



# **The Quality Measures: Digging Beneath the Data**

*Presented by:*

**HARMONY UNIVERSITY**

*The Provider Unit of*

**Harmony Healthcare International, Inc.**

- ❖ **PPS & Case Mix Onsite Chart Audits**
- ❖ **MMQ Audits**
- ❖ **Seminars**
- ❖ **Consulting**
- ❖ **Program Development**
- ❖ **Mock Survey**
- ❖ **Sample RAC Reviews**
- ❖ **JCAHO**
- ❖ **5 Star Rating Analysis**

430 BOSTON STREET, SUITE 104

TOPSFIELD, MA 01983

TEL: 978.887.8919 ● FAX: 978.887.3738

[WWW.HARMONY-HEALTHCARE.COM](http://WWW.HARMONY-HEALTHCARE.COM)



1-800-530-4413



## The Quality Measures: Digging Beneath the Data

**HARMONY UNIVERSITY**  
The Provider Unit of  
Harmony Healthcare International, Inc.

Presented by:  
Jen Pettis, RN, WCC, RAC-MT, C-NE  
Director of Program Development

1

---

---

---

---

---

---

---

---



## Today's Objectives

- Review the Quality Measures (QMs) and MDS items impacting the measures.
- Articulate the basic calculation and the risk adjustments used in the QMs.
- Explain how the QMs are calculated.
- Identify key strategies to ensuring accuracy of the QMs.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

2

---

---

---

---

---

---

---

---



## The QMs: Background

- A component of **Nursing Home Quality Initiative (NHQI)**, first released in 2002
- The **MDS 2.0-based** measures were last updated (as was QM portion of the 5-Star Quality Rating) in **January 2011** (based on data available through September 30, 2010)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

3

---

---

---

---

---

---

---

---



### The QMs: Background



- Per CMS on Nursing Home Compare:
  - ◆ In early 2012, CMS will begin to display new quality measures based on MDS 3.0 nursing home resident assessments.
  - ◆ A 5 Star Overall Rating or a 5 Star Quality Measures Rating based MDS 3.0 will not be calculated until April 2012

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

4

---

---

---

---

---

---

---

---

---

---

### The QMs: Background



- Draft measures were ratified by the Board of the National Quality Forum (NQF) in February 2011.
- 21 QMs were endorsed at that time (17 were submitted by CMS).

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

5

---

---

---

---

---

---

---

---

---

---

### The QMs: Background



- Initially, CMS posted 17 draft measures which were expanded to a total of 29 QMs
- 16 of the draft QMs focus on influenza and pneumococcal vaccinations
- Providers should expect updates as MDS 3.0 data continues to be expanded but substantive changes to the measures are not expected

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

6

---

---

---

---

---

---


---

---

---

---





**Per CMS, the QMs are:**

---

- Valid and reliable
- Not benchmarks, thresholds, guidelines, or standards of care
- Based on care provided to the population of residents in a facility, not to any individual resident
- Not appropriate for use in a litigation action

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 7

---

---

---


---

---

---

---

---



**Quality Measures:  
The Basic Calculation**

---

- QMs begin as a simple fraction:
  - ◆ Numerator: all residents that trigger
  - ◆ Denominator: all residents of the facility minus exclusions
- Risk adjustment then refines raw QM scores to better reflect the status of residents in the facility.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 8

---

---

---


---

---

---

---

---



**Risk Adjustments: Exclusions**

---

- All but some of the vaccination measures use at least one exclusion.
- The prevalence of an outcome after exclusions is the **facility level observed score**.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 9

---

---

---

---

---

---

---

---



### Risk Adjustments: Covariates



- First, resident-level expected QM score is determined.
- These are averaged to determine a facility-level expected QM score.
- This is combined with the facility-level observed QM score to result in the facility-level adjusted QM score.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

10

---

---

---

---

---

---

---

---

---

---

### Risk Adjustments: Covariates



- Only three of the QMs are adjusted using resident level covariates for public reporting:
  - ◆ Percent of Residents With Pressure Ulcers That Are New or Worsened (Short Stay)
  - ◆ Percent of Residents Who Self-Report Moderate to Severe Pain (Long Stay)
  - ◆ Percent of Residents Who Have/Had a Catheter Inserted and Left in Their Bladder (Long Stay)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

11

---

---

---

---

---

---

---

---

---

---

### Quality Measures Key Definitions and Key Concepts



- Prevalence vs. Incidence
- Minimum sample size for public reporting??
- Uses of and key differences between the:
  - ◆ Quality Measures (QMs)
  - ◆ Quality Measures/Quality Indicators (QM/QIs)
  - ◆ Quality of Care and Life Indicators (QCLIs)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

12

---

---

---

---

---

---


---

---

---

---





**Definition: Target Period**

---

- The span of time that defines the QM reporting period (e.g., a calendar quarter)

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 13

---

---

---

---

---


---

---

---

---

---



**Definition: Stay**

---

- The period of time between a resident's entry into a facility and either (a) a discharge, or (b) the end of the target period, whichever comes first.
- A stay is also defined as a set of contiguous days in a facility.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 14

---

---

---

---

---


---

---

---

---

---



**Definition: Episode**

---

- A period of time spanning one or more stays.
- An episode begins with an admission and ends with either a discharge, or the end of the target period, whichever comes first.
- An episode starts with an admission entry

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 15

---

---

---

---

---

---


---

---

---

---





**Definition: Episode**

---

- The earliest of following ends an episode:
  - ◆ A discharge assessment with return not anticipated; or
  - ◆ A discharge assessment with return anticipated but the resident did not return within 30 days of discharge; or
  - ◆ A death in facility tracking record or
  - ◆ The end of the target period.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 16

---

---

---


---

---

---

---

---



**Definition: Admission**

---

- An admission occurs when the resident has:
  - ◆ Never been admitted to this facility before; or
  - ◆ Been in this facility previously and was discharged return not anticipated; or
  - ◆ Been in this facility previously and was discharged return anticipated and did not return within 30 days of discharge.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 17

---

---

---


---

---

---

---

---



**Definition: Reentry**

---

- A reentry occurs when the resident has:
  - ◆ Been discharged return anticipated, and
  - ◆ Returned to the facility within 30 days of discharge.

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 18

---

---

---

---

---

---

---

---



### Cumulative Days in Facility (CDIF)

- The total number of days within an episode during which the resident was in the facility.
- The **sum of the number of days within each stay** included in an episode.
- If an episode consists of more than one stay separated by time outside the facility (e.g., hospitalizations), **only those days within the facility** would count towards CDIF.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

19

---

---

---

---

---

---

---

---

---

---

### Long Stay vs. Short Stay

- **Short stay:** An episode with CDIF less than or equal to 100 days as of the end of the target period.
- **Long stay:** An episode with CDIF greater than or equal to 101 days as of the end of the target period.
- Special rules apply regarding **10/1/2010 transition** from MDS 2.0 to MDS 3.0

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

20

---

---

---

---

---

---

---

---

---

---

### Target Date

- For an **entry record**, the target date is equal to the **entry date (A1600)**.
- For a **discharge record or death-in-facility record**, the target date is equal to the **discharge date (A2000)**.
- For all other records, the target date is equal to the **assessment reference date (A2300)**.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

21

---

---

---

---

---

---

---

---

---

---



### Target Assessment (Short Stay)



- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310B = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310F = [10, 11]
- Within the selected episode
- The target date is no more than 120 days before the end of the episode

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

22

---

---

---

---

---

---

---

---

---

---

### Initial Assessment (Short Stay)



- First assessment following the admission entry record at the beginning of the resident's selected episode
- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01] or
  - ◆ A0310B = [01, 06] or
  - ◆ A0310F = [10, 11]

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

23

---

---

---

---

---

---

---

---

---

---

### Look-Back Scan (Short Stay)



- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310B = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310F = [10, 11]
- Scan all assessments within the selected episode

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

24

---

---

---

---

---

---

---

---

---

---



### Target Assessment (Long Stay)

- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310B = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310F = [10, 11]
- The target date is no more than 120 days before the end of the episode

---

---

---

---

---

---

---

---

---

---

### Prior Assessment (Long-Stay)

- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310B = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310F = [10, 11]
- Latest assessment that is 46 to 165 days before the target assessment.

---

---

---

---

---

---

---

---

---

---

### Look-Back Scan (Long Stay)

- Qualifying Reason for Assessment (RFA):
  - ◆ A0310A = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310B = [01, 02, 03, 04, 05, 06] or
  - ◆ A0310F = [10, 11]
- Scan all assessments within the selected episode with dates no more than 275 days prior to the target assessment

---

---

---

---

---

---

---

---

---

---



**The Percentage of Residents on a Scheduled Pain Medication Regimen on Admission Who Self-Report a Decrease in Pain Intensity or Frequency (Short Stay)**



**Numerator:**

- Short-stay residents with an initial assessment and a subsequent target assessment AND
- Who can self-report pain (on both assessments) AND
- Who are on a scheduled pain medication regime on their initial assessment AND
- Report a reduction in pain when compared to their earlier assessment or resolution of pain

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

28

---

---

---

---

---

---

---

---

---

---

---

---

**The Percentage of Residents on a Scheduled Pain Medication Regimen on Admission Who Self-Report a Decrease in Pain Intensity or Frequency (Short Stay)**



**Denominator:**

- Short-stay residents who have an initial and a target assessment AND
- Can self-report pain AND
- Are on a scheduled pain medication regime on the initial assessment

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

29

---

---

---

---

---

---

---

---

---

---

---

---

**The Percentage of Residents on a Scheduled Pain Medication Regimen on Admission Who Self-Report a Decrease in Pain Intensity or Frequency (Short Stay)**



**Exclusions**

- Missing or inconsistent data
- No opportunity for pain levels to improve because they were already at the lowest level possible on the initial assessment

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

30

---

---

---

---

---

---

---

---

---

---

---

---



### Percent of Residents Who Self-Report Moderate to Severe Pain (Short Stay)



#### Numerator:

- Short-stay residents with a target assessment that meets **either or both** of the following two conditions:
  - ◆ **Condition #1:** resident reports daily pain with at least one episode of moderate/severe pain
  - ◆ **Condition #2:** resident reports very severe/horrible pain of any frequency

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

31

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Who Self-Report Moderate to Severe Pain (Short Stay)



#### Denominator:

- All short-stay residents with a selected target assessment, except those with exclusions

#### Exclusions:

- Missing/inconsistent data

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

32

---

---

---

---

---

---

---

---

---

---

### Percent of Residents with Pressure Ulcers That are New or Worsened (Short Stay)



#### Numerator:

- Short-stay residents for which a **look-back scan** indicates one or more **new or worsening Stage 2-4 pressure ulcers**

#### Denominator:

- All residents with one or more assessments that are eligible for a look-back scan, except those with exclusions.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

33

---

---

---

---

---

---

---

---

---

---



### Percent of Residents with Pressure Ulcers That are New or Worsened (Short Stay)



**Exclusions:**

- Missing/inconsistent data

**Risk Adjustments:**

- Resident-level covariate (based on the Initial Assessment)
  - ◆ Require limited or more assistance in bed
  - ◆ Have bowel incontinence at least once a week
  - ◆ Diabetes or peripheral vascular disease
  - ◆ Low Body Mass Index (BMI between 12 -19)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

34

---

---

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Assessed and Appropriately Given the Seasonal Influenza Vaccine (Short Stay)



**Numerator:**

- Short-stay residents assessed and appropriately given the flu vaccine (or who were offered and declined or were unable to receive due to contraindications)

**Denominator:**

- Short-stay residents with a target MDS except those not in facility during the current or most recent flu season

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

35

---

---

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Assessed and Appropriately Given the Seasonal Influenza Vaccine (Short Stay)



**Further divided into three additional QMs:**

- ◆ Percent of Residents Who Received the Seasonal Influenza Vaccine (Short Stay)
- ◆ Percent of Residents Who Were Offered and Declined the Seasonal Influenza Vaccine (Short Stay)
- ◆ Percent of Residents Who Did Not Receive, Due to Medical Contraindication, the Seasonal Influenza Vaccine (Short Stay)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

36

---

---

---

---

---

---

---

---

---

---

---

---



**Percent of Residents Assessed and Appropriately Given the Pneumococcal Vaccine (Short Stay)**



**Numerator:**

- Short-stay residents who were assessed and appropriately given the Pneumococcal vaccine (or who were offered and declined or were unable to receive due to contraindications)

**Denominator:**

- All short-stay residents with a target MDS

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

37

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Assessed and Appropriately Given the Pneumococcal Vaccine (Short Stay)**



■ Further divided into three additional QMs:

- ◆ Percent of Residents Who Received the Pneumococcal Vaccine (Short Stay)
- ◆ Percent of Residents Who Were Offered and Declined the Pneumococcal Vaccine (Short Stay)
- ◆ Percent of Residents Who Did Not Receive, Due to Medical Contraindication, the Pneumococcal Vaccine (Short Stay)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

38

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Experiencing One or More Falls with Major Injury (Long Stay)**



**Numerator:**

- Long-stay residents who experienced one or more falls that resulted in major injury on one or more assessments in the look-back scan.

**Denominator:**

- All long-stay residents with one or more assessments in the look-back scan

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

39

---

---

---

---

---

---

---

---

---

---



### Percent of Residents Experiencing One or More Falls with Major Injury (Long Stay)



**Exclusions:**

- Missing data

**Risk Adjustments:**

- None

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

40

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Who Self-Report Moderate to Severe Pain (Long Stay)



**Numerator:**

- Long-stay residents who self report almost constant or frequent pain AND at least one episode of moderate to severe pain OR very severe/horrible pain of any frequency

**Denominator:**

- All long stay residents who do not meet the exclusion criteria

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

41

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Who Self-Report Moderate to Severe Pain (Long Stay)



**Exclusions:**

- Admission, 5-Day or Medicare Return/Readmit MDS
- Missing/inconsistent data

**Risk Adjustments:**

- Resident-level covariate based on daily decision making abilities on prior assessment

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

42

---

---

---

---

---

---

---

---

---

---



**Percent of High Risk Residents with Pressure Ulcers (Long Stay)**



**Numerator:**

- Long-stay residents who were identified as high risk and who have one or more Stage 2-4 pressure ulcer(s)

**Denominator:**

- Long-stay residents with a target assessment who were identified as high risk

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

43

---

---

---

---

---

---

---

---

---

---

---

---

**Percent of High Risk Residents with Pressure Ulcers (Long Stay)**



**Exclusions:**

- ◆ OBRA admission or a 5-day or Return/Readmission PPS MDS
- ◆ Missing data

**Risk Adjustment:**

- Residents are defined as "High Risk" if they are:
  - ◆ Comatose
  - ◆ Impaired (extensive +) in bed mobility or transfer
  - ◆ Malnutrition or at risk for malnutrition

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

44

---

---

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Assessed and Appropriately Given the Seasonal Influenza Vaccine (Long Stay)**



**Numerator:**

- Long-stay residents assessed and appropriately given the flu vaccine (or who were offered and declined or were unable to receive due to contraindications)

**Denominator:**

- Long-stay residents with a target assessment except those not in the facility during the annual influenza season

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

45

---

---

---

---

---

---

---

---

---

---

---

---



**Percent of Residents Assessed and Appropriately Given the Seasonal Influenza Vaccine (Long Stay)**



- Further divided into three additional QMs:
  - ◆ Percent of Residents Who Received the Seasonal Influenza Vaccine (Long Stay)
  - ◆ Percent of Residents Who Were Offered and Declined the Seasonal Influenza Vaccine (Long Stay)
  - ◆ Percent of Residents Who Did Not Receive, Due to Medical Contraindication, the Seasonal Influenza Vaccine (Long Stay)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

46

---

---

---

---

---

---

---

---

---

---

**Percent of Long Stay Residents Assessed and Appropriately Given the Pneumococcal Vaccine (Long Stay)**



**Numerator:**

- Long-stay residents who were assessed and appropriately given the Pneumococcal Vaccine (or who were offered and declined or were unable to receive due to contraindications)

**Denominator:**

- All long-stay residents with a target MDS

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

47

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Assessed and Appropriately Given the Pneumococcal Vaccine (Long Stay)**



- Further divided into three additional QMs:
  - ◆ Percent of Residents Who Received the Pneumococcal Vaccine (Long Stay)
  - ◆ Percent of Residents Who Were Offered and Declined the Pneumococcal Vaccine (Long Stay)
  - ◆ Percent of Residents Who Did Not Receive, Due to Medical Contraindication, the Pneumococcal Vaccine (Long Stay)

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

48

---

---

---

---

---

---


---

---

---

---



**Percent of Residents with a Urinary Tract Infection (Long Stay)** 

---

**Numerator:**

- Long-stay residents with a UTI in the last 30 days

**Denominator:**

- All long-stay residents except exclusions

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 49

---

---

---


---

---

---

---

---

**Percent of Residents with a Urinary Tract Infection (Long Stay)** 

---

**Exclusions:**

- OBRA Admission or PPS 5-Day or Return/Readmission assessments
- Missing data

**Risk Adjustments:**

- None

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 50

---

---

---


---

---

---

---

---

**Percent of Low Risk Residents Who Lose Control of their Bowels or Bladder (Long Stay)** 

---

**Numerator:**

- Long-stay residents who are frequently or always incontinent of bowel or bladder and determined to be low risk

**Denominator:**

- Long-stay residents except exclusions

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 51

---

---

---

---

---

---

---

---



**Percent of Low Risk Residents Who Lose Control of their Bowels or Bladder (Long Stay)**



**Exclusions:**

- OBRA Admission, 5-day or Return/Readmission MDS
- Missing data
- High risk residents
- Comatose
- Indwelling catheter
- Ostomy

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

52

---

---

---

---

---

---

---

---

---

---

**Percent of Low Risk Residents Who Lose Control of their Bowels or Bladder (Long Stay)**



**Risk Adjustments:**

- Residents considered to be high risk and therefore not included:
  - ◆ Severe cognitive impairment on the target assessment
  - ◆ Totally dependent in mobility (bed mobility, transfer or locomotion on unit) on the target assessment

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

53

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Who Have/Had a Catheter Inserted and Left in Their Bladder (Long Stay)**



**Numerator:**

- Long stay residents with an indwelling catheter on the target assessment

**Denominator:**

- Long-stay residents except exclusions

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

54

---

---

---

---

---

---

---

---

---

---



### Percent of Residents Who Have/Had a Catheter Inserted and Left in Their Bladder (Long Stay)



**Exclusions:**

- Missing data
- OBRA Admission, 5-day or Return/Readmission MDS
- Neurogenic bladder or obstructive uropathy

**Risk Adjustments:**

- Resident-level Covariate
  - ◆ Frequent bowel incontinence on prior assessment
  - ◆ Pressure ulcer (Stage 2, 3 or 4) on prior assessment

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

55

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Who Were Physically Restrained (Long Stay)



**Numerator:**

- Long stay residents with a trunk or limb restraint or a chair that prevents on the target assessment

**Denominator:**

- All residents with a target assessment, except those with exclusions.

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

56

---

---

---

---

---

---

---

---

---

---

### Percent of Residents Who Were Physically Restrained (Long Stay)



**Exclusions:**

- Missing data

**Risk Adjustments:**

- None

Copyright © 2011 All Rights Reserved

Harmony Healthcare International, Inc.

57

---

---

---

---

---

---

---

---

---

---



**Percent of Residents Whose Need for Help with Activities of Daily Living Has Increased (Long Stay)**

**Numerator:**

- Long-stay residents with an increase in late loss ADL scoring of two or more points between the prior assessment and the target assessment

**Denominator:**

- Long-stay residents with a target and prior assessment

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Whose Need for Help with Activities of Daily Living Has Increased (Long Stay)**

**Exclusions:**

- Total dependence in all four late-loss ADL items or total in three of the four and extensive in the remaining late loss ADL
- Comatose
- End stage disease
- Hospice care
- Missing data

**Risk Adjustments:**

- None

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Who Lose Too Much Weight (Long Stay)**

**Numerator:**

- Long-stay nursing home residents with a selected target assessment which indicates a weight loss of 5% or more in the last month or 10% or more in the last 6 months who were not on a physician prescribed weight-loss regimen

**Denominator:**

- Long-stay residents except exclusions

---

---

---

---

---

---


---

---

---

---



**Percent of Residents Who Lose Too Much Weight (Long Stay)** 

---

**Exclusions:**

- OBRA Admission, 5-day or Return/Readmission MDS
- Missing data

**Risk Adjustments**

- None

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 61

---

---

---

---

---


---

---

---

---

---

**Percent of Residents Who Have Depressive Symptoms (Long Stay)** 

---

**Numerator:**

- Long-stay residents with a total severity score of 10 or greater on the PHQ-9 or PHQ-9OV AND either little interest or pleasure in doing things OR feeling down, depressed or hopeless half or more days

**Denominator:**

- All residents except exclusions

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 62

---

---

---

---

---

---

---

---

---

---

**Percent of Residents Who Have Depressive Symptoms (Long Stay)** 

---

**Exclusions:**

- Missing data
- Comatose

**Risk Adjustments:**

- None

---

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 63

---

---

---

---

---

---


---

---

---

---





**A Few Final Thoughts....**

- **Audit, audit, audit** for MDS accuracy!
- Risk adjustments often come from **prior or initial** assessments therefore it is critical to ensure accuracy early on
- Long Stay vs. Short Stay
- By the time the QMs are posted it is **old news!**
- The first step to using these calculations in QAA is **verifying the data!**

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 64

---

---

---

---

---


---

---

---

---

---



**MDS 3.0 Quality Measures  
Draft User's Manual**

- MDS 3.0 Quality Measures Draft User's Manual available at the following Web site:  
[https://www.cms.gov/NursingHomeQuality/nits/30\\_NHQIMDS30TechnicalInformation.asp](https://www.cms.gov/NursingHomeQuality/nits/30_NHQIMDS30TechnicalInformation.asp)
- Per CMS, changes are expected to reflect one year of MDS 3.0 data

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 65

---

---

---

---

---

---

---

---

---

---



**Harmony Healthcare International**  
[www.harmony-healthcare.com](http://www.harmony-healthcare.com)

- Jen Pettis, RN, WCC, RAC-MT, C-NE
  - ◆ Questions? 
  - ◆ [jpettis@harmony-healthcare.com](mailto:jpettis@harmony-healthcare.com)
  - ◆ 1-800-530-4413
- For information about a **free RUG Analysis**
  - ◆ Contact Matt McGarvey
  - ◆ [mmcgarvey@harmony-healthcare.com](mailto:mmcgarvey@harmony-healthcare.com)
  - ◆ 518-477-0608

Copyright © 2011 All Rights Reserved Harmony Healthcare International, Inc. 66

---

---

---

---

---

---

---

---

---

---