

New York State Department of Health

2019 Nursing Home Quality Initiative

Interpreting the Facility's Report

The facility-level report is comprised of five areas: [1] quality component, [2] compliance component, [3] efficiency component, [4] scoring, and [5] determination of ineligibility.

1. Quality Component (70 points)

The quality component contains 14 quality measures worth a combined maximum of 70 points. Each measure is weighted equally. The quality component consists of the MDS 3.0 quality measures (using all four quarters of 2018), the staffing measures (the percent of contract/agency staff used and the rate of staffing hours per resident per day from CMS's payroll based journal data (PBJ) and Nursing home compare staffing data), and the NYS-specific employee flu immunization measure (using immunization data from the 2018-2019 influenza season).

MDS 3.0 quality measures

- The 'Value' column shows the rates of each MDS 3.0 quality measure. A value of 'SS' (small sample) indicates that the denominator for the measure was less than 30 and thus the sample was too small to create a meaningful rate. This did not result in a loss of points. In cases of a small sample size, the maximum points that the facility could obtain were reduced from the base and its final score divided by the maximum points available.
 - For example, if a facility has a small sample size on two of its quality measures (each worth five points), the maximum attainable points will be 90 rather than 100. The sum of its points will be divided by 90 to calculate its total score.
- The 'Quintile' column shows the quintile for which the facility qualified based on the distribution of values from all facilities in the Nursing Home Quality Initiative (NHQI). Quintile one is the top quintile, while five is the bottom.
 - Two quality measures were not separated into quintiles and will show 'NA' (not applicable) for their quintile assignment: *Percent of contract/agency staff used*, and *Percent of employees vaccinated for influenza*. These quality measures are assigned all or no points based on threshold values.
 - For the employee influenza vaccination measure, a rate of 85% or higher resulted in five points awarded, while a rate below 85% resulted in zero points. If the measure had too small of a sample size and the value indicates 'SS', the quintile will indicate 'NA'.
 - For the percent of contract/agency staff used measure, a rate of 10% or higher resulted in zero points, while a rate of less than 10% resulted in five points awarded.
- The 'Points' column shows the number of points awarded to the facility based on its performance in the measure.

Staffing measures

- Rate of staffing hours per resident per day
 - The 'Value' column shows the rate of staffing hours per resident per day, as calculated using 2018 Q1 – Q4 of CMS' nursing home compare staffing data.
 - A value of 'DNA' (data not available) indicates that the facility did not have at least three quarters of staffing information or the facility may not have staffing information due to

the exclusion criteria set by CMS. In these cases, the facility received zero points and the base was not reduced.

- The 'Quintile' column shows the quintile for which the facility qualified based on the distribution of values from all facilities in the NHQI. Quintile one is the top quintile, while five is the bottom.
- The 'Points' column shows the number of points awarded to the facility based on its performance in the measure.

➤ **Percent of contract/agency staff used**

- The 'Value' column shows the percent of contract/agency staff used, as calculated using 2018 Q1 – Q4 of CMS' PBJ daily nurse staffing files.
- A value of 'DNA' (data not available) indicates that the facility did not have at least three quarters of staffing information or the facility may not have staffing information due to the exclusion criteria set by CMS. In these cases, the facility received zero points and the base was not reduced.
- This measure does not require a quintile ranking and will indicate 'NA'.
- The 'Points' column shows the number of points awarded. Five points were awarded for a percent of contract/agency staff used of less than 10%. Zero points were awarded for 10% or higher.

Percent of employees vaccinated for influenza

- The 'Value' column shows the percent of nursing facility staff who received the influenza vaccine during the 2018-2019 influenza season. A value of 'DNS' indicates that the facility did not submit employee influenza immunization data by the designated deadline. In this case, the facility received zero points and the base was not reduced.
- This measure does not require a quintile ranking and will indicate 'NA'.
- The 'Points' column shows the number of points awarded. Five points were awarded if the rate was 85% or higher. Zero points were awarded if the rate was less than 85%.

2. Compliance Component (20 points)

The compliance component contains three measures worth a combined maximum of 20 points. The NYS regionally adjusted five-star health inspection rating as of April 1, 2019 is worth ten points and is adjusted for regional variation by NYS. The timely submission of 2018 nursing home certified cost reports and timely submission of 2018 employee influenza immunization data for the 2018-2019 influenza season are each worth five points.

NYS regionally-adjusted five-star quality rating for health inspections

- The 'Value' column shows the number of stars awarded by the five-star rating. A value of 'NA' indicates that health inspection score data from CMS was not available, or the facility was too new to rate. In this case, the facility was not penalized, and the base was reduced.
- This measure does not require a quintile ranking and will indicate 'NA'.
- The 'Points' column shows the number of points awarded to the facility based on its five-star rating.
- Ten points are awarded for obtaining five stars or the top 10 percent (lowest 10 percent in terms of health inspection deficiency score). Seven points are awarded for four stars, four points for three stars, two point for two stars, and zero points for one star.

Timely submission of nursing home certified cost reports
Timely submission of employee influenza immunization data

- The 'Value' column indicates whether or not the facility submitted the data by the designated deadline.
- These measures do not require quintile rankings and will indicate 'NA'.
- The 'Points' column shows the number of points awarded to the facility.
- Timely submission of nursing home certified cost reports
 - Deadline as specified by the Bureau of Long-Term Care Reimbursement, Division of Finance and Rate Setting
 - Five points are awarded if the value is 'Yes', and zero points if the value is 'No'.
- Timely submission of employee influenza immunization data
 - May 1, 2019 deadline for all facilities
 - Five points are awarded if the value is 'Yes', and zero points if the value is 'No'.

3. Efficiency Component (10 points)

The efficiency component includes the potentially avoidable hospitalizations measure. This measure is based on all four quarters of 2018 and is worth 10 points. It indicates the number of potentially avoidable hospitalizations per 10,000 long stay days.

- The 'Value' column shows the number of potentially avoidable hospitalizations per 10,000 long stay days.
- The 'Quintile' column shows the quintile for which the facility qualified based on the distribution of values from all facilities in the NHQI.
- The 'Points' column shows the number of points awarded to the facility based on its quintile.
- 10 points are awarded for obtaining the first quintile, eight points for the second quintile, six points for the third quintile, two points for the fourth quintile, and zero points for the fifth quintile.

4. Scoring

The scoring component contains the overall score and the quintile ranking.

Overall score

The 'Points' column shows the sum of the points earned for each measure, divided by the total base of points for the facility, multiplied by 100. This method is shown in the examples below.	Facility A No small sample size (no reduction of base points)	Facility B Small sample size on two quality measures, each worth 5 points (10-point reduction of base points)
Sum of points	80	80
Base points	100	90
Score (points/maximum)	.80	.89
Score x 100	80%	89%

Quintile ranking

- The 'Quintile' column shows the quintile for which the facility qualified based on the distribution of scores from all facilities in the NHQI. The first quintile is the top rank, while the fifth quintile is the bottom.

5. Determination of Ineligibility

The determination of ineligibility section indicates that a facility had a level J, K, or L deficiency between July 1 of the measurement year (2018) and June 30 of the reporting year (2019), making it ineligible for potential payment. The overall score and quintile ranking are displayed for these facilities to show where they would have placed in the rankings had they had not received a level J, K, or L deficiency.