

IHA P4P Measure Manual

Measure Year 2017 - Reporting Year 2018

*If line of business not labeled, measure is Commercial only

ADULT PREVENTIVE CARE

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Adult BMI (Medicare)	18-74	Medicare members ages 18-74	BMI value (if patient ≥ 20) OR BMI percentile (if patient < 20) recorded during an outpatient visit in 2016 or 2017	Pregnancy Members in hospice
Chlamydia Screening	Women 16-24	*Sexually active women ages 16-24 *Sexual activity is defined through a combination of 2017 pharmacy and claims data - i.e. by rx for oral contraceptives and codes for pregnancy, sexual activity, and/or pregnancy test	Chlamydia Screen in 2017 (Cervix or Urine Test)	 A pregnancy test in 2017 AND a prescription for isotretinoin on the date of or within 6 days after the pregnancy test A pregnancy test during the measurement year AND an x-ray on the date of or within 6 days after the pregnancy test Members in hospice
Colorectal Cancer Screening (Commercial and Medicare)	50-75	Adults ages 50-75	Any of the following:	Colorectal cancer Total colectomy Members in hospice

ADULT PREVENTIVE CARE (Cont'd)

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Cervical Screening	21-64	Women ages 21-64	Women 21-64 with cervical cytology in last three years (2015 to 2017) OR Women 30-64 with cervical cytology/HPV co-testing in the last five years (2013-2017)* *Cervical cytology and HPV testing may occur up to 4 days apart.	Women without a cervix: i.e. women with hysterectomy and no residual cervix, cervical agenesis or acquired absence of cervix, and/or transgender women Members in hospice
Breast Cancer Screening (Commercial & Medicare)	50-74	Women ages 50-74	One or more mammograms between October 1, 2015 and December 31, 2017 *Other diagnostic screenings such as ultrasounds, biopsies, MRIs or tomosynthesis (3D mammography) are not counted for this measure	Bilateral or two unilateral mastectomies

OVAGOUL	AR MEASURES

CARDIO VACCOLAIR INLACORLO					
MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s	
Persistent Meds DIURETICS		Adults 18 years and older who are taking diuretics who received at least 180 ambulatory treatment days	At least one serum potassium and one serum creatinine test in 2017.		
Persistent Meds ACE/ARBs	≥ 18	Adults 18 years and older who are taking ACE/ARBs who received at least 180 ambulatory treatment days	*Criteria may be met with individual tests or with lab panel tests.	Members with an inpatient stay in 2017Members in hospice	
Persistent Meds DIGOXIN		Adults 18 years and older who are taking Digoxin who received at least 180 ambulatory treatment days	At least one serum potassium , one serum creatinine , and one serum digoxin test in 2017. *Criteria may be met with individual tests or with lab panel tests.		
Controlling High Blood Pressure	18-85	Adults 18-85 with hypertension diagnosis and without diabetes	Most recent blood pressure in 2017 within controlled range: •Adults 18-59: <140/90 •Adults 60-85: <150/90	Diabetes Gestational diabetes Steroid-induced diabetes Members in hospice	

CARDIOVASCULAR MEASURES (Cont'd)	

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Statin Therapy for Patients with Cardiovascular Disease	Males 21- 75 Females 40-75	Males 21-75 and females 40-75 with atherosclerotic cardiovascular disease (ASCVD)	 Prescribed one or more high or moderate-intensity statin medications during 2017* Remained on statins for at least 80% of the treatment period (from prescription date to end of 2017) *For a list of qualifying medications see Figure 1 in "Medication Appendix" on the next tab in this workbook. 	Any of the following in 2016:
Proportion of Days Covered by Medications - RAS (Commercial and Medicare)	≥ 18	Patients who filled at least 2 prescriptions for a RAS antagonist or RAS/ARB combination on 2 unique dates of service during the treatment period (from prescription date to end of 2017)	Remained on RAS medication for at least 80% of the treatment period	ESRD Dispensed at least one prescription for an ARB/Neprilysin Inhibitor Combination Medication Members in hospice

CARDIOVASCULAR MEASURES (Cont'd)

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Proportion of Days Covered by Medications - Statins (Commercial and Medicare)	≥ 18	Patients who filled at least 2 prescriptions for a statin or statin combination two separate times during the treatment period (from prescription date to end of 2017).	Remained on statins for at least 80% of the treatment period	Any of the following in 2016:

DIABETES CARE

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
DM A1C Screening			At least 2 HbA1C tests in 2017 performed 14 or more days apart	
DM Good Control A1C <8	18-75	Adult 18-75 with DM Type I or II	Most recent A1C value in 2017 <8	
DM A1C Poor Control >9 (Commercial and Medicare)			Most recent A1C value in 2017 >9 OR No A1C result in 2017	Gestational diabetes Steroid-induced diabetes
DM Eye Exam (Medicare)	18-75	Medicare members 18-75 with DM Type I or II	 A retinal or dilated eye exam by an eye care professional (optometrist or opthalmologist) in 2017 A negative retinal or dilated eye exam by an eye care professional in 2016 	Members in hospice
DM BP Control <140/90	18-75	Adults 18-75 with DM Type I or II	Most recent blood pressure in 2017 lower than 140/90 *If there are multiple BP readings on the same date of service, use the lowest reading	

DIABETES CARE	(Cont'd)
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	DIABETES CARE (Cont'd)						
IV	MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s		
Pa	n Therapy for Itients with Diabetes	40-75	Adults 40-75 with DM Type I or II who do not have clinical atherosclerotic cardiovascular disease (ASCVD)	Prescribed at least one statin medication of any intensity during 2017* Remained on statins for at least 80% of the treatment period (from prescription date to end of 2017) *For a list of qualifying medications see Figure 2 in "Medication Appendix" on the next tab in this workbook.	Any of the following in 2016:		
Co Me	ortion of Days overed by edications - Diabetes	≥ 18	Patients who filled at least 2 prescriptions for a Diabetes All-Class medication on 2 unique dates during the treatment period (from prescription date to end of 2017)	Remained on DM medication/s for at least 80% of the treatment period	• ESRD • Members prescribed insulin • Members in hospice		

DIABETES CARE (Cont'd)

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
DM Nephropathy Monitoring (Medicare)	18-75	Medicare members 18-75 with DM Type I or II	Nephropathy screening in 2017: - Urine microalbumin test	Gestational diabetes Steroid-induced diabetes Members in hospice

PEDIATRIC PREVENTIVE CARE *Commercial Only

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MEASURE	Age (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s	
Tdap			At least one tetanus, diptheria toxoids and acellular pertussis vaccine (Tdap) on or between their 10th and 13th birthday		
Meningococcal			At least one meningococcal conjugate vaccine on or between their 11th and 13th birthday		
HPV	13	Adolescents who turn 13 during 2017	Three doses of HPV administered on three different dates between their 9th and 13th birthday	Contraindication to vaccine: anaphylactic reaction Members in hospice	
IMA COMBO 1			One meningococcal vaccine and one Tdap vaccine.		
IMA COMBO 2			One meningococcal vaccine, one Tdap, and at least 3 HPV vaccines		

PEDIATRIC PREVENTIVE CARE (Co	nt'd)
*Commercial Only	

*Commercial Only				
MEASURE	Age (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Rotavirus			•At least 2 doses of the 2-dose RV, OR •At least 3 doses of the 3-dose RV, OR •At least 1 dose of the 2-dose RV AND at least 2 doses of the 3-dose RV on or before the 2nd birthday *All on different dates at least 42 days after birth	
VZV			•At least 1 Varicella vaccine on or before the 2 nd birthday OR •Documented history of the illness	
Нер А	2	Children who turn 2 during 2017	•At least 1 Hep A vaccination on or before the 2 nd birthday OR •Documented history of the illness	 Contraindication to vaccine: anaphylactic reaction Members in hospice
Pneumococcal			At least 4 pneumococcal vaccines on or before the 2nd birthday. *All on different dates at least 42 days after birth	
MMR			At least 1 MMR vaccination on or before the 2nd birthday OR documented history of the illness	

PEDIATRIC PREVENTIVE CARE (C	ont'd)
*Commercial Only	

*Commercial Only				
MEASURE	Age (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
IPV			At least 3 Polio vaccines on or before the 2 nd birthday	
			*All on different dates at least 42 days after birth	
HiB			At least 3 HiB vaccinations on or before the 2nd birthday.	
Tillo			*All on different dates at least 42 days after birth	
Нер В	2	Children who turn 2 during 2017	•At least 3 Hep B vaccinations with different dates of service on or before the 2nd birthday OR •Documented history of the illness	 Contraindication to vaccine: anaphylactic reaction
DTap			At least 4 DTap vaccinations on or before the 2nd birthday	Members in hospice
Бтар			*All on different dates at least 42 days after birth	
Influenza	Influenza	nn72	At least 2 influenza vaccinations on or before the 2nd birthday.	
mildenza			*All on different dates at least 6 months (180 days) after birth	
CIS combo			DTaP, IPV, MMR, HiB, Hep B, VZV, PVC, HepA, RV, and Influenza vaccinations all administered before the 2nd birthday	

MUSCULOSKELETAL

MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Rheumatoid Arthritis DMARD Therapy <i>(Medicare)</i>	≥ 18	Medicare members 18 years and older who were diagnosed with RA	At least one ambulatory prescription for a disease modifying anti-rheumatic drug dispensed in 2017* *For a list of qualifying medications see Figure 3 in "Medication Appendix" on the next tab in this workbook.	Diagnosis of HIV or pregnancy in 2017 Members in hospice
Use of Imaging Studies for Low Back Pain	18-50	Adults 18-50 seen for primary diagnosis of uncomplicated low back pain (LBP)	MUST NOT HAVE an imaging study within 28 days of diagnosis. Imaging studies include: -X ray -CT scan or -MRI	Recent trauma 90 days before through 28 days after the earliest visit for low back pain History of IV drug abuse Neurological impairment Cancer or history of malignant neoplasms HIV Spinal infection Major organ transplant Prolonged use of corticosteroids (90 consecutive days) Observation or ED visit that results in inpatient stay Members in hospice

RESPIRATORY				
MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
Asthma Medication Ratio	5-85	Ages 5-85 with persistent asthma	Members receive both asthma controller and reliever meds in 2017 AND Members use controller medications at least half as often as reliever medications *Ratio of controller medications to total asthma medication 0.50 or greater	Members with any of the following: Emphysema, COPD, Cystic Fibrosis, Acute Respiratory Failure, Obstructive Chronic Bronchitis, Chronic Respiratory Conditions Due to Fumes/Vapors Members without asthma controller or reliever medications Members in hospice
	OTHER MEDICARE MEASURES			
MEASURE	Age Range (Years)	Denominator (i.e. How selected/identified)	Numerator (Needed Items)	Exclusion/s
High Risk Medications (Medicare)	≥ 65	Medicare members 65 and older	Fill two or more prescriptions for a high- risk medication on two different dates in 2017* *For a list of qualifying medications see Figure 4 in "Medication Appendix" on the next tab in this workbook.	Members in hospice

Figure 1 - Statin Therapy for Patients with Cardiovascular Disease

Table SPC-B: High and Moderate-Intensity Statin Medications

Description	Prescription		
High-intensity statin therapy	Atorvastatin 40–80 mg Amlodipine-atorvastatin 40-80 mg Ezetimibe-atorvastatin 40-80 mg	Rosuvastatin 20–40 mgSimvastatin 80 mgEzetimibe-simvastatin 80 mg	
Moderate-intensity statin therapy	 Atorvastatin 10–20 mg Amlodipine-atorvastatin 10-20 mg Ezetimibe-atorvastatin 10-20 mg Rosuvastatin 5–10 mg Simvastatin 20–40 mg Ezetimibe-simvastatin 20-40 mg Niacin-simvastatin 20-40 mg 	 Sitagliptin-simvastatin 20-40 mg Pravastatin 40-80 mg Lovastatin 40 mg Niacin-lovastatin 40 mg Fluvastatin XL 80 mg Fluvastatin 40 mg bid Pitavastatin 2-4 mg 	

Figure 2 - Statin Therapy for Patients with Diabetes

Table SPD-B: High, Moderate and Low-Intensity Statin Prescriptions

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Description	Preso	ription
High-intensity statin therapy	 Atorvastatin 40–80 mg Amlodipine-atorvastatin 40–80 mg Ezetimibe-atorvastatin 40–80 mg 	Rosuvastatin 20–40 mgSimvastatin 80 mgEzetimibe-simvastatin 80 mg
Moderate-intensity statin therapy	 Atorvastatin 10–20 mg Amlodipine-atorvastatin 10–20 mg Ezetimibe-atorvastatin 10–20 mg Rosuvastatin 5–10 mg Simvastatin 20–40 mg Ezetimibe-simvastatin 20–40 mg Niacin-simvastatin 20–40 mg Sitagliptin-simvastatin 20–40 mg 	 Pravastatin 40–80 mg Lovastatin 40 mg Niacin-lovastatin 40 mg Fluvastatin XL 80 mg Fluvastatin 40 mg bid Pitavastatin 2–4 mg
Low-intensity statin therapy	 Simvastatin 10 mg Ezetimibe-simvastatin 10 mg Sitagliptin-simvastatin 10 mg Pravastatin 10–20 mg 	Lovastatin 20 mg Niacin-lovastatin 20 mg Fluvastatin 20–40 mg Pitavastatin 1 mg

Figure 3 - Rheumatoid Arthritis DMARD Therapy

Table ART-A: DMARDs			
Description		Prescription	
5-Aminosalicylates	 Sulfasalazine 		
Alkylating agents	 Cyclophosphamic 	de	
Aminoquinolines	 Hydroxychloroqui 	ine	
Anti-rheumatics	Auranofin Gold sodium thiomalate	Leflunomide Methotrexate	Penicillamine
Immunomodulators	Abatacept Adalimumab Anakinra Certolizumab	Certolizumab pegol Etanercept Golimumab	Infliximab Rituximab Tocilizumab
Immunosuppressive agents	 Azathioprine 	Cyclosporine	Mycophenolate
Janus kinase (JAK) inhibitor	Tofacitinib		
Tetracyclines	Minocycline		

Figure 4 - High Risk Medications

Table HRM-A: High-Risk Medications

Table HRW-A. High-Risk Wedication		
Description	Prescript	tion
Anticholinergics (excludes TCAs), first- generation antihistamines (as single agent or as part of combination products)—excludes OTC products	Brompheniramine Carbinoxamine Chlorpheniramine Clemastine Cyproheptadine Dexchlorpheniramine	 Diphenhydramine (oral) Doxylamine Hydroxyzine Promethazine Triprolidine
Anticholinergics (excludes TCAs), anti- Parkinson agents	Benztropine (oral)	Trihexyphenidyl
Antithrombotics	Dipyridamole, oral short-acting (does not apply to the extended-release combination with aspirin)	Ticlopidine*
Anti-infective	Nitrofurantoin (include when cumulative	day supply is >90 days) (A)
Cardiovascular, alpha blockers, central	Guanfacine* Methyldopa*	Reserpine (>0.1mg/day)* (B)Guanabenz*
Cardiovascular, other	Disopyramide* Digoxin (>0.125mg/day) (C)	Nifedipine, immediate release*
Central nervous system, tertiary TCAs (as a single agent or as part of a combination product)	Amitriptyline Clomipramine Doxepin (>6mg/day) (D)	Imipramine Trimipramine
Central nervous system, antipsychotics, first- generation (conventional)	Thioridazine	
Central nervous system, barbiturates	Amobarbital* Butabarbital* Butalbital Pentobarbital*	Phenobarbital Secobarbital* Mephobarbital*
Central nervous system, other	Chloral hydrate	Meprobamate
Central nervous system, Nonbenzodiazepine hypnotics (include when cumulative day supply is >90 days) (E)	Eszopiclone Zolpidem	Zaleplon
Central nervous system, vasodilators for dementia	Ergot mesylates*	Isoxsuprine
Endocrine system	Desiccated thyroid Estrogens** with or without progesteron (oral and topical patch products only)	Megestrol e
Endocrine system, sulfonylureas, long-duration	Chlorpropamide	Glyburide
Gastrointestinal system	Trimethobenzamide	
Pain medications	Meperidine	Pentazocine*
Pain medications, non-COX-selective NSAIDS***	Indomethacin	Ketorolac
Skeletal muscle relaxants (as a single agent or as part of a combination product)	Carisoprodol Chlorzoxazone Cyclobenzaprine	Metaxalone Methocarbamol Orphenadrine

^{*}Infrequently used drugs. Abbreviations: TCAs, tricyclic antidepressants; OTC, over the counter.

** Conjugated estrogen, esterified estrogen, estradiol, estropipate (includes combination products and the following routes of administration: oral, and transdermal).

^{***}Includes oral and injectable (IJ, SC, IM, IV) routes only.