

CDPH SNF QASP Quarterly Benchmark Rates SFY 2019-20 Quarter 3

Overview

This report contains the preliminary results and statistics for the California Department of Public Health (CDPH) Skilled Nursing Facility (SNF) Quality and Accountability Supplemental Payment (QASP) Program for Quarter 3 of State Fiscal Year (SFY) July 1, 2019 through June 30, 2020. The measure rates are calculated across the performance period that is evaluated annually to determine incentive payment awards. This report includes three quarters of data, SFY Q1, SFY Q2, and SFY Q3. Table 1 provides an overview of the measures analyzed, including the statewide mean and the 75th percentile, for the SFY 19-20 aggregate. Of note, only facilities meeting the minimum reporting requirements are included in the analysis for the quarterly rate calculation for each measure. The 30-Day SNF Rehospitalization measure and Staff Retention measure rates are only calculated annually. The rates for these two measures presented in this report represent the 2018-2019 performance period (i.e., July 1, 2018 through June 30, 2019).

Table 1—Overview of Measures and Rates (SFY 2019-20 Q3 Aggregate)

Measure	Statewide Mean	Statewide 75th Percentile
Use of Physical Restraints (Long Stay)	0.219%	0.000%
Facility-Acquired Pressure Ulcer Incidence (Long Stay)	2.840%	0.833%
Influenza Vaccination (Short Stay)*	93.790%	99.922%
Pneumococcal Vaccination (Short Stay)*	93.391%	100.000%
Urinary Tract Infection (Long Stay)	1.482%	0.000%
Loss of Bowel or Bladder Control (Long Stay)	40.045%	27.692%
Self-Report Moderate to Severe Pain (Short Stay)	3.813%	0.000%
Self-Report Moderate to Severe Pain (Long Stay)	1.960%	0.000%
Increased Need for Help with Activities of Daily Living (Long Stay)	9.587%	5.422%

¹ For the SFY 2019-20 Annual Report, the Use of Physical Restraints (Long Stay) measure will not be scored and used to determine incentive payment awards as it is a monitoring-only measure.

² For SFY 2019-20, a modified version of the Percent of High Risk Residents with Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure is included due to the removal of the M0800 field from the Minimum Data Set (MDS) 3.0 Item Set, which was previously used to calculate this measure.

³ The Received an Antipsychotic Medication (Long Stay) measure has been modified from the Centers for Medicare & Medicaid Services' (CMS') specifications to account for the addition of new conditions (manic depression, psychotic disorder, and traumatic brain injury) as exclusion criteria.

⁴ The annual minimum threshold (i.e., minimum denominator size) for reporting clinical short- and long-stay measures is 20 and 30, respectively. To allow for more consistent quarterly reporting, a quarterly minimum threshold of 5 and 7.5 was set for clinical short- and long-stay measures, respectively. Based on this quarterly minimum threshold, the thresholds for the Q1, Q2, and Q3 Aggregate short- and long-stay measures are 15 and 23, respectively.

⁵ A minimum threshold of 30 and a tracking rate of greater than or equal to 95 percent was applied to the 30-Day SNF Rehospitalization measure. Also, for the Staff Retention measure, no minimum threshold was applied. The detailed methodology for calculating these measures can be found on the CDPH SNF QASP website.

⁶ Assessments with a reference date between July 1, 2019, and March 31, 2020, and a submission date within 60 days of the reference date are included in the calculations. Due to the Coronavirus Disease 2019 (COVID-19) pandemic and CMS' waiver of MDS reporting requirements, some assessments that would have been submitted in April and May are missing.

Measure	Statewide Mean	Statewide 75th Percentile
Received an Antipsychotic Medication (Long Stay)	3.113%	0.000%
30-Day SNF Rehospitalization	16.490%	13.537%
Staff Retention*	71.396%	80.645%

* For the Influenza Vaccination (Short Stay), Pneumococcal Vaccination (Short Stay), and Staff Retention measures, a higher rate indicates better performance.

The table below displays the performance period each quarter represents in this report.

Table 2—Performance Periods for Quarterly Benchmarks Report

Quarter	Performance Period
SFY 2019-20 Q1	July 1, 2019 – September 30, 2019
SFY 2019-20 Q2	October 1, 2019 – December 31, 2019
SFY 2019-20 Q3	January 1, 2020 – March 31, 2020
SFY 2019-20 Q3 Aggregate	July 1, 2019 – March 31, 2020

The annual measures, 30-Day SNF Rehospitalization and Staff Retention, are not re-calculated on a quarterly basis. The quarterly rates presented in this report include all facilities present in the data, while the aggregate rates are limited to the facilities included in the SFY 2018-2019 Annual Report.

Due to the minimum denominator thresholds, the facilities eligible for reporting quality measures may differ between the quarterly benchmark report and the SNF QASP Annual Report. Additionally, facilities with fewer residents are more likely to have extreme rates, as a change of one resident in the numerator will have a larger impact on the rate.

Use of Physical Restraints (Long Stay)

Figure 1 shows the rate distribution for the Use of Physical Restraints (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Use of Physical Restraints (Long Stay) measure, a lower rate indicates better performance.

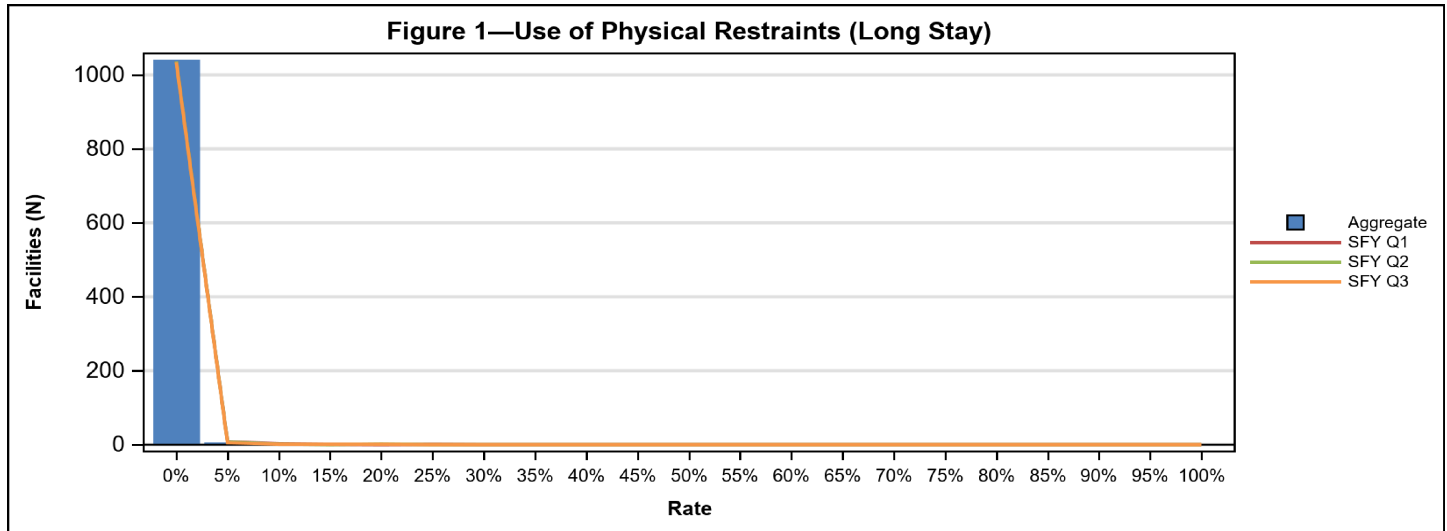


Table 3 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Use of Physical Restraints (Long Stay) measure.

Table 3—Use of Physical Restraints (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,050	0.000%	0.000%	0.000%	0.000%	0.000%	0.231%	0.000%	25.203%
SFY Q2	1,048	0.000%	0.000%	0.000%	0.000%	0.000%	0.219%	0.000%	20.611%
SFY Q3	1,042	0.000%	0.000%	0.000%	0.000%	0.000%	0.204%	0.000%	20.168%
Aggregate	1,050	0.369%	0.000%	0.000%	0.000%	0.000%	0.219%	0.000%	21.918%

Facility-Acquired Pressure Ulcer Incidence (Long Stay)

Figure 2 shows the rate distribution for the Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure, a lower rate indicates better performance.

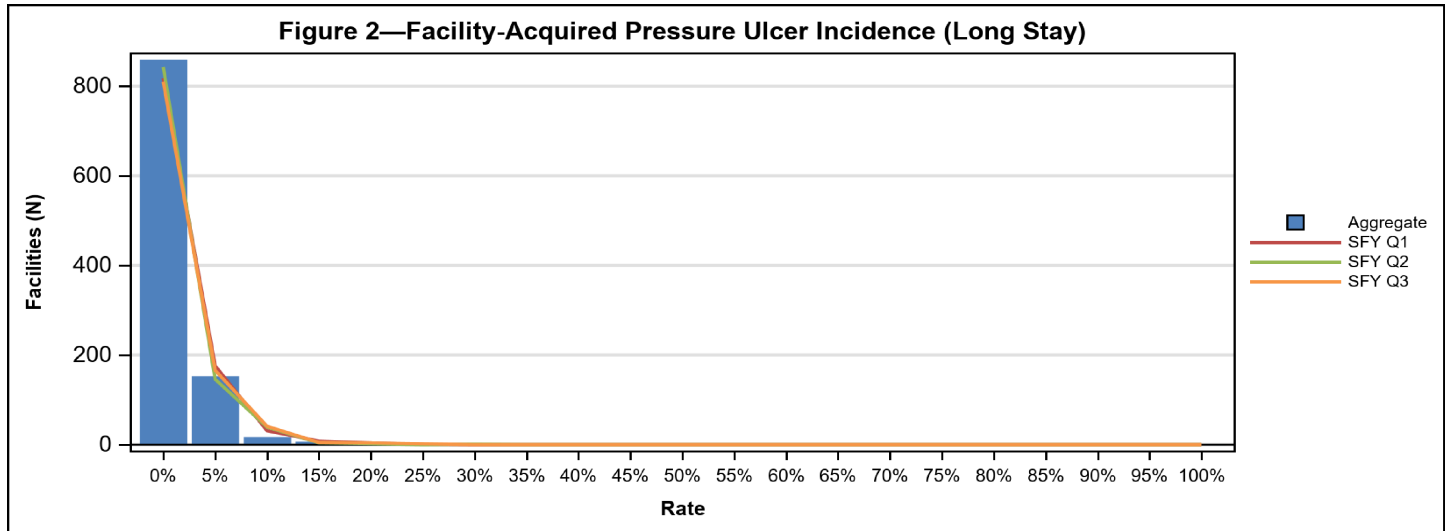


Table 4 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure.

Table 4—Facility-Acquired Pressure Ulcer Incidence (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,038	7.317%	4.348%	2.031%	0.000%	0.000%	2.903%	0.000%	25.000%
SFY Q2	1,035	7.317%	4.082%	2.020%	0.000%	0.000%	2.790%	0.000%	33.333%
SFY Q3	1,028	7.407%	4.444%	1.942%	0.000%	0.000%	2.842%	0.000%	25.000%
Aggregate	1,037	6.329%	4.046%	2.222%	0.833%	0.000%	2.840%	0.000%	22.727%

Influenza Vaccination (Short Stay)

Figure 3 shows the rate distribution for the Influenza Vaccination (Short Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is greater than the lower interval and less than or equal to the higher interval. Note that for the Influenza Vaccination (Short Stay) measure, a higher rate indicates better performance.

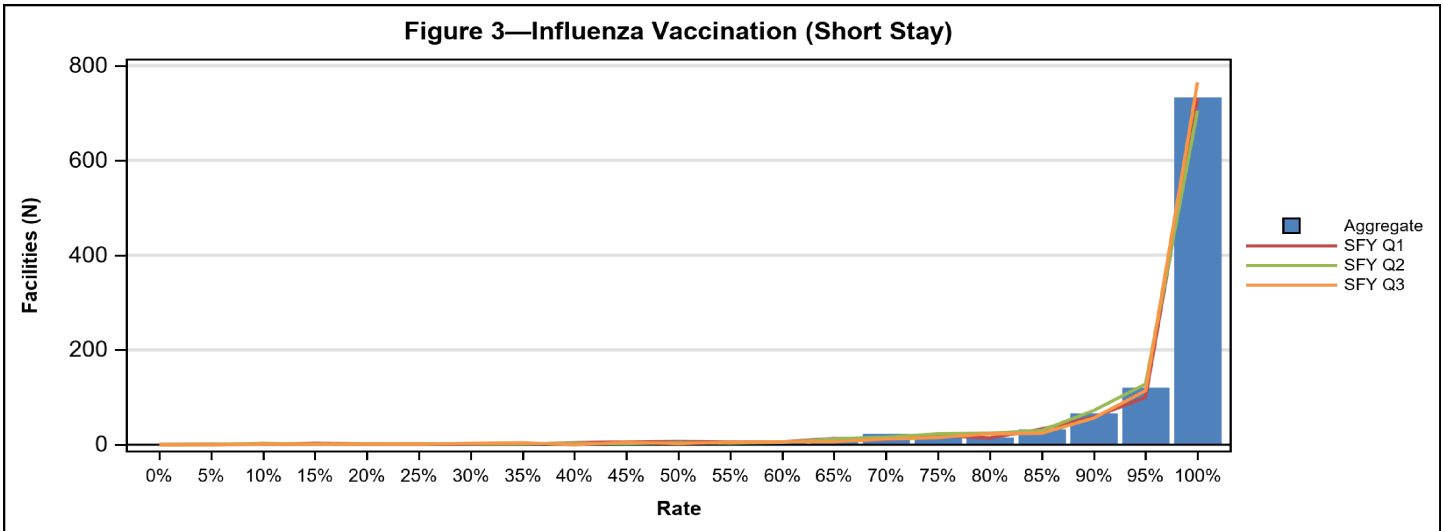


Table 5 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Influenza Vaccination (Short Stay) measure.

Table 5—Influenza Vaccination (Short Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,019	81.481%	93.694%	98.958%	100.000%	100.000%	93.494%	4.167%	100.000%
SFY Q2	1,039	80.000%	92.771%	98.503%	100.000%	100.000%	93.371%	6.061%	100.000%
SFY Q3	1,044	84.426%	94.650%	98.870%	100.000%	100.000%	94.387%	6.061%	100.000%
Aggregate	1,038	82.639%	93.676%	98.222%	99.922%	100.000%	93.790%	8.333%	100.000%

Pneumococcal Vaccination (Short Stay)

Figure 4 shows the rate distribution for the Pneumococcal Vaccination (Short Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is greater than the lower interval and less than or equal to the higher interval. Note that for the Pneumococcal Vaccination (Short Stay) measure, a higher rate indicates better performance.

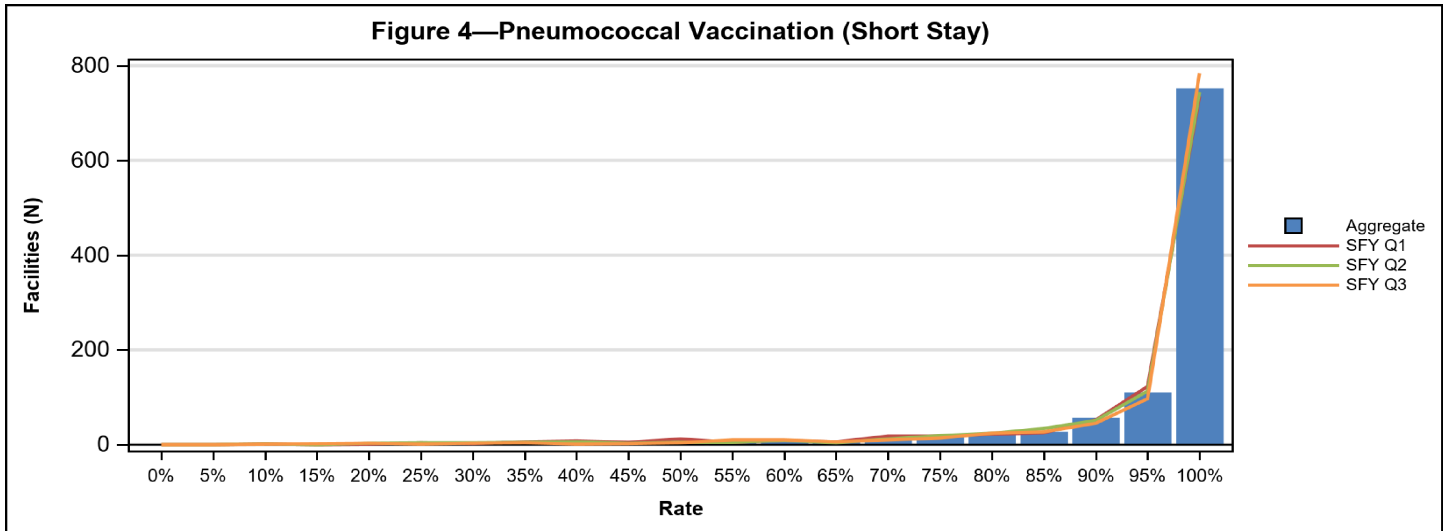


Table 6 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Pneumococcal Vaccination (Short Stay) measure.

Table 6—Pneumococcal Vaccination (Short Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,053	78.261%	93.396%	98.925%	100.000%	100.000%	92.907%	5.263%	100.000%
SFY Q2	1,047	80.000%	93.878%	98.969%	100.000%	100.000%	93.335%	5.556%	100.000%
SFY Q3	1,048	81.522%	94.982%	99.206%	100.000%	100.000%	94.070%	5.882%	100.000%
Aggregate	1,051	80.136%	93.548%	98.708%	100.000%	100.000%	93.391%	6.522%	100.000%

Urinary Tract Infection (Long Stay)

Figure 5 shows the rate distribution for the Urinary Tract Infection (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Urinary Tract Infection (Long Stay) measure, a lower rate indicates better performance.

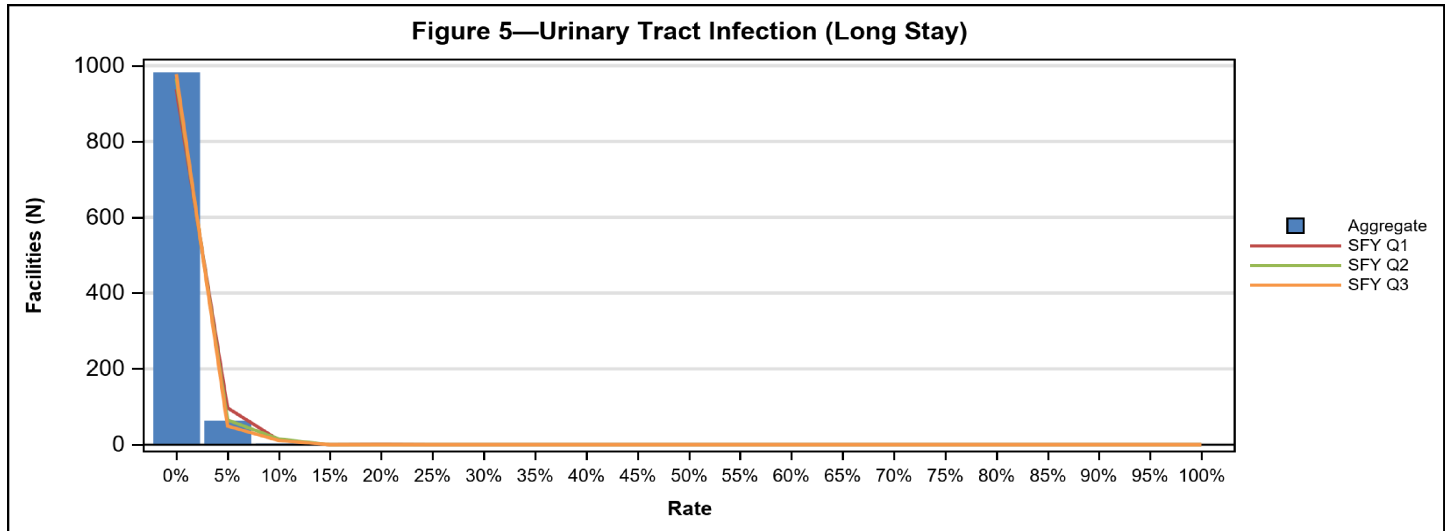


Table 7 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Urinary Tract Infection (Long Stay) measure.

Table 7—Urinary Tract Infection (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,048	5.085%	2.649%	0.725%	0.000%	0.000%	1.719%	0.000%	21.739%
SFY Q2	1,045	4.167%	2.083%	0.000%	0.000%	0.000%	1.447%	0.000%	14.286%
SFY Q3	1,038	3.797%	1.825%	0.000%	0.000%	0.000%	1.235%	0.000%	13.000%
Aggregate	1,048	3.729%	2.144%	0.926%	0.000%	0.000%	1.482%	0.000%	14.706%

Loss of Bowel or Bladder Control (Long Stay)

Figure 6 shows the rate distribution for the Loss of Bowel or Bladder Control (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Loss of Bowel or Bladder Control (Long Stay) measure, a lower rate indicates better performance.

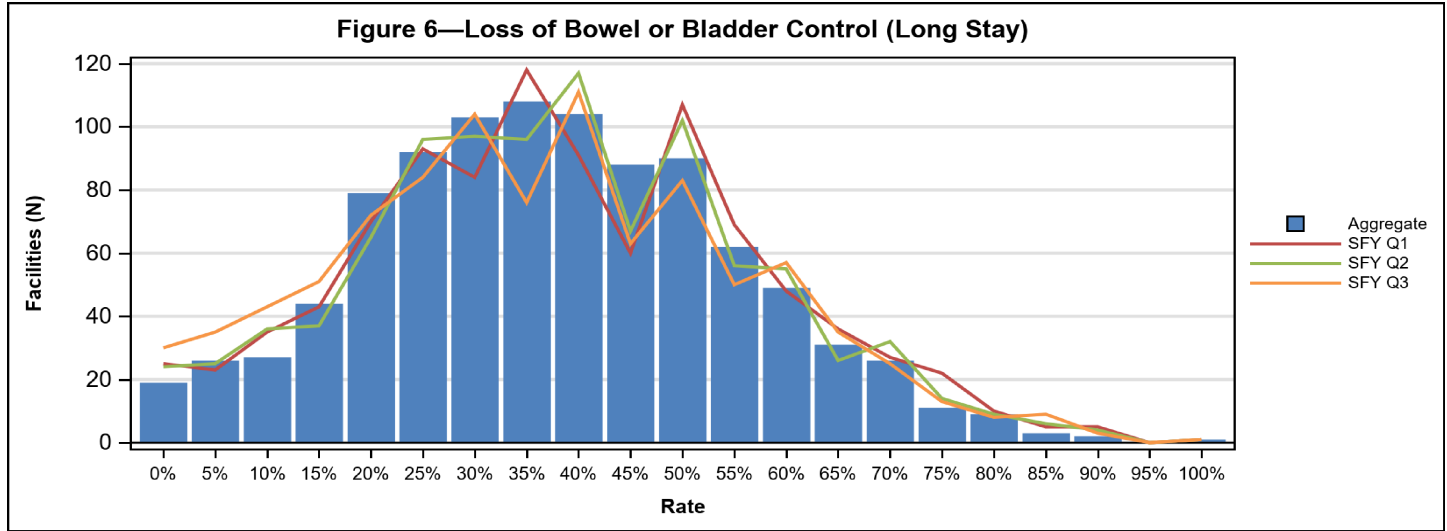


Table 8 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Loss of Bowel or Bladder Control (Long Stay) measure.

Table 8—Loss of Bowel or Bladder Control (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	972	65.789%	53.846%	39.286%	27.273%	16.667%	40.630%	0.000%	100.000%
SFY Q2	965	64.286%	52.941%	40.000%	27.273%	17.204%	40.312%	0.000%	100.000%
SFY Q3	953	64.815%	50.980%	38.462%	25.000%	12.903%	38.850%	0.000%	100.000%
Aggregate	974	63.043%	51.938%	39.434%	27.692%	18.182%	40.045%	0.000%	100.000%

Self-Report Moderate to Severe Pain (Short Stay)

Figure 7 shows the rate distribution for the Self-Report Moderate to Severe Pain (Short Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Self-Report Moderate to Severe Pain (Short Stay) measure, a lower rate indicates better performance.

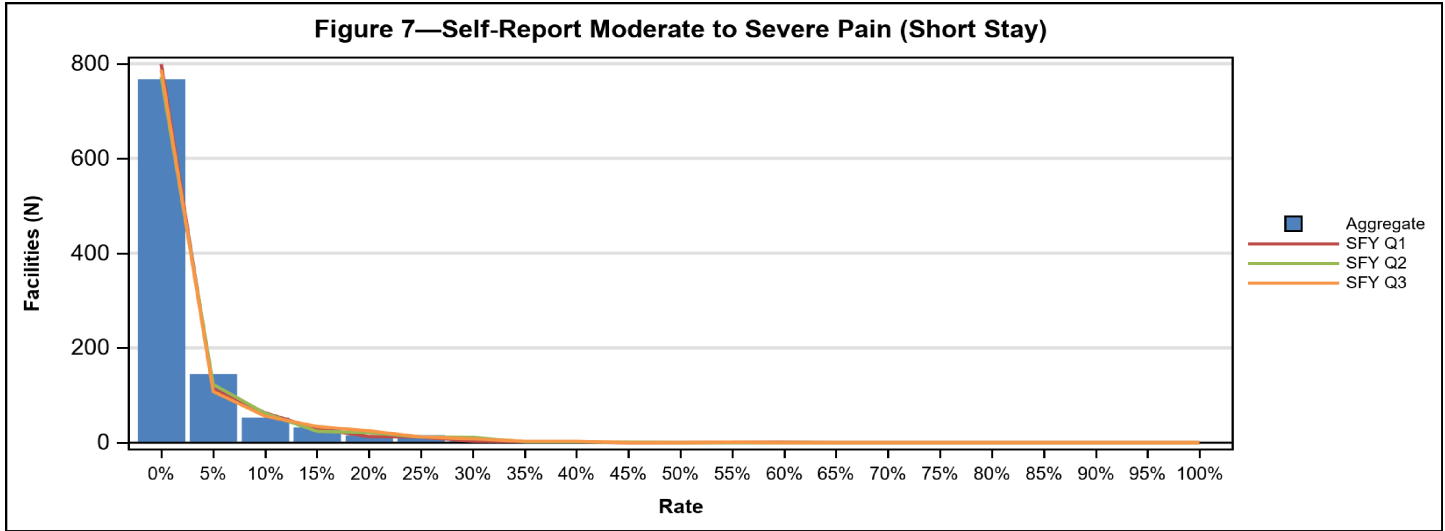


Table 9 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Self-Report Moderate to Severe Pain (Short Stay) measure.

Table 9—Self-Report Moderate to Severe Pain (Short Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,038	11.111%	4.487%	0.665%	0.000%	0.000%	3.613%	0.000%	60.000%
SFY Q2	1,030	12.517%	5.000%	0.560%	0.000%	0.000%	3.871%	0.000%	45.455%
SFY Q3	1,037	12.500%	4.762%	0.000%	0.000%	0.000%	3.902%	0.000%	55.556%
Aggregate	1,035	11.620%	5.085%	1.035%	0.000%	0.000%	3.813%	0.000%	44.828%

Self-Report Moderate to Severe Pain (Long Stay)

Figure 8 shows the rate distribution for the Self-Report Moderate to Severe Pain (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Self-Report Moderate to Severe Pain (Long Stay) measure, a lower rate indicates better performance.

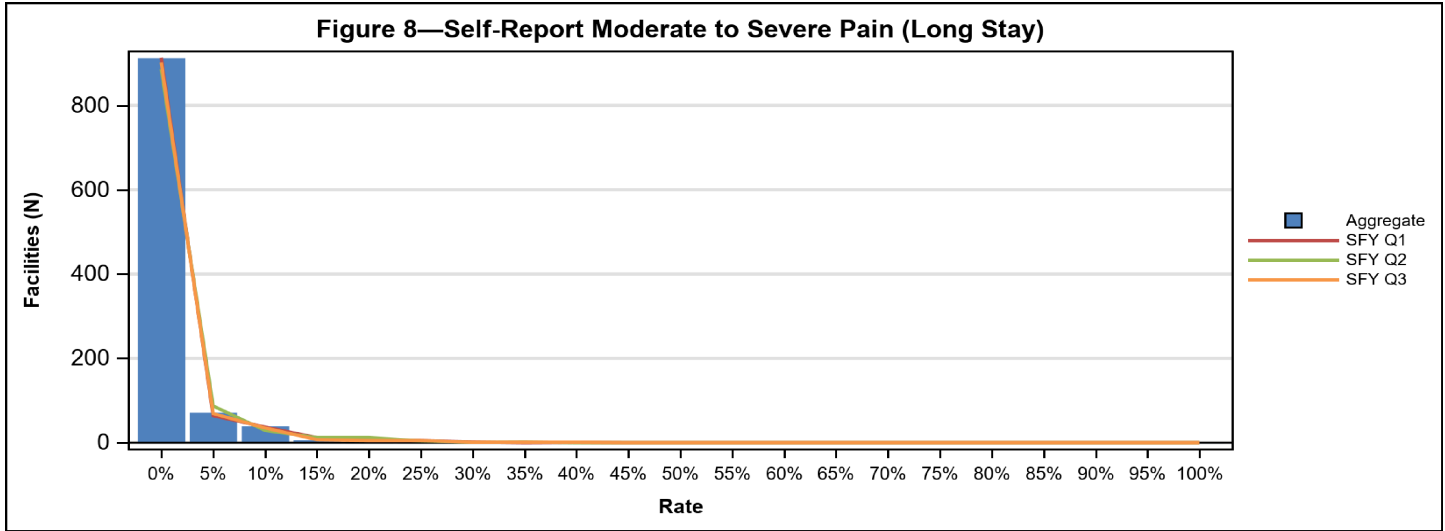


Table 10 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Self-Report Moderate to Severe Pain (Long Stay) measure.

Table 10—Self-Report Moderate to Severe Pain (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,039	5.941%	2.222%	0.000%	0.000%	0.000%	1.944%	0.000%	41.667%
SFY Q2	1,033	6.897%	2.041%	0.000%	0.000%	0.000%	2.055%	0.000%	35.938%
SFY Q3	1,026	6.250%	1.818%	0.000%	0.000%	0.000%	1.855%	0.000%	40.678%
Aggregate	1,040	6.061%	1.996%	0.000%	0.000%	0.000%	1.960%	0.000%	33.333%

Increased Need for Help with Activities of Daily Living (Long Stay)

Figure 9 shows the rate distribution for the Increased Need for Help with Activities of Daily Living (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Increased Need for Help with Activities of Daily Living (Long Stay) measure, a lower rate indicates better performance.

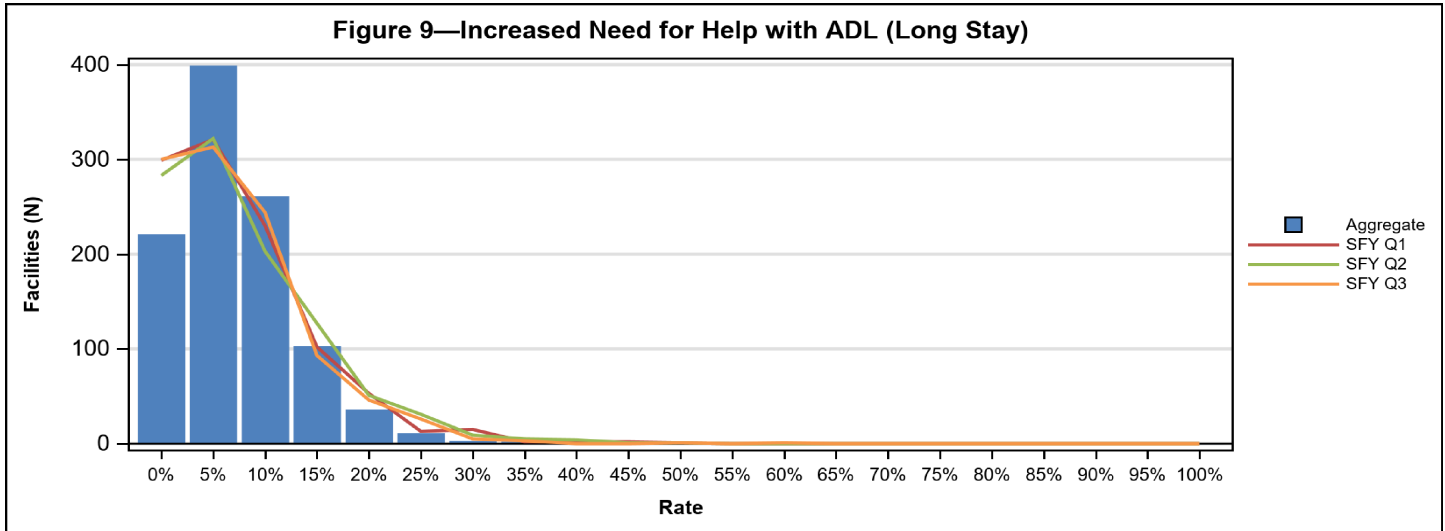


Table 11 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Increased Need for Help with Activities of Daily Living (Long Stay) measure.

Table 11—Increased Need for Help with Activities of Daily Living (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,040	18.750%	12.963%	7.843%	4.412%	1.835%	9.448%	0.000%	52.381%
SFY Q2	1,037	19.718%	14.118%	8.475%	4.545%	1.887%	10.004%	0.000%	52.459%
SFY Q3	1,032	18.182%	13.043%	8.151%	4.189%	1.905%	9.375%	0.000%	60.000%
Aggregate	1,037	16.810%	12.500%	8.696%	5.422%	3.521%	9.587%	0.000%	50.000%

Received an Antipsychotic Medication (Long Stay)

Figure 10 shows the rate distribution for the Received an Antipsychotic Medication (Long Stay) measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the Received an Antipsychotic Medication (Long Stay) measure, a lower rate indicates better performance.

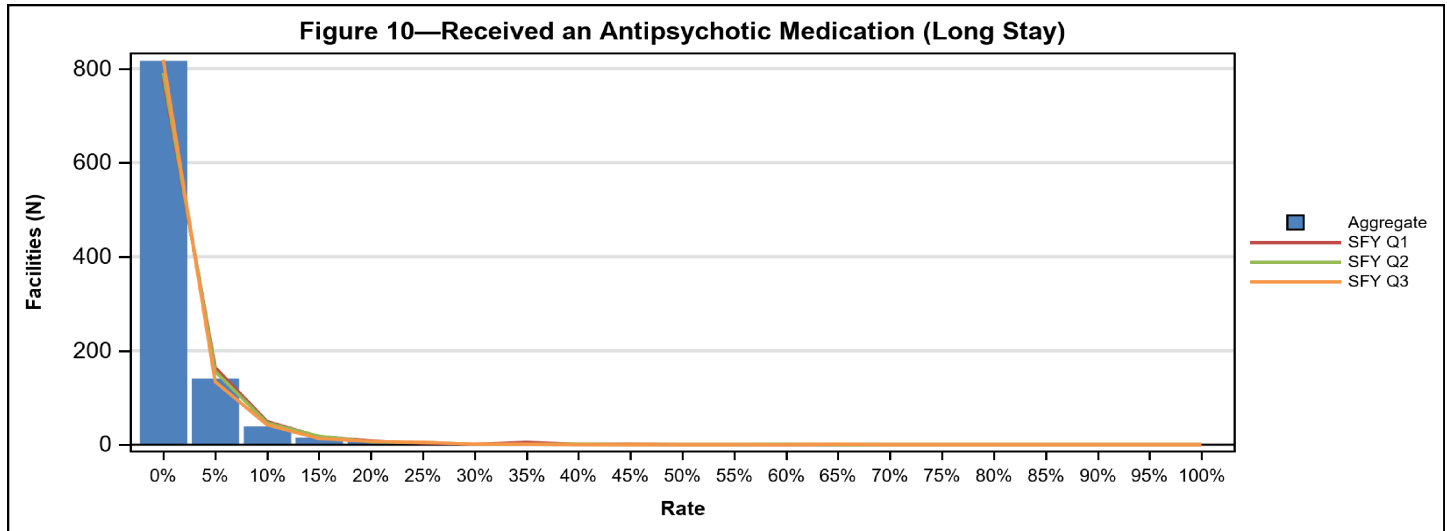


Table 12 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Received an Antipsychotic Medication (Long Stay) measure.

Table 12—Received an Antipsychotic Medication (Long Stay)

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY Q1	1,027	8.696%	4.762%	1.439%	0.000%	0.000%	3.346%	0.000%	47.619%
SFY Q2	1,026	8.824%	4.167%	1.093%	0.000%	0.000%	3.068%	0.000%	63.636%
SFY Q3	1,023	8.333%	4.000%	0.000%	0.000%	0.000%	2.839%	0.000%	69.565%
Aggregate	1,028	8.155%	4.125%	1.535%	0.000%	0.000%	3.113%	0.000%	60.606%

30-Day SNF Rehospitalization

Figure 11 shows the rate distribution for the 30-Day SNF Rehospitalization measure in 5-percent intervals. Each interval includes all facilities whose score is equal to or greater than the lower interval and less than the higher interval. Note that for the 30-Day SNF Rehospitalization measure, a lower rate indicates better performance.

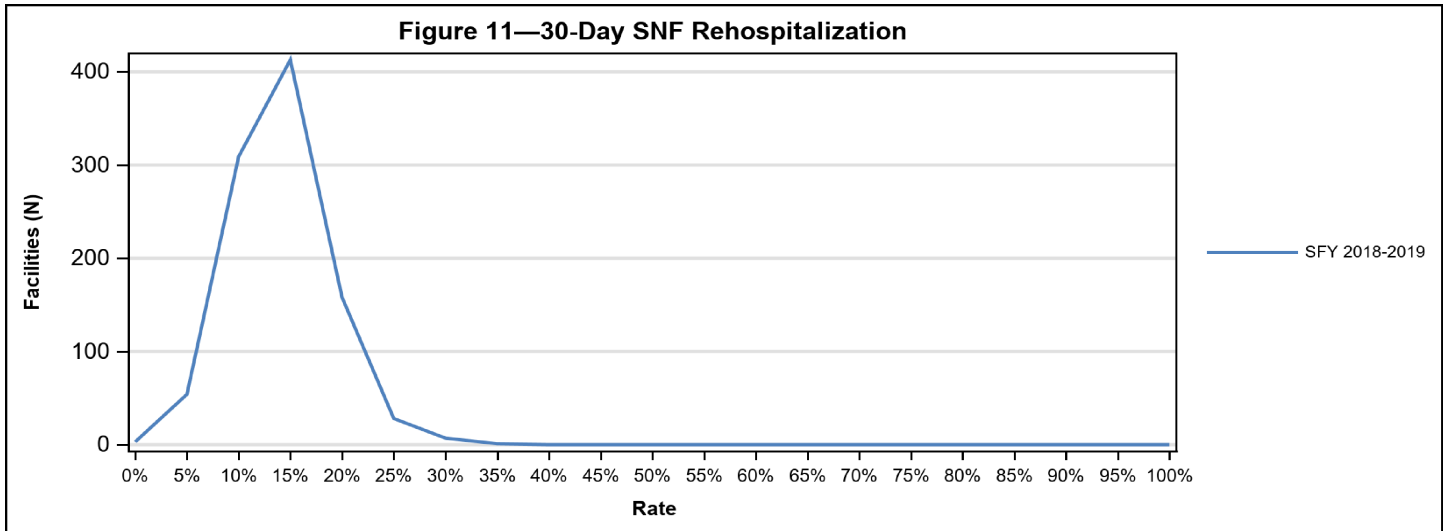


Table 13 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the 30-Day SNF Rehospitalization measure.

Table 13—30-Day SNF Rehospitalization

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY 2018-19	973	22.124%	19.156%	16.310%	13.537%	10.972%	16.490%	0.000%	35.462%

Staff Retention

Figure 12 shows the rate distribution for the Staff Retention measure in 5-percent intervals. Each interval includes all facilities whose score is greater than the lower interval and less than or equal to the higher interval. Note that for the Staff Retention measure, a higher rate indicates better performance.

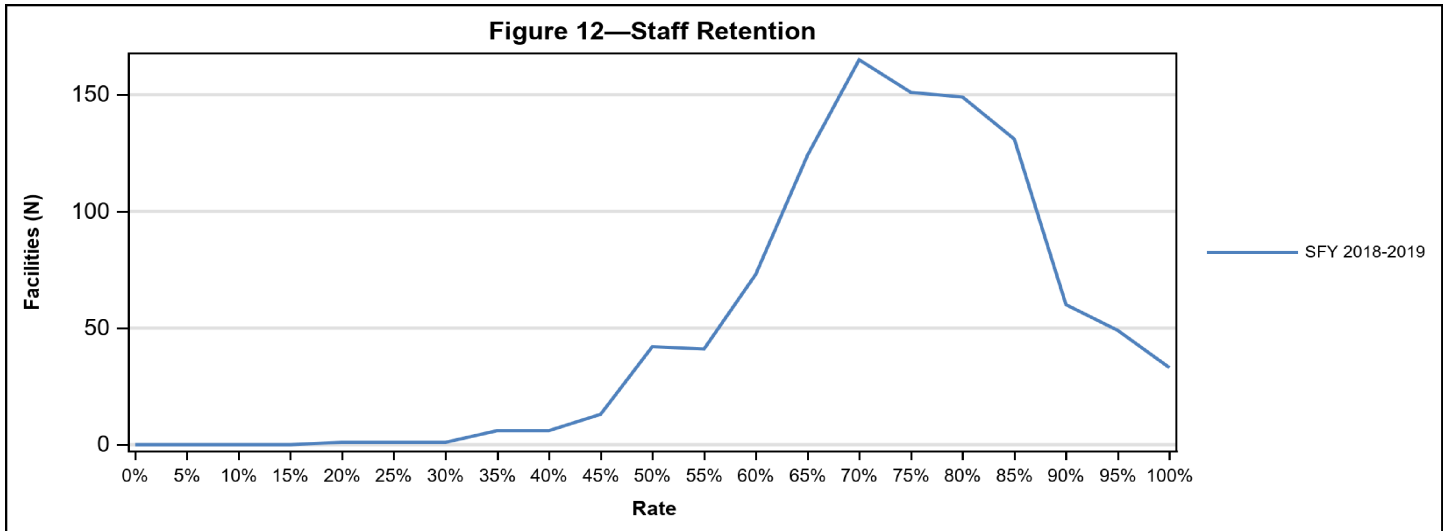


Table 14 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Staff Retention measure.

Table 14—Staff Retention

Performance Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
SFY 2018-19	1,046	54.639%	63.333%	71.654%	80.645%	88.506%	71.396%	18.919%	100.000%