

Medication Measure Concept	Description	PQA Concept	PQA Endorsed	NQF date (#)	PQA Update
PDC - Diabetes (disease and class-level: sulfonylurea, biguanide, thiazolidinediones) DPP-IV inhibitors and Diabetes Roll up added 2011	The percentage of patients 18 years and older who met the Proportion of Days Covered (PDC) threshold of 80 percent during the measurement year for the therapeutic medication class	2006	2008	2009 (0541)	2011
PDC - Calcium-channel blockers	The percentage of patients 18 years and older who met the Proportion of Days Covered (PDC) threshold of 80 percent during the measurement year for the therapeutic medication class of calcium channel blockers	2006	2008		2011
PDC - Beta blockers	The percentage of patients 18 years and older who met the Proportion of Days Covered (PDC) threshold of 80 percent during the measurement year for the therapeutic medication class of beta blockers	2006	2008		2011
PDC - Lipid-modifiers (currently this measure includes only the drug class of statin medications)	The percentage of patients 18 years and older who met the Proportion of Days Covered (PDC) threshold of 80 percent during the measurement year for the therapeutic medication class of lipid modifiers	2006	2008	2009 (0541)	2011
PDC - angiotensin-converting-enzyme inhibitors/ angiotensin II receptor blockers	The percentage of patients 18 years and older who met the Proportion of Days Covered (PDC) threshold of 80 percent during the measurement year for the therapeutic medication class of ACEI/ARBs	2006	2008	2009 (0541)	2011

GAP - Diabetes (disease and class-level: sulfonylurea, biguanide, thiazolidinediones)	The percentage of patients 18 years and older who were dispensed at least two prescriptions in a specific therapeutic category who experienced a gap in medication therapy of greater than or equal to 30 days.	2006	2008	
GAP - Calcium-channel blockers	The percentage of patients 18 years and older who were dispensed at least two prescriptions in a specific therapeutic category of calcium-channel blockers who experienced a gap in medication therapy of greater than or equal to 30 days.	2006	2008	
GAP - Beta blockers	The percentage of patients 18 years and older who were dispensed at least two prescriptions in a specific therapeutic category of beta blockers who experienced a gap in medication therapy of greater than or equal to 30 days.	2006	2008	
GAP - Lipid-modifiers (currently this measure includes only the drug class of statin medications)	The percentage of patients 18 years and older who were dispensed at least two prescriptions in a specific therapeutic category of lipid modifiers who experienced a gap in medication therapy of greater than or equal to 30 days.	2006	2008	
GAP - angiotensin-converting-enzyme inhibitors/ angiotensin II receptor blockers	The percentage of patients 18 years and older who were dispensed at least two prescriptions in a specific therapeutic category who experienced a gap in medication therapy of greater than or equal to 30 days.	2006	2008	
Diabetes - suboptimal treatment of hypertension in patients with diabetes	The percentage of patients who were dispensed a medication for diabetes and hypertension who are receiving an ACEI or ARB medication.	2006	2008	2009 (0546)

Diabetes - medication dosing	The percentage of patients who were dispensed a dose higher than the maximum recommended dose for each therapeutic category of oral hypoglycemics: biguanides, sulfonylureas and thiazolidinediones.	2006	2008		
Respiratory - suboptimal control of asthma	The percentage of patients with persistent asthma who were dispensed more than 3 canisters of a short-acting beta2 agonist inhaler during the same 90-day period.	2006	2008	2009 (0548)	2011
Respiratory - absence of controller medications in asthma	The percentage of patients with asthma dispensed more than 3 canisters of short acting beta2 agonist inhalers over a 90-day period and who did not receive controller therapy during the same 90-day period.	2006	2008	2009 (0548)	2011
Respiratory - adverse event from inhaled corticosteroids	The percentage of non-immunocompromised patients who were dispensed an inhaled corticosteroid who were also dispensed oral antifungal therapy within 30 days.	2006			
Cardiovascular - contraindicated use of calcium-channel blockers	Percent of patients with heart failure who were dispensed a potentially contraindicated calcium-channel blocker.	2006			
Safety - high-risk medications in the elderly	The percentage of patients 65 years and older who received at least one prescription for a high-risk medication	2006	2008	2006 (0022)*	endorsed by NQF via HEDIS

Safety - high-risk medications in the elderly (intensity of exposure)	The total proportion of days covered by any high-risk medication	2006		
Safety - drug-drug interactions (incidence)	The percentage of patients who received a prescription for a target medication during the measurement period and who were dispensed a concurrent prescription for a precipitant medication.	2006	2008	2011
Safety - drug-drug interactions (alert overridden)	Percentage of DDI interaction alerts (level one severity) that were overridden by the pharmacists and dispensed as written	2006		
Safety - drug-drug interactions (alert with change in medication)	Percentage of DDI interaction alerts (level one severity) that were responded to by pharmacists, with a different medication dispensed	2006		
Safety - drug-drug interactions (alert with no medication dispensed)	Percentage of DDI interaction alerts (level one severity) that were responded to by pharmacists, with no medication dispensed	2006		
Safety - duplication of therapy (ACEI / ARB)	The proportion of patients with cardiovascular disease who are experiencing therapeutic duplication for ACEI/ARB medications.	2006		

Safety - duplication of therapy (calcium-channel blocker)	The proportion of patients with cardiovascular disease who are experiencing therapeutic duplication with calcium-channel blockers.	2006
Safety - duplication of therapy (beta-blocker)	The proportion of patients with cardiovascular disease who are experiencing therapeutic duplication for beta-blocker medication.	2006
Safety - duplication of therapy (separate measures: sulfonyleureas, biguanide, TZD)	The percentage of patients who were dispensed two or more different medications in the same therapeutic class simultaneously.	2006
Safety - duplication of therapy (respiratory)	This measure summarizes the percentage of patients who fill 2 or more prescriptions for different medications within the same therapeutic category for 2 or more consecutive fills.	2006
Efficiency - generic efficiency	Percentage of generic medications used when a generic is available	2006
Efficiency - generic efficiency (adjusted)	Percentage of generic medications used when a generic is available - excludes prescriptions that indicate Dispense as Written (DAQW)	2006

Efficiency - speed to uptake of new generics	Time between the release of a new generic medication and use in a pharmacy or prescription drug plan	2006	
PDC - Antiretroviral agents	The proportion of patients who used antiretroviral medications for the treatment of HIV/AIDS and who exceeded the PDC threshold of <u>90%</u> for <u>at least two</u> antiretroviral drugs.	2008	2011
PDC - Anticonvulsants	The percentage of patients 18 years and older with a diagnosis of epilepsy who were dispensed an anticonvulsant medication during the measurement period and met the Proportion of Days Covered (PDC) threshold of 80 percent.	2008	
PDC - Antidepressant medications (acute phase)	The percentage of patients who were dispensed an antidepressant during the measurement period who met the PDC threshold of 80% (when therapy is initiated)	2008	
PDC - Antidepressant medications (continuation phase)	The percentage of patients who were dispensed an antidepressant during the measurement period who met the PDC threshold of 80%	2008	
Gap - Antidepressant medications	Percentage of patients who have received a prescription for an antidepressant during the measurement period, who experienced a significant gap in medication therapy	2008	

Cardiovascular - Use of statins in patients with Coronary Artery Disease (CAD)	The percentage of adult patients diagnosed with coronary artery disease that received at least one prescription for a HMG-CoA reductase inhibitor (i.e., statin) medication during the measurement period.	2008	2011
Respiratory - Long-acting beta2-agonists in asthma	The percent of asthma patients with an active long-acting beta2-agonist (LABA) prescription who also received an inhaled corticosteroid	2008	
Respiratory - excessive use of long-acting beta-agonists in COPD	Percent of COPD patients with overuse of short-acting bronchodilators with lack of long-acting bronchodilators	2008	
Safety - high-alert drug review (2 indicators)	#1 Percentage of high alert drug reviews conducted by a pharmacy when presented with a high alert durg prescription. #2 Percentage of patients receiving counseling when receiving a prescription for a high alert drug	2008	
Cardiovascular - INR monthly testing for patients on anticoagulants	Average percentage of monthly intervals in which patients having claims for warfarin do not receive an INR test during the measurement period	2008	
Cardiovascular - avoidance of chronic NSAIDS in patients with heart failure	The proportion of patients with a documented diagnosis of heart failure that do not receive dispensings for an NSAID	2008	

Diabetes - percent of diabetic patients receiving at least 2 A1c tests per year	Percentage of diabetic patients receiving at least two hemoglobin A1c test during the measurement year	2008	
Diabetes - percent of diabetic patients receiving at least 1 microalbumin test per year	Percentage of diabetic patients receiving at least one microalbumin urine screen during the measurement year	2008	
Diabetes - percent of diabetic patients receiving at least 1 LDL test per year	Percentage of diabetic patients receiving at least one LDL-C screening during the measurement year	2008	
MTM - percent of MTM-eligible members who received MTM services	The percentage of patients that are pre-qualified for MTM and receive the service	2008	
MTM - percent of MTM-eligible members who declined MTM services	The percentage of beneficiaries identified as meeting the criteria of an MTM program who decline to enroll	2008	
MTM - Proportion of MTM-eligible members who received a Comprehensive Medication Review (CMR)	The percentage of prescription drug plan members who met eligibility criteria for medication therapy management (MTM) services and who received a comprehensive medication review (CMR) during the eligibility period.	2008	2011

MTM - percent of MTM-eligible patients who received a personal medication list	The percentage of patients/caregivers pre-qualified to receive a CMR as part of the MTM program who receive a reconciled personal medication list and the provision of this list is documented in the patient's record.	2008
Medication Reconciliation - patient personal medication list portability	The percentage of patient encounters where the patient is provided a reconciled personal medication list compared to the number of patient encounters.	2008
Medication Reconciliation - evidence of a patient's personal medication list	The percentage of patient encounters where a patient's personal medication list is available	2008
Medication Reconciliation - patient's personal medication list discrepancies resolved	The percentage of the patient's personal medication list discrepancies resolved per patient encounter compared to the patient's personal medication list discrepancies identified per patient encounter	2008
Medication Reconciliation - personal medication list creation	The percentage of patients where a documented personal medication list was created among patients without a documented personal medication list	2008
Medication Reconciliation - patient's personal medication list comprehensive review and reconciliation	The proportion of pharmacist-patient encounters where a patient's personal medication list is reviewed, updated, and reconciled.	2008

Health Promotion - % of older adult patients screened for flu vaccination	Number of patients screened by pharmacy personnel to ascertain their most recent influenza immunization in a given calendar year	2008
Health Promotion - # of flu vaccinations administered by pharmacist	Number of patients who receive an influenza vaccine directly from a pharmacist in a given calendar year	2008
Health Promotion - # of flu vaccinations facilitated by pharmacist	Number of patients who receive an influenza vaccine given by another provider as a result of indirect pharmacist advocacy and facilitation in a given year	2008
Health Promotion- tobacco cessation (screening)	The percentage of patients who were screened for tobacco use disorder	2008
Health Promotion - tobacco cessation (intervention offered)	The percentage of patients with a positive tobacco screen who were offered some type of tobacco cessation intervention	2008
Health Promotion - tobacco cessation (intervention offered and accepted)	The percentage of patients with a positive tobacco screen who accepted some type of tobacco cessation intervention	2008

Health Promotion - tobacco cessation (intervention provided)	The percentage of patients with a positive tobacco screen who were provided some type of tobacco cessation intervention	2008
Medication Reconciliation - High risk patients making transition to ambulatory care with medication reconciliation at community pharmacy	Percent of high risk patients with a new prescription or renewal of a prescription for whom their medications were reconciled	2009
MTM - intervention for adherence problems	The percent of patients using (a specific therapeutic class) and identified as not reaching the PDC threshold in the pre-measurement period who receive a comprehensive medication review or other MTM service intended to resolve the identified medication problem and met the Proportion of Days Covered (PDC)	2009
MTM - intervention for high-risk medications	Proportion of members receiving an MTM intervention who discontinue use of a high-risk medication (HRM) that had been present before the intervention	2009
MTM - intervention for suboptimal hypertension tx in diabetes	Proportion of diabetic members on hypertensive medications receiving an MTM intervention who initiated use of an ACEI/ARB medication after the intervention	2009
MTM - intervention for lack of asthma controller	Proportion of members with uncontrolled asthma who received an MTM intervention and initiated use of an asthma-controller medication after the intervention	2009

MTM - intervention for poorly controlled diabetes	Percentage of patients with diabetes with HbA1c a > 9% identified through the MTM program who recieve a CMR or other MTM service and at remeasurement are at or below 9%	2009
Health Promotion - % of patients with herpes zoster vaccination at pharmacy	Percentage of patients 60 years of age and older who have received a zoster vaccine directly from the pharmacy	2009





















































