

The Ohio Department of Medicaid's

MyCare Ohio Minimum Performance Standards Outliers (MPSO) Methodology

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Introduction

Due to the pandemic, standards for performance measures established in Appendix M of the MyCare Ohio provider agreement required modification. Instead of basing standards on national benchmarks, ODM will use the Minimum Performance Standard Outliers (MPSO) Methodology to set standards. Using this methodology, ODM will evaluate each MyCare Ohio plan's (MCOP) performance by comparing the plans' results to each other and identifying outliers that are statistically lower or higher than the median plan for the measure being evaluated.

These methods set outlier standards for MY 2020 and MY 2021. For MY 2020, this method examines the dispersion in MCOP values from MY 2018 – MY 2019 and the median MCOP value for MY 2020 for each measure to set an upper or lower outlier standard (depending on the desired direction for the measure). The values from MY 2018 – MY 2019 determine the dispersion for each year MY 2018 through MY 2019 and those dispersions (standard deviation for each year) are used in a formula to create a threshold for MY 2020. The median plan in MY 2020 will be the starting point of the formula for the MY 2020 standard, with the outlier threshold relying on the median for MY 2020 and the dispersion (mathematical relationship between the values) using standard deviations from MY 2018 – MY 2019. (Note, if data from an MCOP or more than one MCOP from the years MY 2018 to MY 2019 is incomplete or is not considered to be quality data, then the formula will be adjusted to remove that MCOP's data from the calculation of the standard deviation for that year).

The same process will be done for MY 2021, using the same MY 2018 and MY 2019 dispersion values but now using MY 2021 as the median value instead of MY 2020.

The measures for which there will be outlier standards for MY 2020 are:

- Adults' Access to Preventive/Ambulatory Health Services (AAP)
- Antidepressant Medication Management – Effective Acute Phase Treatment
- Antidepressant Medication Management – Effective Continuation Phase Treatment
- Breast Cancer Screening (BCS)
- Comprehensive Diabetes Care (CDC) - HbA1c Control (<8.0%)

Step 1: Rank MCOPs for Each Measure for MY 2020

For each measure listed above, the MCOPs will be ranked for MY 2020 rates from 1-5 for the five plans.

The median will be calculated for each measure for the five plans for MY 2020.

Step 2: Calculate Standard Deviations for Each Measure for MY 2018 and MY 2019

Calculate the standard deviation for each measure for each of the three years listed, using all aggregate rate data for each of the five plans as the five data points (N) for that year, then computing the mean of the 5 plans, and computing the rest of the standard deviation formula using the population standard deviation formula:

$$\sigma = \sqrt{\frac{1}{N} \sum_{i=1}^N (x_i - \mu)^2}$$

The population standard deviation formula is chosen instead of the sample standard deviation formula because all five plans represent the ODM MCOP population for that year, and not a sample of the population for that year.

- A. Multiply each of the standard deviations by 2 in order to get the 2SD number

Step 3: Calculate the threshold for the outliers for MY 2020 which will be the median MCOP for MY 2020 minus a weighted average of the MY 2018 and MY 2019 standard deviations determined in Step 2.

Using the standard deviations calculated in Step 2, the general formula for creating the threshold for the outliers for the measures will be:

$$\text{Median Plan MY 2020} - [(0.4 * (2SD \text{ MY 2018})) + (0.6 * (2SD \text{ MY 2019}))]$$

Step 4: Make sure the new outlier threshold for MY 2020 is not higher (or lower) than the current threshold in the MCOP Provider Agreement for MY 2019.

For measures where a higher value is desired, if the threshold created by formula for MY 2020 is lower than the existing threshold used in MY 2019, the MY 2020 threshold will be used. For these measures, if the threshold for MY 2020 is higher than the existing threshold used in MY 2019 in the MCOP Provider Agreement, the MY 2019 threshold will be used.

Conversely, for measures where a lower value is desired, if the threshold created by formula for MY 2020 is higher than the existing threshold used in MY 2019, the MY 2020 threshold will be used. For these measures, if the threshold for MY 2020 is lower than the existing threshold used in MY 2019 in the MCOP Provider Agreement, the MY 2019 threshold will be used.

All measures will be specified to state whether a higher or lower value is desired.