Reasoning Track to focus on the testing of the Fast Healthcare Interoperability Resources (FHIR®) standards for use with electronic clinical quality measurement. Visit the Track page for more information on the objectives and the CMS Measures that will be tested. • If you would like to lead or suggest a track session, or have any questions, please email fhir@esacinc.com.
45 Minutes	QDM Known Issues	Floyd Eisenberg (ESAC)	**Overview:** **eCQI Resource Center QDM Page:** https://ecqi.healthit.gov/qdm QDM Known Issues • New - QDM 5.6 text issue identified • QDM Immunization, Administered timing attribute advisory (QDM 5.4) • QDM Procedure, Performed completion time (All QDM versions) • Differentiating Elective Vs Emergent or Urgent Procedures (QDM 5.5) • QDM Negation Rationale Timing (QDM 5.4, 5.5 and 5.6) • QDM Encounter, Performed diagnosis attribute timing (QDM 5.4, 5.5, 5.6) • QDM Assessment, Performed Timing (QDM 5.3 and 5.4)

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			• QDM QDM Medication Active Timing (QDM 5.4, 5.5 and 5.6) • QDM Laboratory Test Performed Timing (QDM 5.4, 5.5 and 5.6) • QDM 5.5 Section 2.6.5 Errata (QDM 5.5) **New - QDM 5.6 text issue identified** Entity section (text before Table 4 on page 11): Any actor (defined as a performer of an action) can use any QDM entity: 　*An eCQM developer can require further detail for each of the actors associated with QDM datatypes that represent actions, as noted in Table 4, by using a QDM entity to describe the actor* However, the details in the Attribute Table (Table 29) is missing some text (Location): • *recorder* attribute (page 71), the word *'prescriber'* in the description should be *'recorder'* and Location should be in the list of the entities in the parentheses, i.e., (Patient, Care Partner, Practitioner, Organization, or Location) • *performer* attribute (page 68) didn't list all the entities that can be used (Patient, Care Partner, Practitioner, Organization, or Location); i.e., Location was missing and should be there • *prescriber* attribute (page 69) should also include Location as well as the other entities listed; i.e., (Patient, Care Partner, Practitioner, Organization, or Location) Confirmed - the QDM 5.6 modelInfo does allow any QDM entity for all *actor* attributes. QDM Entities: Patient, RelatedPerson, Practitioner, Organization, Location MAT and Bonnie team confirmed that any QDM entity can be applied to any *actor* attribute; i.e., the tools are not affected by the missing text noted. • Should ESAC publish a QDM Known Issue for QDM 5.6 to indicate the missing text and the fact that the MAT and Bonnie capabilities are not affected? • Is an errata version of QDM 5.6 necessary? **Discussion:** Paul Denning (MITRE) asked if this impacts the QDM to QI-Core mapping. ESAC responded that this does not impact the mapping because all entities are listed in QI-Core. Paul asked if this creates an issue for Bonnie patient conversion to FHIR. ESAC noted this will not impact

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			patient conversion as it only applies to new measures; no existing measures use the QDM entities. **Review of Existing QDM Known Issues** **eCQI Resource Center QDM Page:** https://ecqi.healthit.gov/qdm Consider - Should the eCQI Resource Center link to the specific Known Issue directly from the respective QDM attribute? QDM Known Issues - QDM Immunization, Administered timing attribute advisory (QDM 5.4) - Provides guidance for QDM 5.4 which did not have an administration date time, only a period. In QDM v5.5 and 5.6 there is an administration *relevant dateTime* to reference to the time the immunization was administered. - QDM Procedure, Performed completion time (All QDM versions) - General advice to help express that a procedure was successfully completed. Addressing procedure adequacy in an eCQM requires careful review of data feasibility, reliability and validity based on actual clinical documentation. - Differentiating Elective Vs Emergent or Urgent Procedures (QDM 5.5) - In 5.5, recommends measure developers to avoid use of the "Procedure, Performed" *priority* attribute. There is no priority attribute in in 5.6. - QDM Negation Rationale Timing (QDM 5.4, 5.5 and 5.6) - The negation rationale attribute value indicates a one-time documentation of a reason an activity is not performed and must always use the *author dateTime* attribute to reference timing. - QDM Encounter, Performed diagnosis attribute timing (QDM 5.4, 5.5, 5.6) - In QDM 5.5 or QDM 5.6, to reference an encounter diagnosis, the expression must include the diagnosis *code* component. The *PresentOnAdmissionIndicator* and *rank* are optional components. The expression should only include the *presentOnAdmissionIndicator* code and, or the rank if it is necessary to reference present on admission or principal diagnosis. - QDM Assessment, Performed Timing (QDM 5.3 and 5.4) - QDM 5.5 and 5.6 added *relevant dateTime* to help with specification of timing for assessments.

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			• QDM QDM Medication Active Timing (QDM 5.4, 5.5 and 5.6)
			  ○ The QDM datatype "Medication, Active" includes several time-related attributes: *relevant dateTime*, *relevantPeriod*, *startTime*, and *stopTime*. The definition for "Medication, Active" *relevantPeriod stopTime* is updated to: "when the medication is no longer active."
			• QDM Laboratory Test Performed Timing (QDM 5.4, 5.5 and 5.6)
			  ○ The definition for *result dateTime* is updated to be consistent with FHIR R4 Observation.issued: The date and time this version of the observation was made available to providers, typically after the results have been reviewed and verified.
			• QDM 5.5 Section 2.6.5 Errata (QDM 5.5)
			  ○ Describes entities and provided examples.
			
			Discussion:
			Should the eCQI Resource Center link to the specific Known Issue directly from the respective QDM attribute? Should any issue 5.4 or older that does not also impact 5.5 or 5.6, be archived? Juliet Rubini (Mathematica) thought this may be useful. Howard Bregman (Epic) did not see any value in adding the link. Julia Dawson (TJC) thought the general link would be useful and suggested there is no need to archive older issues.
			
			Resolution/Next Steps:
			The User Group had no concerns with adding a new Known Issue for the QDM 5.6 text issue identified**.** The User Group expressed some support for adding links to the Known Issues github site. ESAC will take this feedback to the eCQI Resource Center.

15 Minutes	General Discussion	Floyd Eisenberg (ESAC)	None at this time.

5 Minutes	Next Meeting	Traci Psihas (ESAC)	**Agenda items for next QDM user group meeting**
			  – Contact us at qdm@esacinc.com
			  – Or start a discussion: qdm-user-group-list@esacinc.com
			Next user group meeting
			  – October 20, 2021 from 2:30 to 4:30 PM ET.

Invitees/Attendees:

Attended	Name	Organization	Attended	Name	Organization
N/A	Abrar Salam	The Joint Commission	N/A	L Dejesus	Informedika
N/A	Alex Borenstein	Greenway Health	N/A	Lisa Anderson	NCQA
N/A	Alex Lui	Epic	N/A	Lizzie Charboneau	MITRE
N/A	Alyson Narveson	Nebraska Health Network	N/A	Lynn Perrine	Lantana
X	Amanda Grant	NCQA	N/A	Maggie Lohnes	IMPAQ
N/A	Andy Kubilius	The Joint Commission	N/A	Marc Hadley	MITRE
X	Angela Flanagan	Lantana	N/A	Marc Hallez	The Joint Commission
N/A	Ann-Marie Dunn	Cerner	N/A	Marc Overhage	Cerner
N/A	Ann Philips	NCQA	N/A	Margaret Dobson	Zepf Center
N/A	Anna Bentler	The Joint Commission	N/A	Matt Hardman	Unknown
X	Anne Coultas	All Scripts	N/A	Marilyn Parenzan	The Joint Commission
N/A	Anne Smith	NCQA	N/A	Martha Radford	NYU
N/A	Amira Elhagmusa	Battelle	N/A	Melissa Van Fleet	Alliance Health Oklahoma
N/A	Balu Balasubramanyam	MITRE	N/A	Mia Nievera	The Joint Commission
N/A	Ben Hamlin	NCQA	N/A	Michael Mainridge	Unknown
N/A	Beth Bostrom	AMA	X	Michael Ryan	NCQA
N/A	Brian Blaufeux	Northern Westchester Hospital	N/A	Mike Nosal	MITRE
N/A	Bidget Blake	MITRE	N/A	Michelle Dardis	Mathematica
N/A	Bryn Rhodes	ESAC	N/A	Michelle Hinterberg	MediSolv
N/A	Carolyn Anderson	Primary care practice	N/A	Michelle Lefebvre	IMPAQ
N/A	Chana West	CDQ Solutions	N/A	Mike Shoemaker	Telligen
N/A	Chris Moesel	MITRE	N/A	Mukesh Allu	Epic
N/A	Cindy Lamb	Telligen	N/A	Nayaab Baig	NCQA
N/A	Claudia Hall	Mathematica	N/A	Neelam Zafar	The Joint Commission
N/A	Corrie Dowell	BSW Health	N/A	Nicole Hunter	Semantic Bits
N/A	Dalana Ostile	Providence Health Systems	N/A	Pamela Mahan-Rudolph	Memorial Hermann
N/A	Dawn Lane	Covenant Health	X	Paul Denning	MITRE
X	Dave Mishler	Care Evolution	X	Peter Muir	ESAC
N/A	David Clayman	Allscripts	N/A	Piper Ranallo	AAN
N/A	Debbie Hall	University of Maryland	N/A	Qainta Harris	Arise Medical Center
N/A	Debbie McKay	Unknown	N/A	Rachel Buchanan	Oregon Urology
N/A	Deidre Sacra	McKesson	N/A	Rajvi Shah	Unknown
N/A	Doug Goldstein	Epic	N/A	Rayna Scott	PCPI
X	Dorothy Lee	NCQA	N/A	R Swaineng	Swaineng Associates
X	Evelyn Cody	Mathematica	N/A	Rebeccah Baer	NCQA
N/A	Fern McCree	NCQA	X	Rebecca Swain-Eng	Swain Eng Associates
X	Floyd Eisenberg	ESAC	N/A	Rhonda Schwartz	ESAC
N/A	Gary Rezik	QIP	N/A	Rob McClure	MD Partners
N/A	Ganesh Shanmugam	Glenwood Systems	N/A	Robin Holder	Unknown
N/A	Gayathri Jayawardena	ESAC	N/A	Rose Almonte	MITRE
N/A	Grace Glennon	Yale CORE	N/A	Ruth Gatiba	Battelle

Attended	Name	Organization
X	Howard Bregman	Epic
X	Isbelia Briceno	Cerner
N/A	Jamie Lehner	PCPI
N/A	Jana Malinowski	Cerner
X	Jen Seeman	ESAC
N/A	Jenna Williams-Bader	NCQA
N/A	Jill Shuemaker	VCU Health
N/A	John Carroll	The Joint Commission
N/A	John Lujan	Kaiser Permanente
N/A	Jessica Smails	Caradigm
N/A	Joe Bormel	Cognitive Medicine
N/A	Joseph Kunisch	Memorial Hermann
N/A	Johanna Ward	Mathematica
N/A	Jorge Belmonte	PCPI
X	Julia Dawson	The Joint Commission
X	Juliet Rubini	Mathematica
N/A	Justin Schirle	Epic
N/A	Jay Frails	Meditech
X	Katie Magoulick	IMPAQ
N/A	Kathy Carson	SemanticBits
N/A	Kathy Clous	Memorial Care
X	Kimberly Smuk	Mathematica
N/A	KP Sethi	Lantana
N/A	Latasha Archer	NCQA
N/A	Laura Pearlman	Midwest Center for Women's Healthcare
N/A	Laurie Wissell	Allscripts

Attended	Name	Organization
N/A	Ryan Clark	NCQA
N/A	Ryan Guifoyle	Unknown
N/A	Samuel Benton	NCQA
N/A	Sarah Sims	My Patient Insight
N/A	Sethuraman Ramanan	Cognizant
N/A	Sheila Aguilar	TJC
N/A	Shellie T	Unknown
N/A	Stan Rankins	Telligen
N/A	Susan Wisnieski	Meditech
X	Sweta Shah	NCQA
N/A	Syed Zeeshan	eDaptive Systems
N/A	Tammy Kuschel	McKesson
N/A	Tess Rayle	Unknown
N/A	Thoma Hudson	Parkview
N/A	Tom Dunn	Telligen
X	Traci Psihas	ESAC
N/A	Vaspaan Patel	NCQA
N/A	Wendy Wise	Lantana
X	Yan Heras	ESAC
X	Yanyan Hu	The Joint Commission
N/A	Yiscah Bracha	RTI
N/A	Yvette Apura	ASCO
N/A	Zahid Butt	MediSolv
N/A	Zeeshan Pasha	Unknown
N/A	N/A	N/A
N/A	N/A	N/A