

eAppendix Table 2: Measures Used to Assess Primary Care Physician Performance

Measure Name	Description	Attribution Period ¹	Average Number of Events per Primary Care Physician ²
PREVENTION			
Breast Cancer Screening	Percentage of females 50-69 yrs who had a mammogram performed during the previous two years	1/1/2003-12/31/2004 (2 years)	16.5
Colorectal Cancer Screening	Percentage of adults age 50-80 who had appropriate screening for colorectal cancer.	1/1/2003-12/31/2004 (2 years)	5.5
Cervical Cancer Screening	Percentage of women age 21-64 who received at least one Pap test during the previous 3 years.	1/1/2003-12/31/2004 (2 years)	12.7
Chlamydia Screening in Women	Percentage of women 16-25 yrs who had at least one test for chlamydia during the measurement year	1/1/2004-12/31/2004	2.6
Glaucoma Screening in Older Adults	Percentage of Medicare patients age 65 years and older who received a glaucoma exam in the last two years	1/1/2003-12/31/2004 (2 years)	0.7
CHRONIC			
Use of Appropriate Medications for People With Asthma	Percentage of persistent asthmatics 5-56 who were appropriately prescribed medication (inhaled corticosteroids).	1/1/2004-12/31/2004	0.6
Antidepressant Medication Management - Acute Phase	Percentage of patients 18 years and older receiving successful pharmacological management of depression - Acute Phase	5/1/2003 thru 12/31/2004	0.4
Anti-depressant Medication Management- Continuation Phase	Percentage of patients 18 years and older receiving successful pharmacological management of depression - Continuation Phase	5/1/2003 thru 12/31/2004	0.4
Follow-Up After Hospitalization for Mental Illness – 30 Days	Percentage of discharges for members with selected mental health disorders who were seen on an ambulatory basis within 30 days of discharge	1/1/2004-12/31/2004	0.0
Follow-Up After Hospitalization for Mental Illness – 7 Days	Percentage of discharges for members with selected mental health disorders who were seen on an ambulatory basis within 7 days of discharge	1/1/2004-12/31/2004	0.0
Follow-Up Care for Children Prescribed ADHD Medication- Initiation Phase	Percent of children 6-12 years newly prescribed ADHD medication who have a follow-up visit within 30 days of the drug being dispensed.	1/1/2004-12/31/2004	0.1
Follow-Up Care for Children Prescribed ADHD Medication- Continuation & Maintenance Phase	Percent of children 6-12 years who remain on ADHD medication who have at least 2 additional follow-up visits within 9 months of an initiation visit.	5/1/2003-2/28/2004 plus 210 days	0.0
Beta Blocker Treatment After a Heart Attack – At Discharge	Percentage of members 35+ discharged with an AMI who received an ambulatory prescription for beta-blockers upon discharge	1/1/2004-12/31/2004	0.0

Persistence of Beta Blocker Treatment After a Heart Attack	Percentage of members 35+ discharged with an AMI who received beta blocker treatment for 6 months after discharge	7/1/2003 - 6/30/2004 plus 180 days	0.0
Comprehensive Diabetes Care- LDL Screening	Percent of members 18-75 with diabetes who had L DL screening performed	1/1/2004-12/31/2004	1.2
Comprehensive Diabetes Care- HbA1c Testing	Percent of members 18-75 with diabetes who had HbA1c tested.	7/1/2003 - 6/30/2004 plus 180 days	1.0
Comprehensive Diabetes Care- Medical Attention for Nephropathy	Percent of members 18-75 with diabetes with kidney disease monitored.	1/1/2004-12/31/2004	1.9
Osteoporosis Management in Women Who Had a Fracture	Percentage of women 67+ who had a fracture who had either a bone mineral density test or prescription for a drug to treat or prevent osteoporosis within 6 months of the fracture.	7/1/2003 - 6/30/2004 plus 180 days	0.0
Annual Monitoring for Patients on Persistent Medications- ACE Inhibitors	Percent of members 18 and older on persistent medications who received annual monitoring for specific drugs – ACE	1/1/2004-12/31/2004	2.6
Annual Monitoring for Patients on Persistent Medications- Anticonvulsants	Percent of members 18 and older on persistent medications who received annual monitoring for specific drugs – Anticonvulsants	1/1/2004-12/31/2004	0.2
Annual Monitoring for Patients on Persistent Medications- Digoxin	Percent of members 18 and older on persistent medications who received annual monitoring for specific drugs – Digoxin	1/1/2004-12/31/2004	0.1
Annual Monitoring for Patients on Persistent Medications- Diuretics	Percent of members 18 and older on persistent medications who received annual monitoring for specific drugs – Diuretics	1/1/2004-12/31/2004	2.0
Annual Monitoring for Patients on Persistent Medications- Statins	Percent of members 18 and older on persistent medications who received annual monitoring for specific drugs – Statins	1/1/2004-12/31/2004	2.0
ACUTE			
Appropriate Treatment for Children with Upper Respiratory Infection	Percentage of children 3 months-18 years who were given a diagnosis of URI and were not dispensed an antibiotic prescription on or three days after the episode date.	7/1/2003 - 6/30/2004 plus 3 days	3.0
Appropriate Testing for Children With Pharyngitis	The percentage of children 2-18 yrs diagnosed with pharyngitis prescribed an antibiotic and who received a group A streptococcus test for the episode	7/1/2003 - 6/30/2004 plus 3 days	1.3
Inappropriate Antibiotic Treatment for Adults with Acute Bronchitis ³	The percentage of otherwise healthy adults (18-64) with a diagnosis of acute bronchitis who inappropriately received antibiotics.	1/1/2004-12/31/2004	0.8
Use of Imaging Studies for Low Back Pain ³	Assesses whether imaging studies are overused in evaluating patients with low back pain.	7/1/2003- 12/31/2004	1.1

¹The attribution period assumes a two-year period of data available for the field test -- 1/1/2003 through 12/31/2004

²The average is based on the group of physicians who had at least one quality event attributed to them for this measure.

³Lower performance is better for these measures, so they were subtracted from 1 before calculating the composite score.

ACE=Angiotensin-Converting Enzyme

ADHD= Attention Deficit Hyperactivity Disorder

HbA1c= glycosylated hemoglobin

LDL= low-density lipoprotein