CALCULATE RISK-STANDARDIZED READMISSION RATES (RSRRs)

For the FY 2024 Program year, the Centers for Medicare and Medicaid Services (CMS) awards incentive payments to SNFs through the SNF VBP Program based on their performance on the Skilled **Nursing Facility Readmission Measure (SNFRM)** during a baseline period and a performance period.

Calculate an RSRR for both the baseline

and performance periods: Predicted # of

readmissions Expected # of

readmissions

STANDARDS

FOR ALL SNFs

- National x unadjusted
- based on a SNF's performance given its unique case mix. • The expected number of readmissions is the number of unplanned readmissions that would

• The predicted number of readmissions is the

number of unplanned readmissions predicted

be expected if the residents at a given SNF were treated at the average SNF. Calculate inverted RSRRs so that higher results indicate better performance:

1 - RSRR = Inverted RSRR

CALCULATE THE PERFORMANCE

for the Fiscal Year (FY) 2024 Skilled Nursing Facility Value-Based Purchasing (SNF VBP) Program year.

Example

SNF A's baseline period (FY 2019) RSRR:

$$\left(\frac{15.477}{14.761}\right) \times 0.19728 = 0.20685$$

SNF A's performance period (FY 2022) RSRR:

$$\left(\frac{10.342}{11.414}\right) \times 0.20071 = 0.18186$$



Example

1 - 0.20685 = 0.79315

SNF A's baseline period (FY 2019) inverted RSRR:

1 - 0.18186 = 0.81814

Official Calculation

The achievement threshold is the 25th percentile of all SNFs' performance on the

- measure during the baseline period.
- during the baseline period. Both performance standards are calculated using

inverted RSRRs. The FY 2024 Program year

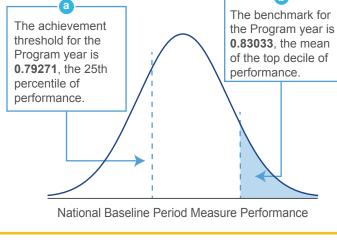
The benchmark is the mean of the top decile

of all SNFs' performance on the measure

performance standards were published in the FY 2022 SNF PPS final rule (page 42513). **DETERMINE PERFORMANCE SCORES**

for the FY 2024 Program Year

Performance Standards



To determine the *performance score*, CMS first calculates the improvement score (scores range from 0 to 90) and the achievement score (scores range

from 0 to 100) using the criteria and equations below. Whichever score is higher becomes the SNF's performance score. a



If the SNF's performance period inverted RSRR is	Then the SNF receives
Less than or equal to the SNF's baseline period inverted RSRR	0 points for improvement
Greater than or equal to the benchmark	90 points for improvement ³
Greater than the SNF's baseline period inverted RSRR but less than the benchmark	Between 0 and 90 points for improvement as calculated using this formula ⁴ :
(SNF perf. period inverted RSRR – SNF baseline period inverted RSRR) (Benchmark – SNF baseline period inverted RSRR)	



period inverted RSRR is... Less than the achievement

threshold		
Greater than or equal to the benchmark	100 points for achievement	
Greater than or equal to the achievement threshold but less than the benchmark	Between 0 and 100 points for achievement as calculated using this formula:	
9 x (SNF perf. period inverted RSRR – Achievement threshold) (Benchmark – Achievement threshold) + 0.5		
¹ SNFs with fewer than 25 eligible stays during only the baseline period (FY 2019 are included in the SNF VBP Program for FY 2024 but are scored on achievement. These SNFs will not receive a baseline period RSRR or improvement score so their achievement score will equal their performance score.		

Then the SNF receives...

0 points for achievement

 $^{\rm 3}\,\text{lf}$ a SNF's performance period inverted RSRR is less than or equal to the SNF's baseline period inverted RSRR and greater than or equal to the benchmark - that is, if the SNF satisfies both criteria - then the SNF receives 0 points for improvement. ⁴Scores are manually adjusted to 90 if greater than 90

² SNFs that did not meet the SNFRM's case minimum (25 or more eligible stays) in

the performance period (FY 2022) are excluded from the SNF VBP Program for FY 2024. Payments to these SNFs in FY 2024 will not be affected by the SNF VBP Program; instead, these SNFs will receive their adjusted federal per diem rate.

TRANSFORM PERFORMANCE SCORES Take the calculated *performance scores* (ranging from 0 to 100, rounded to 5 decimal places) and

transform the performance scores using the

logistic exchange function (transformed scores range from 0 to 1).

Logistic exchange function:

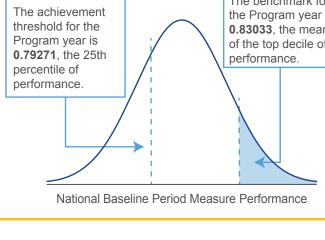
(Step 3)

Also referred to as an S-shaped curve.

The SNF's performance score



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 The SNF's baseline period inverted RSRR, rounded to 5 decimal places (Step 1)¹ The SNF's performance period inverted RSRR,

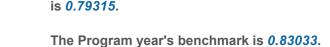
The following elements are used to determine each SNF's

- rounded to 5 decimal places (Step 1)2 • The applicable achievement threshold and benchmark
- for the Program year (Step 2)
 - SNF A's performance period inverted RSRR a is 0.81814. SNF A's baseline period inverted RSRR

Example

is 0.81814.

performance score:



SNF VBP Improvement Score:

 $\left(\begin{bmatrix} 10 \times \left(\frac{0.81814 - 0.79315}{0.83033 - 0.79315} \right) \right] - 0.5 \right) \times 10 = 62.21356$

SNF A's performance period inverted RSRR

is 0.83033.

SNF VBP Achievement Score:

The Program year's achievement threshold is 0.79271 and the Program year's benchmark

 $\left(\left[9 \times \left(\frac{0.81814 - 0.79271}{0.83033 - 0.79271} \right) \right] + 0.5 \right) \times 10 = 65.83732$

SNF A's performance score is 65.83732.

Logistic exchange function:

SNF A is 0.829732419.

$\frac{1}{\left(1+e^{-0.1(65.83732-50)}\right)} = 0.829732419$

Logistic Exchange Function

Performance Score

0.25

0.00

Example

The transformed performance score for

The FY 2024 SNF VBP Program used FY 2021 historical payment data to estimate the incentive

2% of SNF Medicare FFS Part A payments:

 $$23,501,739,454 \times .02 = $470,034,789.08$

60% of the 2% of SNF Medicare FFS Part A

 $$470,034,789.08 \times .60 = $282,020,873.45$

1.00 Logistic Transformation 0.75 0.50

CALCULATE THE INCENTIVE **PAYMENT POOL**

Calculate the incentive payment pool:1

 $^{\rm 1}\,\mbox{Per}$ statute, the SNF VBP Program must withhold 2% of SNF Medicare FFS Part A payments and then redistribute 50%-70% of the withhold to SNFs in the form of incentive payments. CMS finalized a 60% payback percentage in the FY 2018 SNF PPS final rule (pages 36619–36621).

payment pool.

Incentive

payment pool

CALCULATE A SCALING FACTOR Each SNF's calculated *scaling factor* ensures that the sum of all included SNFs' incentive

score (Step 4)

60% of 2% of SNF Medicare

fee-for-service (FFS) Part A payments

Incentive payment pool (Step 5) Scaling = factor SNF's Medicare x transformed payments performance

payment adjustments equals the incentive

DETERMINE EACH SNF'S INCENTIVE PAYMENT ADJUSTMENT SNF's *Incentive* Scaling transformed payment = 0.02 xfactor

The incentive payment pool is \$282.02M.

Official Calculation

payment pool.

payments:

Official Calculation

Scaling factor: \$282,020,873.45

The scaling factor for all SNFs is 1.896217219.

 $0.02 \times 0.829732419 \times 1.896217219 = 0.0314670577$

= 1.896217219

The incentive payment pool is \$282.02M.

\$148,728,147.06

Example Incentive payment adjustment:

SNF A's incentive payment adjustment is

performance adjustment (Step 6) score (Step 4)

CALCULATE EACH SNF'S INCENTIVE

PAYMENT MULTIPLIER The incentive payment multiplier simultaneously accounts for the 2 percent withhold and the incentive payment adjustment. CMS applies each SNF's incentive payment multiplier to the SNF's

Incentive payment multiplier

to rounding.

adjusted federal per diem rate. Incentive payment adjustment + 0.98

(Step 7)

Example

0.0314670577.

Incentive payment multiplier:

0.0314670577 + 0.98 = 1.0114670577

SNF A's incentive payment multiplier is

1.0114670577. When CMS makes payments for SNF A's Medicare FFS Part A claims in FY 2024, SNF A's

adjusted federal per diem rate is multiplied by

Note: In the examples above, the final digit of the calculated values might not exactly match actual SNF VBP Program results due

SNF A's incentive payment multiplier.

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