



# 2014 Physician Quality Reporting System (PQRS) Measure Applicability Validation (MAV) Process for Registry-Based Reporting of Individual Measures

12/13/13

## 2014 PQRS MEASURE APPLICABILITY VALIDATION (MAV) PROCESS FOR REGISTRY-BASED REPORTING OF INDIVIDUAL

The 2014 Physician Quality Reporting System (PQRS) incentive eligibility and payment adjustment will include validation processes. For those eligible professionals or group practices participating in the Group Practice Reporting Option (GPRO) who satisfactorily submit quality data for fewer than **nine** PQRS measures across **three domains OR nine or more** PQRS measure across **less than three domains**, a measure-applicability validation (MAV) process will determine whether they should have submitted additional measures or additional measures with additional domains to be considered incentive eligible. Eligible Professionals or group practices with a specialty that has less than 9 measures or less than 3 domains would be subject to MAV but could still be eligible for incentive payment or avoid the payment adjustment. For payment adjustment considerations, those eligible professionals or group practices who satisfactorily submit quality data for fewer than **three** PQRS measures, the MAV process will determine whether an eligible professional or group practice should have submitted for additional measures. Eligible professionals or group practices who fail MAV will not earn the PQRS incentive payment for 2014 and may be subject to the 2016 Payment Adjustment.

For further information, please refer to the PQRS Payment Adjustment documentation on the CMS website at <http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/PQRS>.

### Prerequisites for Registry MAV

- Eligible professionals or group practices who satisfactorily report for **only one to eight** PQRS measures across **one or more domains**, **OR** eligible professionals or group practices who satisfactorily report for **nine or more** PQRS measures across **less than three domains**
- Eligible professionals or group practices must satisfactorily report for at least 50 percent of their eligible patients or encounters for each measure
  - To receive 2014 incentive payment, CMS will validate if more measures/domains may have been applicable for reporting
  - To avoid 2016 payment adjustment, if only one or two measures are satisfactorily reported, CMS will validate if more measures may have been applicable for reporting
    - EPs and group practices participating in GPRO that satisfactorily report 3 or more measures across one or more domains will not be subject to MAV for payment adjustment purposes, but **will** be subject to MAV to determine if more measures/domains could have been submitted for 2014 incentive eligibility.
- A performance rate greater than 0% [or less than 100% where a lower performance rate indicates better performance (inverse measures)]
- Eligible professionals or group practices who do not submit **any other** measures will be subject to the MAV process

Please refer to the *2014 Physician Quality Reporting System (PQRS) Measure-Applicability Validation (MAV) Process Flow for Registry-Based Reporting of Individual Measures for Incentive Eligibility* for further guidance.

### Clinical Relation/Domain Test

The clinical relation/domain test will be applied to those who are subject to the validation process that will be applied to those who are subject to MAV for submitted measures **OR** domains. This test is based on: (1) an extension of the statutory presumption that if an eligible professional or group practice submits data for a measure, then that measure applies to their practice and (2) the concept that if one measure in a cluster of measures related to a particular clinical topic or eligible professional or group practice service is applicable to an eligible professional's or group's practice, then other closely-related measures (measures in that same cluster) would also be applicable.

For those eligible professionals or group practices participating in GPRO who satisfactorily submit quality data for nine PQRS measures for **only one or two domains**, there will be a determination if additional measures with

additional domains may also be applicable to the eligible professional or group practice based on the clinical cluster to earn the 2014 PQRS incentive.

The following is an example of how the clinical relation/domain test will be applied: An eligible professional or group practice who is subject to MAV submitted quality data via a registry for one of the PQRS measures related to diabetes. The eligible professional's or group practice's data will then be analyzed using the clinical cluster described below to determine whether the other diabetes measures within the diabetic cluster should have been submitted.

The list of clusters of related measures and the PQRS measures that are included within each cluster are presented below. CMS may determine this list should be modified to apply the registry MAV more leniently. Any made modifications will be published on the CMS PQRS website as soon as possible after determination.

**Clusters of Clinically Related Measures Used in the 2014  
PQRS Registry MAV for Reporting Individual Measures**

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
1	Falls Care	154	Patient Safety	Falls: Risk Assessment
		155	Communication and Care Coordination	Falls: Plan of Care
2	Diabetic Care	1	Effective Clinical Care	Diabetes: Hemoglobin A1c Poor Control
		2	Effective Clinical Care	Diabetes: Low Density Lipoprotein (LDL-C) Control (<100 mg/dL)
		119	Effective Clinical Care	Diabetes: Medical Attention for Nephropathy
3	Diabetes Mellitus Foot Care	126	Effective Clinical Care	Diabetes Mellitus: Diabetic Foot and Ankle Care, Peripheral Neuropathy - Neurological Evaluation
		127	Effective Clinical Care	Diabetes Mellitus: Diabetic Foot and Ankle Care, Ulcer Prevention – Evaluation of Footwear
4	Chronic Obstructive Pulmonary Disease (COPD) Care	51	Effective Clinical Care	Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation
		52	Effective Clinical Care	Chronic Obstructive Pulmonary Disease (COPD): Inhaled Bronchodilator Therapy
5	Asthma Care	53	Effective Clinical Care	Asthma: Pharmacologic Therapy for Persistent Asthma – Ambulatory Care Setting
		64	Effective Clinical Care	Asthma: Assessment of Asthma Control – Ambulatory Care Setting
		231	Effective Clinical Care	Asthma: Tobacco Use: Screening - Ambulatory Care Setting
		232	Effective Clinical Care	Asthma: Tobacco Use: Intervention - Ambulatory Care Setting
6	Emergency Care: 12- Lead Electrocardiogram	54	Effective Clinical Care	Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Non-Traumatic Chest Pain
		55	Effective Clinical Care	Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Syncope
7	Community-Acquired Bacterial	56	Effective Clinical Care	Emergency Medicine: Community-Acquired Bacterial Pneumonia (CAP): Vital Signs

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
	Pneumonia	59	Effective Clinical Care	Emergency Medicine: Community-Acquired Bacterial Pneumonia (CAP): Empiric Antibiotic
8	Hematology Care	67	Effective Clinical Care	Hematology: Myelodysplastic Syndrome (MDS) and Acute Leukemias: Baseline Cytogenetic Testing Performed on Bone Marrow
		68	Effective Clinical Care	Hematology: Myelodysplastic Syndrome (MDS): Documentation of Iron Stores in Patients Receiving Erythropoietin Therapy
		69	Effective Clinical Care	Hematology: Multiple Myeloma: Treatment with Bisphosphonates
		70	Effective Clinical Care	Hematology: Chronic Lymphocytic Leukemia (CLL): Baseline Flow Cytometry
9	Melanoma Care	137	Effective Clinical Care	Melanoma: Continuity of Care-Recall System
		138	Communication and Care Coordination	Melanoma: Coordination of Care
		224	Efficiency and Cost Reduction	Melanoma: Overutilization of Imaging Studies in Melanoma
10	Oncology Pain Care	143	Person and Caregiver-Centered Experience and Outcomes	Oncology: Medical and Radiation – Pain Intensity Quantified
		144	Person and Caregiver-Centered Experience and Outcomes	Oncology: Medical and Radiation – Plan of Care for Pain
11	Prostate Cancer Care	102	Efficiency and Cost Reduction	Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients
		104	Effective Clinical Care	Prostate Cancer: Adjuvant Hormonal Therapy for High Risk Prostate Cancer Patients
12	Hepatitis C Care	83	Effective Clinical Care	Hepatitis C: Confirmation of Hepatitis C Viremia
		84	Effective Clinical Care	Hepatitis C: Ribonucleic Acid (RNA) Testing Before Initiating Treatment
		85	Effective Clinical Care	Hepatitis C: HCV Genotype Testing Prior to Treatment
		87	Effective Clinical Care	Hepatitis C: Hepatitis C Virus (HCV) Ribonucleic Acid (RNA) Testing Between 4-12 Weeks After Initiation of Treatment
		183	Community/Population Health	Hepatitis C: Hepatitis A Vaccination in Patients with Hepatitis C Virus (HCV)
13	HIV/AIDS Care	159	Effective Clinical Care	HIV/AIDS: CD4+ Cell Count or CD4+ Percentage Performed
		160	Effective Clinical Care	HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis
		205	Effective Clinical Care	HIV/AIDS: Sexually Transmitted Disease Screening for Chlamydia, Gonorrhea, and Syphilis
		338	Effective Clinical Care	HIV Viral Load Suppression
		339	Effective Clinical Care	Prescription of HIV Antiretroviral Therapy

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
14	Osteoporosis Care	24	Communication and Care Coordination	Osteoporosis: Communication with the Physician Managing On-Going Care Post-Fracture of Hip, Spine, or Distal Radius for Men and Women Aged 50 Years and Older
		40	Effective Clinical Care	Osteoporosis: Management Following Fracture of Hip, Spine, or Distal Radius for Men and Women Aged 50 Years and Older
15	Appropriate Test/Treatment for Children	65	Efficiency and Cost Reduction	Appropriate Treatment for Children with Upper Respiratory Infection (URI)
		66	Efficiency and Cost Reduction	Appropriate Testing for Children with Pharyngitis
16	Acute Otitis Externa	91	Effective Clinical Care	Acute Otitis Externa (AOE): Topical Therapy
		93	Communication and Care Coordination	Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy – Avoidance of Inappropriate Use
17	Adult Sinusitis Care	331	Effective Clinical Care	Adult Sinusitis: Antibiotic Prescribed for Acute Sinusitis (Appropriate Use)
		332	Effective Clinical Care	Adult Sinusitis: Appropriate Choice of Antibiotic: Amoxicillin Prescribed for Patients with Acute Bacterial Sinusitis
		333	Efficiency and Cost Reduction	Adult Sinusitis: Computerized Tomography (CT) for Acute Sinusitis (Overuse)
		334	Efficiency and Cost Reduction	Adult Sinusitis: More than One Computerized Tomography (CT) Scan Within 90 Days for Chronic Sinusitis (Overuse)
18	Pathology Breast Cancer	99	Effective Clinical Care	Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade
		251	Effective Clinical Care	Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients
19	Depression	9	Effective Clinical Care	Anti-depressant Medication Management
		106	Effective Clinical Care	Adult Major Depressive Disorder (MDD): Comprehensive Depression Evaluation: Diagnosis and Severity
		107	Effective Clinical Care	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment
20	Primary Open-Angle Glaucoma	12	Effective Clinical Care	Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation
		141	Communication and Care Coordination	Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care
21	Diabetic Retinopathy	18	Effective Clinical Care	Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy
		19	Effective Clinical Care	Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care
22	Age-Related Macular Degeneration	14	Effective Clinical Care	Age-Related Macular Degeneration (AMD): Dilated Macular Examination
		140	Effective Clinical Care	Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement
23	Surgical Cataract Care	191	Effective Clinical Care	Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
24	Patient Cataract Care	192	Patient Safety	Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures
		303	Effective Clinical Care	Cataracts: Improvement in Patient's Visual Function within 90 Days Following Cataract Surgery
		304	Person and Caregiver-Centered Experience and Outcomes	Cataracts: Patient Satisfaction within 90 Days following Cataract Surgery
25	Adult Renal Disease Care	81	Communication and Care Coordination	Adult Kidney Disease: Hemodialysis Adequacy: Solute
		82	Communication and Care Coordination	Adult Kidney Disease: Peritoneal Dialysis Adequacy: Solute
		121	Effective Clinical Care	Adult Kidney Disease: Laboratory Testing (Lipid Profile)
		122	Effective Clinical Care	Adult Kidney Disease: Blood Pressure Management
		123	Effective Clinical Care	Adult Kidney Disease: Patients on Erythropoiesis-Stimulating Agent (ESA) Hemoglobin Level > 12.0 g/dL
26	Adult Renal Catheter Care	329	Effective Clinical Care	Adult Kidney Disease: Catheter Use at Initiation of Hemodialysis
		330	Effective Clinical Care	Adult Kidney Disease: Catheter Use for Greater Than or Equal to 90 Days
27	Pediatric Kidney Disease Care	327	Effective Clinical Care	Pediatric Kidney Disease: Adequacy of Volume Management
		328	Effective Clinical Care	Pediatric Kidney Disease: ESRD Patients Receiving Dialysis: Hemoglobin Level < 10g/dL
28	Stroke Management	31	Effective Clinical Care	Stroke and Stroke Rehabilitation: Venous Thromboembolism (VTE) Prophylaxis for Ischemic Stroke or Intracranial Hemorrhage
		32	Effective Clinical Care	Stroke and Stroke Rehabilitation: Discharged on Antithrombotic Therapy
		33	Effective Clinical Care	Stroke and Stroke Rehabilitation: Anticoagulant Therapy Prescribed for Atrial Fibrillation (AF) at Discharge
		35	Effective Clinical Care	Stroke and Stroke Rehabilitation: Screening for Dysphagia
		36	Effective Clinical Care	Stroke and Stroke Rehabilitation: Rehabilitation Services Ordered
		187	Effective Clinical Care	Stroke and Stroke Rehabilitation: Thrombolytic Therapy
29	Perioperative Care	20	Patient Safety	Perioperative Care: Timing of Prophylactic Parenteral Antibiotic – Ordering Physician
		21	Patient Safety	Perioperative Care: Selection of Prophylactic Antibiotic – First OR Second Generation Cephalosporin
		22	Patient Safety	Perioperative Care: Discontinuation of Prophylactic Parenteral Antibiotics (Non-Cardiac Procedures)
		23	Patient Safety	Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)
30	Coronary Artery Bypass Graft Care	43	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Use of Internal Mammary Artery (IMA) in Patients with Isolated CABG Surgery

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
		164	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Prolonged Intubation
		165	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Deep Sternal Wound Infection Rate
		166	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Stroke
		167	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Postoperative Renal Failure
		168	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Surgical Re-Exploration
		169	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Antiplatelet Medications at Discharge
		170	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Beta-Blockers Administered at Discharge
		171	Effective Clinical Care	Coronary Artery Bypass Graft (CABG): Anti-Lipid Treatment at Discharge
31	Osteoarthritis Care	109	Person and Caregiver-Centered Experience and Outcomes	Osteoarthritis (OA): Function and Pain Assessment
		142	Effective Clinical Care	Osteoarthritis (OA): Assessment for Use of Anti-Inflammatory or Analgesic Over-the-Counter (OTC) Medications
32	Rheumatoid Arthritis	108	Effective Clinical Care	Rheumatoid Arthritis (RA): Disease Modifying Anti-Rheumatic Drug (DMARD) Therapy
		176	Effective Clinical Care	Rheumatoid Arthritis (RA): Tuberculosis Screening
		177	Effective Clinical Care	Rheumatoid Arthritis (RA): Periodic Assessment of Disease Activity
		178	Effective Clinical Care	Rheumatoid Arthritis (RA): Functional Status Assessment
		179	Effective Clinical Care	Rheumatoid Arthritis (RA): Assessment and Classification of Disease Prognosis
		180	Communication and Care Coordination	Rheumatoid Arthritis (RA): Glucocorticoid Management
33	Anesthesia Care 1	30	Patient Safety	Perioperative Care: Timing of Prophylactic Antibiotic—Administering Physician
		76	Patient Safety	Prevention of Catheter-Related Bloodstream Infections (CRBSI): Central Venous Catheter (CVC) Insertion Protocol
		<i>When reporting #76 alone, it is not subject to MAV</i>		
34	Anesthesia Care 2	76	Patient Safety	Prevention of Catheter-Related Bloodstream Infections (CRBSI): Central Venous Catheter (CVC) Insertion Protocol
		193	Patient Safety	Perioperative Temperature Management
		<i>When reporting #76 alone, it is not subject to MAV</i>		
35	Ischemic Vascular Disease	204	Effective Clinical Care	Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
36	Chronic Wound Care	241	Effective Clinical Care	Ischemic Vascular Disease (IVD): Complete Lipid Profile and LDL-C Control (<100mg/dL)
		245	Effective Clinical Care	Chronic Wound Care: Use of Wound Surface Culture Technique in Patients with Chronic Skin Ulcers (Overuse Measure)
		246	Effective Clinical Care	Chronic Wound Care: Use of Wet to Dry Dressings in Patients with Chronic Skin Ulcers (Overuse Measure)
37	Epilepsy Care	266	Effective Clinical Care	Epilepsy: Seizure Types(s) and Current Seizure Frequency(ies)
		267	Effective Clinical Care	Epilepsy: Documentation of Etiology of Epilepsy or Epilepsy Syndrome
		268	Effective Clinical Care	Epilepsy: Counseling for Women of Childbearing Potential with Epilepsy
38	Substance Use Disorders	247	Effective Clinical Care	Substance Use Disorders: Counseling Regarding Psychosocial and Pharmacologic Treatment Options for Alcohol Dependence
		248	Effective Clinical Care	Substance Use Disorders: Screening for Depression Among Patients with Substance Abuse or Dependence
39	Endoscopy and Polyp Surveillance	185	Communication and Care Coordination	Endoscopy/Polyp Surveillance: Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use
		320	Communication and Care Coordination	Endoscopy/Polyp Surveillance: Appropriate Follow-Up Interval for Normal Colonoscopy in Average Risk Patients
40	Urinary Incontinence Care	48	Effective Clinical Care	Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older
		49	Effective Clinical Care	Urinary Incontinence: Characterization of Urinary Incontinence in Women Aged 65 Years and Older
		50	Person and Caregiver-Centered Experience and Outcomes	Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older
41	Coronary Disease Care	6	Effective Clinical Care	Coronary Artery Disease (CAD): Antiplatelet Therapy
		7	Effective Clinical Care	Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)
		118	Effective Clinical Care	Coronary Artery Disease (CAD): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy - Diabetes or Left Ventricular Systolic Dysfunction (LVEF < 40%)
		197	Effective Clinical Care	Coronary Artery Disease (CAD): Lipid Control
		242	Effective Clinical Care	Coronary Artery Disease (CAD): Symptom Management
42	Heart Failure Care	5	Effective Clinical Care	Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)
		8	Effective Clinical Care	Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)
		198	Effective Clinical Care	Heart Failure: Left Ventricular Ejection Fraction (LVEF) Assessment
		228	Effective Clinical Care	Heart Failure (HF): Left Ventricular Function (LVF) Testing

Cluster Number	Cluster Title	Measure Number	Domain	Measure Title
43	Cardiac Stress Imaging	322	Efficiency and Cost Reduction	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Preoperative Evaluation in Low Risk Surgery Patients
		323	Efficiency and Cost Reduction	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Routine Testing After Percutaneous Coronary Intervention (PCI)
		324	Efficiency and Cost Reduction	Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Testing in Asymptomatic, Low Risk Patients
44	Radiology Care for Mammography	146	Efficiency and Cost Reduction	Radiology: Inappropriate Use of "Probably Benign" Assessment Category in Mammography Screening
		225	Communication and Care Coordination	Radiology: Reminder System for Mammograms
45	Maternity Care	335	Patient Safety	Maternity Care: Elective Delivery or Early Induction Without Medical Indication at $\geq 37$ and $< 39$ Weeks
		336	Communication and Care Coordination	Maternity Care: Post-Partum Follow-Up and Care Coordination
46	Carotid Artery Stenting Care	344	Effective Clinical Care	Rate of Carotid Artery Stenting (CAS) for Asymptomatic Patients, Without Major Complications (Discharged to Home by Post-Operative Day #2)
		345	Effective Clinical Care	Rate of Postoperative Stroke or Death in Asymptomatic Patients Undergoing Carotid Artery Stenting (CAS)
47	Carotid Endarterectomy Care	260	Communication and Care Coordination	Rate of Carotid Endarterectomy (CEA) for Asymptomatic Patients, without Major Complications (Discharged to Home Post-Operative #2)
		346	Effective Clinical Care	Rate of Postoperative Stroke or Death in Asymptomatic Patients Undergoing Carotid Endarterectomy (CEA)
48	Endovascular Aneurysm Repair	258	Communication and Care Coordination	Rate of Open Repair of Small or Moderate Non-Ruptured Abdominal Aortic Aneurysms (AAA) without Major Complications (Discharged to Home by Post-Operative Day #7)
		259	Communication and Care Coordination	Rate of Endovascular Aneurysm Repair (EVAR) of Small or Moderate Non-Ruptured Abdominal Aortic Aneurysms (AAA) without Major Complications (Discharged to Home Post-Operative Day #2)
		347	Effective Clinical Care	Rate of Endovascular Aneurysm Repair (EVAR) of Small or Moderate Non-Ruptured Abdominal Aortic Aneurysms (AAA) Who Die While in Hospital
49	Breast Surgery Care	262	Patient Safety	Image Confirmation of Successful Excision of Image-Localized Breast Lesion
		263	Effective Clinical Care	Preoperative Diagnosis of Breast Cancer
		264	Effective Clinical Care	Sentinel Lymph Node Biopsy for Invasive Breast Cancer
50	Functional Care	217	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Knee Impairments
		218	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Hip Impairments
		219	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Lower Leg, Foot or Ankle Impairments
		220	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Lumbar Spine Impairments
		221	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Shoulder Impairments
		222	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Elbow, Wrist or Hand Impairments
		223	Communication and Care Coordination	Functional Deficit: Change in Risk-Adjusted Functional Status for Patients with Neck, Cranium, Mandible, Thoracic Spine, Ribs, or Other General Orthopedic Impairments

## Measures Not Included Within a Cluster in 2014 PQRS

For 2014 registry MAV, CMS will not include measures that are deemed to be clinically general or broadly applicable to all or many Medicare patients and, therefore, potentially unreasonable to attribute to individual eligible professionals or group practices. Other measures are not included in a cluster of closely clinically related measures for other clinical or technical reasons, such as: (1) the measure may not fit any cluster; or (2) the measure may fit reasonably with more than one cluster.

Measures not included within a cluster for 2014 registry-based MAV, or claims-based, participation may or may not be included in groupings of measures used in validation protocols for other mechanisms of data submission or for other purposes or programs.

These measures may also, in subsequent program years, be included in a MAV cluster for registry-based or claims-based participation in PQRS.

Measure 28	Aspirin at Arrival for Acute Myocardial Infarction (AMI)
Measure 39	Screening or Therapy for Osteoporosis for Women Aged 65 Years and Older
Measure 41	Osteoporosis: Pharmacologic Therapy for Men and Women Aged 50 Years and Older
Measure 44	Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery
Measure 45	Perioperative Care: Discontinuation of Prophylactic Parenteral Antibiotics (Cardiac Procedures)
Measure 46	Medication Reconciliation
Measure 47	Advance Care Plan
Measure 71	Breast Cancer: Hormonal Therapy for Stage IC - IIIC Estrogen Receptor/Progesterone Receptor (ER/PR) Positive Breast Cancer
Measure 72	Colon Cancer: Chemotherapy for AJCC Stage III Colon Cancer Patients
Measure 100	Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade
Measure 110	Preventive Care and Screening: Influenza Immunization
Measure 111	Pneumonia Vaccination Status for Older Adults
Measure 112	Breast Cancer Screening
Measure 113	Colorectal Cancer Screening
Measure 116	Avoidance of Antibiotic Treatment in Adults With Acute Bronchitis
Measure 117	Diabetes: Eye Exam
Measure 128	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up
Measure 130	Documentation of Current Medications in the Medical Record
Measure 131	Pain Assessment and Follow-Up
Measure 134	Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan
Measure 145	Radiology: Exposure Time Reported for Procedures Using Fluoroscopy
Measure 147	Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy
Measure 156	Oncology: Radiation Dose Limits to Normal Tissues
Measure 157	Thoracic Surgery: Recording of Clinical Stage Prior to Lung Cancer or Esophageal Cancer Resection
Measure 163	Diabetes: Foot Exam
Measure 172	Hemodialysis Vascular Access Decision-Making by Surgeon to Maximize Placement of Autogenous Arterial Venous (AV) Fistula
Measure 173	Preventive Care and Screening: Unhealthy Alcohol Use - Screening
Measure 181	Elder Maltreatment Screen and Follow-Up Plan
Measure 182	Functional Outcome Assessment
Measure 194	Oncology: Cancer Stage Documented
Measure 195	Radiology: Stenosis Measurement in Carotid Imaging Reports

Measure 226	Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention
Measure 233	Thoracic Surgery: Recording of Performance Status Prior to Lung or Esophageal Cancer Resection
Measure 234	Thoracic Surgery: Pulmonary Function Tests Before Major Anatomic Lung Resection (Pneumonectomy, Lobectomy, or Formal Segmentectomy)
Measure 236	Controlling High Blood Pressure
Measure 243	Cardiac Rehabilitation Patient Referral from an Outpatient Setting
Measure 249	Barrett's Esophagus
Measure 250	Radical Prostatectomy Pathology Reporting
Measure 254	Ultrasound Determination of Pregnancy Location for Pregnant Patients with Abdominal Pain
Measure 255	Rh Immunoglobulin (Rhogam) for Rh-Negative Pregnant Women at Risk of Fetal Blood Exposure
Measure 257	Statin Therapy at Discharge after Lower Extremity Bypass (LEB)
Measure 261	Referral for Otologic Evaluation for Patients with Acute or Chronic Dizziness
Measure 265	Biopsy Follow-Up
Measure 317	Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented
Measure 325	Adult Major Depressive Disorder (MDD): Coordination of Care of Patients with Specific Comorbid Conditions
Measure 326	Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy
Measure 337	Tuberculosis Prevention for Psoriasis and Psoriatic Arthritis Patients on a Biological Immune Response Modifier
Measure 342	Pain Brought Under Control Within 48 Hours
Measure 343	Screening Colonoscopy Adenoma Detection Rate
Measure 348	HRS-3: Implantable Cardioverter-Defibrillator (ICD) Complications Rate
Measure 349	Optimal Vascular Care Composite
Measure 358	Patient-Centered Surgical Risk Assessment and Communication

Prior to performing the analysis to determine satisfactory reporting, CMS may determine that additional PQRS measures should not be included within a cluster for registry-based MAV. Any additions to this list will be published on the CMS PQRS website as soon as possible after determination.

### **Measures Reported Measures Group, Electronic Health Record (EHR), or Web-Interface Only – Not Applicable to Registry MAV**

The following list of measures will be reported by measure group, EHR, or Web-Interface reporting only, therefore, are not subject to registry measure applicability validation.

Measure 148	Back Pain: Initial Visit
Measure 149	Back Pain: Physical Exam
Measure 150	Back Pain: Advice for Normal Activities
Measure 151	Back Pain: Advice Against Bed Rest
Measure 238	Use of High-Risk Medications in the Elderly
Measure 239	Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents
Measure 240	Childhood Immunization Status
Measure 269	Inflammatory Bowel Disease (IBD): Type, Anatomic Location and Activity All Documented
Measure 270	Inflammatory Bowel Disease (IBD): Preventive Care: Corticosteroid Sparing Therapy
Measure 271	Inflammatory Bowel Disease (IBD): Preventive Care: Corticosteroid Related Iatrogenic Injury – Bone Loss Assessment
Measure 272	Inflammatory Bowel Disease (IBD): Preventive Care: Influenza Immunization
Measure 273	Inflammatory Bowel Disease (IBD): Preventive Care: Pneumococcal Immunization
Measure 274	Inflammatory Bowel Disease (IBD): Testing for Latent Tuberculosis (TB) Before Initiating Anti-TNF (Tumor Necrosis Factor) Therapy
Measure 275	Inflammatory Bowel Disease (IBD): Assessment of Hepatitis B Virus (HBV) Status Before Initiating Anti-TNF (Tumor Necrosis Factor) Therapy

Measure 276	Sleep Apnea: Assessment of Sleep Symptoms
Measure 277	Sleep Apnea: Severity Assessment at Initial Diagnosis
Measure 278	Sleep Apnea: Positive Airway Pressure Therapy Prescribed
Measure 279	Sleep Apnea: Assessment of Adherence to Positive Airway Pressure Therapy
Measure 280	Dementia: Staging of Dementia
Measure 281	Dementia: Cognitive Assessment
Measure 282	Dementia: Functional Status Assessment
Measure 283	Dementia: Neuropsychiatric Symptom Assessment
Measure 284	Dementia: Management of Neuropsychiatric Symptoms
Measure 285	Dementia: Screening for Depressive Symptoms
Measure 286	Dementia: Counseling Regarding Safety Concerns
Measure 287	Dementia: Counseling Regarding Risks of Driving
Measure 288	Dementia: Caregiver Education and Support
Measure 289	Parkinson's Disease: Annual Parkinson's Disease Diagnosis Review
Measure 290	Parkinson's Disease: Psychiatric Disorders or Disturbances Assessment
Measure 291	Parkinson's Disease: Cognitive Impairment or Dysfunction Assessment
Measure 292	Parkinson's Disease: Querying about Sleep Disturbances
Measure 293	Parkinson's Disease: Rehabilitative Therapy Options
Measure 294	Parkinson's Disease: Parkinson's Disease Medical and Surgical Treatment Options Reviewed
Measure 295	Hypertension: Use of Aspirin or Other Antithrombotic Therapy
Measure 296	Hypertension: Complete Lipid Profile
Measure 297	Hypertension: Urine Protein Test
Measure 298	Hypertension: Annual Serum Creatinine Test
Measure 299	Hypertension: Diabetes Mellitus Screening Test
Measure 300	Hypertension: Blood Pressure Control
Measure 301	Hypertension: Low Density Lipoprotein (LDL-C) Control
Measure 302	Hypertension: Dietary and Physical Activity Modifications Appropriately Prescribed
Measure 305	Initiation and Engagement of Alcohol and Other Drug Dependence Treatment
Measure 309	Cervical Cancer Screening
Measure 310	Chlamydia Screening for Women
Measure 311	Use of Appropriate Medications for Asthma
Measure 312	Use of Imaging Studies for Low Back Pain
Measure 316	Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed: AND Risk-Stratified Fasting LDL-C
Measure 318	Falls: Screening for Future Fall Risk
Measure 319	Diabetes Composite: Optimal Diabetes Care
Measure 321	CG-CAHPS Clinician/Group Survey
Measure 340	HIV Medical Visit Frequency
Measure 341	Gap in HIV Medical Visits
Measure 350	Total Knee Replacement: Shared Decision-Making: Trial of Conservative (Non-surgical) Therapy
Measure 351	Total Knee Replacement: Venous Thromboembolic and Cardiovascular Risk Evaluation
Measure 352	Total Knee Replacement: Preoperative Antibiotic Infusion with Proximal Tourniquet
Measure 353	Total Knee Replacement: Identification of Implanted Prosthesis in Operative Report
Measure 354	Anastomotic Leak Intervention
Measure 355	Unplanned Reoperation within the 30 Day Postoperative Period
Measure 356	Unplanned Hospital Readmission within 30 Days of Principal Procedure
Measure 357	Surgical Site Infection (SSI)
Measure 359	Optimizing Patient Exposure to Ionizing Radiation: Utilization of a Standardized Nomenclature for Computed Tomography (CT) Imaging Description

Measure 360	Optimizing Patient Exposure to Ionizing Radiation: Count of Potential High Dose Radiation Imaging Studies: Computed Tomography (CT) and Cardiac Nuclear Medicine Studies
Measure 361	Optimizing Patient Exposure to Ionizing Radiation: Reporting to a Radiation Dose Index Registry
Measure 362	Optimizing Patient Exposure to Ionizing Radiation: Computed Tomography (CT) Images Available for Patient Follow-up and Comparison Purposes
Measure 363	Optimizing Patient Exposure to Ionizing Radiation: Search for Prior Computed Tomography (CT) Imaging Studies Through a Secure, Authorized, Media-Free, Shared Archive
Measure 364	Optimizing Patient Exposure to Ionizing Radiation: Appropriateness: Follow-up CT Imaging for Incidentally Detected Pulmonary Nodules According to Recommended Guidelines
Measure 365	Hemoglobin A1c Test for Pediatric Patients
Measure 366	ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication
Measure 367	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use
Measure 368	HIV/AIDS: Medical Visit
Measure 369	Pregnant women that had HBsAg testing
Measure 370	Depression Remission at Twelve Months
Measure 371	Depression Utilization of the PHQ-9 Tool
Measure 372	Maternal Depression Screening
Measure 373	Hypertension: Improvement in Blood Pressure
Measure 374	Closing the referral loop: receipt of specialist report
Measure 375	Functional Status Assessment for Knee Replacement
Measure 376	Functional Status Assessment for Hip Replacement
Measure 377	Functional Status Assessment for Complex Chronic Conditions
Measure 378	Children Who Have Dental Decay or Cavities
Measure 379	Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists
Measure 380	ADE Prevention and Monitoring: Warfarin Time in Therapeutic Range
Measure 381	HIV/AIDS: RNA Control for Patients with HIV
Measure 382	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment