The AAAAI Quality Clinical Data Registry: What you need to know
Today We’ll Cover The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

I. Defining a Qualified Clinical Data Registry
   I. What’s available in this registry
II. Quality Reporting
III. Registry Access
   I. Overview of Registry Features
IV. Support and Contact
What is the AAAAI QCDR?

Approved by CMS the AAAAI QCDR is intended for physicians specializing in Allergy/Immunology (AAAAI members & non-members) to foster performance improvement and improve outcomes in the care of patients with allergies, asthma, immune deficiencies and other immunologic diseases.

The registry provides participating providers with:

- Continuous view of results to identify opportunities to improve care
- Performance gap analysis and patient outlier identification
- Access to improvement interventions to close performance gaps including patient care management tools; targeted education; resources and other evidence-based interventions
- Comparison versus registry benchmarks and peer-to-peer comparison
- Submission to CMS to satisfy PQRS requirements
Qualified Clinical Data Registry
What Does a Registry Need to Qualify as a QCDR?

• At least 9 measures
• Measures must cross at least 3 national quality strategy domains
  • Domains include: Communication and Care Coordination, Community/Population Health, Effective Clinical Care, Efficiency and Cost Reduction, Patient Safety, Person and Caregiver-Centered Experience and Outcomes
• A QCDR must also include at least 2 outcomes measure
  • An outcome measure, as defined within the CMS Measures Management System Blueprint v10.0, indicates the result of the performance (or nonperformance) of functions or processes. It is a measure that focuses on achieving a particular state of health.
  • If less than 2 outcome measures are available to an EP, report on at least 1 outcome measure and also at least one of the following types of measures:
    • Patient Safety
    • Resource Use
    • Patient Experience of Care
    • Efficiency/Appropriate Use
• A QCDR is not limited to measures within PQRS, and may include up to 30 non-PQRS measures
• A QCDR may include additional measures that are PQRS measures, in addition to the 30 non-PQRS measures
Measures Available through this Registry

- The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry is comprised of 31 quality measures covering 5 areas of care

  - Measures for allergy immunotherapy developed by the Joint Task Force on Quality Performance Measures (approved by the AAAAI and ACAAI)

  - PQRS asthma measures modified to remove the upper age limit

  - A Modified asthma care measure developed by Minnesota Community Measurement
Physician Quality Reporting System (PQRS)
What is the Physician Quality Reporting System (PQRS)?

- CMS pay for reporting program

- Performance scores assigned to participants based on quality measure information reported.

- Intended to help health care professionals and group practices measure the care they give their patients and provide patients with the right care at the right time.

- Public Reporting - some of the quality measure performance scores are available on Physician Compare profile pages.

- Failure to meet PQRS reporting requirements would lead to a PQRS payment adjustment (penalty).
PQRS reporting with The AAAAI Allergy, Asthma & Immunology
Quality Clinical Data Registry

The AAAAI Quality Clinical Data Registry is a QCDR with 31 quality measures

**NEW - GPRO (Group Practice Reporting Option) for PQRS**

- New for 2016, group practices of 2 or more EPs participating via GPRO have the option to report quality measures via a QCDR. A PQRS group practice under 2016 PQRS is defined as a single Tax Identification Number (TIN) with 2 or more individual EPs who have reassigned their billing rights to the TIN. PQRS group practices are analyzed at the TIN level; therefore, all EPs (NPIs) under the group’s TIN will be taken into account for the 2016 PQRS analysis.

**How to Qualify for PQRS?**

- Select at least 9 measures for PQRS Reporting and
  - Report on at least 50% of your applicable patients
  - Ensure that at least 3 NQS Domains are covered
  - Ensure that at least 2 Outcome Measures are selected
    - If less than 2 outcome measures are available to an EP, report on at least 1 outcome measure and also at least one of the following types of measures:
      - Patient Safety
      - Resource Use
      - Patient Experience of Care
      - Efficiency/Appropriate Use
  - Complete Attestation Module for submission to CMS
Who is Eligible for PQRS?

Medicare physicians
- Doctor of Medicine
- Doctor of Osteopathy
- Doctor of Podiatric Medicine
- Doctor of Optometry
- Doctor of Oral Surgery
- Doctor of Dental Medicine
- Doctor of Chiropractic

Therapists
- Physical Therapist
- Occupational Therapist
- Qualified Speech-Language Therapist

Practitioners
- Physician Assistant
- Nurse Practitioner*
- Clinical Nurse Specialist*
- Certified Registered Nurse Anesthetist* (and Anesthesiologist Assistant)
- Certified Nurse Midwife*
- Clinical Social Worker
- Clinical Psychologist
- Registered Dietician
- Nutrition Professional
- Audiologists
  *Includes Advanced Practice Registered Nurse (APRN)

Value Based Modifier (VBM)
What is the Value Based Modifier (VBM)?

- CMS Pay for Performance program
- Adjusts Medicare Physician Fee Schedule (PFS) payments based on quality and cost performance attributed to a physician or group of physicians
- Failure to meet PQRS reporting requirements would lead to an additional VBM payment adjustment (penalty)
- VBM score determines payment adjustment to all TIN’s future claims: upward, downward, and neutral
PQRS Reporting: Individual and GPRO

- 2016 PQRS Reporting
  - Individual EP Reporting
    - Claims
    - Registry
    - QCDR
    - EHR
  - GPRO Reporting
    - QCDR
    - Registry
    - EHR
    - CMS Web Interface
2016 PQRS: GPRO Self-Nomination

GPRO Self-Nomination

The timeframe for 2016 CMS Registration/Self-Nomination was April 1, 2015- June 30, 2016

Information regarding PQRS GPRO is available at

https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/PhysicianFeedbackProgram/Self-Nomination-Registration.html

Please refer to the 2016 PQRS GPRO Registration Guide for important information including registration, the self-nomination process, and other requirements on the CMS website
### Summary of Financial Risk: PQRS & VM together

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<tr>
<td>Physicians, PAs, NPs, CNSs, &amp; CRNAs in groups with 2-9 EPs and solo providers</td>
<td>2016</td>
<td>2018</td>
<td>-4% (Includes PQRS and VBM penalties)</td>
<td>No Penalty</td>
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<td>Negative (up to -2%), Neutral (0%) or Upward (up to 2%)</td>
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<tr>
<td>Physicians, PAs, NPs, CNSs, &amp; CRNAs in groups with 10+</td>
<td>2016</td>
<td>2018</td>
<td>-6% (Includes PQRS and VBM penalties)</td>
<td>No Penalty</td>
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<td>Negative (up to -4%), Neutral (0%) or Upward (up to 4%)</td>
</tr>
<tr>
<td>Groups &amp; Solo Providers (All Non-Physician EPs)</td>
<td>2016</td>
<td>2018</td>
<td>-2% (Includes PQRS and VBM penalties)</td>
<td>No Penalty</td>
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<td>Neutral (0%) to Upward (up to 2%)</td>
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Meaningful Use: Specialized Registry Reporting
Meaningful Use: Specialized Registry Reporting

The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry in collaboration with CECity, is currently accepting data from Eligible Professional (EPs), to fulfill the Meaningful Use EHR Incentive Programs Public Health Objective, Measure 3, submission of data for specialized registry reporting. To meet this objective EPs are requested to electronically submit data from Certified Electronic Health Record Technology (CEHRT) to AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry.

If you are interested in submitting data to AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry complete and submit a request form to CECity through the Medconcert.com/AAAAIQIR webpage

Automated submission is available for users of EHRs such as:

- Athenahealth
- Allscripts
- Aprima
- NextGen
- Greenway
- STI / ChartMarker®
- Quest Diagnostics / CareMark®
- ModuleMD

CECity's Registry Cloud Platform (v4.0) is 2014 Edition compliant and has been certified by ICSA Labs in accordance with applicable certification criteria adopted by the Secretary of Health and Human Services. This certification does not represent any endorsement by the U.S. Department of Health and Human Services. ONC CHPL Numbers: 140367R00 (ambulatory) and 150007R00 (inpatient). Read more about our certifications
Maintenance of Certification (MOC)
Satisfy MOC Requirements

Satisfy quality reporting and MOC requirements when you use the AAAAI Quality Clinical Data Registry (QCDR) for practice improvement!

To participate in this activity you must first register as a user of the AAAAI Quality Clinical Data Registry.

By downloading reports of your performance from the registry, creating and implementing an improvement plan, and reassessing your performance, you will earn 20 AMA PRA Category 1 CME Credits™ and satisfy the practice assessment/quality improvement requirement for the American Board of Allergy and Immunology’s Maintenance of Certification Program.

The practice improvement process will require a minimum of 30 days to complete.
Looking Ahead:
Proposed MACRA Reform Timeline
MACRA reform timeline
(Medicare Access and CHIP Reauthorization Act of 2015)

Permanent repeal of SGR
Updates in physician payments
0.5% (7/2015-2019)
0% (2020-2025)

PQRS pay for reporting
-1.5% 2015
-2.0% 2016 & beyond

Meaningful Use Penalty (up to %)
-1.0% 2015
-2.0% 2016
-3.0% 2017
-3.0% 2018

Value-based Payment Modifier
± 1.0% 2015
± 2.0% 2016
+2/±4.0% 2017
±2/±4.0% 2018

Merit-Based Incentive Payment System (MIPS) adjustments
2019 +/-4% 2020 +/- 5% 2021 +/- 7% 2022 & beyond +/- 9%
MIPS exceptional performance adjustment: ≤ 10% Medicare payment (2019-2024)
0.25% update

Track 2
Measurement period
Advanced APM participating providers exempt from MIPS; receive annual 5% bonus (2019-2024)
0.75% update
**MIPS Overview**

**Quality** — PQRS Measures, PQIs (Acute and Chronic), Readmissions

**Resource use** — MSPB, Total Per Capita Cost, Episode Payment

**Advancing care information** — Meaningful Use Objectives and Measures

**Clinical practice improvement activities** — Expanded access, population management, care coordination, beneficiary engagement, patient safety, and Alternative payment models.

- Sets performance targets in advance, when feasible
- Sets performance threshold at median.
- Considers improvement in year 2 (seeking input)

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**Merit-Based Incentive Payment System (MIPS) adjustments**

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<tr>
<th>Measurement period</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022 &amp; beyond</th>
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<tbody>
<tr>
<td></td>
<td>+/-4%</td>
<td>+/-5%</td>
<td>+/-7%</td>
<td>+/-9%</td>
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**MIPS exceptional performance adjustment:** ≤ 10% Medicare payment (2019-2024)

Jan 1- Dec 31, 2017 is the performance period for 2019 payment
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

Accessing the Registry
How to Use The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

Steps for Participation

• **STEP 1:** Determine if the professional is eligible to participate
  • The list of EPs able to participate as individuals is available on the PQRS web page at [http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/PQRS/](http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/PQRS/)

• **STEP 2:** Go to the following website to register:
  • [https://www.medconcert.com/content/medconcert/Genesis/](https://www.medconcert.com/content/medconcert/Genesis/)
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry, in collaboration with CECity, is intended for physicians specializing in Allergy/Immunology (AAAAlI members & non-members) to foster performance improvement and improve outcomes in the care of patients with allergies, asthma, immune deficiencies and other immunologic diseases. The registry will provide participating providers with:

- Timely custom continuous performance monitors
- Performance gap analysis and patient outlier identification
- Access to improvement interventions to close performance gaps including patient care management tools; targeted education; resources and other evidence-based interventions
- Comparison versus registry benchmarks and peer-to-peer comparison
How to Register and Begin Using the AAAAI Registry

www.medconcert.com/aaaaiqir
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry, in collaboration with CECity, is intended for physicians specializing in Allergy/Immunology (AAAAI members & non-members) to foster performance improvement and improve outcomes in the care of patients with allergies, asthma, immune deficiencies and other immunologic diseases. The registry will provide participating providers with:

- Timely custom continuous performance monitors
- Performance gap analysis and patient outlier identification
- Access to improvement interventions to close performance gaps including patient care management tools; targeted education; resources and other evidence-based interventions
- Comparison versus registry benchmarks and peer-to-peer comparison
Register in MedConcert
All 2016 reporting participants must have a Premier Solution Services agreement in place with their organization at the Tax ID level before data can be collected by the registry.

To begin this process, enter your Tax ID into the fields provided.

If you have worked with the Premier team to complete this agreement offline, a validation code would have been provided to your organization.

- If you have a validation code, please click the “Yes” button for the subsequent question.
- If you are completing this agreement for the first time for the reporting period and do not have a validation code, please click the “No” button.
Complete Online Payment

The annual cost per provider is $500 for AAAAI member providers and $650 for non-member providers.

If you are a AAAAI member and have difficulty accessing the registry at the member rate please contact MedConcert Support at support@medconcert.com.
Home Tab

AAAIAI Allergy, Asthma & Immunology Quality Clinical Data Registry - For Individuals

Welcome to the AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

- Manage Performance
- Identify Patient Outliers
- Improve Performance
- Quality Reporting

Quality Improvement
Measure Selection

- Choose all or a subset of the 31 measures available

- The registry will provide guidance through a counter that will determine that the participant selection will meet PQRS reporting requirements
Data Entry/ Patient List

Input the encounter information:

• The encounter date

• Related encounter and/or diagnosis codes

• Answer the questions according to encounter, and click the save button

• Continue to add patients and you’ve entered at least 50% of your patients per measure.

• As you enter each patient and progress will be updated in the data
Data Entry Options: Data Upload
Populate a Patient and Encounter File

Complete a Patient Data Template

Upload an Encounter Template Correlating to your Patient List
Upload Data & Review within Registry

The Allergy, Asthma & Immunology Quality Clinical Data Registry is an easy-to-use online tool to help you quickly and easily collect, aggregate, and analyze patient data. Through the registry, you will be able to upload, edit, and download your patient data, to identify patient subgroups, identify gaps in patient care, and help prevent interventions from leading quality improvement organizations. No. 1

ACCOUNT INFO DATA MEASURE SELECTION DATA COLLECTION MEASURE RESULTS

Collect PQRS Data

Now it is time to start collecting and uploading your data. The AAAI Registry, Asthma & Immunology Quality Clinical Data Registry provides web-based forms for you to manually enter your PQRS data. Use the "Manually Add Patient" button to add patients manually. There are also spreadsheet-based data templates and definition files available for you to upload your patient records as well. You may use one or more of these methods to populate your AAAI Registry, Asthma & Immunology Quality Clinical Data Registry. If you would like to edit your measure selection, click the Edit button on the "Selected Measures" panel.

My AAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

Patient Registry

<table>
<thead>
<tr>
<th>PATIENT ID</th>
<th>FIRST NAME</th>
<th>LAST NAME</th>
<th>DOB</th>
<th>LAST UPDATED</th>
<th>PROTOCOLS</th>
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<tbody>
<tr>
<td>6</td>
<td>Derek</td>
<td>Carstens</td>
<td>08/18/2004</td>
<td>03/30/2016</td>
<td>Add a Patient Encounter</td>
</tr>
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Continuous Performance Management

View a Snapshot of your measures performance and expand to view details.

How Do We Improve?
Links to Interventions

Fixed Benchmarks and Goals

Patient Outliers
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry

Manage Patient Population
Manage Patient Population – Patient List

This is your master patient list. It includes your personal list of patients, as well as patients associated with any of the patient care organization network of which you are a member.
Manage Patient Population – Alerts By Patient

Alerts By Patient
Identify patient outliers requiring attention. These indicators represent each patient's most recent status for each measure.

Identify patient outliers requiring attention. These indicators represent each patient's most recent status for each measure.
Manage Patient Population: Alerts By Measure

View feedback on patient outliers by measure. Analyze your outliers, communicate with your colleagues, and take steps to address these patients.
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry
Improvement
Improvement Interventions

Access links and tools from professional societies and national experts in quality improvement to help you and your team learn and improve.

Drill Down to View Improvement Tools Suggested to Close this Measure Gap

View Improvement Tools and Resources by Measure
HOW MUCH DOES IT COST TO PARTICIPATE?

REGISTRATION AND PAYMENT IS REQUIRED FOR EACH PQRS SUBMISSION PERIOD. THE ANNUAL COST PER PROVIDER IS $500 FOR AAAAI MEMBER PROVIDERS AND $650 FOR NON-MEMBER PROVIDERS. THIS SUBSCRIPTION FEE INCLUDES ANNUAL USE OF THE DATA FOR QUALITY IMPROVEMENT PURPOSES AND PQRS SUBMISSION TO CMS.

Please contact us for information regarding pricing for PQRS GPRO and/or Meaningful Use.

Email: QCDR@aaaai.org
Phone: 414-272-6071
Contact & Questions

If you need assistance with
The AAAAI Allergy, Asthma & Immunology Quality Clinical Data Registry
Contact us for support

• For Registry and Measures Specifications
  • Visit www.aaaai.org/qcdr

• For Technical Assistance
  • Click the Support Link on The AAAAI Registry MedConcert webpage

• For questions about this registry
  • Email QCDR@aaaai.org
  • Call 414-272-6071