



California Physician Performance Initiative (CPPI)

Clinical Quality Measures

CPPI assessed physician performance using clinical quality measures that are evidence based, nationally standardized, and which have been endorsed by major consensus bodies (i.e., the National Quality Forum and the AMA’s Physician Consortium on Performance Improvement). The measures address both preventive care and chronic condition management. The measures were reviewed and approved by the CPPI Physician Advisory Group and CPPI Steering Committee.

The 15 measures listed below were scored using 2007 claims data. CPPI used measure specifications from the National Committee for Quality Assurance (NCQA) Healthcare Effectiveness Data and Information Set (HEDIS) (www.ncqa.org) and the Physician Consortium for Performance Improvement (PCPI) (www.ama-assn.org).

	Measure Name	Measure Description	Relevant Specialties for the Measure	Measure Source	Reporting
1	Arthritis: Anti-Rheumatic Medication	Patients with rheumatoid arthritis, age 18+, who were prescribed a disease modifying anti-rheumatic medication in 2007.	General/Family Practice, Internal Medicine, Orthopedics, Rheumatology	HEDIS	Commercial and Medicare
2	Breast Cancer Screening	Women aged 42-69, who had mammogram in 2006 or 2007.	Family practice, internal medicine, and OB/GYN	HEDIS	Commercial and Medicare
3	Cardiovascular: LDL Test	Patients aged 18-75, who were hospitalized in 2006 for an AMI, CABG, or PTCA, or were diagnosed with IVD in 2006 or 2007, and who had an LDL test in 2007	Family practice, internal medicine, and cardiology	HEDIS	Commercial and Medicare
4	Cardiovascular: Beta Blocker at 6 Months After a Heart Attack	Patients, age 35+, who were hospitalized in 2007 for an AMI and received beta-blocker medication for the 6 months after discharge.	Family practice, internal medicine, and cardiology	HEDIS	Commercial only
5	Colorectal Cancer Screening*	Patients aged 51-80, who had a FOBT in 2007, sigmoidoscopy during 2004-2007, DCBE during 2004-2007, or colonoscopy during 2004-2007.	Family practice, internal medicine, OB/GYN, and gastroenterology , colorectal surgeon	HEDIS	Commercial and Medicare
6	Coronary Artery Disease: LDL Medication	CAD patients aged 18+, who were prescribed a lipid-lowering medication in 2007.	Family practice, internal medicine, and cardiology, endocrinologists	PCPI	Commercial and Medicare
7	Diabetes: Eye Exam	Diabetes patients, age 18-75, who had a retinal or	General/Family Practice, Internal Medicine,	HEDIS	Medicare only

		dilated eye exam in 2007	Endocrinology, Ophthalmology, Optometry General/Family Practice, Internal Medicine, Allergy and Immunology, Pulmonologist		
8	Diabetes: HbA1c Test	Diabetes patients aged 18-75, who had an HbA1c screening test during 2007.	Internal medicine, family practice, endocrinology, and cardiology	HEDIS	Commercial and Medicare
9	Diabetes: LDL Test	Diabetes patients aged 18-75, who had an LDL-C screening test during 2007.	Internal medicine, family practice, endocrinology, and cardiology	HEDIS	Commercial and Medicare
10	Glaucoma screening	Patients, age 67+ without history of glaucoma, who received a glaucoma screening in 2006 or 2007	General/Family Practice, Internal Medicine, Geriatric Medicine, Ophthalmology, Optometry	HEDIS	Medicare only
11	Heart Failure: Warfarin Medication for Patients with Atrial Fibrillation	Heart failure patients aged 18+, who were hospitalized with paroxysmal or chronic atrial fibrillation during 2007 and were prescribed warfarin .	Family practice, internal medicine, and cardiology	HEDIS	Commercial and Medicare
12	Heart Failure: Left Ventricular Ejection Fraction Test	Heart failure patients aged 18+ , who were hospitalized for heart failure during 2007 and who had a left ventricular ejection fraction test sometime during 2007.	Family practice, internal medicine, and cardiology	PCPI	Commercial and Medicare
13	Monitoring Patients on Persistent Medications	Patients aged 18+, who were prescribed a persistent medication (at least a 180-days supply) in 2007 who received a monitoring test for one or more of the following: (1) ACE inhibitors or ARBs; (2) Digoxin; or (3) Diuretics.	Family practice, internal medicine, and cardiology	HEDIS	Commercial and Medicare
14	Osteoporosis Management in Women Who Had a Fracture	Women age 67+ with a fracture occurring between 7/1/2006- 6/30/2007, who received a bone mineral density (BMD) test or prescription to treat/prevent osteoporosis within six months of the injury	General/Family Practice, Internal Medicine, OB/GYN, Orthopedics, Geriatric Medicine, Rheumatology, endocrinologist, nephrology	HEDIS	Medicare only
15	COPD: Spirometry Test	Patients, age 42+ with a new or newly active COPD diagnosis between 7/1/2006- 6/30/2007, who received spirometry testing two years prior to diagnosis or within 6 months of diagnosis	General/Family Practice, Internal Medicine, Pulmonologist, Allergy and Immunology	HEDIS	Commercial and Medicare

* The Colorectal Cancer Screening measure has a ten year look back period, but only three years of data are available for this study.