

Scavenger Hunt



Use the ***Home Health Quality Reporting Program: Specifications for the Cross-Setting Quality Measure CY 2016 Final HH PPS Rule*** to fill in the blanks about the QM.

- There are **eight** blanks to fill in.
- We will debrief in 10 minutes.



Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

$$\frac{\text{Numerator}}{\text{Denominator}} = \frac{\text{The number of _____ quality episodes for patients whose assessment at the end of care indicates one or more new or worsened Stage 2–4 pressure ulcers compared to the start or resumption of care assessment.}}{\text{The number of quality episodes, except those that meet the exclusion criteria. HH quality episodes are defined by pairing assessments completed at the start or resumption of care with assessments completed at the end of care.}}$$

Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

- **New or worsened pressure ulcers** are determined based on examination of all assessments in a patient's quality episode for reports of Stage 2–4 pressure ulcers that were not present or were at a lesser stage on the SOC/ROC as evidenced by:
 - Stage 2 (M1313a) > 0, OR
 - Stage 3 (M1313b) > 0, OR
 - Stage 4 (M1313b) > 0.

Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

- **Denominator Exclusions:**

1. Episodes that end in a _____ are excluded from this measure as the Death at Home assessment does not contain the items needed to compute this measure.
2. Episodes without an assessment completed at the start or resumption of care and an assessment completed at the end of care are excluded.
3. Episodes are excluded if the discharge assessment does not have a usable response for M1313a, M1313b, or M1313c.

Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

- **Measure Time Window:**

- Calculated _____ using rolling 12 months of data.
- All complete quality episodes, except those that meet the exclusion criteria, during the 12 months will be included in the denominator and are eligible for inclusion in the numerator.
- For patients with multiple episodes during the 12-month time window, each episode is eligible for inclusion in the measure.

Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

- This measure will be risk-adjusted based on an evaluation of potential risk factors and their statistically significant impact on the outcome.
- Patients with characteristics or conditions that put them at increased risk for skin breakdown or impact their ability to heal are treated differently in the measure's calculation.
- Risk adjustment is used to account for the medical and functional complexity of the patients.

Percent of Residents or Patients with Pressure Ulcers That Are New or Worsened

- **Risk Adjustment Factors:**

1. Indicator of supervision/touching assistance or more at SOC/ROC for functional mobility item _____ (GG0170C).
2. Indicator of bowel incontinence at least occasionally on the initial assessment (M1620).
3. Have diabetes mellitus, _____ or peripheral arterial disease (M1028).
4. Indicator of Low Body Mass Index (BMI), based on Height (M1060a) and Weight (M1060b) on the SOC/ROC assessment.

Quality Measure Calculation Algorithm

***Calculate the agency observed score
(Steps 1 through 3).***

Step 1:

- Calculate the denominator count:
 - Calculate the total number of quality episodes with a selected target OASIS assessment in the measure time window that do not meet the exclusion criteria.

Quality Measure Calculation Algorithm

Step 2:

- Calculate the numerator count:
 - Calculate the total number of quality episodes in the denominator whose OASIS assessments indicates one or more new or worsened pressure ulcers at discharge compared to start or resumption of care.

Step 3:

- Calculate the agency's _____:
 - Divide the agency's numerator count by its denominator count to obtain the agency's observed rate; that is, divide the result of Step 2 by the result of Step 1.

Quality Measure Calculation Algorithm

Calculate the predicted rate for each quality episode (Step 4).

Step 4:

- Determine presence or absence of the pressure ulcer _____ for each patient.

Quality Measure Calculation Algorithm

Calculate the predicted rate for each quality episode (Step 5).

Step 5:

- Use patient-level covariates in a logistic regression model to calculate the episode-level predicted QM rate (the probability that the patient will experience an ulcer, given the presence or absence of risk characteristics measured by the covariates).

Quality Measure Calculation Algorithm

Calculate the agency predicted rate (Step 6).

Step 6:

- Once a predicted QM rate has been calculated for all quality episodes, calculate the mean agency-level _____ QM rate by averaging all episode-level predicted values for that agency.

Quality Measure Calculation Algorithm

Calculate national predicted rate (Step 7).

Step 7:

- Calculate the national predicted rate:

Once a predicted QM value has been calculated for all episodes, calculate the mean national-level predicted QM rate by averaging all episode-level predicted values. Note that the sample will include only those quality episodes with non-missing data for the component covariates.

Quality Measure Calculation Algorithm

Calculate the agency's risk-adjusted rate (Step 8).

Step 8:

- Calculate the agency-level risk-adjusted rate based on the:
 - Agency-level observed QM rate (step 3),
 - Agency-level average predicted QM rate (step 6), and
 - National average predicted QM rate (step 7), using the following formula:

Agency Risk Adjusted Rate Equals:

Agency Observed Rate + National Predicted Rate – Agency Predicted Rate

Updates to QM Specifications

- Updates regarding Quality Measure Specifications are provided on the Home Health **Spotlight** page on CMS' website:
<https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/HomeHealthQualityInits/HHQISpotlight.html>

The screenshot shows the CMS.gov website with the Home Health Quality Initiative Spotlight page. The page features a navigation bar with links to Home, About CMS, Newsroom, FAQs, Archive, Share, Help, and Print. Below the navigation bar is a search bar and a row of buttons for Medicare, Medicaid/CHIP, Medicare-Medicaid Coordination, Private Insurance, Innovation Center, Regulations & Guidance, Research, Statistics, Data & Systems, and Outreach & Education. The main content area is titled 'Spotlight' and includes a section 'About this Page' which states: 'The Spotlight page provides recent news and updates pertinent to the Home Health Quality Initiative. On this page you will find announcements about posting of resource guides and fact sheets, the availability of Q&A documents, information about Home Health Care, among other notifications.' Below this is a section 'Updates to Home Health Compare (HH Compare) Coming in 2017' with a date 'March 01, 2017'. The text describes the Public Comment Summary Report for the Home Health Functional Status Process Measure, which is now available on the Home Health Quality Measures webpage. It mentions that this cross-setting function quality measure is an application of the quality measure Percent of Long-Term Care Hospital Patients with an Admission and Discharge Functional Assessment and a Care Plan that Addresses Function (NQF #2631). A date 'February 24, 2017' is also listed, followed by a 'Spotlight Announcement'.