

**1 CDPH SNF QAP**  
**2 QUARTERLY BENCHMARK RATES:**  
**3 Q3 2014–Q1 2015**

## Overview

This report contains the preliminary results and statistics for the California Skilled Nursing Facility (SNF) Quality and Accountability Program (QAP) measures. The measure rates are calculated for Q3 2014, Q4 2014, Q1 2015, and also combined for an aggregate rate. Table 1 provides an overview of the measures analyzed, and the statewide mean and the 75th percentile, from Q3 2014 to Q1 2015. Of note, only facilities meeting the minimum reporting requirements are included in the analysis for both the quarterly and aggregate rate calculation for each measure.<sup>1</sup>

**Table 1—Overview of Measures and Rates (Q3 2014 to Q1 2015)**

Measure	Statewide Mean	Statewide 75th Percentile
Facility-Acquired Pressure Ulcer Incidence (Long Stay)	3.8%	1.5%
Use of Physical Restraints (Long Stay)	1.3%	0.0%
Influenza Vaccination (Short Stay)*	81.4%	94.1%
Pneumococcal Vaccination (Short Stay)*	79.9%	94.9%
Urinary Tract Infection (Long Stay)	4.1%	1.6%
Loss of Bowel or Bladder Control (Long Stay)	45.8%	35.4%
Self-Report Moderate to Severe Pain (Short Stay)	14.0%	5.5%
Self-Report Moderate to Severe Pain (Long Stay)	6.4%	1.5%
Increased Need for Help with Activities of Daily Living (Long Stay)	11.6%	6.7%

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

Given that the quarterly and aggregate benchmarks include fewer than 4 quarters of data, a greater number of facilities may be ineligible for reporting each quality measure compared to the SNF QAP Annual Report due to not meeting the minimum denominator thresholds. Also, facilities with

<sup>1</sup> A minimum threshold (i.e., minimum denominator size) of 20 and 30 was applied to the MDS clinical short and long stay measures, respectively, in order to report the measures. The detailed methodology can be found in the Analysis Plan.

fewer residents are more likely to have more extreme rates, as a change of one resident in the numerator will have a larger impact on the rate. Due to this, the final benchmarks that include all 4 quarters may differ from the currently displayed benchmarks.

## Facility-Acquired Pressure Ulcer Incidence (Long Stay)

Figure 1 shows the rate distribution for the Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

**Figure 1—Facility-Acquired Pressure Ulcer Incidence (Long Stay)**

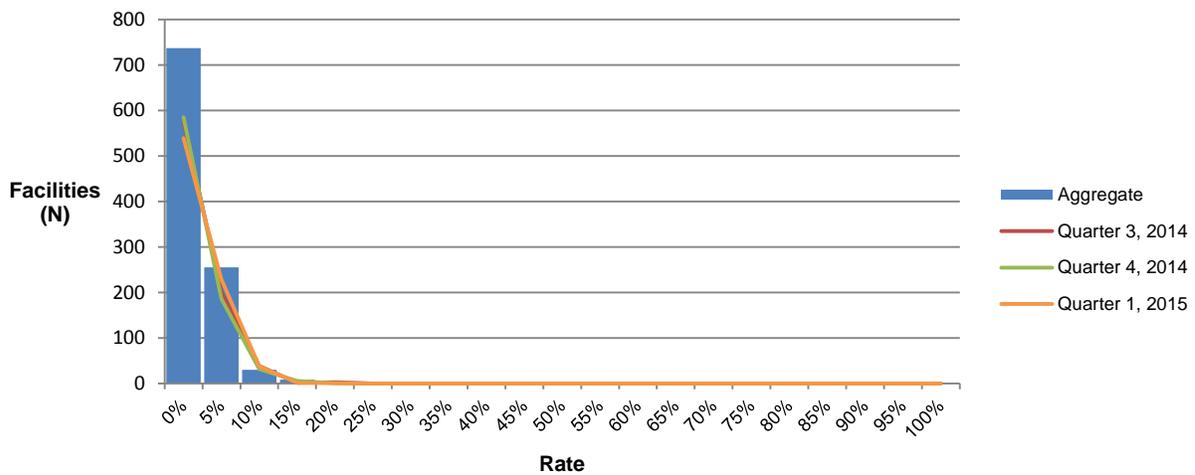


Table 2 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Facility-Acquired Pressure Ulcer Incidence (Long Stay) measure.

**Table 2—Facility-Acquired Pressure Ulcer Incidence (Long Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	821	8.4%	5.7%	3.1%	1.2%	0.0%	3.8%	0.0%	24.5%
2014 Q4	810	7.9%	5.3%	3.0%	1.3%	0.0%	3.6%	0.0%	20.8%
2015 Q1	809	8.5%	5.9%	3.4%	1.5%	0.0%	3.9%	0.0%	21.5%
Aggregate	1,035	7.7%	5.4%	3.3%	1.5%	0.0%	3.8%	0.0%	25.0%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## Use of Physical Restraints (Long Stay)

Figure 2 shows the rate distribution for the Use of Physical Restraints (Long Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

**Figure 2—Use of Physical Restraints (Long Stay)**

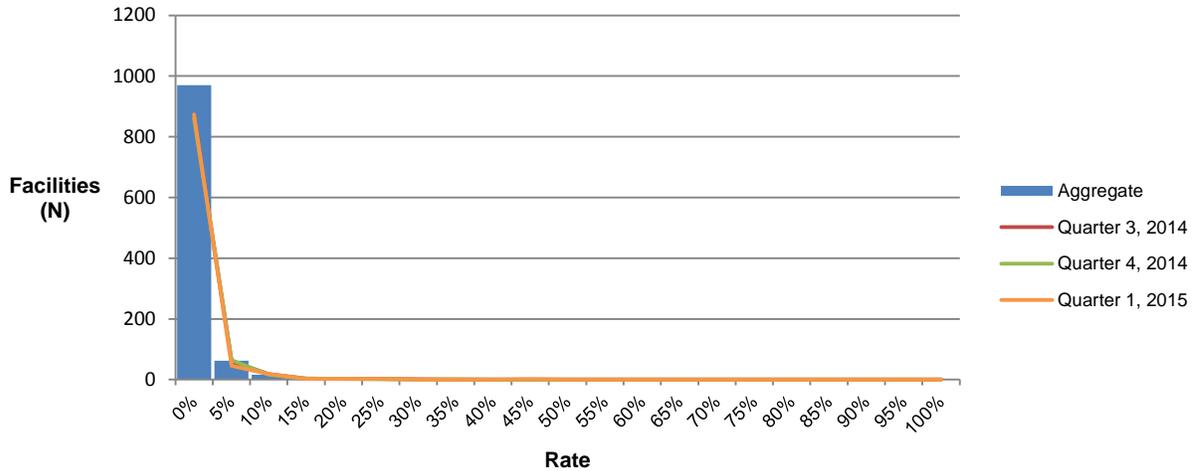


Table 3 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Use of Physical Restraints (Long Stay) measure.

**Table 3—Use of Physical Restraints (Long Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	960	4.5%	1.4%	0.0%	0.0%	0.0%	1.4%	0.0%	33.8%
2014 Q4	950	4.7%	1.5%	0.0%	0.0%	0.0%	1.4%	0.0%	39.5%
2015 Q1	944	3.8%	1.3%	0.0%	0.0%	0.0%	1.2%	0.0%	46.8%
Aggregate	1,055	4.0%	1.2%	0.0%	0.0%	0.0%	1.3%	0.0%	40.1%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## Influenza Vaccination (Short Stay)

Figure 3 shows the rate distribution for the Influenza Vaccination (Short Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is above the lower interval and at or below the higher interval. Note that for the Influenza Vaccination (Short Stay) measure, a higher rate indicates better performance.

**Figure 3—Influenza Vaccination (Short Stay)**

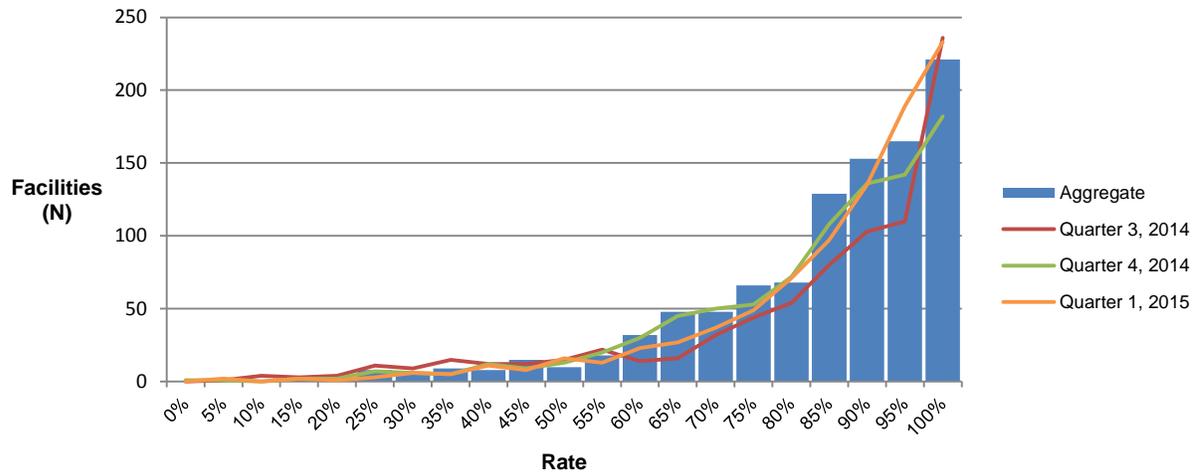


Table 4 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Influenza Vaccination (Short Stay) measure.

**Table 4—Influenza Vaccination (Short Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	797	48.0%	73.4%	87.5%	95.8%	99.3%	80.7%	1.3%	100.0%
2014 Q4	896	57.9%	72.3%	85.5%	93.7%	97.9%	80.6%	0.0%	100.0%
2015 Q1	928	60.6%	77.3%	88.9%	95.1%	98.4%	83.4%	2.4%	100.0%
Aggregate	1,009	58.4%	73.8%	86.5%	94.1%	98.1%	81.4%	3.3%	100.0%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## Pneumococcal Vaccination (Short Stay)

Figure 4 shows the rate distribution for the Pneumococcal Vaccination (Short Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is above the lower interval and at or below the higher interval. Note that for the Pneumococcal Vaccination (Short Stay) measure, a higher rate indicates better performance.

**Figure 4—Pneumococcal Vaccination (Short Stay)**

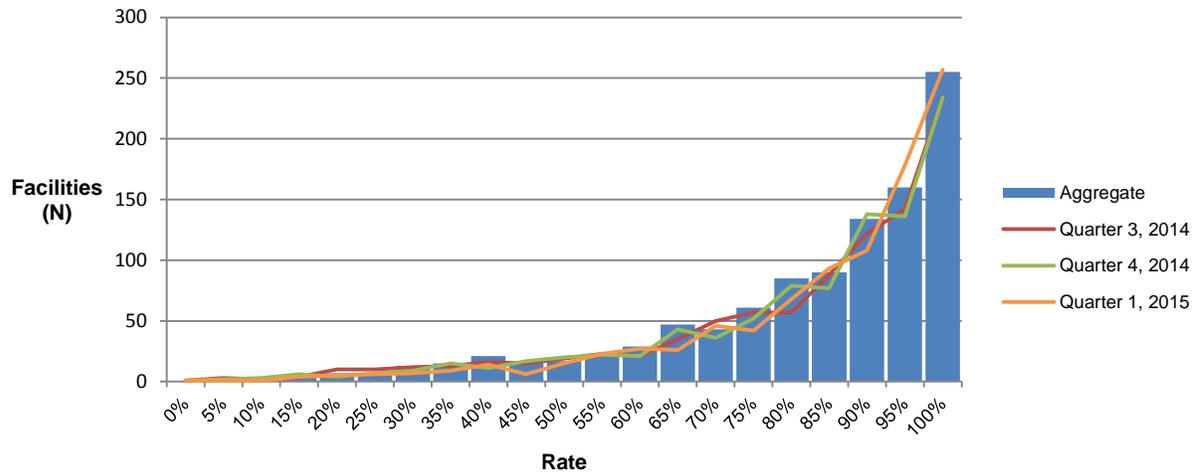


Table 5 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Pneumococcal Vaccination (Short Stay) measure.

**Table 5—Pneumococcal Vaccination (Short Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	935	47.9%	69.9%	86.7%	95.1%	98.9%	79.3%	0.0%	100.0%
2014 Q4	933	50.0%	71.8%	86.7%	95.0%	98.9%	80.0%	0.0%	100.0%
2015 Q1	937	55.7%	75.3%	88.7%	95.5%	99.3%	82.1%	0.0%	100.0%
Aggregate	1,031	49.8%	71.4%	86.8%	94.9%	98.9%	79.9%	1.9%	100.0%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## Urinary Tract Infection (Long Stay)

Figure 5 shows the rate distribution for the Urinary Tract Infection (Long Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

**Figure 5—Urinary Tract Infection (Long Stay)**

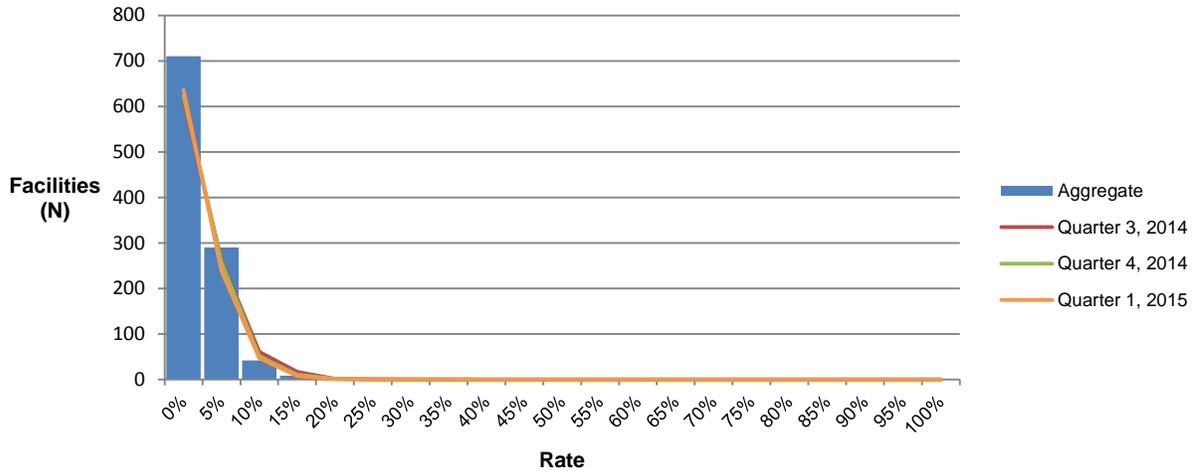


Table 6 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Urinary Tract Infection (Long Stay) measure.

**Table 6—Urinary Tract Infection (Long Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	953	9.3%	6.1%	3.2%	1.3%	0.0%	4.2%	0.0%	25.0%
2014 Q4	945	9.1%	6.1%	3.2%	1.3%	0.0%	4.1%	0.0%	37.1%
2015 Q1	933	8.5%	5.8%	3.0%	1.2%	0.0%	3.8%	0.0%	31.7%
Aggregate	1,053	8.2%	6.0%	3.5%	1.6%	0.5%	4.1%	0.0%	41.7%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## 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 for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

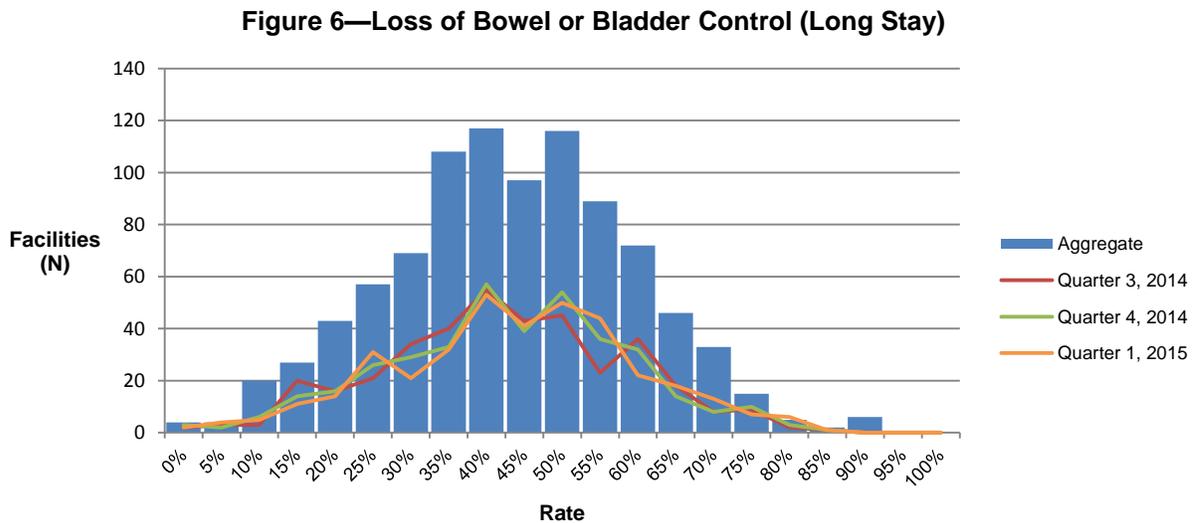


Table 7 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Loss of Bowel or Bladder Control (Long Stay) measure.

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	379	65.4%	55.9%	44.2%	34.4%	23.4%	44.6%	1.3%	88.9%
2014 Q4	383	64.3%	56.6%	45.2%	34.9%	23.3%	45.3%	0.0%	86.1%
2015 Q1	375	66.0%	57.0%	46.0%	35.9%	25.0%	45.9%	0.0%	85.4%
Aggregate	930	66.5%	56.4%	46.2%	35.4%	24.5%	45.8%	0.0%	94.7%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## 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 for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

**Figure 7—Self-Report Moderate to Severe Pain (Short Stay)**

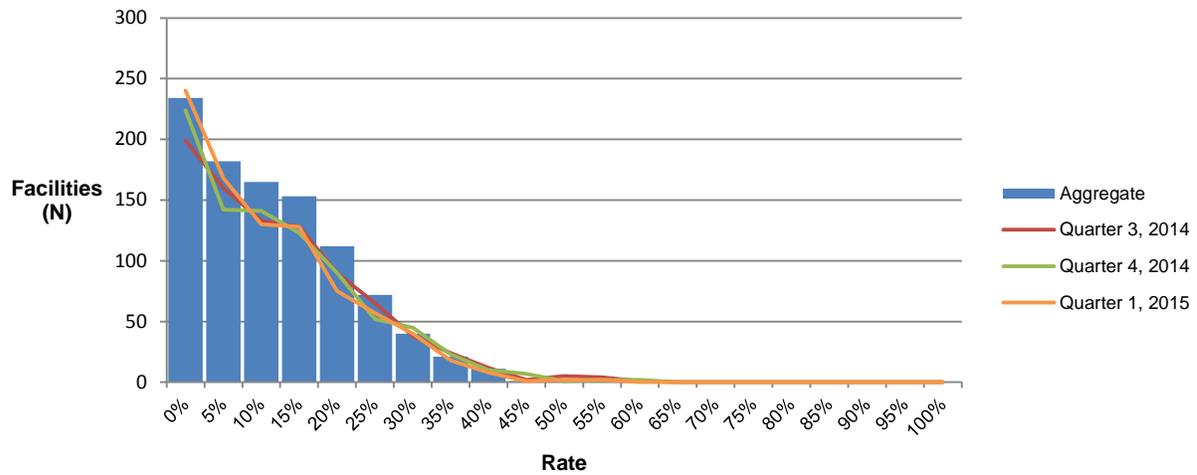


Table 8 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Self-Report Moderate to Severe Pain (Short Stay) measure.

**Table 8—Self-Report Moderate to Severe Pain (Short Stay)**

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	861	29.9%	21.1%	12.5%	5.4%	1.6%	14.4%	0.0%	62.5%
2014 Q4	862	30.3%	20.6%	12.5%	4.7%	1.3%	14.1%	0.0%	63.8%
2015 Q1	869	28.3%	19.4%	11.1%	4.3%	1.1%	13.0%	0.0%	55.6%
Aggregate	996	28.7%	20.2%	12.4%	5.5%	1.8%	14.0%	0.0%	65.4%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## 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 for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above 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.

**Figure 8—Self-Report Moderate to Severe Pain (Long Stay)**

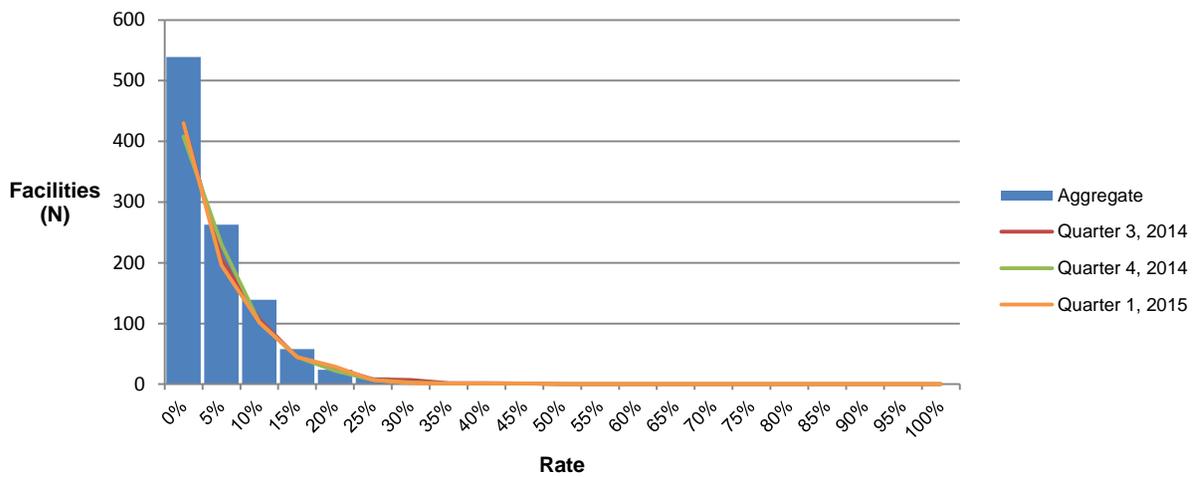


Table 9 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Self-Report Moderate to Severe Pain (Long Stay) measure.

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

Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	834	15.8%	9.6%	4.7%	1.7%	0.0%	6.6%	0.0%	46.5%
2014 Q4	821	14.7%	9.3%	5.0%	1.5%	0.0%	6.3%	0.0%	45.5%
2015 Q1	814	15.2%	9.4%	4.3%	0.7%	0.0%	6.2%	0.0%	48.7%
Aggregate	1,042	14.8%	9.6%	4.6%	1.5%	0.0%	6.4%	0.0%	54.8%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.

## 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 (ADL) (Long Stay) measure for all 3 quarters and the aggregate, in 5-percent intervals. Each interval includes all facilities whose score is at or above the lower interval and less than the higher interval. Note that for the Increased Need for Help with ADL (Long Stay) measure, a lower rate indicates better performance.

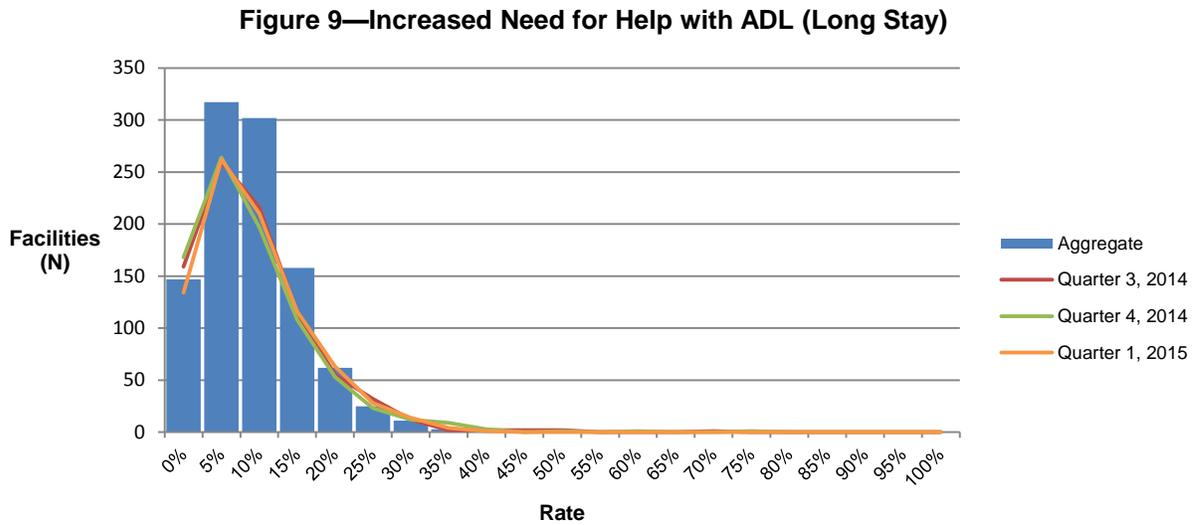


Table 10 shows the number of facilities evaluated, percentile distribution, mean, minimum, and maximum rate for the Increased Need for Help with ADL (Long Stay) measure.

Table 10—Increased Need for Help with ADL (Long Stay)									
Time Period	Number of Facilities	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile	Mean	Minimum Rate	Maximum Rate
2014 Q3	857	21.3%	15.2%	10.0%	6.0%	3.1%	11.5%	0.0%	70.0%
2014 Q4	840	21.2%	15.1%	9.7%	5.9%	3.0%	11.4%	0.0%	75.7%
2015 Q1	832	21.2%	15.4%	10.3%	6.5%	3.4%	11.6%	0.0%	40.8%
Aggregate	1,028	20.0%	15.0%	10.7%	6.7%	4.2%	11.6%	0.0%	45.5%

Note: The selection of facilities included in the final aggregate benchmarks that include all 4 quarters may differ from the quarterly benchmarks due to more facilities meeting the minimum denominator threshold as the year progresses.