

# Quality-Data Code Submission Error Report 1st Quarter 2012 Physician Quality Reporting System

**Report Date: 7/27/2012**

This summary is provided to assist eligible professionals and their staff in interpreting the Quality-Data Code Submission Error Report by Measure. Please note that this report is based on the number of valid quality-data codes (QDCs) submitted by measure and reasons why a submission is considered invalid. This report does not include the number of claims for which an expected QDC was not submitted on an eligible claim.

## **QDC Submission Attempts:**

- Total QDCs Reported - The number of instances where a TIN/NPI submitted a QDC for that measure.
- Total Valid QDCs Reported on Eligible Cases - The number of instances where a TIN/NPI submitted a valid QDC for that measure.
- % Valid – Percentage of Total Valid QDCs Reported divided by Total QDCs Reported on Eligible Cases.
- Total QDCs Reported on Eligible Cases – Number of valid or invalid QDCs reported on eligible cases meeting the measure's denominator requirements.

## **Denominator Mismatch:**

- Measure Reported with Incorrect Age and/or Gender - The number of occurrences of QDC reporting where the QDC does not match the demographic requirements for the measure.
- Incorrect Diagnosis and/or HCPCS - The number of occurrences of QDC reporting where the QDC does not match the denominator requirements for the measure.
- Measure Reported on an Instance with a Missing CPT Code - The number of occurrences of QDC reporting when there are no CPT codes for billable services on the claim associated with the denominator requirements for the measure.

## **How to Read the Quality-Data Code Submission Error Report by Measure:**

Using Measure #1-Diabetes Mellitus: Hemoglobin A1c Poor Control in Diabetes Mellitus as an example, we find the following information as we read across each column:

211,422 QDC submissions were received for this measure, 167,702 of which were considered valid. Therefore, the Valid Submission Rate is 79.32%. There were a total of 167,944 QDCs reported on eligible cases. The rest of the columns explain reasons for invalid submissions for measure #1. We see that 33,128 (15.67%) submissions did not match the measure's age parameters; there is no gender parameter for this measure; 41,714 (19.73%) submissions were for patient encounters and/or diagnoses that are not listed in the denominator; 1,107 (0.52%) submissions showed only the numerator component (QDCs) on the claim and the denominator component (HCPCS) were not on the claim nor on any other related claim for the same beneficiary, date-of-service, TIN/NPI.

## **Analysis Findings Include:**

### **Quality-Data Code Submission Error Report by Individual Measure (Claims)**

1. The top 5 measures with the highest percentage of valid QDC codes submitted were:
  - #261 Referral for Otologic Evaluation for Patients with Acute or Chronic Dizziness (100.00%),
  - #179 Rheumatoid Arthritis (RA): Assessment and Classification of Disease Prognosis (97.64%),

#147 Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy (97.31%),  
#177 Rheumatoid Arthritis (RA): Periodic Assessment of Disease Activity (97.17%), and  
#110 Preventive Care and Screening: Influenza Immunization (96.94%).

2. The top 5 measures with the lowest percentage of valid QDC codes submitted (with at least 1 eligible instance) were:

#235 Hypertension (HTN): Plan of Care (0.11%),  
#232 Asthma: Tobacco Use: Intervention - Ambulatory Care Setting (0.35%),  
#53 Asthma: Pharmacologic Therapy for Persistent Asthma (1.66%),  
#248 Substance Use Disorders: Screening for Depression Among Patients with Substance Abuse or Dependence (3.24%), and  
#122 Adult Kidney Disease: Blood Pressure Management (3.81%).

3. The 5 measures with the highest rate of HCPCS/diagnosis errors were:

#65 Treatment for Children with Upper Respiratory Infection (URI): Avoidance of Inappropriate Use (100.00%),  
#66 Appropriate Testing for Children with Pharyngitis (100.00%),  
#188 Referral for Otologic Evaluation for Patients with Congenital or Traumatic Deformity of the Ear (99.38%),  
#232 Asthma: Tobacco Use: Intervention - Ambulatory Care Setting (95.96%), and  
#248 Substance Use Disorders: Screening for Depression Among Patients with Substance Abuse or Dependence (95.47%).

4. The 5 measures with the highest rate of patient age/gender errors were:

#65 Treatment for Children with Upper Respiratory Infection (URI): Avoidance of Inappropriate Use (100.00%),  
#66 Appropriate Testing for Children with Pharyngitis (100.00%),  
#232 Asthma: Tobacco Use: Intervention - Ambulatory Care Setting (87.24%),  
#231 Asthma: Tobacco Use: Screening - Ambulatory Care Setting (86.74%), and  
#53 Asthma: Pharmacologic Therapy for Persistent Asthma (73.94%).

**Physician Quality Reporting - Quality Data Code Submission Error Report by Individual Measure (Claims)**

*Report Includes Claims Data for Services Provided from January 1, 2012 through March 30, 2012 and Processed by March 30, 2012*

| Measure  | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |        |                           |        |   |       |
|--|----------------------------------|--|---------|---------------------------------------|--|--------|---------------------------|--------|---|-------|
|  | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |        | Incorrect DX and/or HCPCS |        | Measure Reported on an Instance with a Missing CPT Code |       |
|  |                                  |  |         |                                       | #  | %      | #                         | %      | #   | %     |
| #1 Diabetes Mellitus: Hemoglobin A1c Poor Control in Diabetes Mellitus   | 211,422                          | 167,702  | 79.32%  | 167,944                               | 33,128   | 15.67% | 41,714                    | 19.73% | 1,107   | 0.52% |
| #2 Diabetes Mellitus: Low Density Lipoprotein (LDL-C) Control in Diabetes Mellitus   | 188,567                          | 148,732  | 78.87%  | 148,983                               | 29,070   | 15.42% | 38,115                    | 20.21% | 983   | 0.52% |
| #3 Diabetes Mellitus: High Blood Pressure Control in Diabetes Mellitus   | 225,984                          | 155,084  | 68.63%  | 161,911                               | 40,239   | 17.81% | 68,604                    | 30.36% | 1,238   | 0.55% |
| #6 Coronary Artery Disease (CAD): Antiplatelet Therapy   | 115,513                          | 107,790  | 93.31%  | 107,790                               | 0  | 0.00%  | 7,722                     | 6.68%  | 309   | 0.27% |
| #9 Major Depressive Disorder (MDD): Antidepressant Medication During Acute Phase for Patients with MDD   | 6,479                            | 5,040  | 77.79%  | 5,040                                 | 0  | 0.00%  | 1,318                     | 20.34% | 88  | 1.36% |
| #10 Stroke and Stroke Rehabilitation: Computed Tomography (CT) or Magnetic Resonance Imaging (MRI) Reports   | 125,621                          | 110,025  | 87.58%  | 114,382                               | 2  | 0.00%  | 10,558                    | 8.40%  | 559   | 0.44% |
| #12 Primary Open Angle Glaucoma (POAG): Optic Nerve Evaluation   | 379,315                          | 329,161  | 86.78%  | 329,285                               | 0  | 0.00%  | 49,472                    | 13.04% | 1,073   | 0.28% |
| #14 Age-Related Macular Degeneration (AMD): Dilated Macular Examination  | 377,571                          | 361,964  | 95.87%  | 362,078                               | 340  | 0.09%  | 14,964                    | 3.96%  | 867   | 0.23% |
| #18 Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy   | 112,409                          | 91,780   | 81.65%  | 91,789                                | 0  | 0.00%  | 20,281                    | 18.04% | 277   | 0.25% |
| #19 Diabetic Retinopathy: Communication with the Physician Managing On-going Diabetes Care   | 81,852                           | 48,159   | 58.84%  | 59,015                                | 0  | 0.00%  | 22,583                    | 27.59% | 180   | 0.22% |
| #20 Perioperative Care: Timing of Antibiotic Prophylaxis – Ordering Physician  | 34,858                           | 23,694   | 67.97%  | 23,694                                | 0  | 0.00%  | 11,130                    | 31.93% | 431   | 1.24% |
| #21 Perioperative Care: Selection of Prophylactic Antibiotic – First OR Second Generation Cephalosporin  | 39,673                           | 29,328   | 73.92%  | 29,328                                | 3  | 0.01%  | 10,416                    | 26.25% | 352   | 0.89% |
| #22 Perioperative Care: Discontinuation of Prophylactic Antibiotics (Non-Cardiac Procedures)   | 39,536                           | 21,731   | 54.97%  | 26,891                                | 3  | 0.01%  | 12,301                    | 31.11% | 456   | 1.15% |
| #23 Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)  | 36,490                           | 26,312   | 72.11%  | 26,313                                | 3  | 0.01%  | 10,158                    | 27.84% | 335   | 0.92% |
| #24 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 | 1,935                            | 1,317  | 68.06%  | 1,318                                 | 16   | 0.83%  | 594                       | 30.70% | 10  | 0.52% |
| #28 Aspirin at Arrival for Acute Myocardial Infarction (AMI)   | 15,617                           | 14,734   | 94.35%  | 14,735                                | 0  | 0.00%  | 884                       | 5.66%  | 53  | 0.34% |
| #30 Perioperative Care: Timely Administration of Prophylactic Parenteral Antibiotics   | 903,603                          | 720,515  | 79.74%  | 723,435                               | 53   | 0.01%  | 176,220                   | 19.50% | 4,820   | 0.53% |
| #31 Stroke and Stroke Rehabilitation: Deep Vein Thrombosis (DVT) Prophylaxis for Ischemic Stroke or Intracranial Hemorrhage                                      | 6,457                            | 5,565  | 86.19%  | 5,565                                 | 0  | 0.00%  | 860                       | 13.32% | 29  | 0.45% |

| Measure  | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |        |                           |        |   |       |
|--|----------------------------------|--|---------|---------------------------------------|--|--------|---------------------------|--------|---|-------|
|  | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |        | Incorrect DX and/or HCPCS |        | Measure Reported on an Instance with a Missing CPT Code |       |
|  |                                  |  |         |                                       | #  | %      | #                         | %      | #   | %     |
| #32 Stroke and Stroke Rehabilitation: Discharged on Antithrombotic Therapy   | 3,844                            | 3,364  | 87.51%  | 3,364                                 | 0  | 0.00%  | 394                       | 10.25% | 68  | 1.77% |
| #35 Stroke and Stroke Rehabilitation: Screening for Dysphagia  | 3,031                            | 2,124  | 70.08%  | 2,241                                 | 0  | 0.00%  | 710                       | 23.42% | 16  | 0.53% |
| #36 Stroke and Stroke Rehabilitation: Rehabilitation Services Ordered  | 3,121                            | 2,758  | 88.37%  | 2,758                                 | 0  | 0.00%  | 314                       | 10.06% | 35  | 1.12% |
| #39 Screening or Therapy for Osteoporosis for Women Aged 65 Years and Older  | 134,880                          | 122,250  | 90.64%  | 122,250                               | 7,041  | 5.22%  | 11,327                    | 8.40%  | 1,397   | 1.04% |
| #40 Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older | 6,484                            | 2,922  | 45.06%  | 2,922                                 | 73   | 1.13%  | 3,349                     | 51.65% | 55  | 0.85% |
| #41 Osteoporosis: Pharmacologic Therapy for Men and Women Aged 50 Years and Older  | 16,805                           | 13,017   | 77.46%  | 13,017                                | 145  | 0.86%  | 3,714                     | 22.10% | 134   | 0.80% |
| #43 Coronary Artery Bypass Graft (CABG): Use of Internal Mammary Artery (IMA) in Patients with Isolated CABG Surgery     | 4,980                            | 3,157  | 63.39%  | 3,157                                 | 0  | 0.00%  | 1,833                     | 36.81% | 57  | 1.14% |
| #44 Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery                | 3,642                            | 2,221  | 60.98%  | 2,221                                 | 0  | 0.00%  | 1,419                     | 38.96% | 48  | 1.32% |
| #45 Perioperative Care: Discontinuation of Prophylactic Antibiotics (Cardiac Procedures)                                 | 5,894                            | 780  | 13.23%  | 5,018                                 | 0  | 0.00%  | 828                       | 14.05% | 57  | 0.97% |
| #46 Medication Reconciliation: Reconciliation After Discharge from an Inpatient Facility                                 | 11,644                           | 1,479  | 12.70%  | 4,142                                 | 373  | 3.20%  | 940                       | 8.07%  | 857   | 7.36% |
| #47 Advance Care Plan  | 321,024                          | 292,992  | 91.27%  | 294,282                               | 15,710   | 4.89%  | 25,021                    | 7.79%  | 2,281   | 0.71% |
| #48 Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older     | 94,082                           | 82,722   | 87.93%  | 82,724                                | 6,445  | 6.85%  | 10,650                    | 11.32% | 782   | 0.83% |
| #49 Urinary Incontinence: Characterization of Urinary Incontinence in Women Aged 65 Years and Older                      | 21,544                           | 15,982   | 74.18%  | 15,997                                | 1,036  | 4.81%  | 5,687                     | 26.40% | 47  | 0.22% |
| #50 Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older                         | 20,665                           | 15,444   | 74.74%  | 15,458                                | 961  | 4.65%  | 5,333                     | 25.81% | 44  | 0.21% |
| #51 Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation  | 38,520                           | 34,259   | 88.94%  | 34,259                                | 0  | 0.00%  | 4,256                     | 11.05% | 158   | 0.41% |
| #52 Chronic Obstructive Pulmonary Disease (COPD): Bronchodilator Therapy   | 32,377                           | 22,063   | 68.14%  | 29,813                                | 0  | 0.00%  | 2,550                     | 7.88%  | 201   | 0.62% |
| #53 Asthma: Pharmacologic Therapy for Persistent Asthma  | 3,316                            | 55   | 1.66%   | 734                                   | 2,452  | 73.94% | 2,485                     | 74.94% | 4   | 0.12% |
| #54 Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Non-Traumatic Chest Pain                           | 287,016                          | 239,518  | 83.45%  | 239,519                               | 3,910  | 1.36%  | 47,063                    | 16.40% | 903   | 0.31% |
| #55 Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Syncope  | 33,757                           | 28,267   | 83.74%  | 28,267                                | 1,960  | 5.81%  | 5,268                     | 15.61% | 210   | 0.62% |
| #56 Emergency Medicine: Community-Acquired Pneumonia (CAP): Vital Signs  | 125,785                          | 111,280  | 88.47%  | 111,280                               | 1  | 0.00%  | 13,989                    | 11.12% | 401   | 0.32% |
| #57 Emergency Medicine: Community-Acquired Pneumonia (CAP): Assessment of Oxygen Saturation                              | 128,503                          | 120,844  | 94.04%  | 120,844                               | 1  | 0.00%  | 7,183                     | 5.59%  | 425   | 0.33% |

| Measure  | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |         |                           |         |   |       |
|--|----------------------------------|--|---------|---------------------------------------|--|---------|---------------------------|---------|---|-------|
|  | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |         | Incorrect DX and/or HCPCS |         | Measure Reported on an Instance with a Missing CPT Code |       |
|  |                                  |  |         |                                       | #  | %       | #                         | %       | #   | %     |
| #58 Emergency Medicine: Community-Acquired Pneumonia (CAP): Assessment of Mental Status                                      | 115,766                          | 110,731  | 95.65%  | 110,738                               | 1  | 0.00%   | 4,626                     | 4.00%   | 370   | 0.32% |
| #59 Emergency Medicine: Community-Acquired Pneumonia (CAP): Empiric Antibiotic   | 80,781                           | 77,342   | 95.74%  | 77,342                                | 1  | 0.00%   | 3,102                     | 3.84%   | 309   | 0.38% |
| #64 Asthma: Assessment of Asthma Control   | 800                              | 187  | 23.38%  | 208                                   | 567  | 70.88%  | 586                       | 73.25%  | 1   | 0.13% |
| #65 Treatment for Children with Upper Respiratory Infection (URI): Avoidance of Inappropriate Use                            | 13                               | 0  | 0.00%   | 0                                     | 13   | 100.00% | 13                        | 100.00% | 0   | 0.00% |
| #66 Appropriate Testing for Children with Pharyngitis  | 40                               | 0  | 0.00%   | 0                                     | 40   | 100.00% | 40                        | 100.00% | 0   | 0.00% |
| #67 Hematology: Myelodysplastic Syndrome (MDS) and Acute Leukemias: Baseline Cytogenetic Testing Performed on Bone Marrow    | 6,205                            | 5,862  | 94.47%  | 5,862                                 | 0  | 0.00%   | 330                       | 5.32%   | 14  | 0.23% |
| #68 Hematology: Myelodysplastic Syndrome (MDS): Documentation of Iron Stores in Patients Receiving Erythropoietin Therapy    | 3,239                            | 2,820  | 87.06%  | 3,116                                 | 0  | 0.00%   | 119                       | 3.67%   | 3   | 0.09% |
| #69 Hematology: Multiple Myeloma: Treatment with Bisphosphonates   | 4,990                            | 4,708  | 94.35%  | 4,708                                 | 0  | 0.00%   | 274                       | 5.49%   | 12  | 0.24% |
| #70 Hematology: Chronic Lymphocytic Leukemia (CLL): Baseline Flow Cytometry  | 5,740                            | 5,459  | 95.10%  | 5,459                                 | 0  | 0.00%   | 282                       | 4.91%   | 6   | 0.10% |
| #71 Breast Cancer: Hormonal Therapy for Stage IC-IIIC Estrogen Receptor/Progesterone Receptor (ER/PR) Positive Breast Cancer | 23,877                           | 18,804   | 78.75%  | 22,258                                | 82   | 0.34%   | 1,517                     | 6.35%   | 93  | 0.39% |
| #72 Colon Cancer: Chemotherapy for Stage III Colon Cancer Patients   | 6,336                            | 5,506  | 86.90%  | 5,845                                 | 0  | 0.00%   | 485                       | 7.65%   | 6   | 0.09% |
| #76 Prevention of Catheter-Related Bloodstream Infections (CRBSI): Central Venous Catheter (CVC) Insertion Protocol          | 61,454                           | 53,481   | 87.03%  | 53,483                                | 0  | 0.00%   | 7,320                     | 11.91%  | 662   | 1.08% |
| #84 Hepatitis C: Ribonucleic Acid (RNA) Testing Before Initiating Treatment  | 1,110                            | 883  | 79.55%  | 988                                   | 0  | 0.00%   | 117                       | 10.54%  | 3   | 0.27% |
| #85 Hepatitis C: HCV Genotype Testing Prior to Treatment   | 1,085                            | 904  | 83.32%  | 1,008                                 | 0  | 0.00%   | 74                        | 6.82%   | 1   | 0.09% |
| #86 Hepatitis C: Antiviral Treatment Prescribed  | 698                              | 632  | 90.54%  | 632                                   | 0  | 0.00%   | 62                        | 8.88%   | 1   | 0.14% |
| #87 Hepatitis C: HCV Ribonucleic Acid (RNA) Testing at Week 12 of Treatment  | 630                              | 519  | 82.38%  | 549                                   | 0  | 0.00%   | 78                        | 12.38%  | 1   | 0.16% |
| #89 Hepatitis C: Counseling Regarding Risk of Alcohol Consumption  | 1,179                            | 899  | 76.25%  | 900                                   | 0  | 0.00%   | 274                       | 23.24%  | 5   | 0.42% |
| #90 Hepatitis C: Counseling Regarding Use of Contraception Prior to Antiviral Therapy  | 179                              | 88   | 49.16%  | 128                                   | 0  | 0.00%   | 48                        | 26.82%  | 1   | 0.56% |
| #91 Acute Otitis Externa (AOE): Topical Therapy  | 1,564                            | 1,451  | 92.77%  | 1,451                                 | 0  | 0.00%   | 104                       | 6.65%   | 9   | 0.58% |
| #92 Acute Otitis Externa (AOE): Pain Assessment  | 1,974                            | 1,580  | 80.04%  | 1,580                                 | 0  | 0.00%   | 388                       | 19.66%  | 4   | 0.20% |
| #93 Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy – Avoidance of Inappropriate Use                              | 1,095                            | 992  | 90.59%  | 995                                   | 0  | 0.00%   | 97                        | 8.86%   | 2   | 0.18% |

| Measure  | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |        |                           |        |   |       |
|--|----------------------------------|--|---------|---------------------------------------|--|--------|---------------------------|--------|---|-------|
|  | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |        | Incorrect DX and/or HCPCS |        | Measure Reported on an Instance with a Missing CPT Code |       |
|  |                                  |  |         |                                       | #  | %      | #                         | %      | #   | %     |
| #99 Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade      | 8,191                            | 6,073  | 74.14%  | 6,073                                 | 0  | 0.00%  | 2,060                     | 25.15% | 65  | 0.79% |
| #100 Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade | 2,647                            | 2,377  | 89.80%  | 2,377                                 | 0  | 0.00%  | 233                       | 8.80%  | 34  | 1.28% |
| #102 Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low-Risk Prostate Cancer Patients  | 2,053                            | 1,073  | 52.26%  | 1,107                                 | 0  | 0.00%  | 917                       | 44.67% | 22  | 1.07% |
| #104 Prostate Cancer: Adjuvant Hormonal Therapy for High-Risk Prostate Cancer Patients   | 1,101                            | 917  | 83.29%  | 946                                   | 0  | 0.00%  | 140                       | 12.72% | 13  | 1.18% |
| #105 Prostate Cancer: Three-Dimensional (3D) Radiotherapy  | 1,435                            | 1,290  | 89.90%  | 1,335                                 | 0  | 0.00%  | 84                        | 5.85%  | 11  | 0.77% |
| #106 Major Depressive Disorder (MDD): Diagnostic Evaluation  | 4,826                            | 3,229  | 66.91%  | 3,229                                 | 0  | 0.00%  | 1,567                     | 32.47% | 27  | 0.56% |
| #107 Major Depressive Disorder (MDD): Suicide Risk Assessment  | 9,506                            | 5,949  | 62.58%  | 5,949                                 | 0  | 0.00%  | 3,509                     | 36.91% | 40  | 0.42% |
| #108 Rheumatoid Arthritis (RA): Disease Modifying Anti-Rheumatic Drug (DMARD) Therapy  | 15,544                           | 14,996   | 96.47%  | 15,007                                | 0  | 0.00%  | 689                       | 4.43%  | 35  | 0.23% |
| #109 Osteoarthritis (OA): Function and Pain Assessment   | 27,610                           | 21,712   | 78.64%  | 21,714                                | 0  | 0.00%  | 5,470                     | 19.81% | 275   | 1.00% |
| #110 Preventive Care and Screening: Influenza Immunization   | 470,714                          | 456,300  | 96.94%  | 456,300                               | 0  | 0.00%  | 11,702                    | 2.49%  | 0   | 0.00% |
| #111 Preventive Care and Screening: Pneumonia Vaccination for Patients 65 Years and Older  | 417,478                          | 387,659  | 92.86%  | 387,892                               | 13,952   | 3.34%  | 27,803                    | 6.66%  | 2,006   | 0.48% |
| #112 Preventive Care and Screening: Screening Mammography  | 96,397                           | 64,955   | 67.38%  | 64,973                                | 27,962   | 29.01% | 29,627                    | 30.73% | 1,811   | 1.88% |
| #113 Preventive Care and Screening: Colorectal Cancer Screening  | 250,024                          | 201,981  | 80.78%  | 202,050                               | 37,958   | 15.18% | 45,660                    | 18.26% | 2,467   | 0.99% |
| #116 Antibiotic Treatment for Adults with Acute Bronchitis: Avoidance of Inappropriate Use   | 315                              | 148  | 46.98%  | 148                                   | 139  | 44.13% | 152                       | 48.25% | 11  | 3.49% |
| #117 Diabetes Mellitus: Dilated Eye Exam in Diabetic Patient   | 234,347                          | 151,926  | 64.83%  | 152,350                               | 73,865   | 31.52% | 78,983                    | 33.70% | 661   | 0.28% |
| #119 Diabetes Mellitus: Urine Screening for Microalbumin or Medical Attention for Nephropathy in Diabetic Patients                             | 42,184                           | 33,463   | 79.33%  | 33,471                                | 6,963  | 16.51% | 7,708                     | 18.27% | 326   | 0.77% |
| #121 Adult Kidney Disease: Laboratory Testing (Lipid Profile)  | 7,103                            | 6,433  | 90.57%  | 6,433                                 | 0  | 0.00%  | 603                       | 8.49%  | 61  | 0.86% |
| #122 Adult Kidney Disease: Blood Pressure Management   | 35,181                           | 1,342  | 3.81%   | 1,551                                 | 0  | 0.00%  | 27,289                    | 77.57% | 116   | 0.33% |
| #123 Adult Kidney Disease: Patients On Erythropoiesis-Stimulating Agent (ESA) - Hemoglobin Level > 12.0 g/dL                                   | 5,486                            | 4,242  | 77.32%  | 5,088                                 | 0  | 0.00%  | 386                       | 7.04%  | 10  | 0.18% |
| #124 Health Information Technology (HIT): Adoption/Use of Electronic Health Records (EHR)  | 3,739,602                        | 3,464,169  | 92.63%  | 3,464,169                             | 0  | 0.00%  | 253,341                   | 6.77%  | 24,000  | 0.64% |
| #126 Diabetes Mellitus: Diabetic Foot and Ankle Care, Peripheral Neuropathy – Neurological Evaluation  | 76,422                           | 68,525   | 89.67%  | 68,525                                | 0  | 0.00%  | 7,273                     | 9.52%  | 650   | 0.85% |

| Measure   | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |        |                           |        |   |       |
|---|----------------------------------|--|---------|---------------------------------------|--|--------|---------------------------|--------|---|-------|
|   | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |        | Incorrect DX and/or HCPCS |        | Measure Reported on an Instance with a Missing CPT Code |       |
|   |                                  |  |         |                                       | #  | %      | #                         | %      | #   | %     |
| #127 Diabetes Mellitus: Diabetic Foot and Ankle Care, Ulcer Prevention – Evaluation of Footwear                               | 59,622                           | 55,414   | 92.94%  | 55,414                                | 0  | 0.00%  | 3,730                     | 6.26%  | 542   | 0.91% |
| #128 Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up   | 440,212                          | 415,647  | 94.42%  | 415,647                               | 0  | 0.00%  | 20,164                    | 4.58%  | 4,445   | 1.01% |
| #130 Documentation of Current Medications in the Medical Record   | 2,271,210                        | 2,146,647  | 94.52%  | 2,146,647                             | 9  | 0.00%  | 109,319                   | 4.81%  | 16,447  | 0.72% |
| #131 Pain Assessment and Follow-Up  | 122,396                          | 108,918  | 88.99%  | 108,918                               | 2  | 0.00%  | 12,201                    | 9.97%  | 1,279   | 1.04% |
| #134 Screening for Clinical Depression and Follow-Up Plan   | 7,785                            | 7,423  | 95.35%  | 7,423                                 | 0  | 0.00%  | 302                       | 3.88%  | 79  | 1.01% |
| #140 Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement   | 266,031                          | 254,653  | 95.72%  | 255,583                               | 225  | 0.08%  | 10,049                    | 3.78%  | 457   | 0.17% |
| #141 Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care    | 105,962                          | 92,172   | 86.99%  | 98,036                                | 0  | 0.00%  | 7,834                     | 7.39%  | 296   | 0.28% |
| #142 Osteoarthritis (OA): Assessment for Use of Anti-Inflammatory or Analgesic Over-the-Counter (OTC) Medications             | 31,698                           | 21,745   | 68.60%  | 21,755                                | 0  | 0.00%  | 9,469                     | 29.87% | 282   | 0.89% |
| #145 Radiology: Exposure Time Reported for Procedures Using Fluoroscopy   | 204,585                          | 187,613  | 91.70%  | 187,656                               | 0  | 0.00%  | 15,125                    | 7.39%  | 1,815   | 0.89% |
| #146 Radiology: Inappropriate Use of "Probably Benign" Assessment Category in Mammography Screening                           | 504,122                          | 481,904  | 95.59%  | 483,798                               | 0  | 0.00%  | 19,065                    | 3.78%  | 1,272   | 0.25% |
| #147 Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy                | 41,401                           | 40,286   | 97.31%  | 40,289                                | 0  | 0.00%  | 963                       | 2.33%  | 149   | 0.36% |
| #154 Falls: Risk Assessment   | 144,719                          | 107,952  | 74.59%  | 127,851                               | 10,886   | 7.52%  | 15,432                    | 10.66% | 1,437   | 0.99% |
| #155 Falls: Plan of Care  | 33,515                           | 15,485   | 46.20%  | 15,488                                | 0  | 0.00%  | 0                         | 0.00%  | 1,759   | 5.25% |
| #156 Oncology: Radiation Dose Limits to Normal Tissues  | 659                              | 502  | 76.18%  | 509                                   | 0  | 0.00%  | 138                       | 20.94% | 11  | 1.67% |
| #157 Thoracic Surgery: Recording of Clinical Stage Prior to Lung Cancer or Esophageal Cancer Resection                        | 131                              | 104  | 79.39%  | 104                                   | 0  | 0.00%  | 27                        | 20.61% | 0   | 0.00% |
| #158 Carotid Endarterectomy: Use of Patch During Conventional Carotid Endarterectomy  | 1,022                            | 925  | 90.51%  | 925                                   | 0  | 0.00%  | 92                        | 9.00%  | 9   | 0.88% |
| #163 Diabetes Mellitus: Foot Exam   | 67,236                           | 42,563   | 63.30%  | 42,564                                | 18,357   | 27.30% | 22,504                    | 33.47% | 667   | 0.99% |
| #172 Hemodialysis Vascular Access Decision-Making by Surgeon to Maximize Placement of Autogenous Arterial Venous (AV) Fistula | 1,097                            | 938  | 85.51%  | 938                                   | 0  | 0.00%  | 156                       | 14.22% | 8   | 0.73% |
| #173 Preventive Care and Screening: Unhealthy Alcohol Use – Screening   | 177,425                          | 170,095  | 95.87%  | 170,151                               | 0  | 0.00%  | 6,517                     | 3.67%  | 1,269   | 0.72% |
| #176 Rheumatoid Arthritis (RA): Tuberculosis Screening  | 6,417                            | 5,462  | 85.12%  | 6,198                                 | 0  | 0.00%  | 199                       | 3.10%  | 15  | 0.23% |
| #177 Rheumatoid Arthritis (RA): Periodic Assessment of Disease Activity   | 6,561                            | 6,375  | 97.17%  | 6,377                                 | 0  | 0.00%  | 164                       | 2.50%  | 21  | 0.32% |
| #178 Rheumatoid Arthritis (RA): Functional Status Assessment  | 9,021                            | 6,019  | 66.72%  | 6,020                                 | 0  | 0.00%  | 2,944                     | 32.63% | 27  | 0.30% |
| #179 Rheumatoid Arthritis (RA): Assessment and Classification of Disease Prognosis  | 3,902                            | 3,810  | 97.64%  | 3,810                                 | 0  | 0.00%  | 81                        | 2.08%  | 10  | 0.26% |
| #180 Rheumatoid Arthritis (RA): Glucocorticoid Management   | 4,627                            | 4,357  | 94.16%  | 4,515                                 | 0  | 0.00%  | 100                       | 2.16%  | 11  | 0.24% |

| Measure  | QDC Submission Attempts          |  |         |                                       | Denominator Mismatch <sup>c</sup>                              |        |                           |        |   |       |
|--|----------------------------------|--|---------|---------------------------------------|--|--------|---------------------------|--------|---|-------|
|  | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |        | Incorrect DX and/or HCPCS |        | Measure Reported on an Instance with a Missing CPT Code |       |
|  |                                  |  |         |                                       | #  | %      | #                         | %      | #   | %     |
| #181 Elder Maltreatment Screen and Follow-Up Plan  | 312                              | 264  | 84.62%  | 264                                   | 44   | 14.10% | 40                        | 12.82% | 8   | 2.56% |
| #182 Functional Outcome Assessment   | 52,922                           | 49,270   | 93.10%  | 49,270                                | 2  | 0.00%  | 3,143                     | 5.94%  | 509   | 0.96% |
| #183 Hepatitis C: Hepatitis A Vaccination in Patients with HCV   | 747                              | 633  | 84.74%  | 633                                   | 0  | 0.00%  | 137                       | 18.34% | 4   | 0.54% |
| #184 Hepatitis C: Hepatitis B Vaccination in Patients with HCV   | 731                              | 623  | 85.23%  | 624                                   | 0  | 0.00%  | 131                       | 17.92% | 2   | 0.27% |
| #185 Endoscopy & Polyp Surveillance: Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use | 8,934                            | 7,553  | 84.54%  | 7,553                                 | 0  | 0.00%  | 1,253                     | 14.03% | 81  | 0.91% |
| #186 Chronic Wound Care: Use of Compression System in Patients with Venous Ulcers  | 1,645                            | 671  | 40.79%  | 671                                   | 0  | 0.00%  | 1,060                     | 64.44% | 4   | 0.24% |
| #188 Referral for Otologic Evaluation for Patients with Congenital or Traumatic Deformity of the Ear   | 965                              | 0  | 0.00%   | 0                                     | 0  | 0.00%  | 959                       | 99.38% | 0   | 0.00% |
| #189 Referral for Otologic Evaluation for Patients with History of Active Drainage from the Ear Within the Previous 90 Days                  | 81                               | 20   | 24.69%  | 22                                    | 0  | 0.00%  | 58                        | 71.60% | 1   | 1.23% |
| #190 Referral for Otologic Evaluation for Patients with a History of Sudden or Rapidly Progressive Hearing Loss                              | 1,318                            | 1,086  | 82.40%  | 1,099                                 | 0  | 0.00%  | 215                       | 16.31% | 4   | 0.30% |
| #193 Perioperative Temperature Management  | 694,650                          | 653,557  | 94.08%  | 666,812                               | 0  | 0.00%  | 25,556                    | 3.68%  | 2,419   | 0.35% |
| #194 Oncology: Cancer Stage Documented   | 31,967                           | 29,495   | 92.27%  | 29,578                                | 0  | 0.00%  | 2,196                     | 6.87%  | 177   | 0.55% |
| #195 Radiology: Stenosis Measurement in Carotid Imaging Reports  | 131,209                          | 122,247  | 93.17%  | 122,473                               | 0  | 0.00%  | 8,148                     | 6.21%  | 611   | 0.47% |
| #201 Ischemic Vascular Disease (IVD): Blood Pressure Management Control  | 70,268                           | 52,695   | 74.99%  | 57,120                                | 0  | 0.00%  | 12,898                    | 18.36% | 352   | 0.50% |
| #204 Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic   | 75,284                           | 67,548   | 89.72%  | 67,548                                | 0  | 0.00%  | 7,359                     | 9.77%  | 351   | 0.47% |
| #225 Radiology: Reminder System for Mammograms   | 293,104                          | 279,863  | 95.48%  | 279,863                               | 344  | 0.12%  | 12,294                    | 4.19%  | 904   | 0.31% |
| #226 Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention  | 1,219,147                        | 1,169,908  | 95.96%  | 1,173,336                             | 3  | 0.00%  | 39,587                    | 3.25%  | 6,708   | 0.55% |
| #231 Asthma: Tobacco Use: Screening - Ambulatory Care Setting  | 950                              | 43   | 4.53%   | 43                                    | 824  | 86.74% | 759                       | 79.89% | 0   | 0.00% |
| #232 Asthma: Tobacco Use: Intervention - Ambulatory Care Setting   | 8,275                            | 29   | 0.35%   | 104                                   | 7,219  | 87.24% | 7,941                     | 95.96% | 1   | 0.01% |
| #235 Hypertension (HTN): Plan of Care  | 13,454                           | 15   | 0.11%   | 12,421                                | 0  | 0.00%  | 996                       | 7.40%  | 34  | 0.25% |
| #241 Ischemic Vascular Disease (IVD): Complete Lipid Panel and Low Density Lipoprotein (LDL-C) Control                                       | 54,340                           | 34,855   | 64.14%  | 47,382                                | 0  | 0.00%  | 6,715                     | 12.36% | 265   | 0.49% |
| #245 Chronic Wound Care: Use of Wound Surface Culture Technique in Patients with Chronic Skin Ulcers   | 131                              | 125  | 95.42%  | 125                                   | 0  | 0.00%  | 6                         | 4.58%  | 0   | 0.00% |
| #246 Chronic Wound Care: Use of Wet to Dry Dressings in Patients with Chronic Skin Ulcers  | 56                               | 42   | 75.00%  | 42                                    | 0  | 0.00%  | 12                        | 21.43% | 0   | 0.00% |
| #247 Substance Use Disorders: Counseling Regarding Psychosocial and Pharmacologic Treatment Options for Alcohol Dependence                   | 0                                | 0  | 0.00%   | 0                                     | 0  | 0.00%  | 0                         | 0.00%  | 0   | 0.00% |

| Measure   | QDC Submission Attempts          |  |               |                                       | Denominator Mismatch <sup>c</sup>                              |              |                           |              |   |              |
|---|----------------------------------|--|---------------|---------------------------------------|--|--------------|---------------------------|--------------|---|--------------|
|   | Total QDCs Reported <sup>a</sup> | Total Valid QDCs Reported on Eligible Cases <sup>b</sup> | % Valid       | Total QDCs Reported on Eligible Cases | Measure Reported with Incorrect Age and/or Gender <sup>d</sup> |              | Incorrect DX and/or HCPCS |              | Measure Reported on an Instance with a Missing CPT Code |              |
|   |                                  |  |               |                                       | #  | %            | #                         | %            | #   | %            |
| #248 Substance Use Disorders: Screening for Depression Among Patients with Substance Abuse or Dependence                        | 309                              | 10   | 3.24%         | 10                                    | 0  | 0.00%        | 295                       | 95.47%       | 0   | 0.00%        |
| #249 Barrett's Esophagus  | 5,604                            | 4,714  | 84.12%        | 4,714                                 | 0  | 0.00%        | 803                       | 14.33%       | 75  | 1.34%        |
| #250 Radical Prostatectomy Pathology Reporting  | 1,194                            | 1,074  | 89.95%        | 1,074                                 | 0  | 0.00%        | 86                        | 7.20%        | 34  | 2.85%        |
| #251 Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients | 2,934                            | 2,429  | 82.79%        | 2,429                                 | 0  | 0.00%        | 461                       | 15.71%       | 52  | 1.77%        |
| #252 Anticoagulation for Acute Pulmonary Embolus Patients   | 75                               | 71   | 94.67%        | 71                                    | 0  | 0.00%        | 3                         | 4.00%        | 1   | 1.33%        |
| #253 Pregnancy Test for Female Abdominal Pain Patients  | 1,313                            | 1,215  | 92.54%        | 1,215                                 | 19   | 1.45%        | 94                        | 7.16%        | 3   | 0.23%        |
| #254 Ultrasound Determination of Pregnancy Location for Pregnant Patients with Abdominal Pain                                   | 27                               | 4  | 14.81%        | 4                                     | 0  | 0.00%        | 2                         | 7.41%        | 0   | 0.00%        |
| #255 Rh Immunoglobulin (Rhogam) for Rh-Negative Pregnant Women at Risk of Fetal Blood Exposure                                  | 10                               | 0  | 0.00%         | 0                                     | 0  | 0.00%        | 5                         | 50.00%       | 1   | 10.00%       |
| #261 Referral for Otologic Evaluation for Patients with Acute or Chronic Dizziness  | 33                               | 33   | 100.00%       | 33                                    | 0  | 0.00%        | 0                         | 0.00%        | 0   | 0.00%        |
| #262 Image Confirmation of Successful Excision of Image-Localized Breast Lesion   | 48                               | 38   | 79.17%        | 38                                    | 0  | 0.00%        | 9                         | 18.75%       | 1   | 2.08%        |
| #263 Preoperative Diagnosis of Breast Cancer  | 28                               | 22   | 78.57%        | 22                                    | 0  | 0.00%        | 3                         | 10.71%       | 2   | 7.14%        |
| #266 Epilepsy: Seizure Type(s) and Current Seizure Frequency(ies)   | 372                              | 343  | 92.20%        | 343                                   | 0  | 0.00%        | 28                        | 7.53%        | 1   | 0.27%        |
| #267 Epilepsy: Documentation of Etiology of Epilepsy or Epilepsy Syndrome   | 214                              | 193  | 90.19%        | 193                                   | 0  | 0.00%        | 21                        | 9.81%        | 0   | 0.00%        |
| #268 Epilepsy: Counseling for Women of Childbearing Potential with Epilepsy   | 34                               | 18   | 52.94%        | 18                                    | 18   | 52.94%       | 15                        | 44.12%       | 0   | 0.00%        |
| #317 Preventive Care and Screening: Screening for High Blood Pressure   | 20,318                           | 19,060   | 93.81%        | 19,060                                | 0  | 0.00%        | 510                       | 2.51%        | 748   | 3.68%        |
| <b>Total</b>  | <b>17,175,096</b>                | <b>15,354,513</b>  | <b>89.40%</b> | <b>15,484,523</b>                     | <b>342,460</b>   | <b>1.99%</b> | <b>1,567,712</b>          | <b>9.13%</b> | <b>101,151</b>  | <b>0.59%</b> |

<sup>a</sup> The number of instances where a TIN/NPI submitted a QDC for that measure.

<sup>b</sup> The number of instances where a TIN/NPI submitted a valid QDC for that measure.

<sup>c</sup> The number of occurrences of QDC reporting where the QDC does not match the denominator requirements for the measure.

<sup>d</sup> The number of occurrences of QDC reporting where the QDC does not match the demographic requirements for the measure.

Note: CMMI demonstration participants are excluded from this report.

Note: Group Practice Reporting participants are excluded from this report.