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.

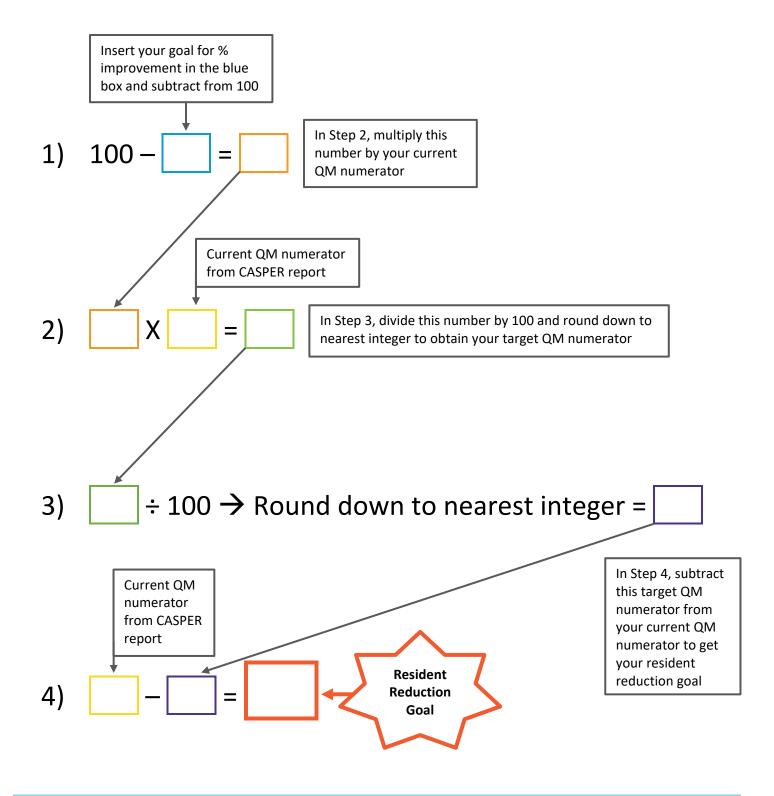
In the example above, the home would need to reduce their numerator by 4 residents from 21 at baseline down to 17 at follow-up in order to achieve a 15% relative improvement rate for the antipsychotic medication measure.

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%.

Telligen Ql Connect™ Partnering to improve health outcomes through relationships and data

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

Calculation Worksheet:



This material was prepared by Telligen, the Quality Innovation Network-Quality Improvement Organization, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services (HHS). Views expressed in this material do not necessarily reflect the official views or policy of CMS or HHS, and any reference to a specific product or entity herein does not constitute endorsement of that product or entity by CMS or HHS. This material is for informational purposes only and does not constitute medical advice; it is not intended to be a substitute for professional medical advice, diagnosis or treatment. 12SOW-QIN-09/19/23-5031