

# Cypress Tech Talk

## Cypress™

June 24, 2025



**MITRE**



# Agenda

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- Software Updates
  - Cypress 7.4.0
- 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 7.4 (2026 Annual Update)

- **Cypress 7.4.0 for the 2026 Annual Update was released on 6/18/2025**
- **Cypress Features**
  - Supports the §170.315(c)(1), §170.315(c)(2), §170.315(c)(3), and §170.315(c)(4) certification criteria.
  - For the 2025 and 2026 Reporting Period:
    - Supports validation with Health Level Seven International (HL7) Clinical Document Architecture (CDA®) R2 Implementation Guide: Quality Reporting Document Architecture (QRDA) I, Release 1, Standard for Trial Use (STU) Release 5.3 - US Realm.
    - Supports validation with HL7 CDA® Release 2 Implementation Guide: QRDA III, Release 1
  - Supports the eCQMs for eReporting for the 2025 Reporting Period (eCQM value sets as of May 2, 2024).
  - Supports the eCQMs for eReporting for the 2026 Reporting Period (eCQM value sets as of May 8, 2025).
- **Cypress Validation Utility + Calculation Check (CVU+) Features**
  - Supports validation with the CMS Implementation Guides for QRDA Category I – Implementation Guide for 2025 and 2026.
  - Supports validation with the CMS Implementation Guides for QRDA Category III – Implementation Guide for 2025 and preliminary support for 2026.

# Updated eCQM Specifications and Implementation Resources for 2026 Performance/Reporting Period

- On May 8, CMS posted the electronic clinical quality measure (eCQM) specifications for the 2026 performance/reporting period
- The updated eCQM specifications are available on the [Electronic Clinical Quality Improvement](#) (eCQI) Resource Center for [Hospital - Inpatient](#), [Hospital – Outpatient](#), and [Eligible Clinician](#) pages under the 2026 performance/reporting period.
- The 2026 performance/reporting period eCQM value sets are available through the National Library of Medicine's [Value Set Authority Center \(VSAC\)](#).
- Program Candidate Measure Information
  - Measures that are developed, but not yet finalized for reporting in a CMS program. These measures will not be eligible for CMS quality reporting until they are proposed and finalized through notice-and-comment rulemaking for each applicable program.
  - The 2026 Annual Update includes 2 Eligible Clinician Program Candidate Measures
    - CMS1154v1 - Screening for Abnormal Glucose Metabolism in Patients at Risk of Developing Diabetes
    - CMS1173v1 - Diagnostic Delay of Venous Thromboembolism in Primary Care

# Federal Administrative Sex Value Set

- The eCQMs for the 2026 Reporting Period have been updated to use the Federal Administrative Sex Value Set (2.16.840.1.113762.1.4.1021.121)

Expanded Code List

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Code	Descriptor	Code System	Version	Code System OID
~ <input type="text"/>	~ <input type="text"/>	~ <input type="text"/>	~ <input type="text"/>	~ <input type="text"/>
248152002	Female (finding)	SNOMEDCT	2024-09	2.16.840.1.113883.6.96
248153007	Male (finding)	SNOMEDCT	2024-09	2.16.840.1.113883.6.96

- Prior eCQMs had used the ONC Administrative Sex Value Set (2.16.840.1.113762.1.4.1)

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View 1 - 2 of 2

Code	Descriptor	Code System	Version	Code System OID
~ <input type="text"/> x	~ <input type="text"/> x	~ <input type="text"/> x	~ <input type="text"/> x	~ <input type="text"/> x
F	Female	AdministrativeGender	3.0.0	2.16.840.1.113883.5.1
M	Male	AdministrativeGender	3.0.0	2.16.840.1.113883.5.1

# Representing Federal Administrative Sex in QRDA

- The HL7 QRDA Implementation Guides restrict the administrativeGenderCode element to the codes from the Administrative Gender code system

2. This patient **SHALL** contain exactly one [1..1] **administrativeGenderCode**, which **SHALL** be selected from ValueSet [Administrative Gender \(HL7 V3\)](#)  
urn:oid:2.16.840.1.113883.1.11.1 **DYNAMIC** (CONF:1198-6394).

**Table 289: Administrative Gender (HL7 V3)**

Value Set: Administrative Gender (HL7 V3) urn:oid:2.16.840.1.113883.1.11.1 (Clinical Focus: The gender of a person used for administrative purposes (as opposed to clinical gender)), (Data Element Scope: ), (Inclusion Criteria: All codes in the HL7 V3 AdministrativeGender code system), (Exclusion Criteria: )			
This value set was imported on 9/29/2020 with a version of Latest. Value Set Source: <a href="https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.1/expansion">https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.1/expansion</a>			
Code	Code System	Code System OID	Print Name
F	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Female
M	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Male
UN	Administrative Gender	urn:oid:2.16.840.1.113883.5.1	Undifferentiated

- The SNOMED CT codes must be expressed in the QRDA files using nullFlavor="OTH"

```
<administrativeGenderCode nullFlavor="OTH">
  <translation code="248153007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"/>
</administrativeGenderCode>
```

## Recent Issue

# Cypress Known Issues Dashboard

- <https://oncprojecttracking.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

Filter Results: Cypress Known Bugs 7.3.1			
Summary	2024 Performance Period EC eQMs	2024 Reporting Period EH/CAH eQMs	Solution
Question regarding "First SUD Episode During Measurement Period"	CMS0137v12		
1-1 of 1			

# Cypress Versions

Version	Dates	Release Note
<b>V7.2.2</b>	<b>February 8, 2024</b>	Removed references to certification editions
<b>V7.3.0</b>	<b>June 20, 2024</b>	Support for the 2025 performance/reporting period eQMs
<b>V7.3.1</b>	<b>August 1, 2024</b>	Support for the 2025 CMS Implementation Guides for QRDA Category III
<b>V7.3.2</b>	<b>January 16, 2025</b>	Supports updated 2025 CMS Implementation Guides for QRDA Category III
<b>V7.4.0</b>	<b>June 18, 2025</b>	Support for the 2026 performance/reporting period eQMs

Bundle Version	Dates	Features
<b>2023.0.0</b>	<b>June 22, 2023</b>	Measures and patients released in 2023 for the 2024 reporting year.
<b>2024.0.0</b>	<b>June 20, 2024</b>	Support for the 2025 performance/reporting period eQMs
<b>2024.0.0</b>	<b>June 18, 2025</b>	Support for the 2026 performance/reporting period eQMs



# OPEN DISCUSSION

# Next Cypress Tech Talk

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- Tuesday, July 22, 2025 at 1pm ET
- To join online, visit: <https://mitre.zoomgov.com/j/1605680758>
- To join via phone, dial: 1-551-285-1373
- Meeting Number: 160 568 0758
- Meeting link, as well as a calendar event file, available at:
  - <https://www.healthit.gov/cypress/techtalks.html>

# Notes

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- **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](mailto:project-cypress-talk@googlegroups.com)
- **Report bugs and issues to the Cypress JIRA at**
  - <https://oncprojecttracking.healthit.gov/support/browse/CYPRESS>

# Glossary

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- **API – Application Programming Interface**
- **CCDE – Core Clinical Data Elements**
- **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**