

## **Value-Based Payment Measures – Calendar Year 2023 Designated Agencies**

### **A. Overview**

In 2019, Vermont Medicaid implemented an alternative payment model for community mental health services as a part of a payment reform initiative. Mental Health Payment Reform represents a large operational and cultural shift towards focusing on how well Vermont is doing rather than simply how much it is doing. The shift gives communities more predictability, stability, and flexibility with funding to meet the needs of the children, youth, adults, and families they serve. By simplifying the baseline payment structures and adding value-based payments (VBPs) that reward outcomes and incentivize best practice, the State aims to make it easier for Medicaid providers to meet the goal of providing efficient and effective care for Vermonters with mental health needs. VBP programs tie healthcare reimbursement rates to quality care by offering providers incentive payments to meet specified quality measures during and after healthcare delivery.

### **B. Definitions and Methodology**

VBP measures and methodologies are established collaboratively through the Scoring and Metrics subcommittee of the Payment Reform Advisory Group (PRAG). The measures found in this Appendix align with the calendar year and must be amended annually to include the new measures that the Centers for Medicare and Medicaid Services (CMS) approves for the subsequent calendar year.

#### **a. Monthly Service Report (MSR)**

The MSR submission is a mechanism for DAs to submit standardized service encounter data for services provided to clients in their respective catchment areas. The expectation is for the MSR submission to be both complete and on time.

##### **i. Completeness**

The MSR filing must include 80% or more of the data for the month of service being submitted in order to be considered complete. The expectations for filing completeness are for purposes of value-based payment only and do not change expectations for timely filing as set forth by the Department of Vermont Health Access (DVHA) in the Vermont Medicaid General Billing and Forms Manual.

##### **ii. Timeliness**

In order for reporting to be considered “on time” the report must be received by deadlines determined by the reporting period cadence. For monthly reporting, submissions are due on or before the last day of the subsequent month, which is approximately 30 calendar days after the last reporting day. For quarterly, semi-annual, or annual reporting, submissions must be received within 90 calendar days after the last reporting day of that period.

**b. MSR timely and complete scoring process includes the following:**

- i. The MSR file must be “accepted” in order to be submitted.
- ii. The MSR file must be submitted on or before the last day of the following month.
- iii. The system will auto-generate a message alerting that the file is “accepted” or that there is an error.
- iv. The State will reply within 5-7 business days regarding the “error” for files that are not accepted.
- v. The State will determine if the error is “simple” or “complex.”
  - a. “Simple” errors are those that either the State or the DA can fix themselves.
    - i. Simple errors do not result in auto-passing; therefore, agencies should attempt to submit the file in a timely manner that allows for the correction of simple errors and for the file to be re-submitted before the last day of the month.
  - b. “Complex” errors require third-party assistance, therefore result in an automatic passing scoring for timely.
- vi. Completeness will be scored once the file is accepted based on the above referenced definition of 80%.
- vii. Scoring is based on processed records.
- viii. Final scores for each month will be issued quarterly starting June 2022.

The Designated Agency (DA) shall be responsible for the accuracy of its data. If a DA discovers an error or omission after submission on a month that has already been scored, the Agency shall promptly make necessary revisions or corrections resulting from the errors or omissions. The requirement to submit corrections to ensure accuracy of reporting is not contingent on whether or not an appeal request for re-scoring will be granted, and therefore should not delay reporting.

*Table 1: Value-Based Payment (VBP) Measures – Calendar Year 2023*

| Section 1: Monthly Service Report (MSR)-calculated Measures |   |   |  |
|---|---|---|--|
| #   | Measure Description   | Calculations  | Reporting & Points   |
| 1   | Number of Medicaid-enrolled children/youth (0-17 years old) served. | For any given year of service (January - December): <ul style="list-style-type: none"> <li>• Pull MSR services</li> <li>• Match service records to MSR client services on agency-client number</li> <li>• Calculate age of client from the midpoint of the service year (June 30, XXXX)</li> <li>• Select clients who are aged 0-17</li> <li>• Select clients who are reported as Medicaid enrolled (from client file)</li> </ul> | Submitted monthly to the MSR.<br><br><b>X points total annual</b> (Measures 1-6)<br><br>0.XX points for each submission for timeliness<br><br>0.XX points for each submission for completeness |

|   |  |   |  |
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|   |  | <ul style="list-style-type: none"> <li>• Aggregate to agency-client level, with flag for total services during fiscal year</li> <li>• Select clients who have a least 1 unit (as defined in the Mental Health Provider Manual)</li> </ul>   | <p>“On Time” defined as: report received on/before the last day of the following month (approx. 30 calendar days after last reporting day). Received in the format and standard as defined in the Provider Agreements.</p> |
| 2 | <p>Number of children/youth (0-17 years old) served per 1,000 age-specific population.</p> | <p>For any given year of service (January-December):</p> <ul style="list-style-type: none"> <li>• Query MSR data for all services delivered</li> <li>• Calculate age of client from the midpoint of the service year (June 30<sup>th</sup>)</li> <li>• Select clients who are aged 0-17 years</li> <li>• Aggregate to clinic-specific level for total services during state fiscal year (July 1<sup>st</sup> -June 30<sup>th</sup>)</li> <li>• Select clients who have had a least 1 unit of service (as defined in the Mental Health Provider Manual)</li> <li>• Request most recent demographic data from Vermont Department of Health on a clinic catchment-level basis</li> <li>• Calculate per capita rate based on the following formula: <ul style="list-style-type: none"> <li><math>R = (1,000C)/P</math></li> <li>○ where R is the rate of clients served per 1,000 population, C is the number of clients served, and P is the age-specific population of the geographic (catchment) area in question.</li> <li>○ The rates of clients served per 1,000 population are presented as a comparable, standardized measure of the proportion of the residents of specified geographical regions who are served by specified programs.</li> </ul> </li> </ul> |  |
| 3 | <p>Number of Medicaid-enrolled young adults (18-21 years old) served.</p>                  | <p>Same as Measure 1, except:</p> <ul style="list-style-type: none"> <li>• Select clients who are aged 18-21</li> </ul>   |  |

| 4  | Number of young adults (18-21 years old) served per 1,000 age-specific population. | Same as Measure 2, except:<br>• Select clients who are aged 18-21  |        |  |
|--|--|--|--------|--|
| 5  | Number of Medicaid-enrolled adults (18+ years old) served.                         | Same as Measure 1, except:<br>• Select clients who are aged 18 or older  |        |  |
| 6  | Number of adults (18+ years old) served per 1,000 age-specific population.         | Same as Measure 2, except:<br>• Select clients who are aged 18 or older  |        |  |
| <b>Section 2: Client Survey Measures</b> |  |  |        |  |
| #  | Measure Description  | Calculations   | Target | Reporting and Points   |
| 7  | Percentage of clients who indicate services were “right” for them                  | <ul style="list-style-type: none"> <li>• Numerator = # of responses endorsing the 2 positive Likert options (4 or 5 on the survey)</li> <li>• Denominator = Total # of responses</li> </ul> <p>Client defined as youth and adult in the following VCP survey program categories:</p> <ul style="list-style-type: none"> <li>• Children, Youth, and Family Programs (NOT Success Beyond Six),</li> <li>• Community Rehabilitation and Treatment</li> <li>• Mental Health – Adult</li> </ul> | XX%    | Submitted Annually to VCP.<br><br><b>X points total annual</b><br><br>X.X points for each survey question for target met |
| 8  | Percentage of clients indicate they were treated with respect                      | <ul style="list-style-type: none"> <li>• Numerator = # of responses endorsing the 2 positive Likert options (4 or 5 on the survey)</li> <li>• Denominator = Total # of responses</li> </ul> <p>Client defined as youth and adult in the following VCP survey program categories:</p> <ul style="list-style-type: none"> <li>• Children, Youth, and Family Programs (NOT Success Beyond Six),</li> <li>• Community Rehabilitation and Treatment</li> <li>• Mental Health – Adult</li> </ul> | XX%    |  |

| 9  | Percentage of clients indicate services made a difference.   | <ul style="list-style-type: none"> <li>• Numerator = # of responses endorsing the 2 positive Likert options (4 or 5 on the survey)</li> <li>• Denominator = Total # of responses</li> </ul> <p>Client defined as youth and adult in the following VCP survey program categories:</p> <ul style="list-style-type: none"> <li>• Children, Youth, and Family Programs (NOT Success Beyond Six),</li> <li>• Community Rehabilitation and Treatment</li> <li>• Mental Health – Adult</li> </ul> | XX%  |        |                             |
|--|--|--|--|--------|-----------------------------|
| <b>Section 3: Clinical Service Delivery Measures</b> |  |  |  |        |                             |
| #  | Measure Description  | Calculations   | Reporting & Points   | Target | 90 <sup>th</sup> Percentile |
| 10   | Percentage of clients offered a face-to-face contact within <b>five (5) calendar days</b> of initial request | <ul style="list-style-type: none"> <li>• Numerator = # of inactive clients offered a face-to-face (or telehealth) appointment within five (5) calendar days</li> <li>• Denominator = Total # inactive clients requesting to enroll in services</li> </ul> <p>Client defined as youth and adult.</p>  | Submitted quarterly to DMH using VBP reporting template.   | 52%    | 93%                         |
| 11   | Percentage of clients seen for treatment within <b>fourteen (14) calendar days</b> of assessment             | <ul style="list-style-type: none"> <li>• Numerator = # seen face-to-face (or telehealth) for any clinically indicated service within 14 days after the intake clinical evaluation/assessment is completed</li> <li>• Denominator = Total # of previously inactive clients seen within the calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>) with a completed intake clinical evaluation/assessment</li> </ul> <p>Client defined as youth and adult.</p>                   | <p><b>X points total annual</b>, potential for X bonus points</p> <p>0.XX points for each measure for target met<br/>0.XXX points for meaningful improvement</p> | 48%    | 77%                         |
| 12   | Percent of adult clients with an assessment who have been screened for <b>depression</b>                     | <ul style="list-style-type: none"> <li>• Numerator = # of adult with new episode of care screened for depression using the PHQ-9 or PHQ-2</li> <li>• Denominator = Total # of adult clients with a new episode of care in the time frame with an initial clinical evaluation/assessment</li> <li>• Adult client defined as 18+ years old.</li> </ul>   | Submitted quarterly to DMH using VBP reporting template (excel).   | 59%    | 95%                         |

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|    |  |   | <p><b>X points total annual, potential for X bonus points</b></p> <p>0.X points for each measure for target met<br/>0.XX points for meaningful improvement</p>   |     |     |
| 13 | Percent of youth clients with an assessment who have been screened for <b>depression</b> | <ul style="list-style-type: none"> <li>• Numerator = # of youth with a new episode of care screened for depression using the PHQ2/PHQ9/PHQA</li> <li>• Denominator = Total # of youth clients with a new episode of care in the time frame with a completed initial clinical evaluation/assessment</li> </ul> <p>Youth client defined as 12-17 years old.</p>             | <p>Submitted quarterly to DMH using VBP reporting template</p> <p>Reporting only measure, therefore no VBP points are assigned</p>   | N/A | N/A |
| 14 | Percent of adult clients with an assessment who have been screened for <b>trauma</b>     | <ul style="list-style-type: none"> <li>• Numerator = # of adults with a new episode of care screened for psychological trauma history using the PC-PTSD-5</li> <li>• Denominator = Total # of adult clients with a new episode of care in the time frame with a completed initial clinical evaluation/assessment</li> </ul> <p>Adult client defined as 18+ years old.</p> | <p>Submitted quarterly to DMH using VBP reporting template (excel).</p> <p><b>X points total annual, potential for X bonus points</b></p> <p>0.X points for each measure for target met<br/>0.XX points for meaningful improvement</p> | 60% | 96% |

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| 15 | Percent of adult clients with an assessment who have been screened for <b>substance use</b> | <ul style="list-style-type: none"> <li>• Numerator = # of adults with a new episode of care screened for substance use using the CAGE-AID</li> <li>• Denominator = Total # of adult clients with a new episode of care in the time frame with a completed initial clinical evaluation/assessment</li> </ul> <p>Adult client defined as 18+ years old.</p>  | <p>Submitted quarterly to DMH using VBP reporting template (excel).</p> <p><b>X points total annual</b>, potential for X bonus points</p> <p>0.X points for each measure for target met<br/>0.XX points for meaningful improvement</p> | 60% | 98% |
| 16 | Percent of youth clients with an assessment who have been screened for <b>substance use</b> | <ul style="list-style-type: none"> <li>• Numerator = # of youth with a new episode of care screened for substance use using the CAGE-AID/CRAFFT</li> <li>• Denominator = Total # of clients with a new episode of care in the time frame with a completed initial clinical evaluation/assessment</li> </ul> <p>Youth client defined as 12-17 years old.</p>  | <p>Submitted quarterly to DMH using VBP reporting template</p> <p>Reporting only measure, therefore no VBP points are assigned</p>   | N/A | N/A |
| 17 | Percent of clients with a <b>CANS</b> assessment within the last 6 months                   | <ul style="list-style-type: none"> <li>• Numerator = # of children and youth who have had a CANS administered or re-administered on them within the past 6 months of programming</li> <li>• Denominator = All youth enrolled in Children, Youth, and Family Service (CYFS) programming* who have received a clinical (not emergency) evaluation/assessment and have passed the threshold of at least 75 days since their original care inquiry call to that agency</li> </ul> <p>Client defined as 0-22 years old.</p> | <p>Submitted biannually to DMH using VBP reporting template</p> <p><b>X points total annual</b>, potential for X bonus points</p>  | 63% | 96% |

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|    |  |  | X points for each measure for target met<br>X point for meaningful improvement  |     |     |
| 18 | Percent of clients with an <b>ANSA</b> assessment within the last 12 months  | <ul style="list-style-type: none"> <li>• Numerator = # of adults in mental health case rate programs who have had an ANSA administered or re-administered on them within the past 13 months of programming</li> <li>• Denominator = Total # of adults enrolled in MH Case Rate programming who have received a clinical (not emergency) evaluation/assessment and have passed the threshold of at least 75 days since their original care inquiry call to that agency</li> </ul> <p>Adult defined as 18+ years old. Agencies may use clinical judgment to determine if a transition-age client (ages 18-22 years old) should be receiving a CANS or an ANSA and utilize the tool that best fits the client's needs</p> | Submitted annually to DMH using VBP reporting template<br><br><b>X points total annual.</b><br><br>X points for reporting only.   | 35% | N/A |
| 19 | Percentage of children/youth with a follow-up visit after hospitalization for mental illness with a mental health provider within 7 days | <ul style="list-style-type: none"> <li>• Numerator = # of clients with a qualifying service from their agency within seven days of discharge from inpatient stay, not including visits on the date of discharge</li> <li>• Denominator = All clients who were discharged connected to that agency</li> </ul>   | Submitted through administrative Medicaid claims data and clinical service encounter data via MSR submissions<br><br>Reporting only measure, therefore no VBP points are assigned | N/A | N/A |
| 20 | Percentage of adults with a follow-up visit after hospitalization  | <ul style="list-style-type: none"> <li>• Numerator = # of clients with a qualifying service from their agency within seven days of discharge from inpatient stay, not including visits on the date of discharge</li> </ul>   | Submitted through administrative Medicaid claims  | N/A | N/A |



|   |  |  |   |  |  |
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|   | for mental illness with a mental health provider within 7 days | <ul style="list-style-type: none"> <li>• Denominator = All clients who were discharged connected to that agency</li> </ul> | <p>data and clinical service encounter data via MSR submissions</p> <p>Reporting only measure, therefore no VBP points are assigned</p> |  |  |
| <p><b>Meaningful Improvement</b> definition for measures 10-12, 14, 15, 17, and 18: Points awarded to items that:</p> <ul style="list-style-type: none"> <li>• did not meet the target but did show 5% improvement over their previous (CY2020, 2021, &amp; 2022) average, OR</li> <li>• achieve the highest achievable benchmark (90<sup>th</sup> percentile)</li> </ul> |  |  |   |  |  |