Mississippi Department of Mental Health (DMH)

Provider Submission Guide – Service Event

Last Revision Date: 02/27/2025

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Version Control

Date	Version	Author(s)	Brief Description of Change
1/13/2020	1.0	Savi Sahni	Initial Draft
4/21/2020	1.1	Shelby Maloney	Added Version Control
2/24/2021	1.2	Prashanth Reddy	Added Provider Client SRI to Required Fields
1/23/2023	1.3	Ram Ganesan	Added Service No Admission Reason Code as Optional Field Updated Admission SRI as Optional Field
2/27/2025	1.4	Ciji Dixon	Changed 'Session Count' Field Name to 'Service Unit' in section 1.3.1.3 to Correspond with the Data Set Code Values for Services.

1   Service Event Data Set
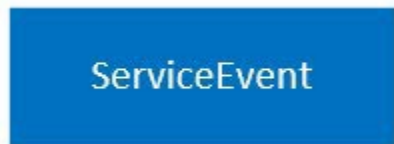
1.1   Submitting Service Event Data

Service Event data must be submitted for all clients served.

Provider Treatment Episode information must already exist in the Data Warehouse before Service Event data can be submitted.

Service Event data should be re-submitted after any part of the Service Event needs to be added, changed, or removed.

1.2   Service Event Domain Diagram

The following diagram depicts the relationships between all objects in the Service Event domain in the Data Warehouse.

1.3   Service Event Entities

This section defines the entities involved in the Service Event data set.

The Service Event data set is used at the state level to collect and report the types and frequency of services provided in provider agencies to specific individuals.

Service Event data set is a critical component for supporting billing and payment processes and for being able to identify how services impacted treatment episode outcomes.

1.3.1   ServiceEvent

1.3.1.1   Description

A Service Event represents a specific treatment encounter for a client with a substance use, mental health, or other disorder, in a provider site as part of their treatment program. A Service Event will be uniquely identified in the Data Warehouse by the combination of the Provider's Source Record Identifier for the Service Event and the Source Record Identifier for the Provider. Providers are required to submit a unique Source Record Identifier for each Service Event within each Provider. Therefore, no two Service Event records can be submitted with the same Service Event Source Record Identifier and Provider Source Record Identifier combination.

1.3.1.2   Key Fields

The fields in this entity that will be used to uniquely identify a record, to determine whether to create or update an existing record, and to delete an existing record are:

Field
Source Record Identifier
Provider Source Record Identifier

1.3.1.3 Fields

The fields in this entity, along with a description and associated validation rules for each are:

Field	Description	Validation Rules
Source Record Identifier	The provider's internal system identifier for the Service Event record.	**Data Type Validation** | Data Type	Message
---	---
string	Failed parsing value to type string | **Length Validation** | Max Length	Message
---	---
100	Value length must be less than or equal to '100' | **Errors** | Rule Name	Message	Additional Values in Message
---	---	---
Source Record Identifier Required Rule	Source Record Identifier is required	| **Guidance** | Note
---
The SourceRecordIdentifier must be a unique identifier for this record in the source system. It must be a value that is unique and never changes. Examples of unique identifiers are Identity, AutoNumber or GUID. If the source system does not have a unique identifier, one can be constructed. A constructed SourceRecordIdentifier might contain the values that make this record unique and never change, separated by a delimiter.	
Provider Source Record Identifier	The provider's internal system identifier for the Provider record this Service Event is associated with.	**Data Type Validation** | Data Type	Message
---	---
string	Failed parsing value to type string | **Linkage Validation** | Description	Required	Message
---	---	---
Must match the Source Record Identifier for a single Provider already set up in the	Yes	Cannot find matching 'Provider'

Field	Description	Validation Rules
		Mississippi Data Warehouse

Field	Description	Validation Rules
Episode Source Record Identifier	The provider's internal system identifier for the Provider Treatment Episode record this Service Event is associated with.	**Data Type Validation**

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Linkage Validation

Description	Required	Message
Must match the Source Record Identifier for a single Provider Treatment Episode already set up in the Data Warehouse for the Provider identified by the Service Event's Provider Source Record Identifier	Yes	Cannot find matching 'ProviderTreatmentEpisode' OR Cannot find matching 'ProviderTreatmentEpisode' because cannot find matching parent 'Provider'

Admission Source Record Identifier — The provider's internal system identifier for the Admission this Service Event is associated with.

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Linkage Validation

Description	Required	Message
Must match the Source Record Identifier for a single Admission already set up in the Data Warehouse for the Provider identified by the Service Event's Provider Source Record Identifier and for the Provider Treatment Episode identified by the Service Event's Episode Source Record Identifier	Yes	Cannot find matching 'Admission' OR Cannot find matching 'Admission' because cannot find matching parent 'ProviderTreatmentEpisode'

Errors

Rule Name	Message	Additional Values in Message
Admission Source Record Identifier Is Required If Service Code Does Not Allow Service Event Without Admission Rule.	Admission Source Record Identifier is required if Service Code has a property of Allow Service Event Without Admission = 'FALSE'.	

Field	Description	Validation Rules

Guidance

Note
Optional.   Admission Source Record Identifier is not required if the Service Code has Property of Allow Service Event Without Admission = 'TRUE'. Linkage Validation will only be required if a valid Admission Source Record Identifier is provided.

Provider Client Source Record Identifier

The provider's internal system identifier for the Provider Client record this Service Event is associated with.

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Errors

Rule Name	Message	Additional Values in Message
The Provider Client Source Record Identifier In The Service Event Should Match With The Provider Client Source Record Identifier Present In Treatment Episode Rule.	The Provider Client Source Record Identifier in the Service Event should match with the Provider Client Source Record Identifier present in Treatment Episode.	

Guidance

Note
Optional

Service Code

The code indicating the service that is being provided to the client.

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Vocabulary Validation

Rule	Message
Must be a valid Vocabulary value from the **Mississippi** Code System, for the **Service** Value Set	Unknown code for type 'Service'

Field	Description	Validation Rules

Errors

Rule Name	Message	Additional Values in Message
Service Code Required Rule	Service Code is required	

Start Date — Date the service began.

Data Type Validation

Data Type	Message	Note
date	Failed parsing value to type Date	Refer to the Appendix document for **Common Data Types**.

Errors

Rule Name	Message	Additional Values in Message
Start Date Required Rule	Start Date is required	
Start Date Must Be Less Than Or Equal To Current Date Rule	Start Date must be less than or equal to the current date	
Start Date Must Be Greater Than Or Equal To Admission Date Rule	Start Date must be greater than or equal to the Admission Date.	
Start Date Must Be Less Than Or Equal To End Date Rule	Start Date must be less than or equal to the End Date	

End Date — Date the service ended.

Data Type Validation

Data Type	Message	Note
date	Failed parsing value to type Date	Refer to the Appendix document for **Common Data Types**.

Errors

Rule Name	Message	Additional Values in Message
End Date Required Rule	End Date is required	
End Date Must Be Less Than Or Equal To Current Date Rule	End Date must be less than or equal to the current date	
End Date Must Be Greater Than Or Equal To Admission Date Rule	End Date must be greater than or equal to the Admission Date.	

Start Time — Time the service began in HHMM (24 hour) format.

Data Type Validation

Data Type	Message

Field	Description	Validation Rules

| | | **string**   Failed parsing value to type string |

Errors

Rule Name	Message	Additional Values in Message
Start Time Must Match Valid Format Rule	Start Time must match HHMM format where HH is the 2-digit hour in 24 hour format and MM is the 2-digit minute	
Start Time Must Be Less Than Or Equal To End Time Rule	Start Time must be less than or equal to the End Time	

Guidance

Note
Optional

Field	Description	Validation Rules
End Time	Time the service ended in HHMM (24 hour) format.	**Data Type Validation**

Data Type	Message
string	Failed parsing value to type string

Errors

Rule Name	Message	Additional Values in Message
End Time Must Match Valid Format Rule	End Time must match HHMM format where HH is the 2-digit hour in 24 hour format and MM is the 2-digit minute	

Guidance

Note
Optional

Field	Description	Validation Rules
Service Unit	A number indicating how many units of a service the client received during the specified date range as	**Data Type Validation**

Data Type	Message
integer	Failed parsing value to type integer

Field	Description	Validation Rules

defined in the MS DMH DW – Data Set Code Values document under Section 44: Services.

Errors

Rule Name	Message	Additional Values in Message
Service Unit/Session Count Required Rule	Service Unit/Session Count required	
Service Unit/Session Count Must Be Valid Value Rule	Service Unit/Session Count must be a valid integer greater than zero	

Evidence Based Practices Code

The code indicating whether any evidence-based practices were conducted.

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Vocabulary Validation

Rule	Message
Must be a valid Vocabulary value from the **Mississippi** Code System, for the **No Yes** Value Set	Unknown code for type 'NoYes'

Errors

Rule Name	Message	Additional Values in Message
Evidence Based Practices Code Required Rule	Evidence Based Practices Code is required	

Service No Admission Reason Code

The code indicating the reason Service Event is created with no admission.

Data Type Validation

Data Type	Message
string	Failed parsing value to type string

Vocabulary Validation

Rule	Message
Must be a valid Vocabulary value from the **Mississippi** Code System, for the **ServiceNoAdmissionReason** Value Set	Unknown code for type ''ServiceNoAdmissionReason'

Field	Description	Validation Rules

Warnings:

Rule Name	Message	Additional Values in Message
No Admission Reason Code Required When Service Code With Out Admission Rule	Service Code has a property of Allow Service Event WithoutAdmission and NoAdmissionReasonCode is required	

Guidance

Note
Optional. ServiceNoAdmissionReasonCode will be populated if ServiceEvent is not associated with an Admission.