

MIPS 2017 Benchmark Results

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Diabetes: Hemoglobin A1c Poor Control	1	Claims	Outcome	Y	35.00 - 25.72	25.71 - 20.32	20.31 - 16.23	16.22 - 13.05	13.04 - 10.01	10.00 - 7.42	7.41 - 4.01	<= 4.00	No
Diabetes: Hemoglobin A1c Poor Control	1	EHR	Outcome	Y	54.67 - 35.91	35.90 - 25.63	25.62 - 19.34	19.33 - 14.15	14.14 - 9.10	9.09 - 3.34	3.33 - 0.01	0	No
Diabetes: Hemoglobin A1c Poor Control	1	Registry/QCQR	Outcome	Y	83.10 - 68.19	68.18 - 53.14	53.13 - 40.66	40.65 - 30.20	30.19 - 22.74	22.73 - 16.82	16.81 - 10.33	<= 10.32	No
Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	100	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Colorectal Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	100	Registry/QCQR	Process	Y	83.96 - 96.96	96.97 - 99.99	--	--	--	--	--	100	Yes
Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients	102	Registry/QCQR	Process	Y	42.12 - 54.99	55.00 - 71.72	71.73 - 82.13	82.14 - 99.46	99.47 - 99.99	--	--	100	No
Prostate Cancer: Adjuvant Hormonal Therapy for High Risk Prostate Cancer Patients	104	Registry/QCQR	Process	Y	77.31 - 80.64	80.65 - 91.19	91.20 - 96.66	96.67 - 98.82	98.83 - 99.99	--	--	100	Yes
Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	107	EHR	Process	Y	53.85 - 64.74	64.75 - 70.90	70.91 - 86.68	86.69 - 89.31	89.32 - 92.90	92.91 - 96.54	96.55 - 98.67	>= 98.68	No
Osteoarthritis (OA): Function and Pain Assessment	109	Claims	Process	Y	80.92 - 94.14	94.15 - 98.67	98.68 - 99.99	--	--	--	--	100	Yes
Osteoarthritis (OA): Function and Pain Assessment	109	Registry/QCQR	Process	Y	5.16 - 14.84	14.85 - 37.78	37.79 - 65.33	65.34 - 88.04	88.05 - 97.81	97.82 - 99.99	--	100	No
Preventive Care and Screening: Influenza Immunization	110	Claims	Process	Y	22.64 - 31.75	31.76 - 43.13	43.14 - 54.68	54.69 - 66.38	66.39 - 77.47	77.48 - 92.03	92.04 - 99.99	100	No
Preventive Care and Screening: Influenza Immunization	110	EHR	Process	Y	11.22 - 18.57	18.58 - 24.99	25.00 - 31.84	31.85 - 38.92	38.93 - 47.86	47.87 - 59.99	60.00 - 79.01	>= 79.02	No
Preventive Care and Screening: Influenza Immunization	110	Registry/QCQR	Process	Y	11.57 - 21.39	21.40 - 31.39	31.40 - 41.31	41.32 - 51.13	51.14 - 62.04	62.05 - 74.27	74.28 - 91.83	>= 91.84	No
Pneumonia Vaccination Status for Older Adults	111	Claims	Process	Y	39.78 - 51.32	51.33 - 61.67	61.68 - 70.47	70.48 - 77.77	77.78 - 84.49	84.50 - 91.99	92.00 - 99.06	>= 99.07	No
Pneumonia Vaccination Status for Older Adults	111	EHR	Process	Y	14.13 - 23.25	23.26 - 33.02	33.03 - 43.58	43.59 - 53.96	53.97 - 63.60	63.61 - 74.54	74.55 - 85.52	>= 85.53	No
Pneumonia Vaccination Status for Older Adults	111	Registry/QCQR	Process	Y	12.24 - 24.02	24.03 - 36.34	36.35 - 48.51	48.52 - 58.95	58.96 - 68.05	68.06 - 77.77	77.78 - 90.19	>= 90.20	No
Breast Cancer Screening	112	Claims	Process	Y	38.46 - 48.01	48.02 - 55.67	55.68 - 62.78	62.79 - 69.41	69.42 - 77.18	77.19 - 87.87	87.88 - 98.52	>= 98.53	No
Breast Cancer Screening	112	EHR	Process	Y	12.41 - 22.21	22.22 - 32.30	32.31 - 40.86	40.87 - 47.91	47.92 - 55.25	55.26 - 63.06	63.07 - 73.22	>= 73.23	No
Breast Cancer Screening	112	Registry/QCQR	Process	Y	14.49 - 24.52	24.53 - 35.70	35.71 - 46.01	46.02 - 55.06	55.07 - 63.67	63.68 - 74.06	74.07 - 87.92	>= 87.93	No
Colorectal Cancer Screening	113	Claims	Process	Y	29.50 - 42.36	42.37 - 53.84	53.85 - 64.40	64.41 - 75.40	75.41 - 84.67	84.68 - 93.13	93.14 - 99.99	100	No
Colorectal Cancer Screening	113	EHR	Process	Y	7.35 - 15.97	15.98 - 24.66	24.67 - 33.45	33.46 - 44.39	44.40 - 56.19	56.20 - 67.91	67.92 - 82.28	>= 82.29	No
Colorectal Cancer Screening	113	Registry/QCQR	Process	Y	10.08 - 20.68	20.69 - 32.73	32.74 - 45.20	45.21 - 55.95	55.96 - 66.31	66.32 - 77.01	77.02 - 88.14	>= 88.15	No
Avoidance of Antibiotic Treatment in Adults With Acute Bronchitis	116	Registry/QCQR	Process	Y	23.19 - 31.47	31.48 - 63.74	63.75 - 99.99	--	--	--	--	100	Yes
Diabetes: Eye Exam	117	Claims	Process	Y	86.36 - 97.77	97.78 - 99.99	--	--	--	--	--	100	Yes
Diabetes: Eye Exam	117	EHR	Process	Y	50.57 - 80.68	80.69 - 90.05	90.06 - 94.11	94.12 - 96.66	96.67 - 98.57	98.58 - 99.99	--	100	No
Diabetes: Eye Exam	117	Registry/QCQR	Process	Y	69.39 - 89.68	89.69 - 95.95	95.96 - 98.72	98.73 - 99.99	--	--	--	100	Yes
Coronary Artery Disease (CAD): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy - Diabetes or Left Ventricular Systolic Dysfunction (LVEF < 40%)	118	Registry/QCQR	Process	Y	71.03 - 74.18	74.19 - 76.51	76.52 - 78.94	78.95 - 81.10	81.11 - 83.99	84.00 - 87.79	87.80 - 95.99	>= 96.00	No
Diabetes: Medical Attention for Nephropathy	119	Claims	Process	Y	61.76 - 73.84	73.85 - 82.49	82.50 - 88.88	88.89 - 93.64	93.65 - 97.21	97.22 - 99.99	--	100	No
Diabetes: Medical Attention for Nephropathy	119	EHR	Process	Y	66.67 - 72.91	72.92 - 78.12	78.13 - 82.26	82.27 - 86.12	86.13 - 89.95	89.96 - 93.32	93.33 - 96.63	>= 96.64	No
Diabetes: Medical Attention for Nephropathy	119	Registry/QCQR	Process	Y	66.24 - 73.41	73.42 - 79.16	79.17 - 83.01	83.02 - 86.95	86.96 - 90.47	90.48 - 94.51	94.52 - 99.70	>= 99.71	No
Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	12	Claims	Process	Y	99.01 - 99.99	--	--	--	--	--	--	100	Yes
Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	12	EHR	Process	Y	73.33 - 82.41	82.42 - 87.39	87.40 - 90.90	90.91 - 94.16	94.17 - 96.57	96.58 - 98.25	98.26 - 99.57	>= 99.58	No
Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	12	Registry/QCQR	Process	Y	95.07 - 98.10	98.11 - 99.35	99.36 - 99.99	--	--	--	--	100	Yes
Adult Kidney Disease: Laboratory Testing (Lipid Profile)	121	Registry/QCQR	Process	Y	20.00 - 34.26	34.27 - 45.70	45.71 - 58.96	58.97 - 69.48	69.49 - 78.60	78.61 - 90.15	90.16 - 99.99	100	No
Adult Kidney Disease: Blood Pressure Management	122	Registry/QCQR	Outcome	Y	60.62 - 67.49	67.50 - 75.46	75.47 - 87.87	87.88 - 94.33	94.34 - 96.35	96.36 - 97.77	97.78 - 99.74	>= 99.75	No
Diabetes Mellitus: Diabetic Foot and Ankle Care, Peripheral Neuropathy - Neurological Evaluation	126	Registry/QCQR	Process	Y	10.34 - 18.46	18.47 - 28.94	28.95 - 41.66	41.67 - 60.23	60.24 - 75.20	75.21 - 89.89	89.90 - 99.99	100	No
Diabetes Mellitus: Diabetic Foot and Ankle Care, Ulcer Prevention - Evaluation of Footwear	127	Registry/QCQR	Process	Y	4.26 - 11.10	11.11 - 22.80	22.81 - 39.99	40.00 - 61.69	61.70 - 79.56	79.57 - 93.74	93.75 - 99.99	100	No
Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	128	Claims	Process	Y	41.33 - 45.76	45.77 - 51.46	51.47 - 66.43	66.44 - 90.09	90.10 - 98.60	98.61 - 99.99	--	100	No
Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	128	EHR	Process	Y	28.73 - 31.80	31.81 - 34.45	34.46 - 37.23	37.24 - 40.19	40.20 - 43.64	43.65 - 48.75	48.76 - 68.18	>= 68.19	No
Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	128	Registry/QCQR	Process	Y	39.80 - 45.63	45.64 - 50.91	50.92 - 56.68	56.69 - 64.88	64.89 - 75.81	75.82 - 87.12	87.13 - 97.33	>= 97.34	No
Documentation of Current Medications in the Medical Record	130	Claims	Process	Y	96.11 - 98.73	98.74 - 99.64	99.65 - 99.99	--	--	--	--	100	Yes
Documentation of Current Medications in the Medical Record	130	EHR	Process	Y	76.59 - 87.88	87.89 - 92.73	92.74 - 95.35	95.36 - 97.08	97.09 - 98.27	98.28 - 99.12	99.13 - 99.75	>= 99.76	Yes
Documentation of Current Medications in the Medical Record	130	Registry/QCQR	Process	Y	61.27 - 82.11	82.12 - 91.71	91.72 - 96.86	96.87 - 99.30	99.31 - 99.99	--	--	100	Yes
Pain Assessment and Follow-Up	131	Claims	Process	Y	75.66 - 95.78	95.79 - 99.33	99.34 - 99.99	--	--	--	--	100	Yes
Pain Assessment and Follow-Up	131	Registry/QCQR	Process	Y	8.91 - 26.13	26.14 - 50.11	50.12 - 72.57	72.58 - 91.42	91.43 - 99.02	99.03 - 99.99	--	100	No
Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	134	Claims	Process	Y	11.54 - 30.67	30.68 - 62.08	62.09 - 94.03	94.04 - 99.45	99.46 - 99.99	--	--	100	No
Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	134	EHR	Process	Y	1.22 - 2.93	2.94 - 5.93	5.94 - 11.09	11.10 - 17.87	17.88 - 30.29	30.30 - 51.32	51.33 - 72.63	>= 72.64	No
Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	134	Registry/QCQR	Process	Y	2.01 - 5.26	5.27 - 14.88	14.89 - 32.90	32.91 - 50.42	50.43 - 64.99	65.00 - 85.25	85.26 - 99.99	100	No
Melanoma: Continuity of Care - Recall System	137	Registry/QCQR	Structure	Y	53.73 - 75.75	75.76 - 88.45	88.46 - 98.07	98.08 - 99.99	--	--	--	100	No

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Melanoma: Coordination of Care	138	Registry/QCQR	Process	Y	35.19 - 66.66	66.67 - 88.88	88.89 - 96.54	96.55 - 99.99	--	--	--	100	Yes
Age-Related Macular Degeneration (AMD): Dilated Macular Examination	14	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Age-Related Macular Degeneration (AMD): Dilated Macular Examination	14	Registry/QCQR	Process	Y	31.01 - 55.12	55.13 - 77.24	77.25 - 91.17	91.18 - 98.18	98.19 - 99.99	--	--	100	No
Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement	140	Claims	Process	Y	97.50 - 99.99	--	--	--	--	--	--	100	Yes
Age-Related Macular Degeneration (AMD): Counseling on Antioxidant Supplement	140	Registry/QCQR	Process	Y	32.26 - 48.38	48.39 - 65.54	65.55 - 78.94	78.95 - 89.99	90.00 - 97.43	97.44 - 99.99	--	100	No
Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care	141	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Primary Open-Angle Glaucoma (POAG): Reduction of Intraocular Pressure (IOP) by 15% OR Documentation of a Plan of Care	141	Registry/QCQR	Process	Y	78.95 - 93.68	93.69 - 98.03	98.04 - 99.75	99.76 - 99.99	--	--	--	100	Yes
Oncology: Medical and Radiation - Pain Intensity Quantified	143	EHR	Process	Y	--	--	--	--	--	--	--	100	Yes
Oncology: Medical and Radiation - Pain Intensity Quantified	143	Registry/QCQR	Process	Y	35.53 - 76.18	76.19 - 82.13	82.14 - 90.20	90.21 - 96.76	96.77 - 99.99	--	--	100	No
Oncology: Medical and Radiation - Plan of Care for Pain	144	Registry/QCQR	Process	Y	33.64 - 48.19	48.20 - 66.91	66.92 - 78.41	78.42 - 85.83	85.84 - 99.11	99.12 - 99.99	--	100	No
Radiology: Exposure Time Reported for Procedures Using Fluoroscopy	145	Claims	Process	Y	69.33 - 83.10	83.11 - 89.99	90.00 - 93.80	93.81 - 96.13	96.14 - 97.82	97.83 - 99.77	99.78 - 99.99	100	No
Radiology: Exposure Time Reported for Procedures Using Fluoroscopy	145	Registry/QCQR	Process	Y	67.86 - 77.99	78.00 - 84.61	84.62 - 89.77	89.78 - 93.41	93.42 - 96.66	96.67 - 99.59	99.60 - 99.99	100	No
Radiology: Inappropriate Use of "Probably Benign" Assessment Category in Mammography Screening	146	Claims	Process	Y	0.31 - 0.01	--	--	--	--	--	--	0	Yes
Radiology: Inappropriate Use of "Probably Benign" Assessment Category in Mammography Screening	146	Registry/QCQR	Process	Y	4.77 - 2.75	2.74 - 1.25	1.24 - 0.52	0.51 - 0.15	0.14 - 0.01	--	--	0	Yes
Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy	147	Claims	Structure	Y	50.00 - 65.37	65.38 - 77.77	77.78 - 86.95	86.96 - 93.74	93.75 - 96.96	96.97 - 99.99	--	100	No
Nuclear Medicine: Correlation with Existing Imaging Studies for All Patients Undergoing Bone Scintigraphy	147	Registry/QCQR	Structure	Y	59.52 - 71.10	71.11 - 83.09	83.10 - 91.66	91.67 - 96.54	96.55 - 99.33	99.34 - 99.99	--	100	No
Falls: Risk Assessment	154	Claims	Process	Y	88.89 - 98.75	98.76 - 99.99	--	--	--	--	--	100	Yes
Falls: Risk Assessment	154	Registry/QCQR	Process	Y	7.81 - 19.99	20.00 - 38.12	38.13 - 57.62	57.63 - 84.16	84.17 - 99.82	99.83 - 99.99	--	100	No
Falls: Plan of Care	155	Claims	Process	Y	34.78 - 55.55	55.56 - 86.26	86.27 - 99.11	99.12 - 99.99	--	--	--	100	Yes
Falls: Plan of Care	155	Registry/QCQR	Process	Y	20.00 - 41.43	41.44 - 62.11	62.12 - 75.44	75.45 - 85.99	86.00 - 93.32	93.33 - 98.07	98.08 - 99.99	100	No
Oncology: Radiation Dose Limits to Normal Tissues	156	Registry/QCQR	Process	Y	93.10 - 96.76	96.77 - 97.72	97.73 - 99.99	--	--	--	--	100	Yes
Diabetes: Foot Exam	163	Claims	Process	Y	37.84 - 54.28	54.29 - 71.87	71.88 - 86.51	86.52 - 96.66	96.67 - 99.99	--	--	100	No
Diabetes: Foot Exam	163	EHR	Process	Y	5.31 - 10.90	10.91 - 19.99	20.00 - 29.26	29.27 - 38.77	38.78 - 50.09	50.10 - 62.60	62.61 - 76.16	>= 76.17	No
Diabetes: Foot Exam	163	Registry/QCQR	Process	Y	6.14 - 14.70	14.71 - 25.57	25.58 - 39.80	39.81 - 55.87	55.88 - 72.21	72.22 - 86.43	86.44 - 98.03	>= 98.04	No
Coronary Artery Bypass Graft (CABG): Prolonged Intubation	164	Registry/QCQR	Outcome	Y	12.16 - 10.65	10.64 - 9.29	9.28 - 7.56	7.55 - 6.30	6.29 - 4.97	4.96 - 3.59	3.58 - 1.83	<= 1.82	No
Coronary Artery Bypass Graft (CABG): Deep Sternal Wound Infection Rate	165	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Coronary Artery Bypass Graft (CABG): Stroke	166	Registry/QCQR	Outcome	Y	2.41 - 1.96	1.95 - 1.39	1.38 - 0.88	0.87 - 0.01	--	--	--	0	Yes
Coronary Artery Bypass Graft (CABG): Postoperative Renal Failure	167	Registry/QCQR	Outcome	Y	3.70 - 3.04	3.03 - 2.48	2.47 - 1.91	1.90 - 1.38	1.37 - 0.30	0.29 - 0.01	--	0	Yes
Coronary Artery Bypass Graft (CABG): Surgical Re-Exploration	168	Registry/QCQR	Outcome	Y	3.60 - 2.79	2.78 - 2.09	2.08 - 1.63	1.62 - 1.25	1.24 - 0.90	0.89 - 0.01	--	0	Yes
Hemodialysis Vascular Access Decision-Making by Surgeon to Maximize Placement of Autogenous Arterial Venous (AV) Fistula	172	Claims	Process	Y	88.54 - 95.44	95.45 - 99.99	--	--	--	--	--	100	Yes
Preventive Care and Screening: Unhealthy Alcohol Use - Screening	173	Registry/QCQR	Process	Y	48.93 - 62.39	62.40 - 71.86	71.87 - 80.71	80.72 - 88.21	88.22 - 94.43	94.44 - 98.48	98.49 - 99.99	100	No
Rheumatoid Arthritis (RA): Functional Status Assessment	178	Registry/QCQR	Process	Y	27.99 - 45.95	45.96 - 64.17	64.18 - 74.46	74.47 - 81.36	81.37 - 87.82	87.83 - 92.34	92.35 - 99.71	>= 99.72	No
Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy	18	EHR	Process	Y	31.69 - 41.32	41.33 - 49.99	50.00 - 56.97	56.98 - 64.17	64.18 - 70.58	70.59 - 76.97	76.98 - 85.15	>= 85.16	No
Elder Maltreatment Screen and Follow-Up Plan	181	Claims	Process	Y	7.69 - 91.72	91.73 - 99.27	99.28 - 99.99	--	--	--	--	100	Yes
Elder Maltreatment Screen and Follow-Up Plan	181	Registry/QCQR	Process	Y	28.80 - 42.30	42.31 - 51.95	51.96 - 67.46	67.47 - 85.94	85.95 - 97.24	97.25 - 99.65	99.66 - 99.99	100	No
Functional Outcome Assessment	182	Claims	Process	Y	98.46 - 99.90	99.91 - 99.99	--	--	--	--	--	100	Yes
Functional Outcome Assessment	182	Registry/QCQR	Process	Y	94.35 - 97.47	97.48 - 99.20	99.21 - 99.99	--	--	--	--	100	Yes
Colonoscopy Interval for Patients with a History of Adenomatous Polyps Avoidance of Inappropriate Use National Quality Strategy Domain: Communication and Care Coordination	185	Claims	Process	Y	98.82 - 99.99	--	--	--	--	--	--	100	Yes
Colonoscopy Interval for Patients with a History of Adenomatous Polyps Avoidance of Inappropriate Use National Quality Strategy Domain: Communication and Care Coordination	185	Registry/QCQR	Process	Y	81.08 - 88.67	88.68 - 93.23	93.24 - 96.19	96.20 - 98.27	98.28 - 99.99	--	--	100	Yes
Stroke and Stroke Rehabilitation: Thrombolytic Therapy	187	Registry/QCQR	Outcome	Y	14.55 - 34.99	35.00 - 43.74	43.75 - 52.37	52.38 - 66.66	66.67 - 76.24	76.25 - 96.66	96.67 - 99.99	100	No
Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	19	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	19	EHR	Process	Y	20.00 - 29.78	29.79 - 38.35	38.36 - 45.70	45.71 - 52.53	52.54 - 60.79	60.80 - 68.80	68.81 - 79.30	>= 79.31	No
Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	19	Registry/QCQR	Process	Y	36.21 - 59.99	60.00 - 78.56	78.57 - 89.80	89.81 - 96.22	96.23 - 99.99	--	--	100	No
Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery	191	EHR	Outcome	Y	86.61 - 91.42	91.43 - 94.43	94.44 - 96.07	96.08 - 97.35	97.36 - 98.30	98.31 - 99.24	99.25 - 99.99	100	No
Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery	191	Registry/QCQR	Outcome	Y	42.89 - 59.56	59.57 - 83.17	83.18 - 91.52	91.53 - 94.84	94.85 - 96.79	96.80 - 99.25	99.26 - 99.99	100	No
Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures	192	EHR	Outcome	Y	0.92 - 0.43	0.42 - 0.01	--	--	--	--	--	0	Yes

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Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures	192	Registry/QCQR	Outcome	Y	1.60 - 0.75	0.74 - 0.24	0.23 - 0.01	--	--	--	--	0	Yes
Perioperative Temperature Management	193	Claims	Outcome	Y	92.50 - 95.82	95.83 - 97.64	97.65 - 98.71	98.72 - 99.45	99.46 - 99.99	--	--	100	Yes
Perioperative Temperature Management	193	Registry/QCQR	Outcome	Y	98.18 - 99.99	--	--	--	--	--	--	100	Yes
Oncology: Cancer Stage Documented	194	Registry/QCQR	Process	Y	5.00 - 9.81	9.82 - 23.88	23.89 - 62.49	62.50 - 83.01	83.02 - 94.86	94.87 - 99.82	99.83 - 99.99	100	No
Radiology: Stenosis Measurement in Carotid Imaging Reports	195	Claims	Process	Y	78.57 - 87.49	87.50 - 92.49	92.50 - 95.78	95.79 - 97.66	97.67 - 99.62	99.63 - 99.99	--	100	Yes
Radiology: Stenosis Measurement in Carotid Imaging Reports	195	Registry/QCQR	Process	Y	82.98 - 90.90	90.91 - 94.49	94.50 - 96.76	96.77 - 98.40	98.41 - 99.99	--	--	100	Yes
Diabetes: Low Density Lipoprotein (LDL-C) Control (<100 mg/dL)	2	EHR	Outcome	Y	20.83 - 29.47	29.48 - 35.99	36.00 - 42.44	42.45 - 48.17	48.18 - 54.03	54.04 - 60.33	60.34 - 69.35	>= 69.36	No
Diabetes: Low Density Lipoprotein (LDL-C) Control (<100 mg/dL)	2	Registry/QCQR	Outcome	Y	0.83 - 1.06	1.07 - 1.35	1.36 - 1.82	1.83 - 2.51	2.52 - 3.53	3.54 - 6.45	6.46 - 25.57	>= 25.58	No
Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic	204	Claims	Process	Y	84.09 - 87.17	87.18 - 89.46	89.47 - 91.29	91.30 - 93.05	93.06 - 94.99	95.00 - 96.76	96.77 - 99.99	100	No
Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic	204	EHR	Process	Y	55.21 - 63.76	63.77 - 69.99	70.00 - 74.99	75.00 - 78.78	78.79 - 81.99	82.00 - 85.03	85.04 - 88.69	>= 88.70	No
Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic	204	Registry/QCQR	Process	Y	68.03 - 75.75	75.76 - 80.76	80.77 - 84.61	84.62 - 87.92	87.93 - 90.94	90.95 - 94.73	94.74 - 99.99	100	No
Perioperative Care: Selection of Prophylactic Antibiotic - First OR Second Generation Cephalosporin	21	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Perioperative Care: Selection of Prophylactic Antibiotic - First OR Second Generation Cephalosporin	21	Registry/QCQR	Process	Y	91.17 - 99.10	99.11 - 99.99	--	--	--	--	--	100	Yes
Perioperative Care: Discontinuation of Prophylactic Parenteral Antibiotics (Non-Cardiac Procedures)	22	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Perioperative Care: Discontinuation of Prophylactic Parenteral Antibiotics (Non-Cardiac Procedures)	22	Registry/QCQR	Process	Y	45.69 - 77.37	77.38 - 97.77	97.78 - 99.99	--	--	--	--	100	Yes
Melanoma: Overutilization of Imaging Studies in Melanoma	224	Registry/QCQR	Process	Y	--	--	--	--	--	--	--	100	Yes
Radiology: Reminder System for Screening Mammograms	225	Claims	Structure	Y	89.85 - 98.64	98.65 - 99.99	--	--	--	--	--	100	No
Radiology: Reminder System for Screening Mammograms	225	Registry/QCQR	Structure	Y	99.89 - 99.99	--	--	--	--	--	--	100	Yes
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention	226	Claims	Process	Y	95.60 - 97.85	97.86 - 99.25	99.26 - 99.99	--	--	--	--	100	Yes
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention	226	EHR	Process	Y	72.59 - 81.59	81.60 - 86.68	86.69 - 90.15	90.16 - 92.64	92.65 - 94.67	94.68 - 96.58	96.59 - 98.51	>= 98.52	No
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention	226	Registry/QCQR	Process	Y	76.67 - 85.53	85.54 - 89.87	89.88 - 92.85	92.86 - 95.14	95.15 - 97.21	97.22 - 99.10	99.11 - 99.99	100	No
Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)	23	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)	23	Registry/QCQR	Process	Y	89.74 - 96.66	96.67 - 99.99	--	--	--	--	--	100	Yes
Controlling High Blood Pressure	236	Claims	Process	Y	57.69 - 63.44	63.45 - 68.28	68.29 - 72.78	72.79 - 77.06	77.07 - 81.47	81.48 - 86.75	86.76 - 93.42	>= 93.43	No
Controlling High Blood Pressure	236	EHR	Process	Y	50.00 - 55.39	55.40 - 59.72	59.73 - 63.59	63.60 - 67.38	67.39 - 71.00	71.01 - 75.33	75.34 - 80.89	>= 80.90	No
Controlling High Blood Pressure	236	Registry/QCQR	Process	Y	51.00 - 58.20	58.21 - 63.56	63.57 - 68.27	68.28 - 72.40	72.41 - 76.69	76.70 - 82.75	82.76 - 91.06	>= 91.07	No
Use of High-Risk Medications in the Elderly	238	EHR	Process	Y	26.32 - 21.23	21.22 - 15.75	15.74 - 9.40	9.39 - 3.86	3.85 - 0.91	0.90 - 0.01	--	0	No
Use of High-Risk Medications in the Elderly	238	Registry/QCQR	Process	Y	20.00 - 15.02	15.01 - 10.54	10.53 - 6.23	6.22 - 2.64	2.63 - 1.00	0.99 - 0.29	0.28 - 0.01	0	No
Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	239	EHR	Process	Y	25.72 - 28.72	28.73 - 30.38	30.39 - 31.52	31.53 - 32.30	32.31 - 32.80	32.81 - 33.32	33.33 - 34.94	>= 34.95	No
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	24	Claims	Process	Y	75.00 - 91.29	91.30 - 96.42	96.43 - 99.99	--	--	--	--	100	Yes
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	24	Registry/QCQR	Process	Y	8.00 - 10.33	10.34 - 12.49	12.50 - 17.06	17.07 - 21.87	21.88 - 49.99	50.00 - 82.49	82.50 - 99.99	100	No
Childhood Immunization Status	240	EHR	Process	Y	4.76 - 6.51	6.52 - 9.08	9.09 - 13.00	13.01 - 18.17	18.18 - 23.80	23.81 - 29.32	29.33 - 41.66	>= 41.67	No
Ischemic Vascular Disease (IVD): Complete Lipid Profile and LDL-C Control (<100 mg/dL)	241	EHR	Process	Y	21.62 - 35.70	35.71 - 46.33	46.34 - 53.95	53.96 - 60.37	60.38 - 66.51	66.52 - 73.39	73.40 - 81.89	>= 81.90	No
Ischemic Vascular Disease (IVD): Complete Lipid Profile and LDL-C Control (<100 mg/dL)	241	Registry/QCQR	Process	Y	15.56 - 17.74	17.75 - 19.55	19.56 - 22.23	22.24 - 24.76	24.77 - 30.29	30.30 - 34.76	34.77 - 41.75	>= 41.76	No
Coronary Artery Disease (CAD): Symptom Management	242	Registry/QCQR	Outcome	Y	87.89 - 93.17	93.18 - 95.05	95.06 - 97.23	97.24 - 98.30	98.31 - 99.20	99.21 - 99.99	--	100	Yes
Barrett's Esophagus	249	Claims	Structure	Y	--	--	--	--	--	--	--	100	Yes
Barrett's Esophagus	249	Registry/QCQR	Structure	Y	--	--	--	--	--	--	--	100	Yes
Radical Prostatectomy Pathology Reporting	250	Claims	Structure	Y	--	--	--	--	--	--	--	100	Yes
Quantitative Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients	251	Claims	Structure	Y	--	--	--	--	--	--	--	100	Yes
Quantitative Immunohistochemical (IHC) Evaluation of Human Epidermal Growth Factor Receptor 2 Testing (HER2) for Breast Cancer Patients	251	Registry/QCQR	Structure	Y	--	--	--	--	--	--	--	100	Yes
Image Confirmation of Successful Excision of Image-Localized Breast Lesion	262	Registry/QCQR	Process	Y	--	--	--	--	--	--	--	100	Yes
Preoperative Diagnosis of Breast Cancer	263	Registry/QCQR	Process	Y	97.95 - 98.91	98.92 - 99.99	--	--	--	--	--	100	Yes
Sentinel Lymph Node Biopsy for Invasive Breast Cancer	264	Registry/QCQR	Process	Y	97.01 - 97.99	98.00 - 98.89	98.90 - 99.99	--	--	--	--	100	Yes
Biopsy Follow-Up	265	Registry/QCQR	Process	Y	24.44 - 53.53	53.54 - 78.78	78.79 - 94.99	95.00 - 99.99	--	--	--	100	Yes
Dementia: Cognitive Assessment	281	EHR	Process	Y	5.66 - 17.56	17.57 - 30.76	30.77 - 56.25	56.26 - 78.05	78.06 - 88.13	88.14 - 95.55	95.56 - 99.99	100	No

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Cataracts: Improvement in Patient's Visual Function within 90 Days Following Cataract Surgery	303	Registry/QCQR	Outcome	Y	5.76 - 9.37	9.38 - 23.80	23.81 - 29.87	29.88 - 43.60	43.61 - 56.69	56.70 - 94.33	94.34 - 99.99	100	No
Cataracts: Patient Satisfaction within 90 Days Following Cataract Surgery	304	Registry/QCQR	Outcome	Y	5.32 - 7.68	7.69 - 21.69	21.70 - 26.67	26.68 - 39.60	39.61 - 46.60	46.61 - 83.07	83.08 - 99.99	100	No
Initiation and Engagement of Alcohol and Other Drug Dependence Treatment	305	EHR	Process	Y	0.71 - 0.94	0.95 - 1.20	1.21 - 2.10	2.11 - 2.49	2.50 - 5.12	5.13 - 6.98	6.99 - 12.05	>= 12.06	No
Cervical Cancer Screening	309	EHR	Process	Y	8.89 - 15.08	15.09 - 21.79	21.80 - 28.83	28.84 - 36.66	36.67 - 44.99	45.00 - 54.77	54.78 - 68.99	>= 69.00	No
Cervical Cancer Screening	309	Registry/QCQR	Process	Y	28.95 - 35.91	35.92 - 43.02	43.03 - 45.56	45.57 - 49.25	49.26 - 51.40	51.41 - 53.78	53.79 - 59.23	>= 59.24	No
Chlamydia Screening for Women	310	EHR	Process	Y	8.33 - 12.86	12.87 - 18.17	18.18 - 24.99	25.00 - 33.32	33.33 - 39.99	40.00 - 49.99	50.00 - 61.53	>= 61.54	No
Chlamydia Screening for Women	310	Registry/QCQR	Process	Y	6.06 - 7.18	7.19 - 9.08	9.09 - 10.23	10.24 - 11.53	11.54 - 13.78	13.79 - 18.17	18.18 - 20.86	>= 20.87	No
Use of Appropriate Medications for Asthma	311	EHR	Process	Y	16.67 - 41.02	41.03 - 58.05	58.06 - 69.05	69.06 - 75.48	75.49 - 81.81	81.82 - 87.49	87.50 - 92.97	>= 92.98	No
Use of Imaging Studies for Low Back Pain	312	EHR	Process	Y	83.12 - 90.47	90.48 - 96.14	96.15 - 99.99	--	--	--	--	100	Yes
Use of Imaging Studies for Low Back Pain	312	Registry/QCQR	Process	Y	55.00 - 91.99	92.00 - 99.99	--	--	--	--	--	100	Yes
Preventive Care and Screening: Cholesterol - Fasting Low Density Lipoprotein (LDL-C) Test Performed	316A	EHR	Process	Y	3.06 - 10.17	10.18 - 23.74	23.75 - 36.37	36.38 - 47.57	47.58 - 58.51	58.52 - 67.18	67.19 - 77.47	>= 77.48	No
Preventive Care and Screening: Cholesterol - Fasting Low Density Lipoprotein (LDL-C) Test Performed: AND Risk-Stratified Fasting LDL-C	316B	EHR	Process	Y	69.09 - 73.59	73.60 - 76.39	76.40 - 79.05	79.06 - 81.40	81.41 - 84.05	84.06 - 87.49	87.50 - 92.42	>= 92.43	No
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	317	Claims	Process	Y	42.13 - 50.44	50.45 - 59.06	59.07 - 68.11	68.12 - 78.63	78.64 - 92.67	92.68 - 99.53	99.54 - 99.99	100	No
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	317	EHR	Process	Y	17.90 - 22.55	22.56 - 25.80	25.81 - 28.83	28.84 - 31.69	31.70 - 34.67	34.68 - 38.96	38.97 - 46.26	>= 46.27	No
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	317	Registry/QCQR	Process	Y	24.74 - 35.47	35.48 - 47.87	47.88 - 62.14	62.15 - 71.64	71.65 - 79.36	79.37 - 88.85	88.86 - 98.87	>= 98.88	No
Falls: Screening for Future Fall Risk	318	EHR	Process	Y	6.33 - 17.92	17.93 - 31.98	31.99 - 47.86	47.87 - 63.81	63.82 - 81.04	81.05 - 90.20	90.21 - 98.49	>= 98.50	No
Falls: Screening for Future Fall Risk	318	Registry/QCQR	Process	Y	0.11 - 0.11	0.12 - 0.14	0.15 - 0.20	0.21 - 0.28	0.29 - 0.50	0.51 - 55.23	55.24 - 92.20	>= 92.21	No
Stroke and Stroke Rehabilitation: Discharged on Antithrombotic Therapy	32	Claims	Process	Y	51.16 - 63.63	63.64 - 87.99	88.00 - 96.42	96.43 - 99.99	--	--	--	100	Yes
Stroke and Stroke Rehabilitation: Discharged on Antithrombotic Therapy	32	Registry/QCQR	Process	Y	27.17 - 46.29	46.30 - 67.85	67.86 - 80.85	80.86 - 90.90	90.91 - 96.42	96.43 - 99.99	--	100	No
Endoscopy/Polyp Surveillance: Appropriate Follow-Up Interval for Normal Colonoscopy in Average Risk Patients	320	Claims	Process	Y	90.00 - 95.44	95.45 - 99.99	--	--	--	--	--	100	Yes
Endoscopy/Polyp Surveillance: Appropriate Follow-Up Interval for Normal Colonoscopy in Average Risk Patients	320	Registry/QCQR	Process	Y	81.82 - 90.69	90.70 - 95.44	95.45 - 98.11	98.12 - 99.99	--	--	--	100	Yes
Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Preoperative Evaluation in Low Risk Surgery Patients	322	Registry/QCQR	Efficiency	Y	2.67 - 0.54	0.53 - 0.01	--	--	--	--	--	0	Yes
Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Routine Testing After Percutaneous Coronary Intervention (PCI)	323	Registry/QCQR	Efficiency	Y	1.00 - 0.01	--	--	--	--	--	--	0	Yes
Cardiac Stress Imaging Not Meeting Appropriate Use Criteria: Testing in Asymptomatic, Low-Risk Patients	324	Registry/QCQR	Efficiency	Y	3.38 - 0.79	0.78 - 0.01	--	--	--	--	--	0	Yes
Adult Major Depressive Disorder (MDD): Coordination of Care of Patients with Specific Comorbid Conditions	325	Registry/QCQR	Process	Y	91.30 - 98.50	98.51 - 99.99	--	--	--	--	--	100	Yes
Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy	326	Claims	Process	Y	94.09 - 96.85	96.86 - 99.37	99.38 - 99.99	--	--	--	--	100	Yes
Atrial Fibrillation and Atrial Flutter: Chronic Anticoagulation Therapy	326	Registry/QCQR	Process	Y	20.00 - 39.18	39.19 - 52.33	52.34 - 69.56	69.57 - 76.18	76.19 - 82.49	82.50 - 94.33	94.34 - 99.99	100	No
Stroke and Stroke Rehabilitation: Anticoagulant Therapy Prescribed for Atrial Fibrillation (AF) at Discharge	33	Registry/QCQR	Process	Y	29.55 - 43.18	43.19 - 55.77	55.78 - 73.75	73.76 - 87.79	87.80 - 95.22	95.23 - 99.99	--	100	No
Adult Sinusitis: Antibiotic Prescribed for Acute Sinusitis (Appropriate Use)	331	Registry/QCQR	Process	Y	89.07 - 82.41	82.40 - 71.44	71.43 - 46.46	46.45 - 16.91	16.90 - 0.60	0.59 - 0.01	--	0	No
Adult Sinusitis: Appropriate Choice of Antibiotic: Amoxicillin Prescribed for Patients with Acute Bacterial Sinusitis	332	Registry/QCQR	Process	Y	44.39 - 47.99	48.00 - 51.88	51.89 - 57.57	57.58 - 64.99	65.00 - 72.72	72.73 - 95.99	96.00 - 99.99	100	No
Adult Sinusitis: Computerized Tomography (CT) for Acute Sinusitis (Overuse)	333	Registry/QCQR	Outcome	Y	2.13 - 0.66	0.65 - 0.01	--	--	--	--	--	0	Yes
Adult Sinusitis: More than One Computerized Tomography (CT) Scan Within 90 Days for Chronic Sinusitis (Overuse)	334	Registry/QCQR	Outcome	Y	2.25 - 1.73	1.72 - 1.12	1.11 - 0.01	--	--	--	--	0	Yes
Tuberculosis Prevention for Psoriasis and Psoriatic Arthritis Patients on a Biological Immune Response Modifier	337	Registry/QCQR	Process	Y	6.82 - 16.12	16.13 - 24.13	24.14 - 47.59	47.60 - 90.90	90.91 - 99.99	--	--	100	No
Screening Colonoscopy Adenoma Detection Rate	343	Registry/QCQR	Outcome	Y	29.63 - 38.09	38.10 - 41.85	41.86 - 45.70	45.71 - 48.69	48.70 - 56.51	56.52 - 63.40	63.41 - 80.32	>= 80.33	No
Patient-Centered Surgical Risk Assessment and Communication	358	Registry/QCQR	Process	Y	8.47 - 27.02	27.03 - 78.25	78.26 - 95.23	95.24 - 99.99	--	--	--	100	Yes
Optimizing Patient Exposure to Ionizing Radiation: Utilization of a Standardized Nomenclature for Computerized Tomography (CT) Imaging Description	359	Registry/QCQR	Process	Y	--	--	--	--	--	--	--	100	Yes
Optimizing Patient Exposure to Ionizing Radiation: Computed Tomography (CT) Images Available for Patient Follow-up and Comparison Purposes	362	Registry/QCQR	Structure	Y	--	--	--	--	--	--	--	100	Yes
Optimizing Patient Exposure to Ionizing Radiation: Search for Prior Computed Tomography (CT) Imaging Studies Through a Secure, Authorized, Media-Free, Shared Archive	363	Registry/QCQR	Structure	Y	--	--	--	--	--	--	--	100	Yes
HIV/AIDS: Medical Visit	368	EHR	Process	Y	45.21 - 53.67	53.68 - 59.99	60.00 - 68.05	68.06 - 74.99	75.00 - 80.99	81.00 - 89.57	89.58 - 96.66	>= 96.67	No
Depression Utilization of the PHQ-9 Tool	371	EHR	Process	Y	1.38 - 1.95	1.96 - 2.91	2.92 - 4.29	4.30 - 6.81	6.82 - 12.23	12.24 - 21.20	21.21 - 52.62	>= 52.63	No
Depression Utilization of the PHQ-9 Tool	371	Registry/QCQR	Process	Y	0.27 - 0.34	0.35 - 0.39	0.40 - 0.52	0.53 - 0.60	0.61 - 0.75	0.76 - 0.89	0.90 - 1.43	>= 1.44	No
Hypertension: Improvement in Blood Pressure	373	EHR	Outcome	Y	6.82 - 9.31	9.32 - 11.70	11.71 - 14.40	14.41 - 17.39	17.40 - 21.44	21.45 - 27.61	27.62 - 39.04	>= 39.05	No
Hypertension: Improvement in Blood Pressure	373	Registry/QCQR	Outcome	Y	2.39 - 2.93	2.94 - 3.46	3.47 - 3.92	3.93 - 4.71	4.72 - 5.53	5.54 - 6.74	6.75 - 9.99	>= 10	No
Closing the Referral Loop: Receipt of Specialist Report	374	EHR	Process	Y	2.70 - 6.24	6.25 - 11.46	11.47 - 18.15	18.16 - 25.57	25.58 - 36.95	36.96 - 51.17	51.18 - 71.87	>= 71.88	No
Functional Status Assessment for Knee Replacement	375	EHR	Process	Y	5.36 - 9.51	9.52 - 9.99	10.00 - 43.95	43.96 - 47.82	47.83 - 54.54	54.55 - 66.04	66.05 - 85.18	>= 85.19	No

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Children Who Have Dental Decay or Cavities	378	EHR	Outcome	Y	0.36 - 0.01	--	--	--	--	--	--	0	Yes
Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists	379	EHR	Process	Y	0.79 - 0.96	0.97 - 1.62	1.63 - 2.03	2.04 - 4.26	4.27 - 6.59	6.60 - 7.88	7.89 - 14.28	>= 14.29	No
HIV/AIDS: RNA Control for Patients with HIV	381	EHR	Outcome	Y	19.47 - 27.84	27.85 - 33.42	33.43 - 42.85	42.86 - 76.26	76.27 - 84.99	85.00 - 90.31	90.32 - 92.49	>= 92.50	No
Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment	382	EHR	Process	Y	4.84 - 10.64	10.65 - 16.29	16.30 - 28.56	28.57 - 92.97	92.98 - 98.50	98.51 - 99.33	99.34 - 99.99	100	No
Adherence to Antipsychotic Medications for Individuals with Schizophrenia	383	Registry/QCQR	Outcome	Y	34.78 - 60.50	60.51 - 72.36	72.37 - 80.54	80.55 - 91.99	92.00 - 99.99	--	--	100	No
Cataract Surgery with Intra-Operative Complications (Unplanned Rupture of Posterior Capsule Requiring Unplanned Vitrectomy)	388	Registry/QCQR	Outcome	Y	0.26 - 0.01	--	--	--	--	--	--	0	Yes
Cataract Surgery: Difference Between Planned and Final Refraction	389	Registry/QCQR	Outcome	Y	66.67 - 88.45	88.46 - 94.11	94.12 - 98.09	98.10 - 99.99	--	--	--	100	No
Screening or Therapy for Osteoporosis for Women Aged 65 Years and Older	39	Claims	Process	Y	30.77 - 39.54	39.55 - 46.74	46.75 - 53.96	53.97 - 61.89	61.90 - 70.86	70.87 - 82.53	82.54 - 95.87	>= 95.88	No
Screening or Therapy for Osteoporosis for Women Aged 65 Years and Older	39	Registry/QCQR	Process	Y	13.39 - 16.66	16.67 - 20.39	20.40 - 25.31	25.32 - 33.99	34.00 - 47.94	47.95 - 64.65	64.66 - 82.53	>= 82.54	No
Follow-up After Hospitalization for Mental Illness (FUH)	391	Registry/QCQR	Process	Y	3.81 - 13.63	13.64 - 17.48	17.49 - 46.63	46.64 - 72.33	72.34 - 99.99	--	--	100	No
Lung Cancer Reporting (Biopsy/Cytology Specimens)	395	Claims	Process	Y	91.30 - 97.49	97.50 - 99.99	--	--	--	--	--	100	Yes
Lung Cancer Reporting (Biopsy/Cytology Specimens)	395	Registry/QCQR	Process	Y	93.75 - 99.65	99.66 - 99.99	--	--	--	--	--	100	Yes
Melanoma Reporting	397	Claims	Process	Y	68.33 - 78.42	78.43 - 95.11	95.12 - 99.99	--	--	--	--	100	Yes
Melanoma Reporting	397	Registry/QCQR	Process	Y	47.22 - 92.67	92.68 - 99.99	--	--	--	--	--	100	Yes
Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older	40	Claims	Process	Y	15.00 - 27.99	28.00 - 36.14	36.15 - 49.99	50.00 - 75.30	75.31 - 92.85	92.86 - 99.99	--	100	No
Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older	40	Registry/QCQR	Process	Y	5.00 - 6.95	6.96 - 8.69	8.70 - 16.13	16.14 - 32.78	32.79 - 47.40	47.41 - 65.56	65.57 - 88.88	>= 88.89	No
Hepatitis C: One-Time Screening for Hepatitis C Virus (HCV) for Patients at Risk	400	Registry/QCQR	Process	Y	1.19 - 1.33	1.34 - 1.53	1.54 - 1.71	1.72 - 2.09	2.10 - 2.92	2.93 - 8.32	8.33 - 20.01	>= 20.02	No
Tobacco Use and Help with Quitting Among Adolescents	402	Registry/QCQR	Process	Y	74.10 - 81.15	81.16 - 87.49	87.50 - 90.37	90.38 - 92.72	92.73 - 95.15	95.16 - 97.50	97.51 - 99.99	100	No
Osteoporosis: Pharmacologic Therapy for Men and Women Aged 50 Years and Older	41	Claims	Process	Y	33.33 - 40.45	40.46 - 46.66	46.67 - 58.32	58.33 - 74.50	74.51 - 96.45	96.46 - 99.99	--	100	No
Osteoporosis: Pharmacologic Therapy for Men and Women Aged 50 Years and Older	41	Registry/QCQR	Process	Y	33.33 - 40.43	40.44 - 46.28	46.29 - 52.77	52.78 - 59.25	59.26 - 66.66	66.67 - 75.58	75.59 - 99.99	100	No
Coronary Artery Bypass Graft (CABG): Use of Internal Mammary Artery (IMA) in Patients with Isolated CABG Surgery	43	Registry/QCQR	Process	Y	98.17 - 98.69	98.70 - 99.99	--	--	--	--	--	100	Yes
Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery	44	Claims	Process	Y	96.84 - 99.99	--	--	--	--	--	--	100	Yes
Coronary Artery Bypass Graft (CABG): Preoperative Beta-Blocker in Patients with Isolated CABG Surgery	44	Registry/QCQR	Process	Y	91.14 - 94.99	95.00 - 97.32	97.33 - 98.87	98.88 - 99.99	--	--	--	100	Yes
Medication Reconciliation	46	Claims	Process	Y	96.00 - 98.10	98.11 - 99.99	--	--	--	--	--	100	Yes
Medication Reconciliation	46	Registry/QCQR	Process	Y	91.97 - 98.02	98.03 - 99.99	--	--	--	--	--	100	Yes
Advance Care Plan	47	Claims	Process	Y	13.68 - 34.57	34.58 - 62.86	62.87 - 86.91	86.92 - 97.10	97.11 - 99.59	99.60 - 99.99	--	100	No
Advance Care Plan	47	Registry/QCQR	Process	Y	16.52 - 38.11	38.12 - 59.14	59.15 - 74.99	75.00 - 88.71	88.72 - 96.29	96.30 - 99.17	99.18 - 99.99	100	No
Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older	48	Claims	Process	Y	6.25 - 20.42	20.43 - 64.72	64.73 - 96.76	96.77 - 99.99	--	--	--	100	Yes
Urinary Incontinence: Assessment of Presence or Absence of Urinary Incontinence in Women Aged 65 Years and Older	48	Registry/QCQR	Process	Y	16.31 - 29.03	29.04 - 42.90	42.91 - 57.07	57.08 - 76.52	76.53 - 89.12	89.13 - 96.91	96.92 - 99.99	100	No
Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)	5	EHR	Process	Y	62.16 - 66.66	66.67 - 71.42	71.43 - 74.90	74.91 - 77.60	77.61 - 82.60	82.61 - 85.70	85.71 - 90.90	>= 90.91	No
Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)	5	Registry/QCQR	Process	Y	75.86 - 79.48	79.49 - 82.13	82.14 - 84.99	85.00 - 87.49	87.50 - 89.99	90.00 - 93.53	93.54 - 96.54	>= 96.55	No
Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older	50	Claims	Process	Y	92.86 - 97.02	97.03 - 99.99	--	--	--	--	--	100	Yes
Urinary Incontinence: Plan of Care for Urinary Incontinence in Women Aged 65 Years and Older	50	Registry/QCQR	Process	Y	73.48 - 86.08	86.09 - 94.33	94.34 - 97.66	97.67 - 99.99	--	--	--	100	Yes
Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation	51	Claims	Process	Y	21.61 - 59.99	60.00 - 85.49	85.50 - 96.61	96.62 - 99.99	--	--	--	100	Yes
Chronic Obstructive Pulmonary Disease (COPD): Spirometry Evaluation	51	Registry/QCQR	Process	Y	50.53 - 58.59	58.60 - 69.43	69.44 - 77.97	77.98 - 86.43	86.44 - 93.17	93.18 - 97.65	97.66 - 99.99	100	No
Chronic Obstructive Pulmonary Disease (COPD): Inhaled Bronchodilator Therapy	52	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Chronic Obstructive Pulmonary Disease (COPD): Inhaled Bronchodilator Therapy	52	Registry/QCQR	Process	Y	95.24 - 99.99	--	--	--	--	--	--	100	Yes
Asthma: Pharmacologic Therapy for Persistent Asthma - Ambulatory Care Setting	53	Registry/QCQR	Process	Y	90.16 - 92.85	92.86 - 95.30	95.31 - 96.29	96.30 - 97.43	97.44 - 99.99	--	--	100	Yes
Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Non-Traumatic Chest Pain	54	Claims	Process	Y	95.45 - 96.87	96.88 - 98.03	98.04 - 99.99	--	--	--	--	100	Yes
Emergency Medicine: 12-Lead Electrocardiogram (ECG) Performed for Non-Traumatic Chest Pain	54	Registry/QCQR	Process	Y	95.45 - 98.26	98.27 - 99.55	99.56 - 99.99	--	--	--	--	100	Yes
Coronary Artery Disease (CAD): Antiplatelet Therapy	6	Registry/QCQR	Process	Y	76.92 - 81.75	81.76 - 84.99	85.00 - 87.53	87.54 - 90.22	90.23 - 92.54	92.55 - 95.64	95.65 - 99.99	100	No
Appropriate Treatment for Children with Upper Respiratory Infection (URI)	65	EHR	Process	Y	70.45 - 79.99	80.00 - 87.99	88.00 - 93.05	93.06 - 95.64	95.65 - 97.29	97.30 - 98.96	98.97 - 99.99	100	No
Appropriate Treatment for Children with Upper Respiratory Infection (URI)	65	Registry/QCQR	Process	Y	67.74 - 80.76	80.77 - 91.07	91.08 - 94.74	94.75 - 99.99	--	--	--	100	No
Appropriate Testing for Children with Pharyngitis	66	EHR	Process	Y	38.12 - 52.32	52.33 - 67.64	67.65 - 74.56	74.57 - 80.94	80.95 - 85.70	85.71 - 89.15	89.16 - 94.20	>= 94.21	No

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Hematology: Myelodysplastic Syndrome (MDS) and Acute Leukemias: Baseline Cytogenetic Testing Performed on Bone Marrow	67	Registry/QCQR	Process	Y	95.00 - 96.87	96.88 - 98.69	98.70 - 99.99	--	--	--	--	100	Yes
Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)	7	EHR	Process	Y	61.21 - 71.99	72.00 - 76.62	76.63 - 80.76	80.77 - 84.00	84.01 - 88.88	88.89 - 92.65	92.66 - 98.14	>= 98.15	No
Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)	7	Registry/QCQR	Process	Y	74.51 - 78.56	78.57 - 81.51	81.52 - 84.53	84.54 - 86.97	86.98 - 89.35	89.36 - 92.58	92.59 - 97.91	>= 97.92	No
Hematology: Chronic Lymphocytic Leukemia (CLL): Baseline Flow Cytometry	70	Registry/QCQR	Process	Y	86.52 - 95.23	95.24 - 99.50	99.51 - 99.99	--	--	--	--	100	Yes
Breast Cancer: Hormonal Therapy for Stage IC - IIC Estrogen Receptor/Progesterone Receptor (ER/PR) Positive Breast Cancer	71	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Breast Cancer: Hormonal Therapy for Stage IC - IIC Estrogen Receptor/Progesterone Receptor (ER/PR) Positive Breast Cancer	71	Registry/QCQR	Process	Y	80.49 - 90.78	90.79 - 96.48	96.49 - 98.07	98.08 - 99.99	--	--	--	100	Yes
Prevention of Central Venous Catheter (CVC)-Related Bloodstream Infections	76	Claims	Process	Y	85.71 - 94.28	94.29 - 97.17	97.18 - 99.42	99.43 - 99.99	--	--	--	100	Yes
Prevention of Central Venous Catheter (CVC)-Related Bloodstream Infections	76	Registry/QCQR	Process	Y	89.66 - 95.99	96.00 - 99.99	--	--	--	--	--	100	Yes
Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)	8	EHR	Process	Y	58.62 - 64.70	64.71 - 71.94	71.95 - 78.25	78.26 - 85.50	85.51 - 89.99	90.00 - 91.66	91.67 - 95.99	>= 96.00	No
Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)	8	Registry/QCQR	Process	Y	75.68 - 81.07	81.08 - 85.57	85.58 - 88.43	88.44 - 91.16	91.17 - 94.28	94.29 - 96.36	96.37 - 99.99	100	No
Anti-depressant Medication Management	9	EHR	Process	Y	0.97 - 1.27	1.28 - 1.52	1.53 - 1.84	1.85 - 2.37	2.38 - 3.99	4.00 - 61.47	61.48 - 80.62	>= 80.63	No
Acute Otitis Externa (AOE): Topical Therapy	91	Claims	Process	Y	60.87 - 85.70	85.71 - 96.96	96.97 - 99.99	--	--	--	--	100	Yes
Acute Otitis Externa (AOE): Topical Therapy	91	Registry/QCQR	Process	Y	60.47 - 69.56	69.57 - 78.25	78.26 - 83.01	83.02 - 87.97	87.98 - 93.32	93.33 - 99.99	--	100	No
Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy - Avoidance of Inappropriate Use	93	Claims	Process	Y	94.29 - 95.64	95.65 - 97.29	97.30 - 99.99	--	--	--	--	100	Yes
Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy - Avoidance of Inappropriate Use	93	Registry/QCQR	Process	Y	73.91 - 84.74	84.75 - 90.90	90.91 - 95.82	95.83 - 99.99	--	--	--	100	Yes
Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	99	Claims	Process	Y	--	--	--	--	--	--	--	100	Yes
Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade	99	Registry/QCQR	Process	Y	97.62 - 99.99	--	--	--	--	--	--	100	Yes
Anesthesia Safety in the Peri-Operative Period	ABG 1	Registry/QCQR	Outcome	Y	99.44 - 99.54	99.55 - 99.83	99.84 - 99.99	--	--	--	--	100	Yes
Day of Surgery Case Cancellation Rate	ABG 10	Registry/QCQR	Process	Y	7.71 - 4.20	4.19 - 0.23	0.22 - 0.01	--	--	--	--	0	Yes
Anaphylaxis During Anesthesia Care	ABG 11	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Total Perioperative Cardiac Arrest Rate	ABG 2	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Total Perioperative Mortality Rate	ABG 3	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
QR Fire	ABG 9	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Hypertension (HTN): Blood Pressure (BP) Management	ACCPin 1	Registry/QCQR	Process	Y	80.04 - 84.15	84.16 - 86.65	86.66 - 88.55	88.56 - 89.84	89.85 - 91.05	91.06 - 92.34	92.35 - 93.89	>= 93.90	No
Coronary Artery Disease (CAD): Blood Pressure Control	ACCPin 2	Registry/QCQR	Outcome	Y	81.51 - 85.87	85.88 - 88.51	88.52 - 90.49	90.50 - 91.71	91.72 - 92.90	92.91 - 94.15	94.16 - 95.53	>= 95.54	No
Pregnancy Test for Female Abdominal Pain Patients	ACEP 11	Registry/QCQR	Process	Y	44.35 - 52.67	52.68 - 59.32	59.33 - 67.29	67.30 - 72.62	72.63 - 84.72	84.73 - 87.13	87.14 - 89.23	>= 89.24	No
Three day return rate ED	ACEP 12	Registry/QCQR	Outcome	Y	15.53 - 14.41	14.40 - 13.46	13.45 - 12.01	12.00 - 11.11	11.10 - 10.52	10.51 - 10.11	10.10 - 9.22	<= 9.21	No
Adult Sinusitis: Appropriate Choice of Antibiotic	ACEP 17	Registry/QCQR	Process	Y	47.19 - 51.88	51.89 - 57.13	57.14 - 60.33	60.34 - 62.36	62.37 - 65.25	65.26 - 67.30	67.31 - 73.63	>= 73.64	No
Coagulation Studies in Patients Presenting with Chest Pain with No Coagulopathy or Bleeding	ACEP 3	Registry/QCQR	Process	Y	92.79 - 89.91	89.90 - 87.35	87.34 - 61.63	61.62 - 52.01	52.00 - 42.23	42.22 - 31.98	31.97 - 27.10	<= 27.09	No
Disease Activity Measurement for Patients with Rheumatoid Arthritis (RA)	ACR 1	Registry/QCQR	Process	Y	45.52 - 70.28	70.29 - 76.05	76.06 - 86.10	86.11 - 92.41	92.42 - 99.25	99.26 - 99.99	--	100	No
Functional Status Assessment for Patients with Rheumatoid Arthritis (RA)	ACR 2	Registry/QCQR	Process	Y	42.02 - 62.49	62.50 - 71.04	71.05 - 80.78	80.79 - 86.22	86.23 - 91.68	91.69 - 98.00	98.01 - 99.99	100	No
Disease-Modifying Anti-Rheumatic Drug (DMARD) Therapy for Active Rheumatoid Arthritis (RA)	ACR 3	Registry/QCQR	Process	Y	86.10 - 88.31	88.32 - 90.60	90.61 - 92.79	92.80 - 94.04	94.05 - 94.91	94.92 - 96.29	96.30 - 97.48	>= 97.49	No
Tuberculosis Test Prior to First Course Biologic Therapy	ACR 4	Registry/QCQR	Process	Y	23.08 - 37.92	37.93 - 47.16	47.17 - 55.04	55.05 - 64.28	64.29 - 72.33	72.34 - 84.61	84.62 - 94.96	>= 94.97	No
Glucocorticosteroids and Other Secondary Causes	ACR 5	Registry/QCQR	Process	Y	52.44 - 55.80	55.81 - 63.74	63.75 - 71.67	71.68 - 77.60	77.61 - 84.90	84.91 - 88.88	88.89 - 94.19	>= 94.20	No
Serum Urate Monitoring	ACR 6	Registry/QCQR	Process	Y	26.67 - 36.35	36.36 - 41.66	41.67 - 44.29	44.30 - 54.16	54.17 - 60.86	60.87 - 65.21	65.22 - 73.90	>= 73.91	No
Participation in a National Dose Index Registry	ACRad 14	Registry/QCQR	Process	Y	--	99.68 - 99.91	99.92 - 99.95	99.96 - 99.97	99.98 - 99.99	--	--	100	Yes
CT IV Contrast Extravasation Rate (Low Osmolar Contrast Media)	ACRad 20	Registry/QCQR	Outcome	Y	0.13 - 0.13	--	--	0.12 - 0.01	--	--	--	0	Yes
Screening Mammography Cancer Detection Rate (CDR)	ACRad 3	Registry/QCQR	Outcome	Y	3.54 - 4.32	4.33 - 4.80	4.81 - 5.15	5.16 - 5.47	5.48 - 5.71	5.72 - 6.68	6.69 - 8.10	>= 8.11	No
Screening Mammography Invasive Cancer Detection Rate (ICDR)	ACRad 4	Registry/QCQR	Outcome	Y	2.59 - 2.82	2.83 - 3.51	3.52 - 4.27	4.28 - 4.63	4.64 - 5.17	5.18 - 5.56	5.57 - 6.17	>= 6.18	No
Screening Mammography Abnormal Interpretation Rate (Recall Rate)	ACRad 5	Registry/QCQR	Outcome	Y	13.98 - 11.03	11.02 - 9.94	9.93 - 9.24	9.23 - 8.21	8.20 - 7.22	7.21 - 6.39	6.38 - 5.27	<= 5.26	No
Screening Mammography Positive Predictive Value 2 (PPV2 - Biopsy Recommended)	ACRad 6	Registry/QCQR	Outcome	Y	13.53 - 17.90	17.91 - 20.33	20.34 - 21.54	21.55 - 24.99	25.00 - 28.25	28.26 - 39.46	39.47 - 42.58	>= 42.59	No
Post-Anesthetic Transfer of Care: Use of Checklist or Protocol for Direct Transfer of Care from Procedure Room to Intensive Care Unit (ICU)	AQI 1	Registry/QCQR	Process	Y	98.39 - 99.72	99.73 - 99.99	--	--	--	--	--	100	Yes
Composite Procedural Safety for Central Line Placement	AQI 10	Registry/QCQR	Outcome	Y	99.69 - 99.82	99.83 - 99.99	--	--	--	--	--	100	Yes
Composite Patient Experience Measure	AQI 11	Registry/QCQR	Process	Y	0.25 - 1.29	1.30 - 93.42	93.43 - 98.69	98.70 - 99.47	99.48 - 99.99	--	--	100	Yes
Perioperative Care: Timely Administration of Prophylactic Parenteral Antibiotics	AQI 12	Registry/QCQR	Process	Y	97.75 - 99.23	99.24 - 99.67	99.68 - 99.99	--	--	--	--	100	Yes
Perioperative Temperature Management	AQI 13	Registry/QCQR	Outcome	Y	73.28 - 90.78	90.79 - 95.50	95.51 - 99.16	99.17 - 99.77	99.78 - 99.99	--	--	100	No
Preoperative Use of Aspirin for Patients with Drug-Eluting Coronary Stents	AQI 14	Registry/QCQR	Process	Y	97.10 - 98.47	98.48 - 99.13	99.14 - 99.54	99.55 - 99.78	99.79 - 99.99	--	--	100	Yes
Surgical Safety Checklist - Applicable Safety Checks Completed Before Induction of Anesthesia	AQI 15	Registry/QCQR	Process	Y	99.27 - 99.99	--	--	--	--	--	--	100	Yes
Smoking Abstinence Measure	AQI 16	Registry/QCQR	Outcome	Y	76.56 - 88.93	88.94 - 97.51	97.52 - 98.83	98.84 - 99.38	99.39 - 99.87	99.88 - 99.99	--	100	No

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Corneal Injury Diagnosed in the Post-Anesthesia Care Unit/Recovery Area after Anesthesia Care	AQI 17	Registry/QCQR	Process	Y	99.56 - 99.99	--	--	--	--	--	--	100	Yes
Coronary Artery Bypass Graft (CABG): Prolonged Intubation	AQI 18	Registry/QCQR	Outcome	Y	91.06 - 94.96	94.97 - 98.83	98.84 - 99.63	99.64 - 99.99	--	--	--	100	Yes
Prevention of Post-Operative Nausea and Vomiting (PONV) - Combination Therapy (Adults)	AQI 2	Registry/QCQR	Process	Y	86.43 - 95.07	95.08 - 97.93	97.94 - 98.94	98.95 - 99.57	99.58 - 99.99	--	--	100	Yes
Coronary Artery Bypass Graft (CABG): Postoperative Renal Failure	AQI 20	Registry/QCQR	Outcome	Y	99.06 - 99.84	99.85 - 99.99	--	--	--	--	--	100	Yes
Rate of Postoperative Stroke or Death in Asymptomatic Patients Undergoing Carotid Artery Stenting (CAS)	AQI 21	Registry/QCQR	Outcome	Y	38.75 - 44.99	45.00 - 51.84	51.85 - 57.13	57.14 - 64.70	64.71 - 77.49	77.50 - 83.86	83.87 - 95.82	>= 95.83	No
Total Knee Replacement: Preoperative Antibiotic Infusion with Proximal Tourniquet	AQI 25	Registry/QCQR	Outcome	Y	94.87 - 97.99	98.00 - 99.99	--	--	--	--	--	100	Yes
Prevention of Post-Operative Vomiting (POV) - Combination Therapy (Pediatrics)	AQI 3	Registry/QCQR	Process	Y	80.77 - 95.64	95.65 - 98.99	99.00 - 99.99	--	--	--	--	100	Yes
Anesthesiology: Post-Anesthetic Transfer of Care Measure: Procedure Room to a Post Anesthesia Care Unit	AQI 4	Registry/QCQR	Process	Y	97.00 - 99.46	99.47 - 99.99	--	--	--	--	--	100	Yes
Composite Anesthesia Safety	AQI 5	Registry/QCQR	Outcome	Y	99.40 - 99.58	99.59 - 99.72	99.73 - 99.81	99.82 - 99.90	99.91 - 99.99	--	--	100	Yes
Immediate Perioperative Cardiac Arrest Rate	AQI 6	Registry/QCQR	Outcome	Y	0.11 - 0.13	0.14 - 0.18	0.19 - 0.24	0.25 - 0.31	0.32 - 0.50	0.51 - 0.81	0.82 - 1.49	>= 1.50	No
Immediate Perioperative Mortality Rate	AQI 7	Registry/QCQR	Outcome	Y	0.10 - 0.13	0.14 - 0.16	0.17 - 0.19	0.20 - 0.23	0.24 - 0.28	0.29 - 0.34	0.35 - 0.60	>= 0.61	No
PACU Reintubation Rate	AQI 8	Registry/QCQR	Outcome	Y	0.19 - 0.23	0.24 - 0.28	0.29 - 0.36	0.37 - 0.50	0.51 - 0.69	0.70 - 1.18	1.19 - 2.27	>= 2.28	No
Short-term Pain Management	AQI 9	Registry/QCQR	Outcome	Y	96.69 - 98.46	98.47 - 99.19	99.20 - 99.58	99.59 - 99.83	99.84 - 99.99	--	--	100	Yes
Surgeon assessment for hereditary cause of breast cancer	ASBS 1	Registry/QCQR	Process	Y	98.70 - 99.41	99.42 - 99.99	--	--	--	--	--	100	Yes
Surgical Site Infection and Cellulitis After Breast and/or Axillary Surgery	ASBS 2	Registry/QCQR	Outcome	Y	2.90 - 2.40	2.39 - 1.70	1.69 - 1.09	1.08 - 0.52	0.51 - 0.01	--	--	0	Yes
Specimen orientation for partial mastectomy or excisional breast biopsy	ASBS 3	Registry/QCQR	Process	Y	99.36 - 99.99	--	--	--	--	--	--	100	Yes
Perioperative Care: Selection of Prophylactic Antibiotic - First OR Second Generation Cephalosporin	ASBS 5	Registry/QCQR	Process	Y	--	--	--	--	--	--	--	100	Yes
Perioperative Care: Discontinuation of Prophylactic Parenteral Antibiotics (Non-Cardiac Procedures)	ASBS 6	Registry/QCQR	Process	Y	--	--	--	--	--	--	--	100	Yes
Unplanned 30 day re-operation after mastectomy	ASBS 7	Registry/QCQR	Outcome	Y	95.45 - 97.05	97.06 - 98.83	98.84 - 99.99	--	--	--	--	100	Yes
Colloid use limited in cases with no indication	ASPIRE 11	Registry/QCQR	Process	Y	97.24 - 97.56	97.57 - 97.75	97.76 - 98.11	98.12 - 98.45	98.46 - 98.73	98.74 - 99.02	99.03 - 99.56	>= 99.57	Yes
Avoiding intraoperative hypotension	ASPIRE 16	Registry/QCQR	Process	Y	91.67 - 92.72	92.73 - 94.61	94.62 - 99.54	99.55 - 99.72	99.73 - 99.85	99.86 - 99.88	99.89 - 99.99	100	Yes
Avoiding gaps in systolic or mean arterial pressure measurement	ASPIRE 17	Registry/QCQR	Process	Y	77.59 - 80.74	80.75 - 90.44	90.45 - 91.11	91.12 - 92.21	92.22 - 92.89	92.90 - 93.71	93.72 - 94.86	>= 94.87	No
Avoiding myocardial injury	ASPIRE 18	Registry/QCQR	Outcome	Y	99.67 - 99.48	99.47 - 99.43	99.42 - 99.38	99.37 - 99.28	99.27 - 99.02	99.01 - 98.83	98.82 - 98.49	<= 98.48	No
Train of Four Monitor Documented After Last Dose of Non-depolarizing Neuromuscular Blocker	ASPIRE 2	Registry/QCQR	Process	Y	78.96 - 80.94	80.95 - 82.72	82.73 - 83.47	83.48 - 84.42	84.43 - 86.07	86.08 - 88.08	88.09 - 90.33	>= 90.34	No
Avoiding medication overdose	ASPIRE 22	Registry/QCQR	Outcome	Y	99.76 - 99.70	99.69 - 99.65	99.64 - 99.51	99.50 - 99.39	99.38 - 99.32	99.31 - 99.30	99.29 - 98.92	<= 98.91	No
Administration of Neostigmine before Extubation for Cases with Nondepolarizing Neuromuscular Blockade	ASPIRE 3	Registry/QCQR	Process	Y	89.03 - 90.25	90.26 - 93.55	93.56 - 96.79	96.80 - 97.96	97.97 - 98.41	98.42 - 98.89	98.90 - 99.30	>= 99.31	Yes
Avoiding excessively high tidal volumes during positive pressure ventilation	ASPIRE 6	Registry/QCQR	Process	Y	89.66 - 91.38	91.39 - 92.67	92.68 - 94.06	94.07 - 95.28	95.29 - 95.46	95.47 - 95.97	95.98 - 96.54	>= 96.55	No
Adequate Off-loading of Diabetic Foot Ulcers at each visit	CDR 1	Registry/QCQR	Process	Y	40.13 - 58.05	58.06 - 72.34	72.35 - 83.92	83.93 - 91.29	91.30 - 95.29	95.30 - 97.41	97.42 - 98.87	>= 98.88	No
Vascular Assessment of patients with chronic leg ulcers	CDR 10	Registry/QCQR	Process	Y	28.14 - 36.46	36.47 - 43.95	43.96 - 57.95	57.96 - 68.13	68.14 - 73.73	73.74 - 77.31	77.32 - 79.51	>= 79.52	No
Wound Bed Preparation Through Debridement of Necrotic or Non-viable Tissue	CDR 11	Registry/QCQR	Process	Y	56.64 - 65.37	65.38 - 78.33	78.34 - 86.19	86.20 - 94.63	94.64 - 97.10	97.11 - 98.37	98.38 - 99.34	>= 99.35	No
Diabetic Foot & Ankle Care: Comprehensive Diabetic Foot Examination	CDR 4	Registry/QCQR	Process	Y	13.04 - 16.21	16.22 - 22.02	22.03 - 25.62	25.63 - 31.02	31.03 - 33.32	33.33 - 35.99	36.00 - 41.66	>= 41.67	No
Adequate Compression at each visit for Patients with Venous Leg Ulcers (VLU)	CDR 5	Registry/QCQR	Process	Y	75.20 - 90.31	90.32 - 93.58	93.59 - 94.63	94.64 - 95.82	95.83 - 97.23	97.24 - 99.09	99.10 - 99.99	100	No
Three Day All Cause Return ED Visit Rate - All Patients	ECPR 11	Registry/QCQR	Outcome	Y	6.46 - 6.05	6.04 - 5.72	5.71 - 5.40	5.39 - 5.08	5.07 - 4.76	4.75 - 4.35	4.34 - 3.94	<= 3.93	No
Three Day All Cause Return ED Visit Rate - Adults	ECPR 12	Registry/QCQR	Outcome	Y	6.96 - 6.54	6.53 - 6.15	6.14 - 5.79	5.78 - 5.45	5.44 - 5.13	5.12 - 4.75	4.74 - 4.30	<= 4.29	No
Three Day All Cause Return ED Visit Rate - Pediatrics	ECPR 13	Registry/QCQR	Outcome	Y	4.29 - 3.90	3.89 - 3.54	3.53 - 3.19	3.18 - 2.77	2.76 - 2.34	2.33 - 1.94	1.93 - 1.36	<= 1.35	No
Three Day All Cause Return ED Visit Rate with Placement Into Inpatient or Observation Status on Re-Visit	ECPR 17	Registry/QCQR	Outcome	Y	1.46 - 1.29	1.28 - 1.16	1.15 - 1.06	1.05 - 0.96	0.95 - 0.84	0.83 - 0.71	0.70 - 0.55	<= 0.54	No
Avoid Head CT in Patients with Uncomplicated Syncope	ECPR 18	Registry/QCQR	Process	Y	74.00 - 78.78	78.79 - 82.60	82.61 - 86.04	86.05 - 88.36	88.37 - 90.90	90.91 - 93.32	93.33 - 96.29	>= 96.30	No
Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 18 Years and Older	ECPR 19	Registry/QCQR	Process	Y	46.15 - 57.13	57.14 - 65.37	65.38 - 70.89	70.90 - 79.99	80.00 - 85.70	85.71 - 89.99	90.00 - 95.23	>= 95.24	No
Emergency Department Utilization of CT for Minor Blunt Head Trauma for Patients Aged 2 to 17 Years	ECPR 20	Registry/QCQR	Process	Y	78.26 - 86.83	86.84 - 93.32	93.33 - 94.28	94.29 - 94.99	95.00 - 96.87	96.88 - 99.99	--	100	No
Avoid Imaging with X-Rays in Non-traumatic Low Back Pain	ECPR 21	Registry/QCQR	Process	Y	85.00 - 89.99	90.00 - 91.99	92.00 - 94.51	94.52 - 95.64	95.65 - 97.13	97.14 - 99.99	--	100	No
Appropriate Treatment for Children with Upper Respiratory Infection (URI) - Were Not Dispensed an Antibiotic Prescription	ECPR 23	Registry/QCQR	Process	Y	95.00 - 95.99	96.00 - 96.87	96.88 - 99.34	99.35 - 99.99	--	--	--	100	Yes
Initiation of the Initial Sepsis Bundle	ECPR 24	Registry/QCQR	Process	Y	78.57 - 84.61	84.62 - 88.88	88.89 - 91.73	91.74 - 94.99	95.00 - 96.29	96.30 - 97.72	97.73 - 99.99	100	No
Pain Management for Long Bone Fracture	ECPR 25	Registry/QCQR	Outcome	Y	90.32 - 92.30	92.31 - 94.82	94.83 - 95.64	95.65 - 96.42	96.43 - 97.86	97.87 - 99.99	--	100	Yes
Pregnancy Test for Female Abdominal Pain Patients	ECPR 26	Registry/QCQR	Process	Y	78.57 - 81.81	81.82 - 84.61	84.62 - 86.83	86.84 - 88.93	88.94 - 90.62	90.63 - 92.69	92.70 - 95.11	>= 95.12	No
Rh Status Evaluation of Pregnant Women at Risk of Fetal Blood Exposure	ECPR 27	Registry/QCQR	Process	Y	67.05 - 72.78	72.79 - 76.25	76.26 - 79.30	79.31 - 81.81	81.82 - 85.95	85.96 - 90.39	90.40 - 94.14	>= 94.15	No
Coagulation Studies in Patients Presenting with Chest Pain with No Coagulopathy or Bleeding	ECPR 28	Registry/QCQR	Process	Y	57.93 - 68.03	68.04 - 77.54	77.55 - 83.03	83.04 - 86.89	86.90 - 89.99	90.00 - 93.03	93.04 - 95.61	>= 95.62	No
Adenoma detection rate	GIQIC 1	Registry/QCQR	Outcome	Y	28.99 - 32.18	32.19 - 35.75	35.76 - 38.80	38.81 - 41.92	41.93 - 45.74	45.75 - 49.29	49.30 - 54.69	>= 54.70	No
Appropriate management of anticoagulation in the peri-procedural period rate - EGD	GIQIC 10	Registry/QCQR	Process	Y	68.37 - 89.99	90.00 - 97.91	97.92 - 99.99	--	--	--	--	100	Yes
Appropriate indication for colonoscopy	GIQIC 12	Registry/QCQR	Process	Y	82.27 - 86.05	86.06 - 89.06	89.07 - 91.34	91.35 - 93.27	93.28 - 94.80	94.81 - 96.59	96.60 - 98.44	>= 98.45	No

Measure Name	Measure ID	Submission Method	Measure Type	Benchmark	Decile 3	Decile 4	Decile 5	Decile 6	Decile 7	Decile 8	Decile 9	Decile 10	Topped Out
Repeat screening colonoscopy recommended within one year due to inadequate bowel preparation	GIQIC 14	Registry/QCQR	Outcome	Y	17.47 - 21.14	21.15 - 26.76	26.77 - 39.57	39.58 - 53.00	53.01 - 69.22	69.23 - 75.42	75.43 - 82.75	>= 82.76	No
Appropriate follow-up interval of 3 years recommended based on pathology findings from screening colonoscopy in average-risk patients	GIQIC 15	Registry/QCQR	Process	Y	68.18 - 74.32	74.33 - 77.87	77.88 - 80.70	80.71 - 85.23	85.24 - 89.17	89.18 - 91.34	91.35 - 94.38	>= 94.39	No
Adequacy of bowel preparation	GIQIC 2	Registry/QCQR	Process	Y	91.43 - 93.72	93.73 - 95.56	95.57 - 96.64	96.65 - 97.46	97.47 - 98.11	98.12 - 98.67	98.68 - 99.27	>= 99.28	Yes
Photodocumentation of the cecum (also known as cecal intubation rate) - All Colonoscopies	GIQIC 3	Registry/QCQR	Process	Y	95.36 - 96.82	96.83 - 97.49	97.50 - 98.02	98.03 - 98.50	98.51 - 98.85	98.86 - 99.22	99.23 - 99.57	>= 99.58	Yes
Photodocumentation of the cecum (also known as cecal intubation rate) - Screening Colonoscopies	GIQIC 4	Registry/QCQR	Process	Y	96.46 - 97.61	97.62 - 98.30	98.31 - 98.76	98.77 - 99.10	99.11 - 99.43	99.44 - 99.68	99.69 - 99.99	100	Yes
Incidence of perforation	GIQIC 5	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Appropriate follow-up interval for normal colonoscopy in average risk patients	GIQIC 6	Registry/QCQR	Process	Y	82.14 - 87.00	87.01 - 89.65	89.66 - 91.83	91.84 - 93.74	93.75 - 95.09	95.10 - 96.59	96.60 - 98.20	>= 98.21	No
Age appropriate screening colonoscopy	GIQIC 8	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Documentation of history and physical rate - Colonoscopy	GIQIC 9	Registry/QCQR	Process	Y	98.50 - 99.22	99.23 - 99.67	99.68 - 99.99	--	--	--	--	100	Yes
Nonexudative Age-Related Macular Degeneration: Loss of Visual Acuity	IRIS 11	Registry/QCQR	Outcome	Y	72.97 - 79.58	79.59 - 85.70	85.71 - 95.58	95.59 - 97.43	97.44 - 99.99	--	--	100	No
Risk standardized rate of patients who experienced a postoperative complication within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 1	Registry/QCQR	Outcome	Y	7.87 - 6.92	6.91 - 5.74	5.73 - 4.64	4.63 - 3.86	3.85 - 2.95	2.94 - 1.00	0.99 - 0.01	0	No
Risk standardized rate of patients who experienced an unplanned readmission (likely related to the initial operation) to any hospital within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 2	Registry/QCQR	Outcome	Y	4.84 - 3.73	3.72 - 3.24	3.23 - 2.96	2.95 - 1.86	1.85 - 1.16	1.15 - 0.01	--	0	Yes
Risk standardized rate of patients who experienced a reoperation (likely related to the initial operation) within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 3	Registry/QCQR	Outcome	Y	2.38 - 1.73	1.72 - 0.62	0.61 - 0.01	--	--	--	--	0	Yes
Risk standardized rate of patients who experienced an anastomotic/staple line leak within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 4	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	0	Yes
Risk standardized rate of patients who experienced a bleeding/hemorrhage event requiring transfusion, intervention/operation, or readmission within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 5	Registry/QCQR	Outcome	Y	1.72 - 0.80	0.79 - 0.54	0.53 - 0.01	--	--	--	--	0	Yes
Risk standardized rate of patients who experienced a postoperative surgical site infection (SSI) (superficial incisional, deep incisional, or organ/space SSI) within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 6	Registry/QCQR	Outcome	Y	1.61 - 0.64	0.63 - 0.01	--	--	--	--	--	0	Yes
Risk standardized rate of patients who experienced postoperative nausea, vomiting or fluid/electrolyte/nutritional depletion within 30 days following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 7	Registry/QCQR	Outcome	Y	2.56 - 2.27	2.26 - 1.53	1.52 - 0.79	0.78 - 0.01	--	--	--	0	Yes
Risk standardized rate of patients who experienced extended length of stay (> 7 days) following a Laparoscopic Roux-en-Y Gastric Bypass or Laparoscopic Sleeve Gastrectomy operation, performed as a primary (not revisional) procedure.	MBSAQIP 8	Registry/QCQR	Outcome	Y	1.37 - 0.54	0.53 - 0.01	--	--	--	--	--	0	Yes
Percentage of patients who had complete 30 day follow-up following any metabolic and bariatric procedure.	MBSAQIP 9	Registry/QCQR	Process	Y	96.31 - 97.58	97.59 - 98.10	98.11 - 98.62	98.63 - 99.48	99.49 - 99.99	--	--	100	Yes
Prostate Biopsy: Compliance with AUA best practices for antibiotic prophylaxis for transrectal ultrasound-guided (TRUS) biopsy	MUSIC 1	Registry/QCQR	Process	Y	94.12 - 97.82	97.83 - 98.10	98.11 - 99.28	99.29 - 99.99	--	--	--	100	Yes
Unplanned Hospital Admission within 30 Days of TRUS Biopsy:	MUSIC 2	Registry/QCQR	Outcome	Y	1.28 - 0.01	--	--	--	--	--	--	0	Yes
Prostate Biopsy: Proportion of patients undergoing initial prostate biopsy in the registry found to have prostate cancer	MUSIC 7	Registry/QCQR	Outcome	Y	50.00 - 51.94	51.95 - 53.02	53.03 - 55.71	55.72 - 57.13	57.14 - 58.61	58.62 - 59.51	59.52 - 61.75	>= 61.76	No
Prostate Biopsy: Proportion of patients undergoing a prostate biopsy with a PSA < 4	MUSIC 8	Registry/QCQR	Process	Y	23.08 - 18.47	18.46 - 16.01	16.00 - 14.86	14.85 - 13.65	13.64 - 11.12	11.11 - 10.35	10.34 - 8.87	<= 8.86	No
Orthopedic Pain: Mental Health Assessment	OBBERD 6	Registry/QCQR	Process	Y	5.73 - 7.61	7.62 - 10.91	10.92 - 14.51	14.52 - 17.75	17.76 - 21.62	21.63 - 26.97	26.98 - 37.62	>= 37.63	No
Orthopedic Pain: Assessment and follow-up	OBBERD 9	Registry/QCQR	Process	Y	37.51 - 42.78	42.79 - 50.58	50.59 - 53.93	53.94 - 58.28	58.29 - 63.36	63.37 - 66.86	66.87 - 70.96	>= 70.97	No
Venous Thromboembolism (VTE) Prophylaxis	Pinc 7	Registry/QCQR	Outcome	Y	--	--	--	--	--	--	--	100	Yes
Diabetes Mellitus (DM): Hemoglobin A1c Control (< 8%)	PPRNET 1	Registry/QCQR	Outcome	Y	62.69 - 64.28	64.29 - 65.90	65.91 - 68.23	68.24 - 69.99	70.00 - 70.49	70.50 - 71.66	71.67 - 74.99	>= 75.00	No
Screening for Abdominal Aortic Aneurysm	PPRNET 12	Registry/QCQR	Process	Y	2.78 - 4.19	4.20 - 6.66	6.67 - 7.83	7.84 - 8.69	8.70 - 15.93	15.94 - 24.99	25.00 - 46.42	>= 46.43	No
Chronic Kidney Disease (CKD): eGFR Monitoring	PPRNET 13	Registry/QCQR	Process	Y	59.02 - 63.42	63.43 - 66.66	66.67 - 72.34	72.35 - 74.59	74.60 - 78.25	78.26 - 85.05	85.06 - 86.95	>= 86.96	No
Chronic Kidney Disease (CKD): Hemoglobin Monitoring	PPRNET 14	Registry/QCQR	Process	Y	66.67 - 77.26	77.27 - 83.86	83.87 - 87.49	87.50 - 88.63	88.64 - 90.47	90.48 - 91.66	91.67 - 93.74	>= 93.75	No
Osteoporosis Screening for Women	PPRNET 15	Registry/QCQR	Process	Y	16.80 - 23.69	23.70 - 44.43	44.44 - 53.24	53.25 - 57.62	57.63 - 65.28	65.29 - 68.32	68.33 - 78.64	>= 78.65	No
Cervical Cancer Screening	PPRNET 16	Registry/QCQR	Process	Y	20.70 - 27.94	27.95 - 33.74	33.75 - 36.69	36.70 - 40.79	40.80 - 48.04	48.05 - 55.20	55.21 - 68.63	>= 68.64	No
Breast Cancer Screening	PPRNET 17	Registry/QCQR	Process	Y	20.80 - 29.40	29.41 - 39.74	39.75 - 50.76	50.77 - 57.78	57.79 - 65.44	65.45 - 72.74	72.75 - 82.98	>= 82.99	No
Colorectal Cancer screening	PPRNET 18	Registry/QCQR	Process	Y	40.00 - 44.33	44.34 - 54.80	54.81 - 59.34	59.35 - 61.18	61.19 - 71.11	71.12 - 73.54	73.55 - 76.26	>= 76.27	No

