

2020 Qualified Clinical Data Registry (QCDR) Measure Development Handbook

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Introduction

Qualified Clinical Data Registries (QCDRs) have the opportunity to develop and submit up to 30 QCDR measures for consideration during the self-nomination period. All submitted QCDR measures are reviewed by the Centers for Medicare & Medicaid Services (CMS) for potential inclusion as QCDR measures in the Merit-based Incentive Payment System (MIPS) program. This document provides guidance and suggestions to QCDR measure developers on QCDR measure structure, analytics, and types as well as a QCDR measure development check list, resources for QCDR measure development and definitions used by CMS to communicate QCDR measure review decisions.

Disclaimer: This QCDR Measurement Development Handbook is subject to change based upon what is finalized for inclusion and removal in the CY 2020 Physician Fee Schedule Final Rule for the Quality Payment Program.

QCDR Measure Development, Review, and Posting Process:

1	2	3	4	5	6	7	8
QCDR's create and collaborate to develop and test QCDR measures (Ongoing process).	CMS publishes QCDR vendor requirements and QCDR measure requirements/handbook.	QCDR submits self-nomination and proposed QCDR measure.	CMS determines if QCDR entities are eligible to submit QCDR measures on behalf of eligible clinicians.	CMS determines if the proposed measure is approved, provisionally approved, or rejected for the performance period.	QCDR measures have opportunity for reconsideration, edits/updates.	QCDR measure specification files are finalized.	CMS publishes the QCDR measure specification file.

QCDR Measure Development Checklist

Prior to submitting a QCDR measure for CMS consideration, the following checklist should be reviewed. CMS uses a similar checklist during the QCDR measure review process.

QCDR measures should:

- Be developed using the measure development processes as defined in the CMS Blueprint.
- Be clinically relevant and evidence based (align with current clinical guidelines).
- Include evidence of a performance gap either by providing performance data or the most recent study citation supporting a performance gap.
- Address suggested/required revisions made by CMS during the previous performance period of MIPS (Provisionally Approved measures) or provide rationale of why the CMS request is not clinically appropriate.
- Focus on a quality action instead of documentation.
- Focus on an outcome rather than a clinical process.

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- Have opportunity for adequate patient population and measure adoption for the QCDR measure to have a more significant impact on quality improvement.
- Clearly define the quality action and population in the description for eligible clinician ease of understanding.
- Address one or more Meaningful Measure Areas and National Quality Strategy domains.
- Be fully developed and not just in the concept development phase. End to end testing or process validation should be performed to ensure data can be collected or extracted, received and calculations can occur.
- Indicate accurate measure analytics (inverse, risk-adjusted, ratio, proportional, or continuous variable)
- Be thoroughly vetted by the QCDR to ensure proper spelling and grammar throughout the QCDR measure specification.
- Identify whether there are changes to the QCDR measure specification for the upcoming performance period of MIPS, if approved from a previous performance period of MIPS. Please note, substantive changes that alter the intent of the QCDR measure and may impact the performance score and benchmarking will result in a new measure ID being assigned.

QCDR measures should not:

- Duplicate an existing or proposed MIPS clinical quality measure (CQM/eCQM).
- Duplicate an existing QCDR measure (unless the new measure is a substantial improvement over the existing measure).
 - To reduce the number of duplicative QCDR measures in MIPS, CMS encourages QCDRs to share and/or harmonize QCDR measures that are similar in topic and/or concept. CMS will likely not approve measures that are duplicative or very similar to one another since harmonized QCDR measures allow for a larger cohort on which clinicians can be compared.
- Duplicate a retired Physician Quality Reporting System (PQRS) or quality measure.
- Include measures that are considered topped out with performance rates at or near 100% (or 0% for inverse measures). Topped out measures are defined as above 95% or less than 5% for inverse measures. This definition aligns with other CMS Value Based Payment programs.
- Split a single or related clinical process or outcome into several QCDR measures. For example: the results of three different tests are required for a standard of care. Each test should not be a single measure but all three should be combined into one comprehensive measure.
- Have the potential of unintended consequences. For example, a measure that discourages an oncology patient from receiving oxygen therapy or other comfort measures.
- Focus on the elimination of serious, preventable, and costly medical errors that are highly unlikely to occur, so-called “Never Events”. For example: Surgery performed on the wrong patient or a fire in the operating room.
- Be burdensome to the MIPS eligible clinician.



- Be a standard of care with the expectation it is performed consistently (low bar).
- Be incidence measures.
- Have a quality action that is not attributed to the submitting eligible clinician.
- Be documentation/check box measures.

QCDR Measure Development

This section provides information on methods of constructing or structuring measures, the parts of a measure needed for analytics, methods of measure analytics and measure types.

Measure Specification Components

Critical to the construction of a quality measure is the identification of the measure's target population (denominator) and quality clinical action (numerator), including any applicable exclusions or exceptions. The measure specifications should precisely define the measure's denominator, numerator, denominator or numerator exclusions, and denominator exceptions. The following components are used to create quality measures and include the analytic attributes used to calculate a measure.

Measure Description: This is a high-level summary of the target population and the quality action. The measure description should briefly describe the type of score (e.g., percentage, percentage rate, proportion, number), the target population, and the focus of measurement. *For example, "Percentage of patients 65 years of age and older who were screened for future fall risk during the performance period."*

- **Denominator statement:** The lower portion of a fraction used to calculate a rate, proportion, or ratio. The denominator statement must describe the eligible population (or episodes of care) to be evaluated by the measure. This should indicate age ranges, condition or diagnosis, procedures, setting, and timeframe (when applicable) or other qualifying events. *For example, "Patients aged 18 through 75 years with a diagnosis of diabetes."*
- **Denominator exclusion:** Criteria that removes the encounter/patient from the denominator before determining if the quality action was completed. Denominator exclusions are more absolute where the quality action is not applicable and would not be considered for the population. *For example, "Patients with bilateral lower extremity amputations would be listed as a denominator exclusion for a measure requiring foot exams."*
 - o For registry data submissions, denominator exclusions are not considered denominator eligible and should not be included in the data completeness and performance rate calculations.
- **Numerator statement:** The upper portion of a fraction used to calculate a rate, proportion, or ratio. The numerator statement must clearly detail the quality clinical action expected



that satisfies the condition(s) and is the focus of the measurement for each patient, procedure, or other unit of measurement established by the denominator (patients who received a particular service or clinicians that completed a specific outcome/process). *For example, "Patients whose most recent HbA1c level resulted during the performance period is well controlled."*

- **Numerator exclusion:** Applies to ratio and inverse proportion measures to define instances that should not be included in the numerator data.
 - *Ratio Example: If the number of central line blood stream infections per 1,000 catheter days were to exclude infections with a specific bacterium, that bacterium would be listed as a numerator exclusion.*
- **Denominator exception:** Used only in proportion measures to remove a patient, procedure, or unit of measurement from the denominator only if the numerator criteria are not met. This permits the exercise of clinical judgment and implies that the treatment was at least considered for each eligible patient. Denominator exceptions may be classified into medical, patient or system reasons.

Measure Structure

There are several methods for structuring quality measures. The following are common measure structures with examples for constructing a more robust measure through creation of a composite or stratified quality measure:

- **Simple measure structure (non-stratified/non-composite measure):** This is the most common measure structure within MIPS. It contains a single target population with a single numerator. This produces one performance rate.
 - **MIPS clinical quality measure example:** Quality ID #130 (NQF 0419): Documentation of Current Medications in the Medical Record.
- **Composite measure:** A combination of two or more individual performance measures, each of which individually reflects quality of care, into a single performance measure with a single score. Appropriate denominator exceptions should be included for the quality action being measured. Composite measures promote a high standard of excellence of comprehensive care.
 - *Composite measures* can provide a broader assessment of quality care.
Examples:
 - All-or-none - Only those patients who received all indicated quality actions will be considered numerator compliant.
 - Any-or-none - Similar to all-or-none but is used for events that should not occur. A patient is counted as failing if he or she experiences at least one adverse outcome from a list of two or more adverse outcomes.
 - Linear combinations – May be a simple average or a weighted average of individual measure scores.
 - Regression-based composite - The weight assigned to each item is directly related to its reliability and the strength of its association with the gold standard endpoint.



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- o **MIPS clinical quality measure example (All-or-none):** Quality ID #441: Ischemic Vascular Disease (IVD) All or None Outcome Measure (Optimal control); Quality ID #394: Immunizations for Adolescents.
- **Multi-strata measure:** Multiple denominator options to reduce the number of measures addressing a similar condition, quality action or topic. Reasons for stratification include but not limited to age groupings, specific condition, specific location, different complications of the same procedure, and vaccinations.
 - o **Measure construction:**
 - Each denominator (patient population) can be limited to the appropriate patient population.
 - Each numerator (quality action) can be adjusted for the denominator eligible patient population.
 - **MIPS clinical quality measure example:** Quality ID #7: Coronary Artery Disease (CAD): Beta-Blocker Therapy – Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%).

Measure Types

Measures are assigned a measure type based on the quality action defined in the measure numerator. Measures can be classified into the following measure types:

- **Outcome Measure:** A measure that assesses the results of healthcare that are experienced by patients: clinical events, recovery and health status, experiences in the health system, and efficiency/cost.
 - o **MIPS clinical quality measure example:** Quality ID #191: Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery.
- **Intermediate Outcome Measure:** A measure that assesses the most recent assessment of quantity, quality, and consistency of the body of evidence that the measured intermediate clinical outcome leads to a desired health outcome.
 - o An intermediate outcome is a (measured) change in physiologic state that leads to a longer-term health outcome.
 - o **MIPS clinical quality measure example:** Quality ID #236: Controlling High Blood Pressure.
- **Patient Reported Outcome (PRO) Measure:** A type of outcome measure where the patient directly self-reports the status of a health condition, health behavior, or experience with healthcare without interpretation of the patient's response by a clinician or anyone else.
 - o Measures that only capture the distribution of survey assessments will not be approved.
 - PRO measures should require positive outcome (Improved pain score, Improved functional status, Patients are satisfied).
 - o **MIPS clinical quality measure example:** Quality ID #469: Average Change in Functional Status Following Lumbar Spine Fusion Surgery.



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- **Efficiency and Cost/Resource Use:** Measures of cost and resource use can be used to assess the variability of the cost of healthcare and to direct efforts to make healthcare more affordable.
 - **MIPS clinical quality measure example:** Quality ID #102: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients.
- **Patient Engagement/Experience:** Patient engagement measures the involvement and strengthens person and family engagement as partners in their healthcare. The measure should address the experience of each person and their family and the extent to which they are engaged as partners in their care.
 - **MIPS clinical quality measure example:** Quality ID #321: CAHPS for MIPS Clinician/Group Survey.
- **Structure:** Measures healthcare organizations or clinicians on a use of a feature as it relates to the capacity to provide high-quality healthcare. These measures require evidence that the specific structural elements are linked to improved care and improved health outcomes.
- **MIPS clinical quality measure example:** Quality ID #137: Melanoma: Continuity of Care - Recall System.
- **Process Measure:** A measure that focuses on a process which may lead to a certain outcome, meaning that a scientific basis exists for believing that the process, when executed well, will increase the probability of achieving a desired outcome.
 - Process measures are supported by evidence that the clinical process—that is the focus of the measure—has led to improved outcomes.
 - CMS recognizes that process measures contribute to improving the clinical process to achieve the clinical outcome, but the intent is to prioritize outcome-based measures and move away from process based measures.
 - **MIPS clinical quality measure example:** Quality ID #226: Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention.

Measure Analytics

Measures can be described as proportional, non-proportional, continuous variable, ratio, or require multiple performance rate calculation depending upon the methodology used to analyze the measure. The construction of the patient population and assessment of the quality action would determine the methodology.

- **Proportional:** A score derived by dividing the number of cases that meet a criterion for quality (the numerator) by the number of eligible cases within a given time frame (the denominator). The numerator cases are a subset of the denominator cases (e.g., percentage of eligible women with a mammogram performed in the last year).
 - The performance rate of a proportion measure is defined as the number of patients meeting the quality action divided by the denominator eligible population.



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- **MIPS clinical quality measure example:** Quality ID #128: Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan: 321 patients received appropriate BMI screening and follow-up out of 401. The performance rate would be 80 percent.
- **Non-proportional:** A score that is derived from a variety of different data elements that are captured as the numerator information. The variability in these data points make decile creation based on a mathematical analysis very unpredictable.
 - o CMS prefers that the numerators are revised to establish an expected benchmark based on guidelines or national performance data. By comparing the observed data to the benchmark, this would allow for these measures to be converted into a proportional measure.
 - **Example:** Door to balloon time
 - Continuous variable: Mean time from arrival to balloon VS.
 - Proportional: Balloon time under 2 hours.
 - o **Continuous Variable:** A measure score in which each individual value for the measure can fall anywhere along a continuous scale and can be aggregated using a variety of methods such as the calculation of a mean or median (e.g., mean time to thrombolytics, which aggregates the time in minutes from a case presenting with chest pain to the time of administration of thrombolytics).
 - Aggregate scores for continuous variable measures are more complex than for proportion measures in that they are more than just the counts of individuals in each population.
 - **MIPS clinical quality measure example:** Quality ID #461: Average Change in Leg Pain Following Lumbar Discectomy and/or Laminotomy: An eligible clinician performed 127 laminotomies. Patients reported an average change in leg pain of 1.7 points.
 - o **Ratio:** A score that may have a value of zero or greater that is derived by dividing a count of one type of data by a count of another type of data. The key to the definition of a ratio is that the numerator is not in the denominator (e.g., the number of patients with central lines who develop infection divided by the number of central line days).
 - Rates closer to 1 represent the expected outcome.
 - **Example:** Actual/Expected.
 - Length of Stay for Heart Failure
 - o Actual: 5.5
 - o Expected: 4.5 days
 - o Ratio: 1.2
- **Inverse:** A lower calculated performance rate for this type of measure would indicate better clinical care or control. The “Performance Not Met” numerator option for an inverse measure is the representation of the better clinical quality or control. Submitting that numerator option will produce a performance rate that trends closer to 0%, as quality increases.



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- o **MIPS clinical quality measure example:** Quality ID #1: Diabetes: Hemoglobin A1c (HbA1c) Poor Control (>9%): Goal is to have a lower percentage of patients with diabetes with poor control.
- **Multiple performance rate calculation:** CMS requires one performance rate be identified that will be submitted for scoring purposes. QCDRs have the opportunity to provide stratified performance data to the eligible clinicians to provide meaningful feedback. CMS will utilize the overall or indicated performance rate for the scoring of quality measures. Options to determine the scored performance rate include but not limited to:
 - o Weighted Average:
 - Add the numerator counts of each sub-measure and divide by the sum of the denominator counts of each sub-measure.
 - **MIPS clinical quality measure example:** Quality ID #7: Disease (CAD): Beta-Blocker Therapy – Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%).
 - o Simple Average:
 - Add the percentages for each sub-measure and divide by the total number of component sub-measures.
 - **MIPS clinical quality measure example:** Quality ID #9: Anti-Depressant Medication Management.
 - o Indicated Performance Rate
 - Identify one of the performance rates that should be used for benchmarking/scoring purposes. This is often the more robust quality action.
 - **MIPS clinical quality measure example:** Quality ID #238: Use of High-Risk Medications in the Elderly.
- **Risk adjustment:** Risk adjustment is the statistical process used to identify and adjust for differences in patient characteristics (or risk factors) before examining outcomes of care.
- **Risk stratification:** Risk stratification is a method to separate outcomes for different groups, unadjusted by a risk model.
- **Electronically derived measure:** A QCDR measure that is being electronically derived/data mined from an EHR, the electronic QCDR measure is still benchmarked as a QCDR measure. EHR data mining is permitted without eCQM designation.

Measure Classification

- **National Quality Strategy (NQS) domains:** The National Quality Strategy provides a focus for addressing the abundance of clinical quality measures currently used in national programs. The goal is to have measures that address the most common health concerns that Americans face and minimize provider burden:
 - o Patient Safety
 - o Person and Caregiver Centered Experience and Outcomes
 - o Communication and Care Coordination
 - o Effective Clinical Care



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- o Community/Population Health
- o Efficiency and Cost Reduction
- **Meaningful Measures:** Meaningful Measures identify high priority areas for quality measurement and improvement that CMS considers most vital to providing high-quality care and improving patient outcomes. CMS intends to prioritize outcome-based measures and move away from process based measures. The Meaningful Measures initiative framework has 6 Quality Priorities with 19 total meaningful measure areas:
 - o Promoting Effective Communication & Coordination of Care
 - Medication Management
 - Admissions and Readmissions to Hospitals
 - Transfer of Health Information and Interoperability
 - o Promote Effective Prevention & Treatment of Chronic Diseases
 - Preventive Care
 - Management of Chronic Conditions
 - Prevention, Treatment, and Management of Mental Health
 - Prevention and Treatment of Opioid Substance Use Disorders
 - Risk Adjusted Mortality
 - o Work with Communities to Promote Best Practices of Healthy Living
 - Equity of Care
 - Community Engagement
 - o Make Care Affordable
 - Appropriate Use of Healthcare
 - Patient-focused Episode of Care
 - Risk Adjusted Total Cost of Care
 - o Make Care Safer by Reducing Harm Caused in the Delivery of Care
 - Healthcare-associated Infections
 - Preventable Healthcare Harm
 - o Strengthen Person & Family Engagement as Partners in Their Care
 - Care is Personalized and Aligned with Patient's Goals
 - End of Life Care according to Preferences
 - Patient's Experiences of Care
 - Functional Outcomes
- **High Priority Measure:** Measures that meet the definition of high-priority should be flagged as such during self-nomination. CMS identifies the following as high priority:
 - o **Outcome measures:** Outcome measures show how a health care service or intervention influences the health status of patients. (Outcome measures include outcome, intermediate outcome, and patient reported outcome).
 - o **Appropriate Use:** CMS wants to specifically focus on appropriate use measures. This means that the measure must address appropriate use of services, including measures of over-use.
 - o **Patient Safety:** This means that the measure must address either an explicit structure or process intended to make care safer, or the outcome of the presence or absence of such a structure or process; and harm caused in the delivery of care.

This means that the structure, process or outcome must occur as a part of or as a result of the delivery of care.

- o **Efficiency/Cost Reduction:** This means that the measure must address the affordability of health care including unnecessary health services, inefficiencies in health care delivery, high prices, or fraud. Measures should cause change in efficiency and reward value over volume.
- o **Person and caregiver-centered Experience and Outcomes:** Should address the experience of each person and their family; and the extent to which they are engaged as partners in their care. CMS wants to specifically focus on patient reported outcome measures (PROMs). Person or family-reported experiences of being engaged as active members of the health care team and in collaborative partnerships with providers and provider organizations.
- o **Communication and Care Coordination:** This means that the measure must address the promotion of effective communication and coordination of care; and coordination of care and treatment with other providers.
- o **Opioid Related measures:** Opioid-related measures that measure opioid use, overuse, risks, monitoring, and education.

QCDR Measure review process

Communication between CMS, Contractors, and QCDRs

- CMS welcomes the opportunity to meet with QCDRs to review measure concepts or specifications and provide feedback prior to self-nomination.
- During the QCDR measure review process, contractors may reach out for additional information related to the submitted QCDR measure specification (Performance data, supporting clinical guidelines, consideration of a denominator exclusion/exception).
- QCDR is notified of QCDR measure status (Approved, Provisionally Approved, Rejected) as defined below.
- The QCDR/Registry Google Calendar will be used to share CMS availability for QCDR measure reconsideration calls (after the self-nomination period ends) and to track and highlight key milestones and activities for the annual self-nomination period.

QCDR Measure Status Notifications

QCDR measures are reviewed by CMS and contractors. The QCDR measure status is assigned to indicate whether the measure has been approved, provisionally approved or rejected.

- *Approved* – The QCDR measure is approved for the given performance period.
- *Provisionally Approved* – The QCDR measure is approved for the given performance period however, CMS is requesting additional information or action if the measure is resubmitted for subsequent performance periods. CMS will provide a rationale for the provisional status based on the definitions outlined below. This may include performance data to assess performance gaps, revision or harmonization of the measure if it is to be submitted during the next QCDR self-nomination.



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- **Rejected** – The QCDR measure is not approved for the given performance period. CMS will provide a rationale for the rejection based on the definitions outlined below.

QCDR Measure Review Terminology and Definitions

Below are the definitions for communications from CMS regarding QCDR measure feedback after review:

- **Standard of Care:** Standard of care is based on the typical practice of an average or below average physician, e.g., what basic care would be expected of any physician under similar circumstances. This includes the minimum that would be expected of any physician treating a given patient related to the concept/recommendation/care dictated by the measure. *For example: obtaining informed consent prior to surgery.*
- **Low Bar:** The measure evaluates basic healthcare that should be done on a routine basis.
- **Topped out:** The measure has reached a level where rates can no longer increase, so there is no opportunity for performance improvement. For QCDR measures, this is typically defined as > 95% performance rate or < 5% performance rate for average for inverse analytics.
- **Performance Gap:** Data that shows the quality action is not being performed as frequently as it should. This data is based on recent and relevant scientific evidence, reputable studies or data from the QCDR which includes average performance rate, performance range, and number of eligible clinicians reporting on the measure.
- **Performance Variance:** Variance in performance allows for a range of deciles to be developed based on performance range. With regard to performance measurement, a high standard deviation or variance may indicate erratic data collection or an opportunity for improvement. CMS is requesting that performance data be assessed to determine if the variance is due to data collection (e.g. workflow, method of data abstraction, etc.) or actual performance differences. CMS encourages the development of measures with performance variance if it reflects opportunity for performance improvement, not data imperfections.
- **Harmonization:** CMS encourages QCDRs to share and/or harmonize QCDR measures that are similar in topic and/or concept. CMS will not likely approve measures that are duplicative or very similar to one another, as harmonized measures allow for a larger cohort on which clinicians can be compared.
- **Combine measure concepts:** Measures that split a similar or related clinical outcome or process into individual measures should be combined. *For example: Improvement in toe pain: Pain in the fifth toe and a separate measure for the second toe.*
- **Documentation, checkbox, or no quality action:** The focus of these measures is not about providing quality care and improving outcomes.
 - For example, the quality action, as defined by the numerator statement is the completion of an assessment or a survey but offers no follow-up or plan of care to address abnormal/unusual findings or the survey does not account for patient satisfaction with the care received.



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- o Measure developers should avoid selecting or constructing measures that can be met primarily through documentation without evaluating the clinical quality of the activity—often satisfied with a checkbox, date, or code. *For example, a completed assessment, care plan, or delivered instruction.*
- **Eligible clinician attribution issue:** The quality action is not under the direct control of the reporting clinician. The quality action is completed or dependent on others.

Scenarios

The following are common scenarios CMS and the contractors have encountered during the QCDR measure review process. CMS asks that QCDRs review the scenarios below and consider the likely CMS response prior to self-nominating a QCDR measure.

New or Existing QCDR Measures Submitted

Measure Submitted:	Typical CMS Response:
Similar or identical to retired PQRS/MIPS clinical quality measure or QCDR measures.	CMS will likely not approve this measure.
Similar or identical to an existing MIPS clinical quality measure.	CMS will request QCDR to report the MIPS clinical quality measure for that clinical area.
Similar to a QCDR measure that was previously rejected.	CMS will likely not approve the measure, unless it has been modified to require a more meaningful quality action and demonstrates a performance gap.
Similar to or related to QCDR measures submitted by the same QCDR.	CMS may ask the QCDR to combine multiple QCDR measures into a broader denominator or multi-strata/composite measure OR CMS may select the more robust/broadly applicable measure.
QCDR measures that disjoins a single quality action into individual steps OR delineates individual complications or outcomes of care associated with a specific procedure.	CMS will request QCDRs to consolidate the related series of measures into a single composite measure. By consolidating multiple similar measures into a single composite measure, will lead to a robust measure that will likely result in providing meaningful data to clinicians and groups on possible areas of improvement in the quality of care they provide.

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Measure Submitted:	Typical CMS Response:
QCDR measure does not have a quality action.	CMS will likely not approve the measure, unless it has been modified to include a quality action. Documentation or “check box” based QCDR measures will not be approved. The measure must demonstrate a performance gap.
QCDR measure includes an NQF measure ID.	CMS will not recognize the NQF ID, unless the exact measure specifications are used.
Patient survey measure (the patient completed a survey).	CMS will request that the measure be modified to be about patient satisfaction and/or demonstrate a quality action (improvement in the patient’s problem or condition)— not that the survey was simply completed . A patient survey must include a % of satisfaction to be achieved.
QCDR measure that does not align with the MIPS scoring methodology.	CMS will request that the measure be re-specified to reflect that 0 percent (inverse) or 100 percent indicates better clinical quality or control.
QCDR measure that does not demonstrate room for quality improvement (topped out).	CMS will request performance data from the QCDR to understand the value of the measure. Specifically, is there room for quality improvement or variation in performance rates among providers reporting a given measure? CMS will not approve the measure if the measure is deemed to be topped out.
QCDR measure that is better suited as a facility-based measure.	CMS will not approve the measure. CMS acknowledges the value of pursuing facility-based quality improvement efforts, but the measure must fit within the constraints of MIPS quality measures, where attribution must be made to a single eligible clinician or group.
QCDR measure that is better suited as an Improvement Activity.	CMS will suggest this measure be submitted during the Call for Measures and Activities, specifically the “Improvement Activities Performance Category” as the measure is not robust enough to be considered a MIPS clinical quality measure/QCDR measure.

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Measure Submitted:	Typical CMS Response:
QCDR measure is not attributable to the eligible clinician.	CMS will request that the measure is revised within a certain timeframe in the measure review process to better reflect the actions of the eligible clinician submitting the measure. If the measure cannot be clearly attributed to a clinician or group, it will likely not be approved.

Existing Measures Only

Measure submitted from <u>previous</u> period:	Typical CMS response:
Resubmits a measure that has limited adoption.	CMS will likely not continue to approve the measure where there has been low adoption, as the measure may not have a significant impact on quality improvement. We suggest the QCDR to continue to collect data on the measure (outside of MIPS), and may resubmit it once there is an increase in reporting (i.e. can meet the case minimum/reporting volume/ data completeness requirements needed for benchmarking).
Non-compliance with a request from either the current or the previous self-nomination period (requested revision, harmonization, measure performance data submitted, etc.).	CMS will request QCDR to complete action as requested or provide a valid justification for not completing requested action. If a valid justification is not provided for not completing the requested action, CMS may reject the measure.
Feasibility or unable to implement the QCDR measure or abstract the data at the time of self-nomination, or during the performance and/or submission periods.	CMS will not approve the measure. QCDR measures should be fully implemented and feasible beginning on January 1 of the performance period.
Substantive changes were made to previously approved measure that may not allow comparison to previous performance data.	CMS will identify the QCDR measure as a new measure and assign a different measure ID for benchmarking purposes.



QCDR Measure Development Resources

- CMS and the MIPS QCDR/Registry Support Team welcome the opportunity to preview measure concepts and provide feedback between April 22, 2019 and June 28, 2019.
 - o To request a measure concept call, contact the QCDRVendorSupport@gdit.com by 5:00 PM ET on June 15, 2019 with the following information:
 - Please indicate whether you are requesting an in-person meeting or a teleconference.
 - Please provide several options of availability during the timeframe you wish to meet between April 22, 2019 and June 28, 2019
 - Please provide email addresses of attendees from your QCDR who should be included in the meeting invitation
 - o QCDR measure concepts and specifications to be discussed at the meeting must be sent at least one week prior to the scheduled meeting in a single Word or Excel document.
 - If information is not received at least one week prior to the scheduled meeting, the meeting is subject to be rescheduled.
- QCDR/Registry Google Calendar : Lists key dates for the QCDR measure process.
 - o <https://calendar.google.com/calendar?cid=cWNkcmZvcnVtQGdtYWlsLmNvbQ>
- QCDR Measure Development Google Group. A space for QCDRs to collaborate on QCDR measures and share ideas throughout the QCDR measure development process.
 - o <https://groups.google.com/forum/#!forum/qcdr-forum>
- 2019 QCDR Measure Specification file
 - o https://gpp-cm-prod-content.s3.amazonaws.com/uploads/430/2019_QCDR_Measure_Specifications.xlsx
- List of MIPS clinical quality measures in the performance period are posted on the Quality Payment Program page of MIPS. MIPS clinical quality measures for the 2020 performance period of MIPS, will be posted after the final rule is published.
 - o <https://gpp.cms.gov/about/resource-library>
- Blueprint for the CMS Measures Management System
 - o <https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/MMS/MMS-Blueprint.html>
- Measure Development Plan
 - o <https://www.cms.gov/Medicare/Quality-Payment-Program/Measure-Development/Measure-development.html>
- The [Developer Tools](#) page offers assistance for developers building tools to integrate directly with CMS applications and data.
- The [Quality Payment Program Resource Library page](#) has additional reference material and will be updated in the summer for the 2020 performance period.

