

Appendix 3

Metrics and Hypotheses

ACHI is a nonpartisan, independent, health policy center that serves as a catalyst to improve the health of Arkansans.



1401 West Capitol Avenue
Suite 300, Victory Building
Little Rock, Arkansas 72201
www.achi.net

HCIP Waiver Evaluation Planning: State's Medicaid Reporting Measures

Hypotheses

Metric Number	Indicator	Metric Name	Description	Data Source	Hypotheses			
					1. Access	2. Outcomes	3. Continuity	4. Cost
1	Medicaid Adult Core #1; CAHPS-H16; NCQA 0039	Flu Shots for Adults Ages 50 to 64	Rolling average represents the percentage of Medicaid enrollees ages 50 to 64 that received an influenza vaccination between September 1 of the measurement year and the date when the CAHPS 5.0H survey was completed	Survey	X	X		
2	Medicaid Adult Core #3; NQF 0031	Breast Cancer Screening	Percentage of women ages 42 to 69 that received a mammogram in the measurement year or the year prior to the measurement year	Medical claims	X	X		
3	Medicaid Adult Core #4; NQF 0032	Cervical Cancer Screening	Percentage of women ages 24 to 64 that received one or more PAP tests during the measurement year or the two years prior to the measurement year	Medical claims	X	X		
4	Medicaid Adult Core #7; NQF 1768	Plan All-Cause Readmission Rate	For enrollees age 18 and older, the number of acute inpatient stays during the measurement year that were followed by an acute readmission for any diagnosis within 30 days and the predicted probability of an acute readmission	Medical claims		X		
5	Medicaid Adult Core #9; PQI 01; NQF 0272	Diabetes Short-Term Complications Admission Rate	Number of discharges for diabetes short-term complications per 100,000 enrollees age 18 and older	Medical claims		X		
6	Medicaid Adult Core #10; PQI 05; NQF 0275	Chronic Obstructive Pulmonary Disease (COPD) Admission Rate	Number of discharges for COPD per 100,000 enrollees age 18 and older	Medical claims		X		
7	Medicaid Adult Core #10; PQI 08; NQF 0277	Congestive Heart Failure (CHF) Admission Rate	Number of discharges for CHF per 100,000 enrollees age 18 and older	Medical claims		X		
8	Medicaid Adult Core #11; PQI 15; NQF 0283	Adult Asthma Admission Rate	Number of discharges for asthma per 100,000 enrollees age 18 and older	Medical claims		X		

Metric Number	Indicator	Metric Name	Description	Data Source				
					1. Access	2. Outcomes	3. Continuity	4. Cost
9	Medicaid Adult Core #13; NQF 0576	Follow-Up After Hospitalization for Mental Illness	Percentage of discharges for enrollees age 21 and older that were hospitalized for treatment of selected mental health disorders and who had an outpatient visit, an intensive outpatient encounter, or partial hospitalization with a mental health practitioner within 7 days of discharge and within 30 days of discharge	Medical claims		X		
10	Medicaid Adult Core #16; NQF 0403	Annual HIV/AIDS Medical Visit	Percentage of enrollees age 18 and older with a diagnosis of HIV/AIDS and with at least two medical visits during the measurement year, with a minimum of 90 and 180 days between each visit	Medical claims	X	X		
11	Medicaid Adult Core #18; NQF 0063	Comprehensive Diabetes Care: LDL-C Screening	Percentage of enrollees ages 18 to 75 with diabetes (type 1 and type 2) that had a LDL-C screening test	Medical claims		X		
12	Medicaid Adult Core #19; NQF 0057	Comprehensive Diabetes Care: Hemoglobin A1c Testing	Percentage of enrollees ages 18 to 75 with diabetes (type 1 and type 2) that had a Hemoglobin A1C test	Medical claims		X		
13	Medicaid Adult Core #20; NQFA 0105	Antidepressant Medication Management	Percentage of Medicaid enrollees age 18 and older with a diagnosis of major depression, that were newly treated with antidepressant medication, and who remained on an antidepressant medication treatment for at least 84 days (12 weeks) and for at least 180 days (6 months)	Medical claims		X		
15	HEDIS NQF 1879	Adherence to Antipsychotics for Individuals with Schizophrenia	The percentage of members 18 or older during the measurement year with schizophrenia who were dispensed and remained on an antipsychotic medication for at least 80% of their treatment period.	Medical claims	X	X		
16	Medicaid Adult Core #26; NQF 1517	Postpartum Care Rate	Percentage of deliveries the year prior to the measurement year and that had a postpartum visit on or between 21 and 56 days after delivery.	Medical claims	X			

Metric Number	Indicator	Metric Name	Description	Data Source				
					1. Access	2. Outcomes	3. Continuity	4. Cost
17	HEDIS; NQF 0071	Persistence of Beta-Blocker Treatment After a Heart Attack	The percentage of members 18 years of age and older during the measurement year who were hospitalized and discharged alive from July 1 of the year prior to the measurement year to June 30 of the measurement year with a diagnosis of AMI and who received persistent beta-blocker treatment for six months after discharge.	Medical claims		X		
18	NQF 0543	Adherence to Statin Therapy for Individuals with Coronary Artery Disease	The percentage of individuals with Coronary Artery Disease (CAD) who are prescribed statin therapy that had a Proportion of Days Covered (PDC) for statin medications of at least 0.8 during the measurement period (12 consecutive months).	Medical and pharmacy claims		X		
19	HEDIS NQF 0021	Annual monitoring for patients on persistent medications	The percentage of members 18 years of age and older who received at least 180 treatment days of ambulatory medication therapy for select therapeutic agent during the measurement year and at least one therapeutic monitoring event for the therapeutic agent in the measurement year. For each product line, report each of the four rates separately and as a total rate. <ul style="list-style-type: none"> • Annual monitoring for members on angiotensin converting enzyme (ACE) inhibitors or angiotensin receptor blockers (ARB). • Annual monitoring for members on digoxin. • Annual monitoring for members on diuretics. • Annual monitoring for members on anticonvulsants. • Total rate (the sum of the four numerators divided by the sum of the four denominators). 	Medical claims		X		
20	HEDIS	Adults' Access to Preventive/ Ambulatory Health Services	Utilization rates per 1000 enrollees	Medical claims	X			
21	HEDIS	Frequency of Selected Procedures	Utilization for selected procedures per 1000 enrollees	Medical claims	X			

Metric Number	Indicator	Metric Name	Description	Data Source				
					1. Access	2. Outcomes	3. Continuity	4. Cost
22	HEDIS	Ambulatory Care (Outpatient ER)	Utilization for selected procedures per 1000 enrollees	Medical claims	X			
23	HEDIS	Inpatient Utilization—General Hospital/ Acute Care	Inpatient service use by age	Medical claims	X			
24	CAHPS-4; NQF 0006	Got care for illness/injury as soon as needed	Survey based assessment of enrollee experiences	Survey	X			
25	CAHPS-6; NQF 0006	Got non-urgent appointment as soon as needed	Survey based assessment of enrollee experiences	Survey	X			
26	CAHPS-9; NQF 0006	How often it was easy to get necessary care, tests, or treatment	Survey based assessment of enrollee experiences	Survey	X			
27	CAHPS-10; NQF 0006	Have a personal doctor	Survey based assessment of enrollee experiences	Survey	X			
28	CAHPS-18; NQF 0006	Got appointment with specialists as soon as needed	Survey based assessment of enrollee experiences	Survey	X			
29	CAHPS-HP1; NQF 0007	Number of months or years in a row enrolled in health plan	Survey based assessment of enrollee experiences	Survey			X	
30	CAHPS-8; NQF 0007	Rating of all health care	Survey based assessment of enrollee experiences	Survey		X		
31	CAHPS-16; NQF 0007	Rating of personal doctor	Survey based assessment of enrollee experiences	Survey		X		
32	CAHPS-20; NQF 0007	Rating of specialist	Survey based assessment of enrollee experiences	Survey		X		
33	CAHPS-26; NQF 0007	Rating of health plan	Survey based assessment of enrollee experiences	Survey		X		
34	CAHPS-I1; NQF 0007	Needed interpreter to help speak with doctors or other health providers	Survey based assessment of enrollee experiences	Survey	X			
35	CAHPS-I2; NQF 0007	How often got an interpreter when needed one	Survey based assessment of enrollee experiences	Survey	X			
36	CAHPS-PD1; NQF 0007	Had same personal doctor before joining plan	Survey based assessment of enrollee experiences	Survey		X	X	

Metric Number	Indicator	Metric Name	Description	Data Source				
					1. Access	2. Outcomes	3. Continuity	4. Cost
37	CAHPS-PD2; NQF 0007	Easy to get personal doctor you were happy with	Survey based assessment of enrollee experiences	Survey		X		
38	CAHPS-AR1; NQF 0007	Days wait time between making appointment and seeing provider	Survey based assessment of enrollee experiences	Survey	X			
39	CAHPS-AR2; NQF 0007	How often had to wait for appointment because of provider's lack of hours/availability	Survey based assessment of enrollee experiences	Survey	X			
40	CAHPS-R1; NQF 0007	Easy to get a referral to a specialist	Survey based assessment of enrollee experiences	Survey	X	X		
41	CAHPS-UT1; NQF 0007	Times visited emergency room	Survey based assessment of enrollee experiences	Survey	X	X		
42	AR Medicaid Eval 02	Non-emergency transportation access	Use of non-emergency transportation services	Transportation data	X			
43	AR Medicaid Eval 03	Continuity of PCP care	Consistent use of the same primary care provider over time--proportion of primary care visits with same PCP	Medical claims	X		X	
44	AR Medicaid Eval 04	Continuity of Specialist care	Consistent use of the same specialist provider over time--proportion of type specific same specialist visits over time	Medical claims	X		X	
45	AR Medicaid Eval 05	PCP Network Adequacy	Adequacy of primary care provider network for enrolled populations--proportion of service area without primary care coverage within 30 miles	Carrier / Medicaid geomaps	X			
46	AR Medicaid Eval 06	PCP Network Accessibility	Accessibility of primary care provider network for enrolled populations--proportion of enrollees with primary care accessible within 30 miles	Carrier / Medicaid geomaps	X			
47	AR Medicaid Eval 07	Specialist network adequacy	Adequacy of specialist provider network for enrolled populations--proportion of service area without specialist coverage within 60 miles	Carrier / Medicaid geomaps	X			
48	AR Medicaid Eval 08	Specialist network accessibility	Accessibility of specialist network for enrolled populations--proportion of enrollees with specialist accessible within 60 miles	Carrier / Medicaid geomaps	X			
49	AR Medicaid Eval 09	Total and subgroup enrollment within carrier (e.g., market penetration)	Carrier, and carrier by market specific enrollment data	Enrollment			X	

Metric Number	Indicator	Metric Name	Description	Data Source				
					1. Access	2. Outcomes	3. Continuity	4. Cost
50	AR Medicaid Eval 10	Total and subgroup enrollment within each plan (e.g., plan differentiation)	Carrier, and carrier by market, and carrier by market by plan specific enrollment data	Enrollment			X	
51	AR Medicaid Eval 11	Total and subgroup enrollment within each method of entry (e.g., enrollment path)	Carrier specific enrollment path	Enrollment			X	
52	AR Medicaid Eval 12	Total and subgroup enrollment within each market (e.g., geographic uptake variation)	Carrier by market specific enrollment path	Enrollment			X	
53	AR Medicaid Eval 13	Total and Subgroup Medicaid Clinical costs	Direct payments by state Medicaid per enrollee	Cost				X
54	AR Medicaid Eval 14	Total and Subgroup Medicaid Administrative costs	Direct administrative costs attributed per enrollee	Cost				X
55	AR Medicaid Eval 15	Total and Subgroup Plan Admin Costs per Enrollee	Direct wrap costs attributed per enrollee	Cost				X
56	AR Medicaid Eval 16	Total startup programmatic costs (e.g., medical needs screener)	Total Program Start Costs	Cost				X
57	AR Medicaid Eval 17	Total startup programmatic costs (e.g., medical needs screener)	Direct Premium Assistance paid per enrollee	Cost				X
58	AR Medicaid Eval 18	Total and Subgroup Plan Admin Costs per Enrollee	Estimated plan administrative costs for premium assistance	Cost				X
59	AR Medicaid Eval 19	Arkansas Program Characteristics	Arkansas specific health insurance exchange program characteristics (e.g., number of plans per market area, actuary risk, average 2nd lowest premium cost)	Cost				X
60	AR Medicaid Eval 20	Contiguous State Program Characteristics	Contiguous state specific health insurance exchange program characteristics	Cost				X
61	AR Medicaid Eval 21	Regional average program characteristics	Regional average state specific health insurance exchange program characteristics	Cost				X