Telligen QI Connect

Partnering to improve health outcomes through relationships and data

Quality Innovation Network -Quality Innovement Organizations CENTERS FOR MEDICARE & MEDICAID SERVICES iQUALITY IMPROVEMENT & INNOVATION GROUP

## How to Quantify Your QI Goals

**Step 1.** Determine your desired relative improvement rate for the quality measure of interest. For example, your home's goal may be to reduce your long-stay antipsychotic medication measure by 15%.

**Step 2.** Obtain your current QM score of interest along with associated numerator and denominator counts from the CASPER MDS 3.0 Facility-Level Quality Measure Report.

**Step 3.** Multiply your current QM numerator by (100 – Desired Relative Improvement Percent). Then divide by 100 and round down to the nearest whole number. This will be your target numerator count in order to achieve your desired improvement.

**Step 4.** Subtract your target numerator from your current QM numerator to obtain your resident reduction goal.

## Example:

- 1. Goal is to reduce long-stay antipsychotic medication measure by 15%.
- 2. Current score = 21/82 = 25.61%
- 3. Target QM numerator =
  - <u>21 \* (100-15)</u> = 17.85 → rounded down to nearest whole number = 17 is the target numerator 100
- 4. Resident Reduction Goal = 21 17 = 4 less residents on unnecessary antipsychotic medications.

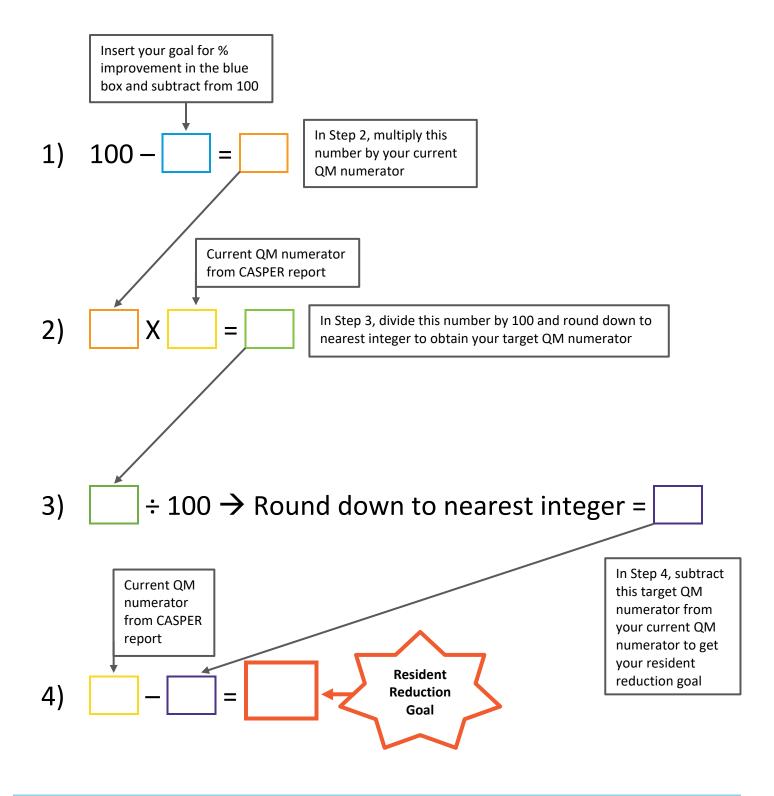
In the example above, the home would need to reduce their numerator by 4 residents from 21 at baseline down to 17 at follow-up in order to achieve a 15% relative improvement rate for the antipsychotic medication measure.

These calculations are assuming that the number of residents meeting denominator criteria at baseline and follow-up remains the same. In the above example, the reduced rate would be 17/82 = 20.73%.

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## Calculation Worksheet:



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