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CALCULATE RISK-STANDARDIZED READMISSION RATES (RSRRs)

The SNF VBP Program tracks SNFs' performance on the Skilled Nursing Facility Readmission Measure (SNFRM, NQF #2510) during a baseline period and a performance period.

Calculate an RSRR for both the Baseline and Performance Period: Predicted # of

number of unplanned readmissions predicted

- based on a SNF's performance given their unique case mix. · The expected number of readmissions is the number of unplanned readmissions that would
- be expected if the residents at a given SNF were treated at the average SNF. Calculate inverted RSRRs:
- 1 RSRR = Inverted RSRR

CALCULATE THE ACHIEVEMENT

THRESHOLD AND BENCHMARK

Examples

SNF A's Baseline Period RSRR (FY 2017):

$$\left(\frac{15.950}{14.932}\right) \times 0.19521 = 0.2085$$

SNF A's Performance Period RSRR (FY 2019):

$$\left(\begin{array}{c} 15.057 \\ \hline 16.593 \end{array}\right) \times 0.19899 = 0.18057$$

Examples SNF A's Baseline Period inverted RSRR (FY 2017):

Example

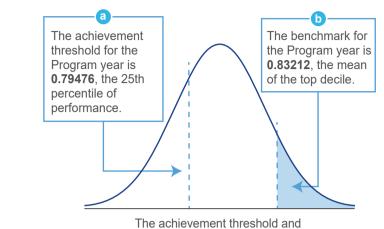
1 - 0.20852 = 0.79148

1 - 0.18057 = 0.81943

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

during the baseline period.

- measure during the baseline period. The benchmark is the mean of the top decile of all SNFs' performance on the measure



benchmark for the FY 2021 Program year

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

The following elements are used to determine

DETERMINE THE PERFORMANCE

SCORES FOR ALL SNFs

SNFs' performance scores:

The SNF's baseline period inverted RSRR

 The applicable achievement threshold and benchmark for the Program year (Step 2)

Each SNF's inverted RSRR in the performance

period is used to calculate two metrics:

- Improvement score (scores range from 0 to 90)a Achievement score (scores range from 0 to 100)
- SNF's performance score.

Take the calculated performance scores for all

SNF A's performance period inverted RSRR is 0.81943.

Example

SNF A's baseline period inverted RSRR is 0.79148.

The Program year's benchmark is 0.83212.

SNF VBP Improvement Score:

 $\left(\left[10 \times \left(\frac{0.81943 - 0.79148}{0.83212 - 0.79148} \right) \right] - 0.5 \right) \times 10 = 63.77461$

SNF A's performance period inverted RSRR

The Program year's achievement threshold is 0.79476, and the Program year's benchmark is

SNF VBP Achievement Score:

0.83212.

Example

SNF A's performance score is 64.42987.

 $\frac{1}{\left(1+e^{-0.1(64.42987-50)}\right)} = 0.808916779$

Logistic exchange function:

(rounded to 5 decimal places) (Step 1)

Whichever score is higher becomes the

- **SNF VBP Improvement Score:**
- SNF baseline period inverted RSRR

^aScores are manually adjusted to 0 if less than 0 and manually adjusted to 90 if

greater than 90.

range from 0 to 1).

SNFs (ranging from 0 to 100, rounded to 5 decimal places) and transform the performance scores

Also referred to as an S-shaped curve.

using the logistic exchange function (values now

Logistic exchange function:

TRANSFORM PERFORMANCE

SCORES FOR ALL SNFs



The SNF's performance

score (Step 3)

The incentive

payment pool

0.00 100 50 Performance Score CALCULATE THE INCENTIVE **Example** 888 The FY 2021 SNF VBP Program used FY 2018 historical payment data to estimate the incentive payment pool. Calculate the incentive payment pool:1 The incentive payment pool: 2% of SNF Medicare Part A FFS payments: 60% of 2% of SNF Medicare $$25,807,538,296 \times .02 = $516,150,765.92$ Part A fee-for-service (FFS) payments

Logistic Exchange Function

1.00

0.75

0.50

0.25

ogistic Transformation

CALCULATE A SCALING FACTOR

Each SNF's calculated scaling factor ensures

factor 0.02 x Medicare transformed payments to SNF score (Step 4) score (Step 4)

APPLY THE LOW-VOLUME ADJUSTMENT (LVA)

SNFs with fewer than Adjust incentive 25 eligible stays in payment multipliers the performance (Step 8) to 1.0² period

Incentive payment multipliers for SNFs with at

least 25 eligible stays in the performance period

Unadjusted incentive

payment multiplier

$$516,150,765.92 \times .60 = $309,690,459.55$

Scaling factor:

Example

000

\$309,690,459.55

\$148.950.964.51

Example

= 2.0791437005

The incentive payment pool is \$309.69M.

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

The scaling factor for all SNFs is 2.0791437005.

Incentive payment adjustment:

Incentive payment multiplier:

 $0.02 \times 0.808916779 \times 2.0791437005 = 0.0336370845$

Example

SNF A's incentive payment multiplier remains at 1.0136370845 because it has at least 25 eligible stays in the performance period.

0.0336370845 + 0.98 = 1.0136370845

SNF A's incentive payment multiplier is 1.0136370845.

SNF B has 20 eligible stays in the performance period, a performance score of

Example

24.89829, and an original incentive payment multiplier of 0.9831248791.

stays in the performance period, the

Because SNF B has fewer than 25 eligible

performance score is adjusted to 49.23832 and the incentive payment multiplier adjusts

Adjusted incentive payment multiplier Adjusted performance score N/A N/A 1.0 49.23832

1.0136370845 27 SNF B 20 0.9831248791

will remain the same.

Eligible

stays

Example

SNF

SNF A

	in the form of incentive payments. CMS finalized a 60% payback percentage via rulemaking (82 FR 36619 through 36621: https://www.
	federal register.gov/documents/2017/08/04/2017-16256/medicare-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-for-skilled-program-prospective-payment-system-and-consolidated-billing-system-and-conso
	nursing-facilities).
2	² A low-volume adjustment (LVA) policy was implemented beginning with the FY 2020 SNF VBP Program year. The following is a summary of
	this policy:

Apply the LVA?

No

✓ Yes

· SNFs with 25 stays or more in the performance period of a given Program year and fewer than 25 stays in the baseline period will be scored on achievement only. These SNFs will not be scored on improvement. The achievement score will equal the performance score.

This policy was discussed and finalized on pages 39278 through 39280 of the FY 2019 SNF PPS final rule: https://www.federalregister.gov/ documents/2018/08/08/2018-16570/medicare-program-prospective-payment-system-and-consolidated-billing-for-skilled-nursing-facilities.

that the sum of all SNFs' incentive payment adjustments equals the incentive payment pool. Incentive payment pool (Step 5) Scaling =

PAYMENT ADJUSTMENT SNF's *Incentive* Scaling transformed = 0.02 xfactor payment performance adjustment (Step 6)

DETERMINE EACH SNF'S INCENTIVE

incentive payment adjustment. Incentive payment Incentive payment + 0.98 adjustment multiplier

(Step 7)



to 1.0, a net-neutral multiplier.

¹ Per statute, the SNF VBP Program must withhold 2% of SNF Medicare Part A FFS payment and redistribute 50–70% of the withhold to SNFs

· SNFs with fewer than 25 stays in the performance period of a given Program year, regardless of the number of stays in the baseline period, will automatically receive a net-neutral incentive payment multiplier of 1.0 for that Program year. This means that payment will not be impacted by the SNF VBP Program. These SNFs are also assigned a neutral performance score and rank.