

Medicaid Managed Care and HIV SNPs Efficiency Adjustment

Prevention Quality Indicators

Pediatric Quality Indicators

Potentially Preventable Emergency Room Visits

December 4, 2014



Agenda

- Overview
- Existing vs New Methodology
- Definitions / Exclusions / Methods
- Statewide and Regional Results
- Plan Specific Results
- Next Steps



Overview

- Collaborative effort between the OQPS Bureau of Health Informatics, the OHIP Division of Finance and Rate Setting, 3M and Mercer.
- Efficiency Metric analysis on Mainstream HMO & PHSPs and HIV SNP Health Plans
 - Non Dual Eligible
 - Encounter Data Admits/ER Visits and Costs

Existing Methodology

- Efficiency adjustments were first incorporated into Managed Care plan premiums in April 2011 commensurate with Medicaid Redesign.
- Adjustment is based on the Mercer Low Acuity Non-Emergent (LANE) measure and preventable admissions.
- Currently, \$131.4M is withheld from plan premiums related to the Mercer LANE and preventable admission metrics.
 - Premium reductions are applied regionally by premium group

New Methodology

- Goal is to align plan efficiency metrics with the Delivery System Reform Incentive Payment (DSRIP) Program.
- The Department will work with 3M and Mercer to incorporate these metrics into a **plan specific** efficiency adjustment for Mainstream and HIV SNP health plans.
- Managed Care plan efficiency adjustments will be based on the following metrics:
 - AHRQ Prevention Quality Indicators(PQIs) - Overall Composite
 - AHRQ Pediatric Quality Indicators(PDIs) - Overall Composite
 - 3M Potentially Preventable Emergency Department Visits(PPVs)
 - Potentially Preventable Ancillary Services(PPSs)

Prior Health Plan Meeting Discussions

- December 2012 - The Office of Quality and Patient Safety presented plan specific data on PQIs/PDIs. Additionally, this data is compiled and presented annually as part of the Quality Incentive adjustment.
- October 2013 - 3M provided an overview and presented plan specific data on the PPV and PPS metrics.

Efficiency Metric Definitions

Metric	Definition
PQI Overall Composite	Prevention Quality Indicators (PQI) overall composite per 1000 member years, ages 18 years and older (non dual). Includes admissions for one of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, angina without a cardiac procedure, dehydration, bacterial pneumonia, or urinary tract infection.
PDI Overall Composite	Pediatric Quality Indicators (PDI) overall composite per 1000 member years, ages 3 months to 17 years (non dual). Includes admissions for one of the following conditions: asthma, diabetes with short-term complications, gastroenteritis, or urinary tract infection.
Potentially Preventable Visits	Potentially Preventable Visits (PPVs) per member per year are emergency visits for ambulatory sensitive conditions (e.g., asthma) which should be able to be reduced or eliminated with adequate patient monitoring and follow-up (e.g., medication management). Enrollees that are dual eligible or were born during the measurement year are excluded.

Methods

- Inclusions
 - Only managed care admits/visits
 - Valid managed care member months
 - Non duals
- Exclusions
 - Dual (Medicare/Medicaid) enrollees
 - GME payments

Methodology

- AHRQ PQI and PDI
- 3M PPV Grouper
- Medicaid eligibility and encounter data, 2013
- Medicaid Population Based Rates
- PPV visits are applied a relative weight
- Observed, Expected and Risk Adjusted Rates:
 - Premium Group (FHPlus, TANF/SN Adult, TANF Child, SSI)
 - Age Group
 - Gender
 - Clinical Risk Group (Prior Year, 2012)
 - Missing Values Assigned '11 - Non User'

How To Interpret Rates

Metric	Rate	Calculation
PQI Composite	Rate Per 1000 Member Years	$((\Sigma(\text{PQI})/\Sigma(\text{MM})) * 12) * 1000$
PDI Composite	Rate Per 1000 Member Years	$((\Sigma(\text{PDI})/\Sigma(\text{MM})) * 12) * 1000$
PPV (Weighted)	Rate Per Member Per Year	$(\Sigma(\text{PPV Visit Weights})/\Sigma(\text{MM})) * 12$

- Rates may be affected by encounter data reporting accuracy and completeness.

Top 20 PPV EAPGs

EAPG Description

562 INFECTIONS OF UPPER RESPIRATORY TRACT

661 LEVEL II OTHER MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE DIAGNOSES

628 ABDOMINAL PAIN

871 SIGNS, SYMPTOMS & OTHER FACTORS INFLUENCING HEALTH STATUS

627 NON-BACTERIAL GASTROENTERITIS, NAUSEA & VOMITING

674 CONTUSION, OPEN WOUND & OTHER TRAUMA TO SKIN & SUBCUTANEOUS TISSUE

604 CHEST PAIN

675 OTHER SKIN, SUBCUTANEOUS TISSUE & BREAST DISORDERS

808 VIRAL ILLNESS

657 LUMBAR DISC DISEASE

40 SPLINT, STRAPPING AND CAST REMOVAL

564 LEVEL I OTHER EAR, NOSE, MOUTH, THROAT & CRANIAL/FACIAL DIAGNOSES

727 ACUTE LOWER URINARY TRACT INFECTIONS

530 HEADACHES OTHER THAN MIGRAINE

842 ALCOHOL ABUSE & DEPENDENCE

563 DENTAL & ORAL DISEASES & INJURIES

673 CELLULITIS & OTHER BACTERIAL SKIN INFECTIONS

752 LEVEL I MENSTRUAL AND OTHER FEMALE DIAGNOSES

576 LEVEL I OTHER RESPIRATORY DIAGNOSES

575 ASTHMA

Regional Results and Ranking

Region	Rates Per 1000 Member Years						Per Member Per Year		
	PQI Composite			PDI Composite			PPV		
	Exp	Ratio	Rank	Exp	Ratio	Rank	Exp	Ratio	Rank
Central	14.21	0.94	4	5.33	0.38	9	0.35	1.15	4
Finger Lakes	14.36	0.85	7	5.55	0.39	8	0.36	1.15	3
Long Island	12.68	1.06	1	5.28	1.02	2	0.32	0.97	8
Mid-Hudson	14.62	0.85	8	5.31	0.50	5	0.34	1.12	5
New York City	12.85	1.04	2	5.08	1.27	1	0.32	0.94	9
Northeast	14.90	0.88	5	6.02	0.47	6	0.36	1.39	1
Northern Metro	11.44	1.00	3	5.16	0.57	4	0.31	1.02	7
Utica-Adirondack	13.67	0.85	9	5.32	0.40	7	0.36	1.21	2
Western	15.65	0.88	6	5.13	0.60	3	0.36	1.06	6
Total	13.21	1.00		5.18	1.00		0.33	1.00	

PQI Composite Ratios by Plan by Region

Plan Name	Central	Finger Lakes	Long Island	Mid-Hudson	NYC	Northeast	Northern Metro	Utica - Adiron	Western
Affinity Health Plan			1.09	0.95	1.05		1.33		
Amerigroup			0.99		1.07		1.91		
Amida Care SNP					1.14				
CDPHP	0.80	1.06				0.85			
Excellus	1.04	0.88						0.81	0.91
Fidelis HC NY	0.82	0.86	1.06	0.91	0.84	0.95	0.93	0.90	1.08
Healthfirst			1.32		1.13				
Healthnow		0.59							0.95
HIP / Emblem			0.95		1.24		1.38		
Hudson Health Plan				0.70			0.88		
Independent Health									0.63
Metroplus					1.15				
Metroplus SNP					0.99				
MVP Health Plan		0.64		0.88					0.90
Todays Options Of NY	1.15								
United Healthcare Plan	0.76	0.47	0.89	0.30	0.73	0.21	0.30	0.70	1.63
Univera Community Health		1.26							0.82
VNS Choice SNP					0.95				
Wellcare				1.33	0.64	0.63	1.04		
Total PQI	0.94	0.85	1.06	0.85	1.04	0.88	1.00	0.85	0.88

PDI Composite Ratios by Plan by Region

Plan Name	Central	Finger Lakes	Long Island	Mid-Hudson	NYC	Northeast	Northern Metro	Utica - Adiron	Western
Affinity Health Plan			1.37	0.46	1.59		0.55		
Amerigroup			0.98		1.13		-		
Amida Care SNP					0.83				
CDPHP	0.29	-				0.30			
Excellus	0.39	0.46						0.48	0.60
Fidelis HC NY	0.43	0.41	1.16	0.30	1.13	0.72	0.48	0.41	0.62
Healthfirst			1.02		1.42				
Healthnow		0.26							0.47
HIP / Emblem			0.72		1.36		0.71		
Hudson Health Plan				0.60			0.65		
Independent Health									0.61
Metroplus					1.39				
Metroplus SNP					1.26				
MVP Health Plan		0.38		0.71					0.38
Todays Options Of NY	0.35								
United Healthcare Plan	0.31	-	0.82	-	0.55	0.57	0.66	0.26	-
Univera Community Health		0.16							0.79
VNS Choice SNP					1.75				
Wellcare				0.73	0.74	0.79	0.67		
Total PDI	0.38	0.39	1.02	0.50	1.27	0.47	0.57	0.40	0.60

PPV Ratios by Plan by Region

Plan Name	Central	Finger Lakes	Long Island	Mid-Hudson	NYC	Northeast	Northern Metro	Utica - Adiron	Western
Affinity Health Plan			1.01	1.11	0.97		1.16		
Amerigroup			0.92		0.86		1.16		
Amida Care SNP					0.96				
CDPHP	1.08	0.88				1.38			
Excellus	1.17	1.01						1.41	1.29
Fidelis HC NY	1.19	1.34	1.01	0.82	0.79	1.38	0.68	1.14	1.32
Healthfirst			1.12		1.03				
Healthnow		1.33							1.14
HIP / Emblem			0.92		0.89		1.17		
Hudson Health Plan				1.34			1.30		
Independent Health*									0.07
Metroplus					1.28				
Metroplus SNP					1.03				
MVP Health Plan		0.94		1.20					1.51
Todays Options Of NY	1.13								
United Healthcare Plan	1.01	0.72	0.81	1.05	0.50	1.03	1.00	1.06	1.57
Univera Community Health		1.21							1.22
VNS Choice SNP					0.62				
Wellcare				1.17	0.64	1.70	0.46		
Total PPV	1.15	1.15	0.97	1.12	0.94	1.39	1.02	1.21	1.06

*Independent Health has an emergency room data reporting issue.

Health Plan Results

Health Plan Name	PQI			PDI			PPV		
	Exp	Ratio	Rank	Exp	Ratio	Rank	Exp	Ratio	Rank
Affinity Health Plan	11.91	1.07	6	5.30	1.35	4	0.33	1.00	11
Amerigroup	10.43	1.07	7	5.00	1.12	7	0.31	0.86	15
Amida Care SNP	51.00	1.14	5	10.35	0.83	8	0.65	0.96	13
CDPHP	17.12	0.85	14	6.04	0.28	19	0.37	1.34	2
Excellus	14.23	0.90	10	5.12	0.51	15	0.36	1.20	6
Fidelis HC NY	12.04	0.89	11	4.92	0.77	9	0.33	0.99	12
Healthfirst	14.10	1.15	3	5.52	1.38	3	0.33	1.03	9
Healthnow	16.77	0.84	15	5.25	0.40	17	0.36	1.19	7
HIP / Emblem	14.88	1.18	1	5.26	1.21	6	0.33	0.91	14
Hudson Health Plan	14.87	0.79	16	5.54	0.62	12	0.34	1.31	3
Independent Health*	20.03	0.63	19	5.70	0.59	13	0.38	0.07	19
Metroplus	13.36	1.15	4	5.20	1.38	2	0.32	1.28	4
Metroplus SNP	48.79	0.99	8	8.23	1.26	5	0.58	1.03	10
MVP Health Plan	16.16	0.88	12	5.73	0.50	16	0.37	1.34	1
Todays Options Of NY	16.15	1.15	2	5.44	0.34	18	0.37	1.13	8
United Healthcare Plan	10.86	0.76	17	4.68	0.59	14	0.31	0.61	18
Univera Community Health	15.24	0.87	13	5.32	0.68	11	0.36	1.22	5
VNS Choice SNP	53.95	0.95	9	4.69	1.75	1	0.63	0.62	17
Wellcare	9.68	0.72	18	4.17	0.72	10	0.29	0.73	16
Total	13.21	1.00		5.18	1.00		0.33	1.00	

*Independent Health has an emergency room data reporting issue.

Next Steps

Action	Target
Plan review of preliminary results and feedback to the Department	January 2015
Department to provide preliminary PPS data results	January 2015
The Department, Mercer, and 3M to develop methodology for converting results into a premium adjustment	January/February 2015
Methodology presented to associations and plans	February 2015
Feedback from associations and plans on methodology	February/March 2015
Methodology incorporated into April 2015 premiums	March 2015