

# COLORADO

Department of Health Care Policy & Financing

# FY 2022–2023 Validation of Performance Measures for Colorado Access Region 5

March 2023

This report was produced by Health Services Advisory Group, Inc., for the Colorado Department of Health Care Policy & Financing.





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# Validation of Performance Measures

# **Validation Overview**

In accordance with 42 CFR §438.330(c), states must require that managed care organizations (MCOs) and Regional Accountable Entities (RAEs) submit performance measurement data as part of their quality assessment and performance improvement programs. The validation of performance measures is one of the mandatory external quality review (EQR) activities that the state Medicaid agencies are required to perform per the Medicaid managed care regulations as described in the Code of Federal Regulations (CFR) §438.358(b)(2). The EQR technical report must include information on the validation of the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and RAEs' performance measures (as required by the state) or the MCOs' and BAEs' performance m

The purpose of performance measure validation (PMV) is to assess the accuracy of performance measures reported by the Department and determine the extent to which the reported rates follow the state specifications and reporting requirements. According to the Centers for Medicare & Medicaid Services (CMS) *Protocol 2. Validation of Performance Measures: A Mandatory EQR-Related Activity, October 2019*,<sup>1</sup> the mandatory PMV activity may be performed by the state Medicaid agency, an agent that is not a RAE, or an external quality review organization (EQRO). Health Services Advisory Group, Inc. (HSAG), the EQRO for the Colorado Department of Health Care Policy & Financing (the Department), conducted the validation activities during fiscal year (FY) 2022–2023.

The Department contracted with seven RAEs to provide mental health services to Medicaid-eligible recipients enrolled in Health First Colorado (Colorado's Medicaid Program). The Department identified a set of incentive performance measures for validation for which the RAEs provided data to the Department for the measurement period of July 1, 2021, through June 30, 2022. All measures were calculated by the Department using data submitted by the RAEs. The measures came from multiple sources, including claims/encounter and enrollment/eligibility data.

<sup>1</sup> Department of Health and Human Services, Centers for Medicare & Medicaid Services. *Protocol 2. Validation of Performance Measures: A Mandatory EQR-Related Activity, October 2019.* Available at: <u>https://www.medicaid.gov/medicaid/quality-of-care/downloads/2019-eqr-protocols.pdf.</u> Accessed on: Nov 30, 2022.



# **Virtual On-Site Visit Information**

Basic information about the virtual on-site visit for **Colorado Access (COA)** appears in Table 1, including the contact information for the virtual on-site visit.

Organization Name:	Colorado Department of Healthcare Policy & Financing	
Contact Name:	Jerry Ware	
Contact Telephone Number:	303.866.2335	
Contact Email Address:	Jerry.Ware@state.co.us	
Virtual On-Site Visit Date:	January 23, 2023	

#### Table 1—Virtual On-Site Visit Information

## **Performance Measures for Validation**

HSAG validated rates for a set of performance measures that were selected by the Department for validation. These measures represented HEDIS-like measures and measures developed by the Department and RAEs. The measures were calculated annually.

Table 2 lists the performance measure indicators that HSAG validated and identifies the entity that was responsible for calculating the rates. The indicators are numbered as they appear in the scope document.

Table 2—List of Performance Measure Indicators for Colorado Access
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	Indicator	Calculated by:
1	Engagement in Outpatient Substance Use Disorder (SUD) Treatment	Department
2	Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition	Department
3	Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder	Department
4	Follow-Up After a Positive Depression Screen	Department
5	Behavioral Health Screening or Assessment for Children in the Foster Care System	Department



# **Description of Validation Activities**

#### **Pre-Audit Strategy**

HSAG conducted the validation activities as outlined in the CMS PMV Protocol. To complete the validation activities, HSAG obtained a list of the performance measures that were selected by the Department for validation.

HSAG prepared a document request letter that outlined the steps in the PMV process. The document request letter included a request for the source code for each performance measure, a completed Information Systems Capabilities Assessment Tool (ISCAT), additional supporting documentation necessary to complete the audit, a timeline for completion, and instructions for submission. When requested, HSAG addressed ISCAT-related questions directly from the Department during the previrtual on-site phase.

Approximately two weeks prior to the virtual on-site visit, HSAG provided the Department with an agenda describing all virtual on-site activities and indicating the type of staff members needed for each session. HSAG also conducted a conference call with the Department prior to the virtual on-site to discuss logistics and expectations, important deadlines, outstanding documentation, and answered questions from the Department.

#### Validation Team

The HSAG PMV team was composed of a lead auditor and several validation team members. HSAG assembled the team based on the skills required for the validation and requirements of the Department. Some team members, including the lead auditor, participated in the virtual on-site meetings at the Department; others conducted their work at HSAG's offices. Table 3 lists the validation team members and their roles, skills, and expertise.

Name and Role	Skills and Expertise	
Elisabeth Hunt, MHA, CPCS, CHCA Executive Director; Lead Auditor	Multiple years of experience in conducting audits, including readiness reviews; medical and pharmacy claims systems reviews; and data validation, analyses, and reporting.	
Matthew Kelly, MBA Project Manager; Secondary Auditor	Multiple years of systems analysis, quality improvement, data review and analysis, and healthcare industry experience.	
Cynthia Zendejas, MHA Project Coordinator	Coordinator for the audit department; supports deliverables and timelines, and coordinates source code review activities.	
Sarah Lemley Source Code Reviewer	Multiple years of audit-related experience; statistics, analysi and source code/programming language knowledge.	

#### Table 3—Validation Team



### Technical Methods of Data Collection and Analysis

The CMS PMV Protocol identifies key types of data that should be reviewed as part of the validation process. The following list describes the type of data collected and how it was analyzed by HSAG:

- Information Systems Capabilities Assessment Tool (ISCAT): The Department completed and submitted an ISCAT of the required measures for HSAG's review. HSAG used the responses from the ISCAT to complete the pre-virtual on-site assessment of information systems.
- Source code (programming language) for performance measures: The Department calculated the performance indicators using source code and was required to submit the source code used to generate each performance measure being validated. HSAG completed a line-by-line review of the supplied source code to ensure compliance with the measure specifications. HSAG identified any areas of deviation from the specifications, evaluating the impact to the measure and assessing the degree of bias (if any). If the Department did not use source code to generate the performance measures, it was required to submit documentation describing the steps taken for the calculation of each of the required performance measures.
- **Supporting documentation:** HSAG requested documentation that would provide reviewers with additional information to complete the validation process, including policies and procedures, file layouts, system flow diagrams, system log files, and data collection process descriptions. HSAG reviewed all supporting documentation, identifying issues or areas needing clarification for further follow up.

#### Virtual On-Site Activities

HSAG conducted a virtual on-site visit with the Department. HSAG collected information using several methods including interviews, system demonstration, review of data output files, primary source verification (PSV), observation of data processing, and review of data reports. The virtual on-site visit activities are described as follows:

- **Opening session:** The opening session included introductions of the validation team and key staff members from the Department involved in the PMV activities. The review purpose, required documentation, basic meeting logistics, and queries to be performed were discussed.
- **Review of ISCAT and supportive documentation:** This session was designed to be interactive with key staff members from the Department so the validation team could obtain a complete picture of the degree of compliance with written documentation. HSAG conducted interviews to confirm findings from the documentation review, expanded or clarified outstanding issues, and ascertained that written policies and procedures were used and followed in daily practice.
- Evaluation of enrollment, eligibility, and claims system and processes: The evaluation included a review of the information systems, with a focus on the processing of claims and encounters, enrollment and disenrollment data, and provider data. HSAG conducted interviews with key staff members familiar with the processing, monitoring, reporting, and calculating of the performance measures. Key staff members included executive leadership, enrollment specialists, business



analysts, and data analytics staff members familiar with the processing, monitoring, and generating of the performance measures.

- **Overview of data integration and control procedures:** The overview included discussion and observation of source code logic, an analysis of how all data sources were combined, and a review of how the analytic file was produced for the reporting of the selected performance indicators. HSAG performed PSV to further validate the output files and reviewed backup documentation on data integration. HSAG also addressed data control and security procedures during this session.
- **Primary source verification (PSV):** HSAG used PSV to further validate the output files. PSV is a review technique used to confirm that the information from the primary source matches the output information used for reporting. The Department provided a listing of the data reported from which HSAG selected sample records.

HSAG selected a random sample from the submitted data and reviewed the date in the Department's systems during the virtual on-site review for verification. This method provided the Department an opportunity to explain its processes as needed for any unique, case-specific nuances that may have impacted final measure reporting. There were specific instances in which a sample case was acceptable based on virtual on-site clarification and follow-up documentation provided by the Department.

Using this method, HSAG assessed the processes used to input, transmit, and track the data; confirm entry; and detect errors. HSAG selected cases across measures to verify that the Department had system documentation that supports the inclusion of the appropriate records for measure reporting.

This method did not rely on a specific number of cases reviewed to determine compliance; rather, it was used to detect errors from a small number of cases. If errors were detected, the outcome was determined based on the type of error. For example, the review of one case may have been sufficient in detecting a programming language error and, as a result, no additional cases related to that issue may have been reviewed. In other scenarios, one case error detected may have resulted in the selection of additional cases to better examine the extent of the issue and its impact on reporting.

• **Closing conference:** The closing conference included a summation of preliminary findings based on the virtual on-site visit and the review of the ISCAT. In addition, the documentation requirements for any post-virtual on-site visit activities were reviewed.



HSAG conducted several interviews with key staff members from the Department who were involved with any aspect of performance indicator reporting. Table 4 displays the Department staff members who attended the virtual on-site visit.

Name Title		
James Bloom	Program Manager, Pharmacy and Behavioral Health Data	
Jerry Ware	Program Management I/Quality Section	
Helen Desta	Quality Section Manager	
Emily Kelley	Quality & Health Improvement Specialist	
Christopher Larson	Statistical Analyst	
Lisa Henningson	Business Analyst, CO InterChange System	
Oswaldo Bernal-Flores	Behavioral Health Data Analyst	
Jake Melicher	Behavioral Health Data Analyst	

Table 4—List of Virtual On-Site Visit Attendees From the Department
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# Data Integration, Data Control, and Performance Measure Documentation

Several aspects involved in the calculation of performance indicator data are crucial to the validation process. These include data integration, data control, and documentation of performance measure calculations. Each of the sections below describes the validation processes used and the validation findings. For more detailed information, please see Appendix B.

#### **Data Integration**

Accurate data integration is essential to calculating valid performance measure data. The steps used to combine various data sources (including claim/encounter, eligibility, and other administrative data) must be carefully controlled and validated. HSAG validated the data integration process, which included a comparison of source data to warehouse files and a review of file consolidations or extracts, data integration documentation, source code, production activity logs, and linking mechanisms. By evaluating linking mechanisms, HSAG was able to determine how different data sources (i.e., claims data and membership data) interacted with one another and how certain elements were consolidated readily and used efficiently. Overall, HSAG determined that the data integration processes used by the Department were:

$\square A$	cceptable
$\square N$	lot acceptable

#### Data Control

The organizational infrastructure must support all necessary information systems. Each quality assurance practice and backup procedure must be sound to ensure timely and accurate processing of data, as well as provide data protection in the event of a disaster. HSAG validated the data control processes, which included a review of disaster recovery procedures, data backup protocols, and related policies and procedures. Overall, HSAG determined that the data control processes in place at the Department were:

Acceptable

#### **Performance Measure Documentation**

Complete and sufficient documentation is necessary to support validation activities. While interviews and system demonstrations provided supplementary information, the majority of the validation review findings were based on documentation provided by the Department. HSAG reviewed all related documentation, which included the completed ISCAT, job logs, and computer programming code; output files; workflow diagrams; narrative descriptions of performance measure calculations; and other related documentation. Overall, HSAG determined that the documentation of performance measure data collection and calculations by the Department was:

Not acceptable



# **Validation Results**

HSAG evaluated the Department's data systems for the processing of each data type used for reporting the performance indicator data. General findings are indicated below.

#### Eligibility/Enrollment Data System Findings

HSAG identified no concerns with how COA received and processed enrollment data.

**COA** received daily 834 eligibility change files and monthly 834 full eligibility files from the Department's secure file transfer protocol (FTP) site. The daily files contained enrollment and eligibility reinstatements, adds, terminations, and changes. Each monthly file contained all members enrolled for the month in which it was received. Eligibility was determined in the Department's Interchange system, using policy rules as defined by the program and policy staff members at the Department. Each file was automatically downloaded and scrubbed to determine if the record was a duplicate, new entry, or had any errors. If an error was present, **COA** reached out to the State enrollment team at the Department to obtain a resolution, and a manual update would be made in the Department's system until a new 834 file was received. An example of an error included member eligibility changing from one month to the next (e.g., a member is eligible in one month, then shows ineligible for the same month in a future file, etc.). Errors were corrected as the new eligibility files were loaded, since they overwrote the previous information. The Department maintained a change record of eligibility updates. In addition to these checks within the Interchange system, the Department's vendor, International Business Machines (IBM), ran a weekly attribution batch file within its Business Intelligence and Data Management System (BIDM) to determine the best primary care medical provider (PCMP) for each member's needs.

Members were assigned to **COA** based on the provider rendering the service. Since members were assigned this way, the attribution process closed the span before the member would start seeing a new provider in another RAE region. If a member disenrolled and then re-enrolled, he or she kept the same identification (ID) number. If the same member re-enrolled within 60 days of disenrollment, he or she was also attributed to the same PCMP. If a member was not previously enrolled with another RAE, his or her enrollment started the day the Medicaid eligibility information was received from the Colorado Benefits Management System (CBMS). This could occur at any time during the month. If a member moved outside of the region, he or she would not be attributed to the PCMP where the member had historical utilization and would instead be reattributed to the PCMP within the new region where he or she moved. Deceased members were disenrolled on the date of death, which could be retroactively updated.



#### Claims/Encounter Data System Findings

HSAG identified no issues or concerns with how COA received, processed, or reported claims and encounter data.

All encounters were submitted to the Department through Interchange and as a flat file through a secure FTP site on a quarterly basis. Encounters were received and processed the same way and claims were paid weekly. Institutional and professional claims were both submitted through flat files but were paid differently by COA. Institutional claims were paid based on the overall claim, not based on the different lines in the claim. Professional claims were paid based on procedural code. There were certain checks done by the Department to ensure that encounters were being submitted correctly. Checks included ensuring the 837 files met the Health Insurance Portability and Accountability Act (HIPAA) compliance rules and that there were no errors in the data being submitted. There were also checks to ensure the files followed rules based on CMS and State policies. In addition to these checks, the size of the file was checked, as well as row counts and totals of dollars. The types of errors typically observed were formatting errors and missing data from providers. If issues were identified, the Department communicated these errors to COA. If the submission was a complete rejection, which included critical errors such as missing required fields or incorrect payment amounts, COA would then resubmit its updated file within a few business days and did not wait until next quarter's submission to make any corrections. If the submission was a rejection, which included minor errors such as a missing diagnostic code or missing provider ID, COA would wait until the next quarter's submission to make the corrections.

**COA** also submitted a flat file through a secure FTP site quarterly to the Department in addition to the 837 file that was submitted by the middle of the month for the previous quarter. The flat file was used because **COA** had continued challenges with submission of the 837 files to the Department due to field value rejections. The Department indicated that most rejections occurred because of provider enrollment issues and out-of-date information from the RAEs. If the file was rejected, the Department communicated the rejection to **COA**, and **COA** resubmitted the file within a week. The Department also used data from fee-for-service (FFS) encounters for measure calculation. The Department demonstrated alignment with the performance measure specifications in its determination of appropriate provider billing type data based on the FFS files, since FFS codes could be billed by non-behavioral health providers to which the performance measures did not apply.



#### **Data Integration**

HSAG identified no issues or concerns with how the Department integrated COA's data and calculated measures.

The Department had adequate validation and reconciliation processes in place at each data transfer point to ensure data completeness and data accuracy. All cases were identified based on the description provided in the *Regional Accountable Entity Behavioral Health Incentive Specification Document SFY 2021–2022.* **COA** submitted the flat files, which the Department used to determine the denominator for each indicator. The exclusions were calculated separately for the flat file and the FFS encounters, then combined with the flat files to calculate the rates. All files were submitted to the Department quarterly. Quarterly checks of the flat file and FFS data were completed separately, then another check was completed after the data were combined to ensure accuracy. The Department indicated that it will implement a process to share quarterly updates of indicator calculations with **COA** to provide **COA** with an opportunity to compare the data to **COA**'s expected rates. Additionally, an annual check was performed by the Department in December 2022. The annual check provided a more in-depth review of the data being submitted by **COA**.

#### Performance Indicator Specific Findings

Based on all validation activities, HSAG determined results for each performance indicator. The CMS PMV Protocol identifies two possible validation finding designations for performance indicators, which are defined in Table 5.

Report (R)	Indicator was compliant with the Department's specifications and the rate can be reported.
Do Not Report (DNR)	This designation is assigned to indicators for which (1) the RAE rate was materially biased or (2) the RAE was not required to report.

According to the protocol, the validation finding for each indicator is determined by the magnitude of the errors detected for the audit elements, not by the number of audit elements determined to be not compliant based on the review findings. Consequently, an error for a single audit element may result in a designation of "DNR" because the impact of the error biased the reported performance indicator by more than 5 percentage points. Conversely, it is also possible that several audit element errors may have little impact on the reported rate, and the measure could be given a designation of "R."



Table 6 through Table 10 display the review findings and key recommendations for **COA** for each validated performance measure. For more detailed information, please see Appendix D.

#### Table 6—Key Review Findings for Colorado Access Indicator 1: Engagement in Outpatient Substance Use Disorder (SUD) Treatment

# Findings The Department calculated this rate based on claims and encounter data received from COA. Encounter data were submitted to the Department in an 837-file format and a flat file format. The Department relied upon the flat file for its rate calculation. Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department HSAG

Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department. HSAG performed PSV during the virtual on-site and identified no discrepancies.

**Key Recommendations** 

HSAG has no recommendations for this indicator.

#### Table 7—Key Review Findings for Colorado Access

Indicator 2: Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition

#### Findings

The Department calculated this rate based on claims and encounter data received from **COA**. Encounter data were submitted to the Department in an 837-file format and a flat file format. The Department relied upon the flat file for its rate calculation.

Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department. HSAG performed PSV during the virtual on-site and identified no discrepancies.

**Key Recommendations** 

HSAG has no recommendations for this indicator.



#### Table 8—Key Review Findings for Colorado Access

Indicator 3: Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder

#### **Findings**

The Department calculated this rate based on claims and encounter data received from **COA**. Encounter data were submitted to the Department in an 837-file format and a flat file format. The Department relied upon the flat file for its rate calculation.

Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department. HSAG performed PSV during the virtual on-site and identified no discrepancies.

**Key Recommendations** 

HSAG has no recommendations for this indicator.

#### Table 9—Key Review Findings for Colorado Access Indicator 4: Follow-Up After a Positive Depression Screen

#### **Findings**

The Department calculated this rate based on claims and encounter data received from **COA**. Encounter data were submitted to the Department in an 837-file format and a flat file format. The Department relied upon the flat file for its rate calculation.

Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department. HSAG performed PSV during the virtual on-site and identified no discrepancies.

#### **Key Recommendations**

HSAG has no recommendations for this indicator.



#### Table 10—Key Review Findings for Colorado Access

Indicator 5: Behavioral Health Screening or Assessment for Children in the Foster Care System

Findings
The Department calculated this rate based on claims and encounter data received from <b>COA</b> . Encounter data were submitted to the Department in an 837-file format and a flat file format. The Department relied upon the flat file for its rate calculation.
Prior to the virtual on-site visit, HSAG reviewed the programming code used by the Department for rate calculation and identified no issues or concerns, and the results were provided to the Department. HSAG performed PSV during the virtual on-site and identified no discrepancies.
Key Recommendations
HSAG has no recommendations for this indicator.

Table 11 lists the validation result for each performance measure indicator for COA.

#	Indicator	Validation Result
1	Engagement in Outpatient Substance Use Disorder (SUD) Treatment	R
2	Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition	R
3	Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder	R
4	Follow-Up After a Positive Depression Screen	R
5	Behavioral Health Screening or Assessment for Children in the Foster Care System	R

#### Table 11—Summary of Results



## **Appendix A. RAE Performance Measure Definitions**

## Indicators

#	Indicator	Calculated by:
1	Engagement in Outpatient Substance Use Disorder (SUD) Treatment	Department
2	Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition	Department
3	Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder	Department
4	Follow-Up After a Positive Depression Screen	Department
5	Behavioral Health Screening or Assessment for Children in the Foster Care System	Department

The Department collaborated with the RAEs to create a scope document that serves as the specifications for the performance measures being validated. Following is the *Regional Accountable Entity Behavioral Health Incentive Specification Document SFY 2021–2022*, Version 2.1, dated July 30, 2021. Please note that the complete scope document is not listed in this appendix. The table of contents and corresponding page numbers have been modified for use in this report; however, the verbiage for the measures validated under the scope of the review is reproduced in its entirety.

APPENDIX A. RAE PERFORMANCE MEASURE DEFINITIONS



# **Regional Accountable Entity**

Behavioral Health Incentive Specification Document

# SFY 2021-2022



# COLORADO

Department of Health Care Policy & Financing

This document includes the details for calculations of the Regional Accountable Entity Behavioral Health Incentive Measures for the seven Regional Accountable Entities. All measures are calculated using paid claims/encounters data.



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	Incentive Performance Measures							
Indicator 1	Engagement in Outpatient Substance Use Disorder (SUD) Treatment	HCPF	A-4					
Indicator 2	Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition	HCPF	A-9					
Indicator 3	Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder	HCPF	A-15					
Indicator 4	Follow-Up after a Positive Depression Screen	HCPF	A-21					
Indicator 5	Behavioral Health Screening or Assessment for Children in the Foster Care System	HCPF	A-25					



# **Indicator 1: Engagement in Outpatient Substance Use Disorder (SUD) Treatment**

#### **Measure Description**

The percentage of members who had two or more outpatient services for a primary diagnosis of SUD on or within 30 days of their first episode of substance use disorder treatment.

Measurement Period

Triggering event: July 1, 2021 to June 1, 2022

Full measurement period: July 1, 2021 to June 30, 2022

#### Denominator

Members will be included in the denominator if they are enrolled in the ACC and received an intake service for a primary covered SUD diagnosis (see Appendix A). For an outpatient visit, or intensive outpatient visit use the first date of service to determine the intake date. For an episode of detoxification use the last date of the first detox episode to determine the intake date.

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Enrolled in the ACC	1		and	During evaluation period
		Codes to Identify Detoxi H0010 H0011 Codes to Identify Outpatient Outpatient Visit HCPCS	or or Intensive	
Initiated treatment for a primary Covered SUD diagnosis (see Appendix A)	1	G0176, G0177, H0001, H0002, H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036, S9480, S9485, T1006, T1012	or	During the evaluation period



СРТ	
99202, 99203, 99204, 99205,	
99211, 99212, 99213, 99214,	
99215, 99217, 99218, 99219,	
99220, 99221, 99222, 99223,	
99231, 99232, 99233, 99238,	
99239, 99251, 99252, 99253,	
99254, 99255, 99242, 99242,	
99243, 99244, 99245, 99341,	
99342, 99343, 99344, 99345,	
99347, 99348, 99349, 99350,	
90791, 90792, 90832, 90833,	
90834, 90836, 90837, 90838,	
90839, 90840, 90847, 90849,	
90853, 90875, 90876	

#### **Population Exclusions**

Members are excluded if there is previous substance use treatment history in the past 60 days.

#### Numerator

Members in the denominator who have had at least two or more outpatient visits or intensive outpatient encounters with any primary SUD diagnosis (see Appendix A) on or within 30 days after the date of the initiation encounter (inclusive). Multiple engagement visits may occur on the same day.

#### Notes:

- 1. Do not count events that include inpatient detoxification or detoxification codes (see table below) when identifying engagement of SUD treatment.
- 2. Billing provider type is only used on FFS data for the calculation of this metric.

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Members included in the denominator	1		and	During evaluation period
Two or more outpatient visits with a PCMP	1	90791, 90832, 90834, 90837, 90846, 90847	or	Within 30 days after initiation encounter



		Codes to Identify O	utpatien Visi		e Outpatient	
		НСРС		Billing Provider Type		
Two or more outpatient visits or intensive outpatient encounters with a primary covered SUD diagnosis (see	1	G0176, G0177, H0001, H0002, H0004, H0005, H0006, H0007, H0015, H0020, H0022, H0031, H0032, H0033, HH0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036, H0032, S9480, S9485, T1006, T1012	with	63, 64, 37, 35, 38, 25	or	Within 30 days after initiation encounter
Appendix A).		CPT 99202-99205, 99211-99215, 99217-99220, 99221-99223, 99231-99233, 99238, 99239, 99251-99255, 99242-99245, 99341-99345, 99347-99350, 90791, 90792, 90832-90834, 90836-90840, 90847, 90849,	With	Billing Provider Type 63, 64, 37, 35, 38, 25	or	



90853, 90875,				
90876				
U	JB Revenue	e Codes		
The organization doe	es not need	d to determine	ne practitioner	
type for follow-up v	risits ident	ified by the	following UB	
Revenue codes. V				W.1. 20
Revenue codes mu				Within 30
primary covered S				days after
	Appendix	0	15 0040 (500	initiation
Revenue Code		Billing		encounter
Kevenue Coue		Provider		
		Туре		
	with	01	or	
0529, 0900, 0914,	vv 1t11	01		
0915, 1000, 1002		02		
UB Revenue	Cada 0000	with the fell	arrina	
OB Revenue		with the foll	owing	
 CDT/IICDC		יווים		
CPT/HCPC		Billing		
		Provider		
 		Туре		
00176 00177		22.45		
G0176, G0177,		32, 45		
		2		
H0001, H0002,		, , , , , , , , , , , , , , , , , , ,		
H0004, H0005,				
H0004, H0005, H0007, H0015,				
H0004, H0005, H0007, H0015, H0020, H0022,				Within 30
H0004, H0005, H0007, H0015,				Within 30 days after
H0004, H0005, H0007, H0015, H0020, H0022,				
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033,	with		or	days after
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036, S9480, S9485,	with		or	days after initiation
H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0038, H0039, H0040, H2000, H2001, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036,	with		or	days after initiation



99211-99215,		
99217-99220,		
99221-99223,		
99231-99233,		
99238, 99239,		
99251-99255,		
99242-99245,		
99341-99345,		
99347-99350,		
90791, 90792,		
90832-90834,		
90836-90840,		
90847, 90849,		
90853, 90875,		
90876		

# **Continuous Enrollment Criteria**

Members must be continuously enrolled in the ACC on the date of intake through 30 days after the intake date, with no gaps.

#### **Data Source**

RAE claims/encounter systems

FFS Claims

#### **Calculation of Measure**

This measure will be calculated by the Department.



# **Indicator 2: Follow-up appointment within 7 days of an Inpatient Hospital discharge for a mental health condition**

#### **Measure Description**

The percentage of member discharges from an inpatient hospital episode for treatment of a primary covered mental health diagnosis to the community or a non-24-hour treatment facility who were seen on an outpatient basis by a mental health provider on or within 7 days of discharge.

Measurem<u>ent Period</u>

Triggering event: July 1, 2021 to June 24, 2022

Full measurement period: July 1, 2021 to June 30, 2022

#### Denominator

Members will be included in the denominator if they are enrolled in the ACC and received a discharge from an inpatient hospital episode for treatment of a primary covered mental health diagnosis (See Appendix A) to the community or a non-24-hour treatment facility.

#### Notes:

- 1. The Department will not exclude state hospital stays not paid under Medicaid due to lack of data.
- 2. Billing provider type is only used on FFS data for the calculation of this metric.

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Enrolled in the ACC	1		and	
		UB Revenue Code		During
Member discharge from an inpatient hospital episode for a primary		100-219 or 0100-0219		evaluation period
covered mental health diagnosis (see Appendix A).	1			

#### **Population Exclusions**

Members with a non-acute care discharge will be excluded from the denominator based on the chart below.



Codes to Identify Non-Acute Care									
Condition Description	Provider		UB Revenue	UB Type of Bill	POS				
Hospice			0115, 0125, 0135, 0145, 0155, 0650, 0656, 0658, 0659	81x, 82x	34				
SNF			019x	21x, 22x	31, 32				
Hospital transitional care, swing bed or rehabilitation				18x, 28x					
Rehabilitation			0118, 0128, 0138, 0148, 0158						
Respite			655						
Intermediate care facility					54				
Residential substance abuse treatment facility			1002		55				
Psychiatric residential treatment center		H0017-H0019	1001		56				
Psychiatric residential treatment center (when services are paid for by Fee For Service)	30		0911						
Residential Child Care Facility (when services are paid for by Fee For Service)	52	90791, 90792, 90785, 90832, 90834, 90837, 90846, 90847, 90853, 96101, 96102, 90833, 90836, 90839, 90840, 90863			11, 14				
Comprehensive inpatient rehabilitation facility					61				

Other non-acute care facilities that do not use the UB Revenue or type of bill codes for billing (e.g. ICF, SNF)

#### The following are exclusions from the denominator:

- If the discharge is followed by readmission or direct transfer to an emergency department for a primary diagnosis of mental health- within the 7-day follow-up period, count only the readmission discharge or the discharge from the emergency department to which the patient was transferred.
- Exclude discharges followed by admission or direct transfer to an acute or nonacute facility within the 7-day follow-up period, regardless of primary diagnosis for the admission.

These discharges are excluded from the measure because hospitalization or transfer may prevent an outpatient follow-up visit from taking place.

#### Numerator

Members in the denominator who were seen on an outpatient basis (this excludes case management) with a mental health provider on or within 7 days of discharge.

#### Notes:

Condition # Criteria						
Condition Description	# Event	Detaile	Detailed Criteria			Timeframe
Member included in the denominator	1		and			Within 7 days of the discharge
Outpatient visit with a PCMP	1	90791, 90832, 90834, 90837, 90846, 90847			or	Within 7 days of the discharge
		Codes to I	dentify Men	tal Health V	visits	
Mental health (outpatient) follow-up		HCPCS		Billing Provider Type		Within 7
visit with a mental health provider	1	G0176, G0177, H0002, H0004, H0031, H0034- H0037, H0039, H0040, H2000, H2001, H2011,	with	37, 35, 38, 28	or	days of the discharge

1. Billing provider type is only used on FFS data for the calculation of this metric.





<b>Revenue Code</b> 0900, 0914, 0915, 0529	with	Billing Provider Type 01	or	
The organization do type for follow-up v Revenue codes. Visi codes must be used covered Mental Hea	Within 7 days of the discharge			
CPT 90791, 90792, 90832, 90834, 90837, 90839, 90847, 90849, 90853, 90870, 90875, 90876, 99221-99223, 99231-99233, 99238, 99239, 99251-99255	with <b>UB Revenue</b>	Provider <u>Type</u> 37, 35, 38, 28 Codes	or	
H2012, H2014- H2018, H2022, M0064, S9480, S9485 <b>CPT</b> 98960-98962, 99201-99205, 99211-99215, 99217-99220, 99242-99245, 99341-99345, 99347-99350	with	Billing Provider Type 37, 35, 38, 28 Billing	or	



<b>UB</b> Revenu	e Code 0900	with the follo	owing	
СРТ/НСРС		Billing Provider Type		
G0176, G0177, H0002, H0004, H0031, H0034- H0037, H0039, H0040, H2000, H2001, H2011, H2012, H2014- H2018, H2022, M0064, S9480, S9485, 98960- 98962, 99201- 99205, 99211- 99215, 99217- 99220, 99242- 99245, 99341- 99345, 99347- 99350, 90791, 90792, 90832, 90834, 90837, 90839, 90847, 90849, 90853, 90870, 90875, 90876, 99221- 99223, 99231- 99233, 99231- 99239, 99251- 99255	with	32, 45	or	Within 7 days of the discharge

\* For each denominator event (discharge), the follow-up visit must occur after the applicable discharge. An outpatient visit on the date of discharge should be included in the measure.

#### Continuous Enrollment Criteria

Members must be continuously enrolled in the ACC from date of discharge for 7 days, with no gaps.

#### **Data Source**

#### RAE claims/encounter systems

FFS Claims

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# **Calculation of Measure**

This measure will be calculated by the Department.



# **Indicator 3: Follow-up Appointment within 7 days of an Emergency Department (ED) visit for a Substance Use Disorder**

#### **Measure Description**

The percentage of member discharges from an emergency department episode for treatment of a covered substance use disorder (SUD) to the community or a non-24-hour treatment facility who were seen on an outpatient basis by a behavioral health provider on or within 7 days of discharge.

Measurement Period

Triggering event: July 1, 2021 to June 24, 2022

Full measurement period: July 1, 2021 to June 30, 2022

Denominator

Members will be included in the denominator if they are enrolled in the ACC and received a discharge from an emergency department episode for treatment of a primary covered substance use disorder diagnosis (see Appendix A) to the community or a non-24-hour treatment facility.

#### Notes:

- 1. The Department will not exclude state hospital stays not paid under Medicaid due to lack of data.
- 2. Billing provider type is only used on FFS data for the calculation of this metric.

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Enrolled in the ACC	1		and	
		UB Revenue Code		
Member discharge from an emergency department episode for a primary	1	45x or 045x	or	During evaluation
substance use disorder diagnosis (see Appendix A).	1	СРТ	•	period
		99281-99285	or	

#### **Population Exclusions**

Members with a non-acute care discharge will be excluded from the measure.



Codes to Identify Non-Acute Care							
Condition Description	Billing Provider Type	HCPCS	UB Revenue	UB Type of Bill	POS		
Hospice			0115, 0125, 0135, 0145, 0155, 0650, 0656, 0658, 0659	81x, 82x	34		
SNF			019x	21x, 22x	31, 32		
Hospital transitional care, swing bed or rehabilitation				18x, 28x			
Rehabilitation			0118, 0128, 0138, 0148, 0158				
Respite			655				
Intermediate care facility					54		
Residential substance abuse treatment facility			1000		55		
Psychiatric residential treatment center		H0017-H0019	1001		56		
Psychiatric residential treatment center (when services are paid for by Fee For Service)	30		0911				
Residential Child Care Facility (when services are paid for by Fee For Service)	52	90791, 90792, 90785, 90832, 90834, 90837, 90846, 90847, 90853, 96101, 96102, 90833, 90836, 90839, 90840, 90863			11, 14		
Comprehensive inpatient rehabilitation facility					61		



Other non-acute care facilities that do not use the UB Revenue or type of bill codes for billing (e.g. ICF, SNF)

#### The following are exclusions from the denominator:

- If the discharge is followed by readmission or direct transfer to an emergency department for a primary diagnosis of substance use disorder (SUD) within the 7-day follow-up period, count only the readmission discharge or the discharge from the emergency department to which the patient was transferred.
- Exclude discharges followed by admission or direct transfer to an acute or nonacute facility within the 7-day follow-up period, regardless of primary diagnosis for the admission.

These discharges are excluded from the measure because hospitalization or transfer may prevent an outpatient follow-up visit from taking place.

#### Numerator

Members in the denominator who were seen on an outpatient basis (this excludes case management) with a behavioral health provider on or within 7 days of discharge.

Condition Description	# Event	Detailed	Criteri	a	Criteria Connector	Timeframe
Member included in the denominator	1				and	Within 7 days of the discharge
Outpatient visit with a PCMP	1	90791, 90832, 90834, 90837, 90846, 90847			or	Within 7 days of the discharge
		Codes to	Identify	Detoxificati	on	
Substance Use Disorder (outpatient) follow-up visit with a behavioral health provider	1	HCPCS H2036 H0010 H0011	with	<b>Billing</b> <b>Provider</b> <b>Type</b> 63, 64, 37, 35, 38, 25	or	



Codes to Identify Behavioral Health Visits				
	_	Billing		
HCPC		Provider		
		Туре		
G0176, G0177,		63, 64,		
H0001, H0002,		37, 35,		
H0004, H0005,		38, 25		
H0006, H0007,				
H0015, H0020,				
H0022, H0031,				
H0032 H0033,				Within 7
H0034, H0035,	with		or	days of the
H0036, H0037,				discharge
H0039, H0040,				U
H2000, H2001,				
H2012, H2013,				
H2014, H2015,				
H2016, H2017,				
H2018, H2035,				
H2036, S9480,				
S9485, T1006,				
T1012				
		Billing		
СРТ		Provider		
		Туре		
99202-99205,		63, 64,		
99211-99215,		37, 35,		
99217-99220,		38, 25		
99221-99223,				
99231-99233,				
99238, 99239,				Within 7
99251-99255,	with		or	days of the
99242-99245,				discharge
99341-99345,				0
99347-99350,				
90791, 90792,				
90832-90834,				
90836-90840,				
90847, 90849,				
90853, 90875,				
90876				



U	B Revenu	e Codes			
practitioner type for following UB Reven following Revenue of	The organization does not need to determine practitioner type for follow-up visits identified by the following UB Revenue codes. Visits identified by the following Revenue codes must be used in conjunction with any primary covered Substance Use diagnosis code (see Appendix A).				
<b>Revenue Code</b> 0529, 0900, 0914,	with	Billing Provider Type	or		
0915, 1000, 1002		01			
UB Revenue	Code 090	0 with the fo	ollowing		
CPT/HCPC S3005, T1007, T1019, T1023, G0176, G0177, H0001, H0002, H0004, H0005, H0007, H0015, H0020, H0022, H0031, H0033, H0034, H0035, H0036, H0037, H0039, H0040,	with	Billing Provider Type 32, 45	or	Within 7 days of the discharge	
H2000, H2001, H2011, H2012, H2013, H2014, H2015, H2016, H2017, H2018, H2035, H2036, S9480, S9485, T1006, T1012 99202-99205, 99211-99215, 99217-99220, 99221-99223, 99231-99233,					



99238, 99239,		
99251-99255,		
99242-99245,		
99341-99345,		
99347-99350,		
90791, 90792,		
90832-90834,		
90836-90840,		
90847, 90849,		
90853, 90875,		
90876		

# **Continuous Enrollment Criteria**

Members must be continuously enrolled in the ACC from date of discharge for 7 days, with no gaps.

#### **Data Source**

RAE claims/encounter systems

FFS Claims

# **Calculation of Measure**

This measure will be calculated by the Department.



# **Indicator 4: Follow-up after a Positive Depression Screen**

#### **Measure Description**

Percentage of members 12 and older engaged in mental health service on or within 30 days of screening positive for depression within a Primary Care Setting (Primary Care Visit as defined by the RAE ACC Well Visit KPI <u>Specification</u> and <u>Value Set</u>).

\*In order to qualify for payment, depression screening rates must increase by a 10% Gap closure between RAE performance and the Department Goal, as identified by the number of members with an outpatient primary care visit in the evaluation period who received a depression screening (G8431, G8510)

#### **Measurement Period**

Triggering event: July 1, 2021 to June 1, 2022

Full measurement period: July 1, 2021 to June 30, 2022

#### Denominator

All members with a positive depression screening as identified by procedure code G8431in a primary care setting.

#### Notes:

1. Billing provider type is only used on FFS data for the calculation of this metric. **Exclusions from the Denominator:** 

1. Exclude members under 2 years old

#### Numerator

All members with a positive depression screen who also received one of the following services the same day or within 30 days:

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Members included in the denominator	1		and	During evaluation period
Outpatient visit with a PCMP	1	90791, 90832, 90834, 90837, 90846, 90847	or	Within 30 days of the positive depression screen



			(Behav		ssessment in h or Primary	
		СРТ		Billing Provider Type		
		90791, 90792, 90832, 90834, 90837, 90846, 90847	with	35, 37, 38, 41, 25, 26, 05, 39	Or	
At least one of the		Behavioral H Health Managemer	lealth S Screen nt Code E&M	etting using or Evaluat s, including	esessment in a g a Behavioral cion and g Emergency Consultation	Within 30
following services	1	CPT/HCPC		Billing Provider Type		days of the Positive Depression
		H0002, 90833, 90836, 90836, 90838, 99201- 99205, 99211- 99215, 99217- 99226, 99231- 99236, 99238, 99238, 99239, 99304- 99310, 99315, 99316, 99318, 99324-	With	37, 35, 38, 25	Or	Screen



00220		<b></b>		
99328,				
99334-				
99337,				
99341-				
99345,				
99347-				
99350,				
99366,				
99367,				
99368,				
99441-				
99443,				
99281-				
99285,				
99241-				
99245,				
99251-				
99255				
UB Revenu			900 with the	
	fol	llowing		
		Billing		
CPT/HCPC		Provider		
		Туре		
Н0002,		32, 45		
H2011,				
H0031,				
90833,				
90836,				
90838,				Within 30
99201-				days of the
99205,				Positive
99211-	with		or	Depression
99215,	vv ieli		01	Screen
99217-				
99226,				
99231-				
99236,				
99238,				
99239,				
99304-				
99310,				
99315,				



99318,	
99324-	
99328,	
99334-	
99337,	
99341-	
99345,	
99347-	
99350,	
99366,	
99367,	
99368,	
99441-	
99443,	
99281-	
99285,	
99241-	
99245,	
99251-	
99255	

## **Continuous Enrollment Criteria**

Members must be continuously enrolled in the ACC on the date of the positive depression screen for 30 days, with no gaps.

#### **Data Source**

RAE claims/encounter systems

#### FFS Claims

MCO Encounters as appropriate

#### **Calculation of Measure**

This measure will be calculated by the Department.



## **Indicator 5: Behavioral Health Screening or Assessment for children in the Foster Care system**

#### **Measure Description**

Percentage of foster care children who received a behavioral screening or assessment on or within 30 days of ACC enrollment.

**Measurement Period** 

Triggering event: July 1, 2021 to June 1, 2022

Full Measurement Period: July 1, 2021 to June 30, 2022

#### Denominator

Total number of members who became Medicaid eligible on or after July 1, 2021 based on aid code and are assigned to a RAE. Members must be continuously enrolled for 30 days from the date of ACC enrollment.

#### Notes:

- 1. Billing provider type is only used on FFS data for the calculation of this metric.
- 2. If a member moves from one aid category to another, they will not be added to the denominator a second time. Only members new to foster care will count in the denominator.

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Members who became Medicaid eligible based on aid code, are enrolled in a RAE for 30 days from the date of ACC enrollment	1	Aid Codes used to identify members 10, 11, 12, 13, 19, 20, 23	and	During the evaluation period



APPENDIX A. RAE PERFORMANCE MEASURE DEFINITIONS

#### **Population Exclusions**

Condition Description	Billing Provider Type	HCPCS	UB Revenue	UB Type of Bill	POS
Psychiatric residential treatment center (when services are paid for by Fee For Service)	30		0911		
Residential Child Care Facility (when services are paid for by Fee For Service)	52	90791, 90792, 90785, 90832, 90834, 90837, 90846, 90847, 90853, 96101, 96102, 90833, 90836, 90839, 90840, 90863			11, 14

Exclude members with aid code 70 from denominator.

#### Numerator

Total number of members from the denominator who received one of the following services on or within 30 days of ACC enrollment:

Condition Description	# Event	Detailed Criteria	Criteria Connector	Timeframe
Members included in the denominator	1		and	During evaluation period
Outpatient visit with a PCMP	1	90791, 90832, 90834, 90837, 90846, 90847	or	Within 30 days from the date of RAE enrollment
At least one of the following services	1	and Management Codes including		Within 30 days from the date of RAE enrollment

APPENDIX A. RAE PERFORMANCE MEASURE DEFINITIONS



			Billing	
	CPT/HCPC		Provider	
	Cr I/ICrC			
	110002 110021		Type	
	H0002, H0031,		37, 35, 38,	
	H2011, 90791,		25,	
	90792, 90832,			
	90833, 90834,			
	90836, 90837,			
	90838, 90846,			
	90847, 99201-			
	99205, 99211-			
	99215, 99217-			
	99226, 99231-			
	99236, 99238,	····		
	99239, 99304-	with		
	99310, 99315,			
	99316, 99318,			
	99324-99328,			
	99334-99337,			
	99341-99345,			
	99347-99350,			
	99366, 99367,			
	99368, 99441-			
	99443, 99281-			
	99285, 99241-			
	99245, 99251-			
	99255			
	UB Revenue Code	0529	or 0900 with	
		llowing		
			Billing	
	CPT/HCPC		Provider	
			Туре	
	H0002, 90791,			
	90792, 90832,			
	90833, 90834,			
	90836, 90837,			
	90838, 90846,	with		Within 30 days
	90847, 99201-		32, 45	from the date of
	99205, 99211-			RAE enrollment
	99215, 99217-			
	99226, 99231-			
	99236, 99238,			
	99239, 99304-			
μμ		1	1	1]





00210 00215	
99310, 99315,	
99316, 99318,	
99324-99328,	
99334-99337,	
99341-99345,	
99347-99350,	
99366, 99367,	
99368, 99441-	
99443, 99281-	
99285, 99241-	
99245, 99251-	
99255	

#### **Continuous Enrollment Criteria**

Members must be continuously enrolled in the ACC for 30 days from the time enrollment began.

#### **Data Source**

RAE claims/encounter systems

FFS Claims

#### **Calculation of Measure**

This measure will be calculated by the Department.



## Appendix B. Data Integration and Control Findings

### **Documentation Worksheets**

Virtual On-Site Visit Date:	January 23, 2023
Reviewer:	Elisabeth Hunt and Matthew Kelly

Data Integration and Control Element	Met	Not Met	N/A	Comments
Accuracy of data transfers to assigned performance meas	ure data	reposito	ory.	
• The Department accurately and completely processes transfer data from the transaction files (e.g., membership, provider, encounter/claims) into the repository used to keep the data until the calculations of the performance measures have been completed and validated.				
• Samples of data from the repository are complete and accurate.				
Accuracy of file consolidations, extracts, and derivations.				
• The Department's processes to consolidate diversified files and to extract required information from the performance measure data repository are appropriate.				
• Actual results of file consolidations or extracts are consistent with results expected from documented algorithms or specifications.				
• Procedures for coordinating the activities of multiple subcontractors ensure the accurate, timely, and complete integration of data into the performance measure database.				
• Computer program reports or documentation reflect vendor coordination activities, and no data necessary to performance measure reporting are lost or inappropriately modified during transfer.				



Data Integration and Control Element	Met	Not Met	N/A	Comments
If the Department and the RAE use a performance meas facilitate any required programming necessary to calcula				
• The repository's design, program flow charts, and source codes enable analyses and reports.				
• Proper linkage mechanisms have been employed to join data from all necessary sources (e.g., identifying a member with a given disease/condition).				
Assurance of effective management of report production	and repo	orting so	ftware.	
• Documentation governing the production process, including Department production activity logs and staff review of report runs, is adequate.				
• Prescribed data cutoff dates are followed.				
• The Department retains copies of files or databases used for performance measure reporting in the event that results need to be reproduced.				
• The reporting software program is properly documented with respect to every aspect of the performance measure data repository, including building, maintaining, managing, testing, and report production.				
• The Department's processes and documentation comply with standards associated with reporting program specifications, code review, and testing.				



## **Appendix C. Denominator and Numerator Validation Findings**

## **Reviewer Worksheets**

Virtual On-Site Visit Date:	January 23, 2023
Reviewer:	Elisabeth Hunt and Matthew Kelly

Denominator Elements for Colorado Access						
Audit Element	Met	Not Met	N/A	Comments		
• For each of the performance measures, all members of the relevant populations identified in the performance measure specifications are included in the population from which the denominator is produced.						
• Adequate programming logic or source code exists to appropriately identify all relevant members of the specified denominator population for each of the performance measures.						
• The Department has correctly calculated member months and years, if applicable to the performance measure.						
• The Department has properly evaluated the completeness and accuracy of any codes used to identify medical events, such as diagnoses, procedures, or prescriptions, and these codes have been appropriately identified and applied as specified in each performance measure.						
• Parameters required by the specifications of each performance measure are followed (e.g., cutoff dates for data collection, counting 30 calendar days after discharge from a hospital, etc.).						
• Exclusion criteria included in the performance measure specifications have been followed.	$\square$					
• Systems or methods used to estimate populations when they cannot be accurately or completely counted (e.g., newborns) are valid.			$\boxtimes$	The Department does not estimate populations.		



Numerator Elements for Colorado Access					
Audit Element	Met	Not Met	N/A	Comments	
• The Department has used appropriate data, including linked data from separate data sets, to identify the entire at-risk population.					
• Qualifying medical events (such as diagnoses, procedures, prescriptions, etc.) are properly identified and confirmed for inclusion in terms of time and services.					
• The Department has avoided or eliminated all duplication of counted members or numerator events.	$\square$				
• Any nonstandard codes used in determining the numerator have been mapped to a standard coding scheme in a manner that is consistent, complete, and reproducible, as evidenced by a review of the programming logic or a demonstration of the program.				The Department does not use any nonstandard codes.	
• Parameters required by the specifications of the performance measure are adhered to (e.g., the measured event occurred during the time period specified or defined in the performance measure).					



#### **Appendix D. Performance Measure Results Tables**

### **Performance Measure Results Tables**

Included below are the final, approved measure results for the measures included in the scope of HSAG's audit. The measurement period for performance measures validated in FY 2022–2023 is July 1, 2021, through June 30, 2022.

## Indicator 1: Engagement in Outpatient Substance Use Disorder (SUD) Treatment

## Table D-1—Engagement in Outpatient Substance Use Disorder (SUD) Treatment for Colorado Access

Population	Denominator	Numerator	Rate
All Ages	4,413	2,178	49.35%

## Indicator 2: Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition

 Table D-2—Follow-Up Appointment Within 7 Days of an Inpatient Hospital Discharge for a Mental Health Condition

 for Colorado Access

Population	Denominator	Numerator	Rate
All Ages	1,948	962	49.38%

## Indicator 3: Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder

 Table D-3—Follow-Up Appointment Within 7 Days of an Emergency Department (ED) Visit for Substance Use Disorder

 for Colorado Access

Population	Denominator	Numerator	Rate
All Ages	8,285	2,501	30.19%



## Indicator 4: Follow-Up After a Positive Depression Screen

#### Table D-4—Follow-Up After a Positive Depression Screen for Colorado Access

Population	Denominator	Numerator	Rate
All Ages	1,220	598	49.02%

# Indicator 5: Behavioral Health Screening or Assessment for Children in the Foster Care System

 Table D-5—Behavioral Health Screening or Assessment for Children in the Foster Care System

 for Colorado Access

Population	Denominator	Numerator	Rate
All Ages	242	70	28.93%