The Primary Care Clinician (PCC) Plan A Primary Care Case Management Plan External Quality Review Technical Report Calendar Year 2017



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PERFORMANCE MEASURE VALIDATION REVIEWER

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SECTION I: INTRODUCTION

The Balanced Budget Act of 1997 was an omnibus legislative package enacted by the United States Congress with the intent of balancing the federal budget by 2002. Among its other provisions, this expansive bill authorized states to provide Medicaid benefits (except to special needs children) through managed care entities. Regulations were promulgated including those related to the quality of care and service provided by managed care entities to Medicaid beneficiaries. An associated regulation requires that an External Quality Review Organization (EQRO) conduct an analysis and evaluation of aggregated information on quality, timeliness, and access to the health care services that a managed care entity or its contractors furnish to Medicaid recipients. In Massachusetts, KEPRO has entered into an agreement with the Commonwealth to perform EQR services to its contracted managed care entities, i.e., managed care organizations, integrated care organizations (effective September 30, 2016), prepaid inpatient health plans, primary care case management plans, and senior care organizations.

The MassHealth Primary Care Clinician Plan is classified as a primary care case management plan. Because it is a state-operated plan, it is not subject to the external quality review requirements of the Balanced Budget Act. The state voluntarily participates in the performance measure validation process.

KEPRO's report on the Primary Care Clinician Plan follows.

SCOPE OF THE EXTERNAL QUALITY REVIEW PROCESS

KEPRO validated two administrative performance measures and one hybrid measure for the PCC Plan in the CY 2017 review cycle. It also conducted an information systems capabilities analysis.

PRIMARY CARE CLINICIAN (PCC) PLAN DESCRIPTION

The MassHealth Primary Care Clinician (PCC) Plan is a primary care case management managed care program administered by the Executive Office of Health and Human Services (EOHHS). As of December 26, 2016, 385,912 individuals statewide were enrolled in the PCC Plan. Members' behavioral health services are managed through the Massachusetts Behavioral Health Partnership (MBHP), a Beacon Health Options company.

SECTION II: PERFORMANCE MEASURE VALIDATION

The Performance Measure validation process assesses the accuracy of performance measures reported by the managed care entity. It determines the extent to which the managed care entity follows state specifications and reporting requirements. In addition to validation processes and the reported results, KEPRO evaluates performance trends in comparison to national benchmarks as well as any interventions the plan has in place to improve upon reported rates and health outcomes. KEPRO validates two to three performance measures annually for the PCC Plan.

METHODOLOGY

The two-step Performance Measure Validation process consists of a desk review of documentation submitted by the managed care organization as well as an onsite review. The desk review affords the reviewer an opportunity to become familiar with plan systems and data flows. At the onsite review, the reviewer confirms information contained in the Data Acquisition Questionnaire, inspects information systems, and by interviewing staff, obtains clarification about performance measurement and information transfer processes.

MassHealth requested the validation of three HEDIS® performance measures for the PCC Plan:

- 1. Diabetes Screening for People with Schizophrenia or Bipolar Disorder Who Are Using Antipsychotic Medications (SSD) The percentage of members 18-64 years of age with schizophrenia or bipolar disorder, who were dispensed an antipsychotic medication and had a diabetes screening test during the measurement year.
- 2. **Postpartum Care component of Prenatal and Postpartum Care (PPC)** The percentage of deliveries that had a postpartum visit on or between 21 and 56 days after delivery.
- 3. Annual Monitoring for Patients on Persistent Medications (MPM) The percentage of adults who had persistent use of a medication and had a least one monitoring event for that medication during the measurement year. Three individual rates (annual monitoring for members on 1. ACE or ARB medication¹; 2. digoxin; and 3. diuretics) and a total rate are reported. It was the total rate that was validated in Calendar Year 2017.

¹ Angiotensin II receptor blockers (ACE OR ARB medication) can be used to treat coronary artery disease, heart failure, high blood pressure, or kidney disease. ACE is an acronym for "angiotensin-converting enzyme (ACE) inhibitor." ARB is an acronym for "angiotensin II receptor blocker (ARB)."

For the 2016 external quality review, the PCC Plan submitted the documentation that follows:

Document Submitted	Purpose of KEPRO Review
Data Acquisition Questionnaire	Reviewed to assess health plan systems and processes
	related to performance measure production.
2016 HEDIS Interactive Data Submission	Used to compile final rates for comparison to prior years'
System (IDSS) and previous two years	performance and industry standard benchmarks.
IDSS, as available	
List of numerator positives for hybrid	Used to generate a random sample of medical records for
measure, and medical records for	independent review to confirm accuracy of medical
randomly selected sample as requested	record review process.
by auditor	
Follow-up documentation as requested	To obtain missing or incomplete information, support and
by the reviewer	validate plan processes, and verify the completeness and
	accuracy of information provided in the Roadmap, onsite
	interviews, and systems demonstrations.

INFORMATION SYSTEMS CAPABILITY ASSESSMENT

The focus of the Information Systems Capability Assessment is on the components of the PCC Plan's information systems that contribute to performance measure production. This is to ensure that the system can collect data on enrollee and provider characteristics and on services furnished to enrollees through an encounter data system or other methods. The system must be able to ensure that data received from providers are accurate and complete and verify the accuracy and timeliness of reported data; screen the data for completeness, logic, and consistency; and collect service information in standardized formats to the extent feasible and appropriate.

Claims and Encounter Data

PCC Plan claims and encounters are processed in the Massachusetts Medicaid Management Information System (MMIS). MMIS captures all necessary fields for HEDIS reporting. Standard coding was used and there was no use of non-standard codes. Most claims were submitted electronically and there were adequate monitoring processes in place to identify issues. MMIS had sufficient claims editing and coding review processes. For the small volume of paper claim submissions, MassHealth's Customer Service vendor, Maximus, was responsible for the direct data entry function of paper claims. There were no concerns with the processing of electronic or manual claims. The PCC Plan contracted with the Massachusetts Behavioral Health Partnership (MBHP) to process behavioral health claims. MBHP processed claims using all standard codes, standard claims forms, and the capture of all required fields. The PCC Plan had robust processes in place for tracking and reporting of MBHP data including flags for alert when the volume change was greater or less than 5 percent of monthly volume. The PCC Plan contracted with DXC, a Xerox company, to process pharmacy claims. DXC processed the pharmacy claims through the pharmacy online payment system (POPS) and the PCC Plan paid pharmacy claims. There were adequate processes in place to monitor pharmacy data including processes to reconcile pharmacy reversals. There were no concerns identified with data completeness. There were no issues identified with claims or encounter data processing.

Enrollment Data

The PCC Plan processed enrollment data using the MMIS system. All necessary enrollment fields are captured for HEDIS reporting. Member enrollment data was housed within MMIS. Enrollment data was fed into MMIS by the Health Insurance Exchange (HIX) managed by Optum, which processed incoming applications and determined eligibility. In addition, the MA-21 system was used to capture disability and long-term needs eligibility. MAXIMUS served as the customer service center and updated eligibility information directly into the live system. Eligibility information from these sources updated within 24 hours. The PCC Plan used eligibility information within MMIS and used the member Medicaid identification (ID) number. There were no issues identified with enrollment processes.

Medical Record Review

The Prenatal and Postpartum Care Postpartum numerator is the only PCC Plan Performance Measure Validation indicator calculated using medical records. The medical record review that was conducted for the numerator was fully accurate. A sample of 30 numerator-positive hybrid cases and all hybrid exclusions were reviewed during the onsite visit and all were in full compliance with the HEDIS specifications.

Supplemental Data

The PCC Plan did not use supplemental data sources. Therefore, this section was not applicable.

Data Integration

The PCC Plan's performance measure rates were produced using Cognizant software. Data from the transaction system, MMIS, were loaded to the data warehouse. Vendor data feeds from MBHP and POPS were also loaded to the warehouse. Data were then formatted into Cognizantcompliant extracts and loaded into the measure production software. The PCC Plan had adequate processes to track completeness and accuracy of data at each transfer point. Preliminary rates were thoroughly reviewed by the plan. During the onsite audit, PCC Plan staff members provided a system demonstration of Cognos, the front-end view of the data warehouse. There were no issues identified with the HEDIS data integration processes.

Source Code

The PCC Plan used NCQA-certified Cognizant HEDIS software to produce performance measures. Cognizant received NCQA measure certification to produce the performance measures under the scope of this review. There were no source code issues identified.

PERFORMANCE MEASURE RESULTS

Graphs that depict the PCC Plan's performance in measures selected by MassHealth for validation follow. The NCQA National Medicaid Quality Compass 90th percentile is included for comparison purposes.

Diabetes Screening for People with Schizophrenia or Bipolar Disorder Who Are Using Antipsychotic Medications (SSD) - The PCC Plan's SSD performance rate increased 0.16 percentage points between HEDIS[®] 2016 and 2017. This change was not statistically significant. The plan's performance rate is between the 33rd and 50th Medicaid National Quality Compass percentiles, which is unchanged from last year.

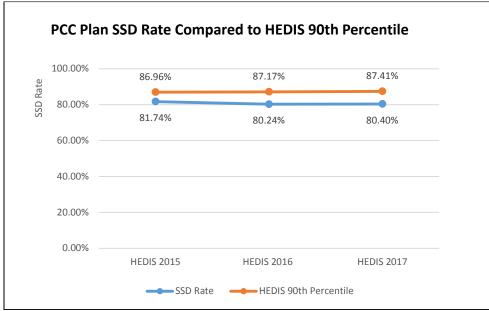


Exhibit 1: HEDIS 2017 PPC Plan SSD Performance

Postpartum Care (PPV) – Calendar Year 2017 represents the first year in which the PPV measure was validated for the PCC Plan. The PCC Plan's 60.58% performance rate falls between the 25th and 33rd percentiles of the NCQA Medicaid National Quality Compass.

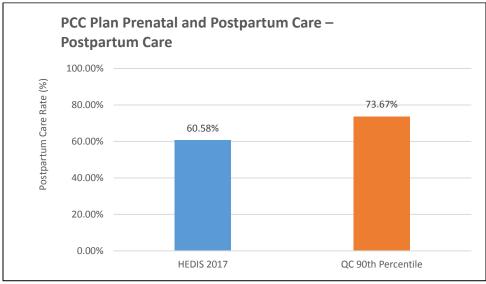


Exhibit 2: HEDIS 2017 PPC Plan Postpartum Care Performance

Annual Monitoring for Patients on Persistent Medications (MPM) – Calendar Year 2017 also represents the first year in which the MPM measure was validated for the PCC Plan. Its 89.46% performance rate falls between the 66th and 75th percentiles of the NCQA Medicaid National Quality Compass.

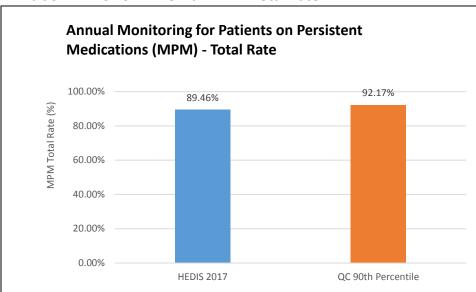


Exhibit 3: HEDIS 2017 PPC Plan MPM Total Rate

MEASURE-SPECIFIC VALIDATION DESIGNATION

The table below depicts the validation designation for each of the measure validated by KEPRO in Calendar Year 2017.

Exhibit 4. Medsure specification valuation besignation				
Measure-Specific Validation Designation				
Performance Measure	Validation Designation	Definition		
Diabetes Screening for People	Valid measure (no bias)	Measure data were compliant		
with Schizophrenia or Bipolar		with NCQA specifications and		
Disorder Who Are Using		the data, as reported, were		
Antipsychotic Medications (SSD)		valid.		
Postpartum Care component of	Valid measure (no bias)	Measure data were compliant		
Prenatal and Postpartum Care		with NCQA specifications and		
		the data, as reported, were		
		valid.		
Annual Monitoring for Patients	Valid measure (no bias)	Measure data were compliant		
on Persistent Medications (MPM)		with NCQA specifications and		
		the data, as reported, were		
		valid.		

Exhibit 4.	Measure-Specification	Validation Designation
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PLAN & PROJECT STRENGTHS

The PCC Plan:

- Uses an NCQA-certified vendor for the HEDIS code.
- Collects, reports, and undergoes an audit of performance measures on a voluntary basis which provides transparency and accountability of performance.
- Staff are knowledgeable and proficient in performance measure data collection and reporting processes.
- Has a well-documented process and measure-specific forms that were used to conduct internal primary source verification for members in the Cognizant measure-specific data and trace back into the source systems' data to confirm that the software logic was being applied correctly.

OPPORTUNITIES

- The PCC Plan performance rate for SSD represents an opportunity for improvement as the HEDIS 2017 rate is below the Quality Compass 50th national Medicaid percentile.
- The PCC Plan performance rate for Postpartum Care represents an opportunity for improvement as the HEDIS 2017 rate is below the Quality Compass 50th national Medicaid percentile.

RECOMMENDATIONS

• KEPRO recommends that the PCC Plan consider using supplemental data for PMV measure reporting.

FOLLOW UP TO CALENDAR YEAR 2016 RECOMMENDATIONS

CMS requires that EQROs follow up on the status of recommendations made in the prior reporting year. An update on calendar year 2016 PMV recommendation follows:

Exhibit 5: Update on PCC Plan 2016 Recommendations

Recommendations Made in 2016	2017 Follow Up
Consider conducting root-cause analyses	PCCP partners well with MBHP to improve
with MBHP and explore the feasibility of	performance measures.
developing targeted interventions aimed at	
improving performance measure rates.	

CONCLUSION

In summary, KEPRO's validation review of the selected performance measures indicates that the Primary Care Clinician Plan's measurement and reporting processes were fully compliant with specifications and were methodologically sound.

APPENDIX. PERFORMANCE VALIDATION WORKSHEETS

KEPRO uses the following ratings for PM review elements:

- Met: The PCC Plan correctly and consistently evidenced review element,
- **Partially met**: The PCC Plan partially or inconsistently evidenced review element; and
- **Not met**: The PCC Plan did not evidence review element or incorrectly evidenced review element.

PERFORMANCE MEASURE VALIDATION: DIABETES SCREENING FOR PEOPLE WITH SCHIZOPHRENIA OR BIPOLAR DISORDER WHO ARE USING ANTIPSYCHOTIC MEDICATIONS (SSD)

Methodology for Calculating Measure:	Administrative	Medical Record	Hybrid
		Review	

Review Element	Rating	Comments
DENOMINATOR	[Met /	[Comments apply only if
	Partially met	review element is rated
Population	/ Not met]	partially met or not met.]
Medicaid population was appropriately segregated from other	Met	
product lines.		
Members were aged 18-64 years of age.	Met	
Population was defined as being continuously enrolled during	Met	
the measurement year, with no more than a one-month gap.		
Members with schizophrenia or bipolar disorder were	Met	
appropriately identified.		
Geographic Area	•	
Includes only those Medicaid enrollees served in the PCC Plan's	Met	
reporting area.		
NUMERATORS	•	
Administrative Data: Counting Clinical Events		
Standard codes listed in NCQA specifications or properly	Met	
mapped internally developed codes were used		
All code types were included in analysis, including CPT, ICD10,	Met	
and HCPCS procedures, and UB revenue codes, as relevant.		
Members were counted only once.	Met	
Data sources used to calculate the numerator (e.g., claims files,	Met	
provider files, and pharmacy records, including those for		
members who received the services outside the plan's		
network, as well as any supplemental data sources) were		
complete and accurate.		
<u>Data Quality</u>	1	
Based on the IS assessment findings, the data sources used	Met	
were accurate.		
Appropriate and complete measurement plans and	Met	
programming specifications exist that include data sources,		
programming logic, and computer source code.		
Proper Exclusion Methodology in Administrative Data (if no exclusion	<u>sions were take</u>	<u>n, mark as N/A)</u>
Members with diabetes were excluded (required exclusion).	Met	
Members with no antipsychotic medications dispensed during	Met	
the measurement year were excluded (required exclusion).		
Members who were dispensed insulin or oral hypoglycemics/	Met	
antihyperglycemics during the measurement year or year prior		
to the measurement year on an ambulatory basis (required		
exclusion).		

PERFORMANCE MEASURE VALIDATION: POSTPARTUM CARE - POSTPARTUM

Methodology for Calculating Measure:	Administrative	Medical Record Review	Hybrid
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Review Element	Rating	Comments
DENOMINATOR	[Met /	[Comments apply only if
	Partially met	review element is rated
Population	/ Not met]	partially met or not met.]
Medicaid population was appropriately segregated from other	Met	
product lines.		
Members were continuously enrolled 43 days prior to delivery	Met	
through 56 days after delivery.		
Women with live births were appropriately identified using	Met	
both specified methods.		
Geographic Area		
Includes only those Medicaid enrollees served in the MCO's	Met	
reporting area.		
NUMERATOR – POSTPARTUM CARE		
Counting Clinical Events		
Standard codes listed in NCQA specifications or properly	Met	
mapped internally developed codes were used.		
Data sources and decision logic used to calculate the	Met	
numerators (e.g., claims files, including those for members who		
received the services outside the plan's network, as well as any		
supplemental data sources) were complete and accurate.		
Members with postpartum visits within the postpartum	Met	
timeframe were counted.		
Data Quality		
Based on the IS assessment findings, the data sources for this	Met	
denominator were accurate.		
Appropriate and complete measurement plans and	Met	
programming specifications exist that include data sources,		
programming logic, and computer source code.		
Proper Exclusion Methodology in Administrative Data (if no exclusion		n, mark as N/A)
There were no exclusions for this measure.	N/A	
Medical Record Review Documentation Standards		
Record abstraction tool required notation of the date of	Met	
enrollment, date of delivery, and the date/number of prenatal		
visits and date/content of postpartum visits.		
<u>Data Quality</u>	ſ	
The eligible population was properly identified.	Met	
Based on the IS assessment findings, data sources used for this	Met	
numerator were accurate.		
<u>Hybrid Measure</u>		
If hybrid measure was used, the integration of administrative	Met	
and medical record data was adequate.		
If hybrid method or solely MRR was used, the results of the	N/A	
MRR validation substantiated the reported numerator.		

SAMPLING		
Unbiased Sample		
As specified in the NCQA specifications, systematic sampling	Met	
method was utilized.		
<u>Sample Size</u>		
After exclusions, the sample size was equal to 1) 411, 2) the	Met	
appropriately reduced sample size, which used the current		
year's administrative rate or preceding year's reported rate, or		
3) the total population.		
Proper Substitution Methodology in Medical Record Review (if no	exclusions were	e taken, mark as N/A)
Excluded only members for whom MRR revealed 1)	Met	
contraindications that correspond to the codes listed in		
appropriate specifications as defined by NCQA, or 2) data		
errors.		
Substitutions were made for properly excluded records and the	Met	
percentage of substituted records was documented.		

PERFORMANCE MEASURE VALIDATION: ANNUAL MONITORING FOR PATIENTS ON PERSISTENT MEDICATIONS (MPM)

Methodology for Calculating Measure:	Administrative	Medical Record Review	Hybrid

Review Element	Rating	Comments
DENOMINATOR	[Met / Needs	[Comments apply only if
Devulation	improvement	review element is rated needs
<u>Population</u>	/ Not met]	improvement or not met.]
Medicaid population was appropriately segregated from other	Met	
product lines.		
Members received at least 180 treatment days of ACE/ARB,	Met	
digoxin, or diuretic medications.		
<u>Geographic Area</u>		
Includes only those Medicaid enrollees served in the MCO's	Met	
reporting area.		
<u>Age & Sex:</u>		
Enrollment Calculation	I	
Members are aged 18+ as of December 31 of the	Met	
measurement year.		
Population was defined as being continuously enrolled during	Met	
the measurement year, with no more than a one-month gap.		
Data Quality	•	
Based on the IS assessment findings, the data sources for this	Met	
denominator were accurate.		
Appropriate and complete measurement plans and	Met	
programming specifications exist that include data sources,		
programming logic, and computer source code.		
Proper Exclusion Methodology in Administrative Data (if no exclu	<u>isions were taker</u>	n, mark as N/A)
Members who had an inpatient (acute or non-acute) claim	Met	
during the measurement year were excluded (optional		
exclusion).		
NUMERATOR		
Administrative Data: Counting Clinical Events	•	
Standard codes listed in NCQA specifications or properly	Met	
mapped internally developed codes were used.		
All code types were included in analysis, including CPT, ICD10,	Met	
and HCPCS procedures, and UB revenue codes, as relevant.		
Members were counted only once.	Met	
Members taking ACE/ARB or diuretics had at least one serum	Met	
potassium test and at least one serum creatinine in the		
measurement year. Members taking digoxin had at least one		
serum potassium test, at least one serum creatinine, and at		
least one serum digoxin therapeutic monitoring test in the		
measurement year.		

Review Element	Rating	Comments
Data sources used to calculate the numerator (e.g., claims	Met	
files, provider files, and pharmacy records, including those for		
members who received the services outside the plan's		
network, as well as any supplemental data sources) were		
complete and accurate.		

PERFORMANCE MEASURE SAMPLING VALIDATION

Review Element	Rating	Comments
The PCC Plan followed the specified sampling method to pro-	duce an unbiased	sample representative of the
entire at-risk population.		
Each relevant member or provider had an equal chance of	NA	
being selected; there were no systematic exclusions from		
the sample.		
The PCC Plan followed the specifications set forth in the	NA	
PM regarding the treatment of sample exclusions and		
replacements, and if any activity took place involving		
replacements or exclusions, the PCC Plan has adequate		
documentation of that activity.		
Each provider serving a given number of enrollees had the	NA	
same probability of being selected as any other provider		
serving the same number of enrollees.		
The PCC Plan mined its samples files for bias, and if any	NA	
bias was detected, the PCC Plan has documentation		
describing efforts taken to correct for that bias.		
The sampling methodology treated all measures	NA	
independently, and there is no correlation between		
drawn samples.		
Relevant members or providers who were not included in	NA	
the sample for the baseline measurement had the same		
chance of being selected for the follow-up measurement		
as those included in the baseline.		
The PCC Plan maintains its performance measurement popul	lation files / datas	sets in a manner allowing a
sample to be re-drawn, or used as a source for replacement.		
The PCC Plan has policies and procedures to maintain files	NA	
from which samples are drawn in order to keep the		
population intact in the event that a sample must be re-		
drawn, or replacements made, and documentation that		
the original population is intact.		
Samples sizes met the requirements of performance	NA	
measure specifications.		
The PCC Plan appropriately handles the documentation	NA	
and reporting of the measure if the requested sample size		
exceeds the population size.		
The PCC Plan properly over-sampled in order to	NA	
accommodate potential exclusions.		
Substitution applied only to those members who met the	NA	
exclusion criteria specified in performance measure		
definitions or requirements.		
The PCC Plan made substitutions for properly excluded	NA	
records and documented the percentage of substituted		
records.		

PERFORMANCE MEASURE DENOMINATOR VALIDATION

PENFUNMANGE MEAJUNE DER	Patin -	Comments
Review Element	Rating	Comments
The PCC Plan included all members of the relevant populations identified in performance measure		
specifications in the population from which each denominat		
The PCC Plan included in the initial populations from	Met	
which the final denominators were produced all members		
eligible to receive the specified services. This at-risk		
population included both members who received the		
services, as well as those who did not receive the services.		
The same standard applied to provider groups or other		
relevant populations identified in the specifications of		
each performance measure.		
For each performance measure, the PCC Plan	Met	
appropriately applied according to specifications		
programming logic or source code identifying, tracking,		
and linking member enrollment within and across product		
lines, by age and sex, as well as through any periods of		
enrollment and disenrollment.		
The PCC Plan correctly carried out and applied to each	Met	
applicable performance measure calculations continuous		
enrollment criteria.		
The PCC Plan used proper mathematic operations to	Met	
determine patient age or range.		
The PCC Plan can identify the variable(s) that define the	Met	
member's sex in every file or algorithm needed to		
calculate performance measure denominators, and the		
PCC Plan can explain what classification it carried out if		
neither of the required codes were present.		
For each applicable performance measure, the PCC Plan	Met	
correctly calculated member months and member years.		
The PCC Plan properly evaluated the completeness and	Met	
accuracy of any codes used to identify medical events,		
such as diagnoses, procedures, or prescriptions, and		
appropriately identified and applied these codes as		
specified by each performance measure.		
The PCC Plan followed any time parameters required by	Met	
PM specifications; examples include cutoff dates for data		
collection, or counting 30 calendar days after discharge		
from a hospital.		
The PCC Plan followed performance measure	Met	
specifications or definitions that excluded members from		
a denominator. For example, if a performance measure		
relates to a specific service, the denominator may have		
required adjustment to reflect any instances in which the		
patient refuses the service or the service is		
contraindicated.		

PERFORMANCE MEASURE NUMERATOR VALIDATION

Review Element	Rating	Comments
The PCC Plan used all appropriate data to identify the entire		
The PCC Plan used appropriate data including linked data	Met	
from separate datasets, to identify the entire at-risk	iviet	
population.	Mat	
The PCC Plan utilized procedures to capture data for those	Met	
performance indicators that could easily be		
underreported due to the availability of services outside		
of the PCC Plan.		
The PCC Plan properly identified qualifying medical events, s		procedures, and prescriptions,
and confirmed those events for inclusion in terms of time an		
The PCC Plan's use of codes to identify medical events	Met	
was complete, accurate, and specific in correctly		
describing what had transpired and when.		
The PCC Plan correctly evaluated medical event codes	Met	
when classifying members for inclusion in or exclusion		
from the numerator.		
The PCC Plan avoided or eliminated all double-counted	Met	
members or numerator events.		
The PCC Plan adhered to any parameters required by	Met	
performance measure specifications (e.g., the measure		
event occurred during the time period that the		
performance measure specified or defined).		
The PCC Plan made substitutions for properly excluded	Met	
records and documented the percentage of substituted		
records.		
The PCC Plan carried out medical record reviews and	Met	
abstractions in a manner that facilitated the collection of		
complete, accurate, and valid data.		
Record review staff were properly trained and supervised	Met	
for the task.		
Record abstraction tools required the appropriate	Met	
notation that the measure event occurred.		
Record abstraction tools required notation of the results	Met	
or findings of the measured event, as applicable.		
Data in the record extract files were consistent with data	Met	
in the medical records as evidenced by a review of a		
sample of medical records for applicable performance		
measures.		
The process of integrating administrative and medical	Met	
record data for the purpose of determining the numerator		
was consistent and valid.		

DATA AND PROCESSES TO CALCULATE AND REPORT PERFORMANCE MEASURES

Review Element	Rating	Comments
The PCC Plan has measurement plans and policies stipulating	g and enforcing docu	umentation of data
requirements, issues, validation efforts, and results.		
The PCC Plan documented data file and field definitions	Met	
for each performance measure.		
The PCC Plan documented maps to standard coding if not	Met	
used in the original data collection.		
The PCC Plan conducted statistical testing of results and	Met	
made any correction or adjustments after processing.		
The PCC Plan documented all data sources, including	Met	
external data (whether from a vendor, public registry, or		
other outside source), and any prior years' data, if		
applicable.		
The PCC Plan documented detailed medical record review	NA	
methods and practices, including the qualifications of		
record review supervisors and staff persons; training		
materials; tools, including completed copies of each		
record-level reviewer determination; all case-level critical		
performance measure data elements to determine either		
a positive or negative event, or exclusion; and inter-rater		
reliability testing procedures and results.		
The PCC Plan documented detailed computer queries,	Met	
programming logic, or source code to identify the		
population or sample for the denominator and/or		
numerator.		
If the PCC Plan employed sampling, the PCC Plan	NA	
documented sampling techniques, and documentation		
that assures the reviewer that the PCC Plan chose samples		
for performance measure baseline and repeat		
measurements that used the same sampling frame and		
methodology.		
The PCC Plan documented calculations for changes in	Met	
performance from previous periods, as applicable,		
including tests of statistical significance.		
Data that are related from measure to measure, such as	Met	
membership counts, provider totals, or number of		
pregnancies and births, are consistent.		
The PCC Plan uses appropriate statistical functions to	Met	
determine confidence intervals when it uses sampling.		
When determining improvement in performance between	Met	
measurement periods, the PCC Plan applies appropriate		
statistical methodology to determine levels of significance		
of changes.		

DATA INTEGRATION AND CONTROL

Review Element	Rating	Comments
The PCC Plan has in place processes to ensure the accuracy of	- 1	assigned performance measure
repository.		5 , 5
The PCC Plan accurately and completely processes	Met	
transfer data from transaction files, such as members,		
provider, and encounter/claims, into the repository used		
to keep the data until the calculations of the performance		
measures have been completed and validated.		
The PCC Plan's processes to consolidate diversified files,	Met	
and to extract required information from the performance		
measure repository, are appropriate.		
Procedures for coordinating the activities of multiple	Met	
subcontractors ensure the accurate, timely, and complete	Wiet	
integration of data into the performance measure		
database.		
Computer program reports or documentation reflect	Met	
vendor coordination activities, and no data necessary to	Wiet	
PM reporting are lost or inappropriately modified during		
transfer.		
The repository's design, program flow charts, and source	Met	
codes enable analyses and reporting.	Wiet	
The PCC Plan employs proper linkage mechanisms to join	Met	
data from all necessary sources; for example, identifying a	WICE	
member with a given disease/condition.		
The PCC Plan follows prescribed cutoff dates.	Met	
The PCC Plan retains copies of files or databases for	Met	
performance measure reporting in the case that it must	Wiet	
reproduce results.		
The PCC Plan properly documented reporting software	Met	
program with respect to every aspect of the performance	Wiet	
measure reporting repository, including building,		
maintaining, managing, testing, and report production.		
The PCC Plan's processes and documentation comply with	Met	
its standards associated with reporting program	Wiet	
specifications, code review, and testing.		
The PCC Plan followed any time parameters required by	Met	
performance measure specifications, such as cutoff dates	Iviet	
for data collection or counting 30 calendar days after		
discharge from a hospital.		
The PCC Plan follows performance measure specifications	Met	
of definitions that exclude eligible members from a	wiet	
denominator. For example, if a measure relates to a select		
age group, the denominator may need to be adjusted to		
reflect only those members within that age group.		