Cypress™

Cypress Tech Talk

February 23, 2021

The Office of the National Coordinator for
Health Information Technology

MITRE

Agenda

- Software Updates
    - Cypress 6.1.1 Updates
    - Cypress 6.1.2 Updates
    - Bundle Updates
- Recent Issue
    - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

Software Updates

Cypress 6.1.1 Update

- **In the previous Cypress version, CVU+ calculations were not properly accounting for negated valuesets**
  - Caused by an update to save certain patient information during CVU+ calculations
  - Patient negation adjustments did not get appropriately saved
- **Cypress 6.1.1 update saves negation adjustments**
  - Released January 6, 2021

Software Updates
Cypress 6.1.2 Update

- **Announcement on the eCQI Resource Center**
  - https://ecqi.healthit.gov/updated-2021-cms-qrda-iii-implementation-guide-schematron-and-sample-files-support-mips-apm-entity-reporting
  - "The Centers for Medicare & Medicaid Services (CMS) has published an update of the 2021 Quality Reporting Document Architecture (QRDA) Category III Implementation Guide (IG), Schematron, and Sample Files for Eligible Clinicians and Eligible Professionals Programs. The updated 2021 CMS QRDA III IG includes the addition of Merit-Based Incentive Payment System (MIPS) Alternative Payment Model (APM) Entity reporting for QRDA III submissions."
- **Cypress 6.1.2 updates the schematron and adds MIPS APM Entity**
  - Release date February 11, 2021

Software Updates
Bundle Updates

- **Bundle update to 2020.0.5**
  - Bundle deprecation can be used to replace previously installed bundle with 2020.0.5
  - New bundle is available to download from the demo server

- **Master Patient List Calculations Updated**
  - Calculations displayed in **Master Patient List** updated to reflect updated guidance for Relevant dateTime/Relevant Period

- **Timing issues update**
  - Patients: CMS771 5, BH Peds Z1, BH Peds Z4, BH Peds Z5, BH Peds Z6
  - QRDA Category I reports using timezone offsets (other than UTC) could experience calculation discrepancies due to daylight savings.

Recent Issue

Cypress Known Issues Dashboard

- https://oncprojectracking.healthit.gov/support/secure/Dashboard.jspa?selectPageId=18000

- The dashboard collects all labeled known issues in one place, sorted by Cypress version

- Easily navigate to the dashboard from the Cypress summary page

Cypress Known Issues

Filter Results: Cypress Known Bugs 6.0.0

Summary	2021 Performance Period EP/EC eCQMs	2021 Reporting Period EH/CAH eCQMs	Solution
CMS72v9-QRDA1 issue			
CMS134v9 Denominator Exclusion count	CMS134v9/NQFna		
CMS68v10 procedure performed incomplete issue			
CMS-190v9 C1 Sample testing returning Internal Error with code nullFlavor in Facility Location			
CMS-108/190 returning warning when submitting Z29 VTE for C1/C3 testing			

1–5 of 5

Cypress Versions

Version	Dates	Measures Supported
V5.4.2	September 17, 2020	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains updates to support telehealth checking.
V6.1.1	January 6, 2021	Update to CVU+ calculations to fix valueset negations.
V6.1.2	February 11, 2021	Updates to support new schematron and MIPS APM Entity for the 2021 reporting/performance period eCQMs.

Bundle Version	Dates	Features
2019.2.0	September 17, 2020	**Cypress v5 only** CQL-based measures released in 2019 for the 2020 reporting year. Contains updates for ELM issues found in CMS128v8, CMS146v8, and CMS56v8.
2020.0.4	October 15, 2020	**Cypress v6 only** CQL-based measures released in 2020 for the 2021 reporting year. Updated patients to use relevant dateTime or relevant period, as appropriate.
2020.0.5	February 19, 2021	**Cypress v6 only** Calculations for Master Patient List updated to reflect updated guidance for Relevant dateTime/Relevant Period and addresses issues with time zone offsets.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, March 9, 2021 at 1pm ET
- To join online, visit: https://global.gotomeeting.com/join/529898157
- To join via phone, dial: 1-646-749-3122
- Meeting Number: 529 898 157
- Meeting link, as well as a calendar event file, available at:
    - https://www.healthit.gov/cypress/techtalks.html

Notes

- **Completed Webinars will be posted on the Cypress website on the Tech Talks tab**

  – https://www.healthit.gov/cypress/techtalks.html

- **Send questions and feedback to the Cypress Talk List at**

  – project-cypress-talk@googlegroups.com

- **Report bugs and issues to the Cypress JIRA at**

  – https://oncprojectracking.healthit.gov/support/browse/CYPRESS

Glossary

- **API – Application Programming Interface**
- **CQL – Clinical Quality Language**
- **CVU – Cypress Validation Utility**
- **CVU+ – Cypress Validation Utility Plus Calculation Check**
- **EC – Eligible Clinician**
- **eCQM – Electronic Clinical Quality Measure**
- **EH – Eligible Hospital**
- **EP – Eligible Professional**
- **HL7 – Health Level Seven International**
- **IG – Implementation Guide**
- **QPP – Quality Payment Program**
- **QRDA – Quality Reporting Document Architecture**
- **UMLS – Unified Medical Language System**