



Annual Updates for Hospital Harm: Opioid-Related Adverse Events eCQM (HH-ORAE) (CMS819v4) for 2026 Reporting Year

Expert to Expert Webinar Series

Broadcast Webinar
March 12, 2026
Continuing Education (CE)
Credit Available for Live
Webinar Attendance only

Webinar Platform – Functionality

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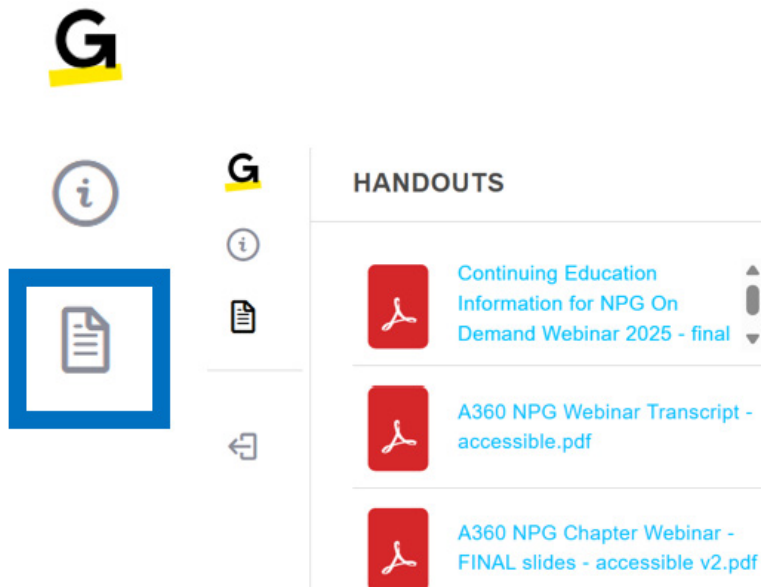
We will not be recognizing the Raise a Hand or Chat features.

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The slides are designed to follow Americans with Disabilities Act rules.



Access the Slides



Click document icon in the navigation pane

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Two weeks after this webinar, the slides will be accessible via the eCQI Resource Center and also on Joint Commission's website:

www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos

Continuing Education Information

Relevant information about Continuing Education (CE) credit can be found in attachment provided:

- Entities providing credit
- Requirements to earn credit
- Survey/attestation and certificate



Credit is available for this webinar for live broadcast attendance only.

Joint Commission maintains a participant's privacy and confidentiality per organizational policy. Please visit [Joint Commission's website](#) for more information on continuing education policies.

Participant Learning Objectives



Locate eCQM resources on the eCQI Resource Center.

Facilitate your organization's implementation of the Hospital Harm Opioid-Related Adverse Events eCQM annual updates for the 2026 reporting year.

Utilize answers to common issues/questions regarding the Hospital Harm Opioid-Related Adverse Events eCQM to inform 2026 use/implementation.

Topics Not Covered in this Program



Basic eCQM concepts

Topics related to chart abstracted measures

Process improvement efforts related to this measure

eCQM validation

- ensure your data is validated before submitting
- ensure that extreme outlier results are verified

Disclosure Statement

All staff and subject matter experts have disclosed that they do not have any conflicts of interest. For example, financial arrangements, affiliations with, or ownership of organizations that provide grants, consultancies, honoraria, travel, or other benefits that would impact the presentation of this webinar content.



Webinar Agenda



- Review the Hospital Harm Opioid-Related Adverse Events eCQM annual updates for Reporting Year 2026
- Overview of the measure flow/algorithm
- Frequently Asked Questions (FAQs)
- Live Q&A Segment

eCQM Specifications and Resources

A PDF handout includes directions to access the eCQM specifications, value sets, measure flow diagrams and technical release notes on the eCQI Resource Center.

Please see the [landing page for 2026 resources](#).

Please see the [landing page for 2026 specifications](#).

The screenshot shows the eCQI Resource Center website. The header includes the eCQI 10 Year Anniversary Resource Center logo and navigation links for eCQMs, dQMs, Resources, About, and Log Man: Acc. The main content area is titled 'Hospital - Inpatient eCQMs' and features a search filter for '2026' and 'eCQMs'. Below the filter, it states 'Find older eCQM specifications in the eCQM Standards and Tools Version table.' At the bottom, it indicates 'The 2026 Reporting Period has 17 Hospital - Inpatient eCQMs based on your filters:'.

Hospital Harm – Opioid-Related Adverse Events (HH-ORAE) (CMS819v4)

HH-ORAE – Background

Measure Description: This measure assesses the number of inpatient hospitalizations for patients age 18 and older who have been administered an opioid medication outside of the operating room and are subsequently administered a non-enteral opioid antagonist outside of the operating room within 12 hours, an indication of an opioid-related adverse event

Rationale and Intent:

- Opioid-based analgesia is the most used treatment in postoperative pain management
- Measure is intended to be used to identify and reduce unintended adverse events such as over-sedation, delirium, and respiratory depression. Administration of opioid antagonist is used as an indicator of a severe ORAE.
- Associated with increase in hospital length of stay (LOS), increase in the odds of death, higher costs, and higher risk of 30-day readmission
- Opioid-related adverse events are preventable with better monitoring and response
- Rates of inpatient ORAE indicate quality of care

2025 vs 2026 Reporting Year

Measure Components	2025 Reporting Year	2026 Reporting Year
Description	This measure assesses the number of inpatient hospitalizations for patients age 18 and older who have been administered an opioid medication outside of the operating room and are subsequently administered a non-enteral opioid antagonist outside of the operating room within 12 hours, an indication of an opioid-related adverse event	No change
Initial Population	Inpatient hospitalizations that end during the measurement period for patients age 18 and older and at least one opioid medication administration starts during the hospitalization outside of the operating room	No change

2025 vs 2026 Reporting Year (2)

Measure Components	2025 Reporting Year	2026 Reporting Year
Denominator	Equals Initial Population	No change
Numerator	<p>Inpatient hospitalizations where a non-enteral opioid antagonist administration starts during the hospitalization outside of the operating room and 12 hours or less following an opioid medication administered outside of the operating room.</p> <p>The route of administration of the opioid antagonist must be by intranasal spray, inhalation, intramuscular, subcutaneous, or intravenous injection.</p> <p>Only one numerator event is counted per encounter.</p>	No change

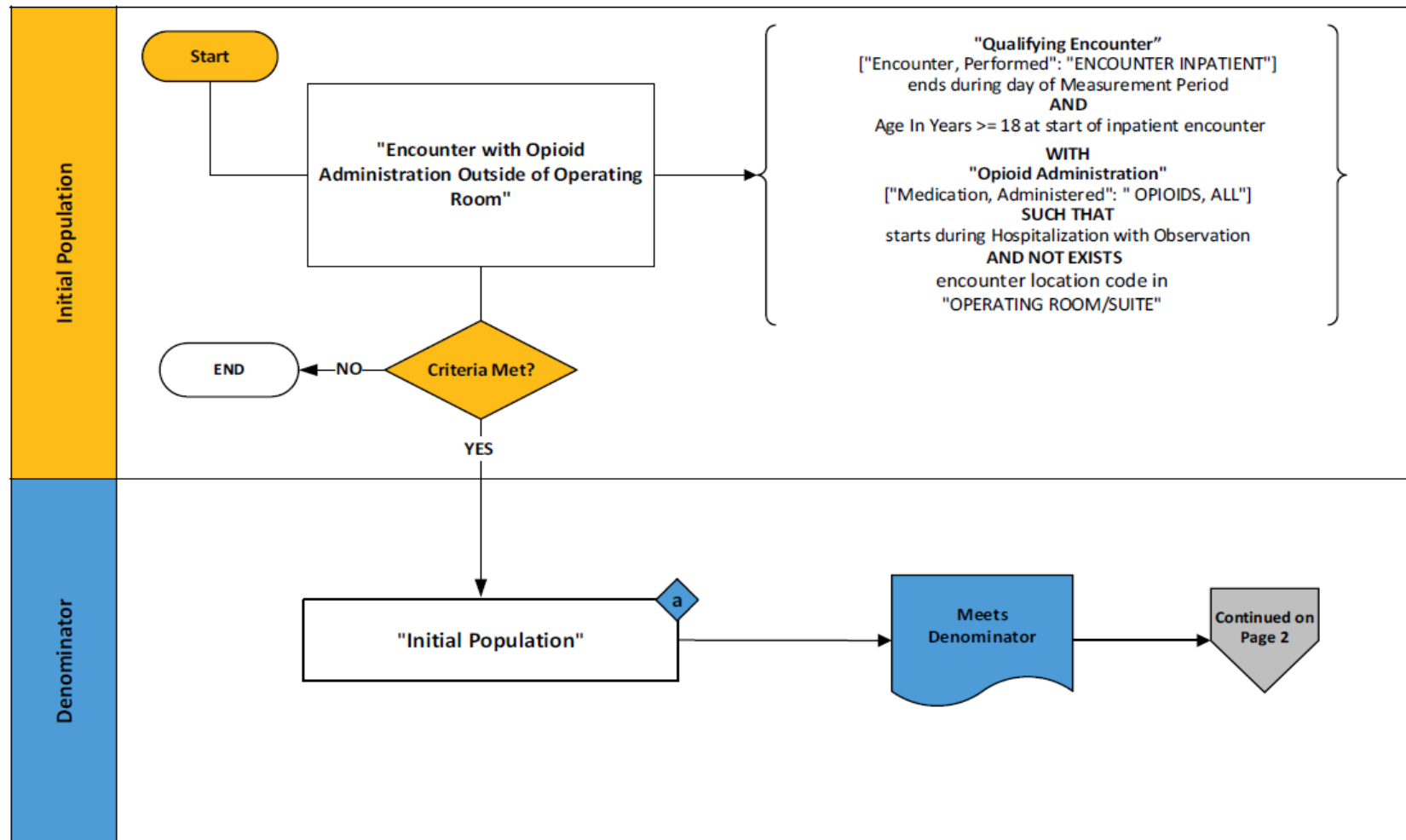
HH-ORAE – Resources

- CMS819v4 Measure Specification
 - <https://ecqi.healthit.gov/sites/default/files/ecqm/measures/CMS819-v4.2.000-QDM.html>
- Technical Release Notes
 - <https://ecqi.healthit.gov/sites/default/files/ecqm/measures/CMS819-v4.2.000-TRN.xlsx>

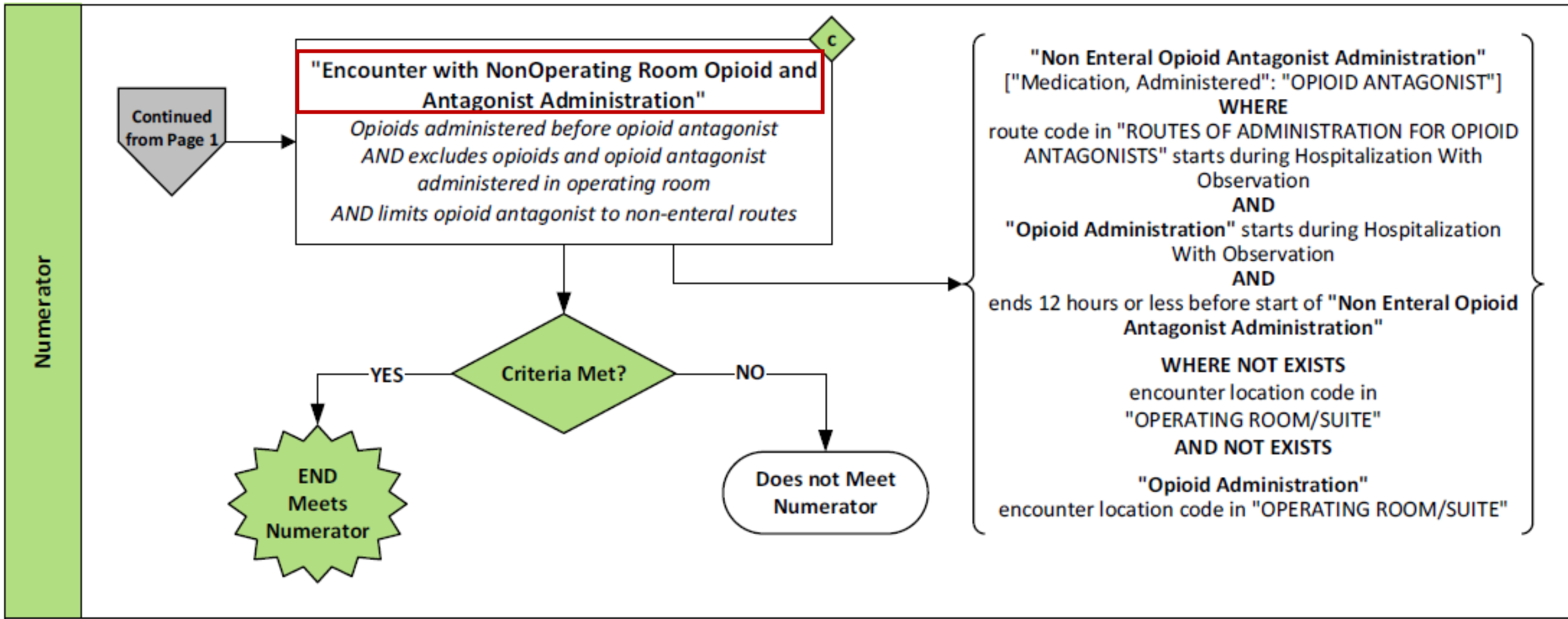
Hospital Harm - Opioid-Related Adverse Events (HH-ORAE) (CMS819v4)

Measure Flow and Logic Updates

Initial Population



Numerator



HH-ORAE Numerator

~~“Encounter with Non Enteral Opioid Antagonist Administered Outside of OR and within 12 Hrs After Opioid Administered Outside of OR”~~¹ “Encounter with Non Operating Room Opioid and

Antagonist Administration” From "Non Enteral Opioid Antagonist Administration"

NonEnteralOpioidAntagonistGiven,

"Opioid Administration" OpioidGiven,

"Denominator" InpatientHospitalization

let NonEnteralOpioidAntagonistGivenTime: Global."NormalizeInterval"

(NonEnteralOpioidAntagonistGiven.relevantDatetime,

NonEnteralOpioidAntagonistGiven.relevantPeriod),

OpioidGivenTime: Global."NormalizeInterval" (OpioidGiven.relevantDatetime,

OpioidGiven.relevantPeriod),

HospitalPeriod: Global."HospitalizationWithObservation" (InpatientHospitalization)

Non Enteral Opioid Antagonist Administration

["Medication, Administered": "Opioid Antagonist"] Antagonist

where Antagonist.route in "Routes of Administration for Opioid Antagonists"

Notes:

¹ Indicates text that contains strikethrough

² Indicates underlined text

Sample Calculation

Sample Calculation		
Performance Rate =	$\frac{\text{Numerator (c = 10)}}{\text{Denominator (a = 100)}}$	= 10%

Frequently Asked Questions (FAQ)

Question:

What are the routes of administration for opioids and opioid antagonists?

Answer:

Opioid antagonist: intranasal spray, inhalation, and intramuscular, subcutaneous, or IV injection.

Opioids: No route of administration requirement.

Resources

eCQI Resource Center – CMS EH Measures -

<https://ecqi.healthit.gov/eh-cah/ecqms>

Get Started with eCQMs -

https://ecqi.healthit.gov/ecqms?qt-tabs_ecqm=education

Teach Me Clinical Quality Language (CQL) Video Series -

<https://ecqi.healthit.gov/cql/education>

Hospitalization with Observation -

https://www.youtube.com/watch?v=3yqwOU2XcZM&ab_channel=CMSHHSgov

What is a Value Set? -

<https://register.gotowebinar.com/recording/4766956164118938369>



Additional Resources

Value Set Authority Center (VSAC) Support -

<https://www.nlm.nih.gov/vsac/support/index.html>

Expert to Expert Webinar Series - <https://www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos>

ASTP/ONC Issue Tracking System - <https://oncprojecttracking.healthit.gov/>

Live Q&A Segment



- Please submit questions via the question pane
- Click the Question mark icon in the toolbar
- Type and submit your question
- Include slide reference number when possible
- All questions not answered verbally during the live event will be addressed in a written follow-up Q&A document
- The follow-up document will be posted to the Joint Commission website in several weeks after CMS approval

Expert to Expert Webinar Series Slides and Operations Questions

To access webinar recording links, slides, and transcripts, visit

<https://www.jointcommission.org/en-us/knowledge-library/support-center/measurement/quality-measurement-webinars-videos>) and scroll down.

Questions about webinar operations or obtaining Continuing Education credit:

tjcwebinarnotifications@jointcommission.org



Webinars & Videos

The Joint Commission offers a variety of educational measurement-related webinars (live and on-demand), and other recorded video content. Topics include specific performance measures, reporting requirements, and topics that are clinically-, technically-, or statistically-focused. Webinars and videos address electronic clinical quality measures (eCQMs) and chart-abstracted measures used for accreditation and certification purposes. For additional information on each webinar or video series, see below.



Webinar Series



Pioneers in Quality General Sessions

Pioneers in Quality General Sessions provide information such as measurement requirements, changes in reporting, opportunities for engagement and/or recognition, and insights regarding data analysis of national clinical quality measurement data received. This generalized content is meant as education for hospitals and health systems to assist them in meeting current and future requirements.



eCQM Expert to Expert Series

Expert to Expert Webinar Series provides a deep-dive into measure intent, logic, and other clinical/technical aspects of electronic clinical quality measures (eCQMs) to assist hospitals and health systems in their efforts to improve eCQM data use for quality improvement. This series incorporates expertise from Joint Commission and other key stakeholders.



Video Shorts

Joint Commission produces a series of on-demand educational video shorts about electronic Clinical Quality Measures (eCQMs). Episodes are approximately 2-3 minutes in length and offer an engaging and contemporary approach to teach these complex and comprehensive topics. The eCQM video shorts lead the viewer to understand application of eCQM resources, eCQM constructs and Logic expression language concepts (CQL, FHIR).



Measure-Specific Webinars



Continuous Customer

Continuing Education Survey and Certificate

Also see the separate handout detailing the CE requirements.



Access survey via QR code

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Access survey via link in email

An automated email sent after this broadcast also directs you to the evaluation survey.



Survey open for 2 weeks

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Acronyms

Acronym	Definition
CBE	Consensus-Based Entity
CY	Calendar Year
eCQM	Electronic Clinical Quality Measure
ED	Emergency Department
EHR	Electronic Health Record
FY	Fiscal Year
HIQR	Hospital Inpatient Quality Reporting
IP	Initial Population
ICD-10	International Classification of Diseases, Tenth Revision
ORAE	Opioid Related Adverse Events
SNOMED CT	Systematized Nomenclature of Medicine - Clinical Terms
VSAC	Value Set Authority Center