



**DATA ASSESSMENT REGISTRY
MENTAL HEALTH & ADDICTION**

**Web Services Specifications Manual
SFY2016**

July 2015

**STATE OF INDIANA
FAMILY AND SOCIAL SERVICES ADMINISTRATION
DIVISION OF MENTAL HEALTH AND ADDICTION
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List of Revisions to Manual

8/20/2015

- Pg. 5 – Added AssessmentToolQuestionItem Web Class.
- Pg. 6 – AssessmentToolItem Class was changed to AssessmentToolQuestionItem. New set of property in AssessmentToolItem Class.
- Pg. 8 – Changed Register_in_New_Program to New_Forensic_Program in Consumer Class.
- Pg. 11 – Removed Mom_Maiden_Name and Suffix_ID fields in ConsumerExists().
- Pg. 12 – Added -52 in error code table for ValidateConsumer(). Changed Register_in_New_Program to New_Forensic_Program in ValidateConsumer().
- Pg. 20 – Updated comments/description (0=No, 1=Yes w/ Fidelity, 2=Yes w/o Fidelity) in Illness_Management and Integrated_Dual_Diagnosis fields.
- Pg. 21 – Removed Clinician_ID parameter in GetAssessmentResults().
- Pg. 22 – Replaced RetrieveAssessmentTool() with GetAssessmentTools. Added GetAssessmentToolQuestions() web method.
- Pg. 26 – Added -30 in error code table for GetEpisode(). Added Internal_Episode_Code parameter in CloseEpisode().
- Pg. 32 – Updated comments/description (Must be greater than zero.) in Common_Value.
- Pg. 34 – Added Internal_ID parameter in DeleteEncounter() [C#].
- Pg. 38 – Replaced RetrieveDiagnosisAxisList() with GetDiagnosisList without parameter.

8/31/2015

- Pg. 8 – Added HC_COPD to DiagnosisAgreementType class.
- Pg. 13 – Added -89 in error code table for ValidateConsumer(). Changed web method name from ConsumerInsert() to InsertConsumer(). Added -89 in error code table for InsertConsumer(). Corrected error return codes for ValidateConsumer() and InsertConsumer().
- Pg. 14 – Changed web method name from ConsumerUpdate() to UpdateConsumer(). Added -89 in error code table and corrected error return code for UpdateConsumer().
- Pg. 18 – Added -91 in error code table and corrected error return code for ProcessAssessment1().
- Pg. 20 – Corrected error return code for ProcessAssessment2().
- Pg. 21 – Corrected error return code for ProcessAssessment3().
- Pg. 30 – Corrected error return code for InsertEpisode().
- Pg. 31 – Corrected error return code for UpdateEpisode().
- Pg. 36 – Inserted HC_COPD to InputDiagnosisAgreementType input parameter for InsertDiagnosisAgreementType().
- Pg. 37 – Added -90 in error code table and corrected error return code for InsertDiagnosisAgreementType().
- Pg. 43 – Corrected error return code for InsertNOMSHistory().
- Pg. 46 – Added -89, -90 and -91 in Universal Error Code List.

10/16/2015

- Pg. 4 – Changed property MaxReceivedMessageSize value from “65536” to “2147483647”.
- Pg. 8 – Added Diagnosis_ID and Leading_Cause_Ind in DiagnosisCodeItem Class.
- Pg. 13 – Removed -20 in InsertConsumer() return error code table. Corrected “Returns: String (It will return a zero (0) value to flag inserted successfully otherwise, returns existing DARMHA ID)”.
- Pg. 14 - Removed -20 in UpdateConsumer() return error code table.
- Pg. 37 – Removed -72 in InsertDiagnosisAgreementType() return error code table.
- Pg. 41 & 42 – Updated comments (-3 = Not Applicable – This can only be used if Not Applicable (-3) , None (-2) or Not Applicable – Gambling Only (-8) was listed for drug.) in Primary_Route, Primary_Frequency and Primary_Age.
- Pg. 45 – Removed -72 in Universal Error Code List.
- Pg. 47 – Added Not-Applicable – Gambling Only (-8) to Substance Use/Abuse Codes.

1/15/2016

- Pg. 18 & 46 – Added error code -92.

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DARMHA WEB SERVICES

All method examples are written using C# and Visual Basic.Net notation in a Microsoft .NET framework context. This does not mean that these web services are inaccessible to other languages or platforms; just be aware that using a different environment and/or platform may require a different syntax when writing your code.

Unlike before, the web service call needs username and password in XML SOAP header. For ASP clients, you need to add web service reference to <https://dmha.fssa.in.gov/darmha/darmhaservices.svc> and following entries inside your client configuration file.

```
<system.serviceModel>
  <bindings>
    <wsHttpBinding>
      <binding name="WSHttpBinding_IWcfService" closeTimeout="00:01:00"
        openTimeout="00:01:00" receiveTimeout="00:10:00" sendTimeout="00:01:00"
        bypassProxyOnLocal="false" transactionFlow="false"
        hostNameComparisonMode="StrongWildcard"
        maxBufferPoolSize="524288" maxReceivedMessageSize="2147483647"
        messageEncoding="Text"
        textEncoding="utf-8" useDefaultWebProxy="true" allowCookies="false">
        <readerQuotas maxDepth="32" maxStringContentLength="8192" maxArrayLength="16384"
          maxBytesPerRead="4096" maxNameTableCharCount="16384"/>
        <reliableSession ordered="true" inactivityTimeout="00:10:00" enabled="false"/>
        <security mode="TransportWithMessageCredential">
          <transport clientCredentialType="None" proxyCredentialType="None" realm=""/>
          <message clientCredentialType="UserName" negotiateServiceCredential="true"
            algorithmSuite="Default" establishSecurityContext="true"/>
        </security>
      </binding>
    </wsHttpBinding>
  </bindings>
  <client>
    <endpoint address="https://dmha.fssa.in.gov/darmha/darmhaservices.svc"
      binding="wsHttpBinding"
      bindingConfiguration="WSHttpBinding_IWcfService"
      contract="Client.IWcfService"
      name="WSHttpBinding_IWcfService">
      <identity>
        <dns value="localhost"/>
      </identity>
    </endpoint>
  </client>
</system.serviceModel>
```

Fields indicated as optional must still appear in the command call, but should have empty values passed. In the case of the Web Method call the parameter list might look like the following:

```
var client = new DARMHA_ServiceReference.DARMHAServiceClient();

client.ClientCredentials.UserName.UserName = "username";
client.ClientCredentials.UserName.Password = "password";

client.Open();
Console.WriteLine(client.ConsumerExists(param1,param2,"",param4,"", "", ""));
client.Close();
```

The example assumes that param3,5,6, and 7 are defined as string.

In the case of a SOAP XML message, you would frame it as an empty tag: <Internal_ID></Internal_ID>

Inclusion of "" within the tag would be incorrect.

When the methods expect parameters that are derived from code or look-up tables, please reference the DARMHA Import/Export manual for a listing of acceptable codes for each data element.

* In the detailed listing of the Serializable Web Classes, the items highlighted in yellow are those items that are optional data to provide to DARMHA.

Web Classes

Classes have been established that are serializable and can be consumed much like the web methods for the passing of data to and from the application where applicable. When possible/appropriate, duplicate methods exist to facilitate those that would most benefit from the use of Web Classes.

The following is a detailed listing of the Serializable Web Classes that are available for DARMHA Web Service users that will grant you easier access to the retrieval and submission of data via the Web Services protocol. The **Error_Code** field is only available in item classes and will be populated for error codes.

- AssessmentResultItem
- AssessmentToolQuestionItem
- AssessmentToolItem
- AssessmentHeader1
- AssessmentHeader2
- AssessmentHeader3
- ClinicianCertificationItem
- Consumer
- ConsumerItem (Same as Consumer with Error_Code field)
- DiagnosisCodeItem
- DiagnosisAgreementType
- Encounter
- EncounterItem (Same as Encounter with Error_Code field)
- Episode
- EpisodeItem (Same as Episode with Error_Code field)
- NOMS
- SubstanceItem

AssessmentResultItem Class

| | |
|---------|-------------------|
| Integer | Visit_ID |
| String | Algorithm_Desc |
| String | Option_Desc_Short |
| String | Option_Desc_Long |
| Integer | Option_Level |
| String | Error_Code |

AssessmentToolQuestionItem Class

| | |
|---------|------------------------|
| Integer | Module_ID |
| String | Module_Name |
| Integer | Question_ID |
| String | Question_Text |
| String | Question_Clarification |
| Integer | Question_Order |
| Integer | Answer_ID |
| String | Answer_Desc |
| String | Answer_Value |
| String | Error_Code |

AssessmentToolItem Class

| | |
|---------|-----------------|
| Integer | Tool_ID |
| String | Tool_Desc_Long |
| String | Tool_Desc_Short |
| Integer | Group_ID |
| String | Group_Desc |
| String | Error_Code |

AssessmentHeader1 Class

| | |
|----------------|----------------------------|
| String | Clinician_ID |
| String | Assessment_Date |
| Integer | Assessment_Reason_Code |
| String | Internal_Episode_Code |
| String | Internal_Assessment_ID |
| Integer | Strengthening_Families |
| Integer | Parent_Child_Interactive |
| Integer | Child_Parent_Psychotherapy |
| Integer | Incredible_Years |
| Integer | Reporting_Field1 |
| Integer | Reporting_Field2 |
| Integer[array] | Answer_ID |

AssessmentHeader2 Class

| | |
|----------------|----------------------------|
| String | Clinician_ID |
| String | Assessment_Date |
| Integer | Assessment_Reason_Code |
| String | Internal_Episode_Code |
| String | Internal_Assessment_ID |
| Integer | Trauma_Focused |
| Integer | Aggression_Replacement |
| Integer | Cannabis_Youth |
| Integer | Strengthening_Families |
| Integer | Parent_Child_Interactive |
| Integer | Structure_Psychotherapy |
| Integer | Dialectical_Behavior |
| Integer | Cognitive_Behavior |
| Integer | Incredible_Years |
| Integer | Functional_Family |
| Integer | High_Fidelity_Wraparound |
| Integer | Youth_First_Family |
| Integer | Alternative_Families |
| Integer | Motivational_Interviewing |
| Integer | Cognitive_Behavior_Therapy |
| Integer | Reporting_Field1 |
| Integer | Reporting_Field2 |
| Integer[array] | Answer_ID |

AssessmentHeader3 Class

| | |
|----------------|---------------------------|
| String | Clinician_ID |
| String | Assessment_Date |
| Integer | Assessment_Reason_Code |
| String | Internal_Episode_Code |
| String | Internal_Assessment_ID |
| Integer | SMI_Carve_Out |
| Integer | ACT_Indicator |
| Integer | Illness_Management |
| Integer | Integrated_Dual_Diagnosis |
| Integer | Motivational_Interviewing |
| Integer | Cognitive_Behavior |
| Integer | Matrix_Model |
| Integer | Dialectical_Behavior |
| Integer | Clubhouse |
| Integer | Peer_Support |
| Integer | Reporting_Field1 |
| Integer | Reporting_Field2 |
| Integer[array] | Answer_ID |

ClinicianCertificationItem Class

| | |
|---------|-----------------------|
| Integer | Certification_Type_ID |
| String | Certification_Desc |
| String | Effective_Start_Date |
| String | Expiration_Date |
| String | Error_Code |

Consumer Class

| | |
|---------|-----------------------|
| String | Internal_ID |
| String | CSDS_ID |
| String | Last_Name |
| String | First_Name |
| String | Gender |
| String | Birth_Date |
| String | SSN |
| Integer | Ethnicity |
| String | Zipcode |
| String | Middle_Name |
| String | Mother_Maiden_Name |
| Integer | Race_American_Indian |
| Integer | Race_Asian |
| Integer | Race_African_American |
| Integer | Race_Caucasian |
| Integer | Race_Hawaiian |
| Integer | Race_Other |
| Integer | Suffix_ID |
| String | Medicaid_ID |
| String | DOC_ID |
| Integer | New_Forensic_Program |

DiagnosisCodeItem Class

| | |
|---------|-------------------|
| Integer | Diagnosis_ID |
| String | Diagnosis_Code |
| String | Diagnosis_Desc |
| Integer | Leading_Cause_Ind |
| String | Error_Code |

DiagnosisAgreementType Class

| | |
|---------|-----------------------|
| String | Diagnosis_Date |
| String | Primary_Diagnosis1 |
| String | Diagnosis2 |
| String | Diagnosis3 |
| String | Diagnosis4 |
| String | Diagnosis5 |
| Integer | SOGS |
| Integer | HC_Diabetes |
| Integer | HC_Cardiovascular |
| Integer | HC_Hypertension |
| Integer | HC_Hyperlipidemia |
| Integer | HC_Cancer |
| Integer | HC_Smoking |
| Integer | HC_Obesity |
| Integer | HC_Asthma |
| Integer | HC_COPD |
| Integer | Agreement_Type |
| Integer | Specialized_Treatment |
| Integer | Agreement_Change |

Encounter Class

| | |
|---------|---------------------|
| String | Service_Date |
| String | Procedure_Code |
| Integer | Units |
| Integer | Common_Value |
| Integer | Clinician_Level |
| String | Internal_Service_ID |

SubstanceItem Class

| | |
|---------|----------------|
| Integer | Substance_ID |
| String | Substance_Desc |
| String | Error_Code |

Episode Class

| | |
|---------|-----------------------|
| String | Internal_Episode_Code |
| String | Start_Date |
| String | End_Date |
| Integer | Medicaid_Active |
| Integer | Marital_Status |
| Integer | County |
| Integer | FoodStamps |
| Integer | Referral_Source |
| Integer | Legal_Basis |
| Integer | Military_Served |
| Integer | Military_Veteran |
| Integer | Military_Deployed |
| Integer | Military_Combat |
| Integer | Military_Family |
| Integer | Consumer_Disability |
| Integer | TANF |
| Integer | Health_Insurance |
| Integer | Family_Size |
| Integer | Adjusted_Income |
| Integer | Episode_Status |
| Integer | Prior_SAEpisodes |
| Integer | Dependent_Children |
| Integer | DSC_Status |
| String | DSC_Start_Date |

NOMS Class

| | |
|---------|--------------------|
| String | NOMS_Date |
| Integer | Reason_Code |
| Integer | Education_Level |
| Integer | School_Attendance |
| Integer | Employment |
| Integer | Employment_Detail |
| Integer | Roles_Score |
| Integer | Living_Arrangement |

| | |
|---------|-----------------------------|
| Integer | Housing_Category |
| Integer | Housing_Stability |
| Integer | Residential_Support_Level |
| Integer | Community_Integration_Level |
| Integer | Homeless_Services |
| Integer | Primary_Substance |
| Integer | Primary_Route |
| Integer | Primary_Frequency |
| Integer | Primary_Age |
| Integer | Secondary_Substance |
| Integer | Secondary_Route |
| Integer | Secondary_Frequency |
| Integer | Secondary_Age |
| Integer | Tertiary_Substance |
| Integer | Tertiary_Route |
| Integer | Tertiary_Frequency |
| Integer | Tertiary_Age |
| Integer | Criminal_Involvement |
| Integer | Social_Support |
| Integer | Needle_Use |
| Integer | Currently_Pregnant |
| Integer | Supported_Employment |
| Integer | Supported_Housing |

WEB METHODS

Consumer Demographic Object

ConsumerExist

This method checks the existence of a consumer record from the database.

[C#]
`public int ConsumerExists(string Internal_ID, int Medicaid_Active, int Medicaid_ID, string CSDS_ID, string Last_Name, string First_Name, string Birth_Date)`

[Visual Basic.Net]

`Public ConsumerExists(Byval Internal_ID as String, Byval Medicaid_Active as Integer, Byval Medicaid_ID as String, Byval CSDS_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String) as Integer`

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Medicaid_Active | Yes | Integer | | 0 – Not Active, 1 – Active |
| Medicaid_ID | No* | String | 12 | Consumer's Medicaid ID |
| CSDS_ID | No* | String | 16 | For consumers served in CSDS, please supply this number. |
| Last_Name | Yes | String | 30 | Consumer's Last Name |
| First_Name | Yes | String | 25 | Consumer's First Name |
| Birth_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |

* Must enter: "" (empty double quotes)

Returns: Integer

| Value | Value Description |
|-------|---------------------------|
| >0 | DARMHA ID (Record found) |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

ValidateConsumer

This method validates consumer information by a given parameters.

[C#]
`public string ValidateConsumer(Consumer inputConsumer)`

[Visual Basic.Net]

`Public ValidateConsumer(Byval inputConsumer as Consumer) as String`

inputConsumer Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| inputConsumer | | | | |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| CSDS_ID | No* | String | 16 | For consumers served in CSDS, please supply this number. |
| Last_Name | Yes | String | 30 | Consumer's Last Name |
| First_Name | Yes | String | 25 | Consumer's First Name |
| Birth_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Gender | Yes | String | 1 | M = Male, F = Female |
| SSN | No* | String | 11 | 999-99-9999 |
| Ethnicity | Yes | Integer | | Consumer's Ethnic Status: 1 = Puerto Rican 2 = Mexican 3 = Cuban 4 = Other Hispanic/Latino 5 = Not Hispanic/Latino 6 = Latino Unknown Origin |
| Zipcode | Yes | String | 10 | 99999 or 9999-99999 (5 or 5 + dash + 4) |
| Middle_Name | Yes | String | 25 | Consumer's Middle Name |
| Mother_Maiden_Name | No* | String | 30 | Consumer's Mother's Maiden Name |
| Race_American_Indian | Yes | Integer | | 0 = Not Native American; 1 = Native American |
| Race_Asian | Yes | Integer | | 0 = Not Asian; 1 = Asian |
| Race_African_American | Yes | Integer | | 0 = Not African American; 1 = African American |
| Race_Caucasian | Yes | Integer | | 0 = Not White; 1 = White |
| Race_Hawaiian | Yes | Integer | | 0 = Not Native Hawaiian/Pacific Islander 1 = Native Hawaiian/Pacific Islander |
| Race_Other | Yes | Integer | | 0 = Race category was selected 1 = Available race categories do not apply |
| Suffix_ID | Yes | Integer | | Consumer' Name Suffix: -2 = None 1 = I (First) 2 = II (Second) 3 = III (Third) 4 = IV (Fourth) 5 = V (Fifth) 10 = Jr. 11 = Sr. |
| Medicaid_ID | No* | String | 12 | Medicaid ID (Optional) |
| DOC_ID | No* | String | 6 | Field is utilized for new program – optional for new program |
| New_Forensic_Program | Yes | Int | | Field used for new program- required for new program (0 = No, 1 = Yes, -3 = Not Applicable) |

*If not provided, must leave blank.

Returns: string

| Value | Value Description |
|-------|--|
| 1 | Consumer record was validated successfully |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -52 | At least one race must be selected |
| -57 | Other single race can only be used when the other race categories do not apply |
| -84 | Provider not eligible for new program. |

| | |
|-----|--|
| -85 | Required data for new program is not complete. |
| -89 | Suffix does not belong in the last name field. |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Last_Name, Gender and Race_Asian will return: 00100100000010000000

[InsertConsumer](#)

This method inserts new consumer record in the database.

[C#]

```
public string InsertConsumer(Consumer inputConsumer)
```

[Visual Basic.Net]

```
Public InsertConsumer(Byval inputConsumer as Consumer) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---------------|----------|-----------|--------|--|
| inputConsumer | Yes | Class | | Please see inputConsumer parameter in ValidateConsumer method. |

Returns: String (*It will return a zero (0) value to flag inserted successfully otherwise, returns existing DARMHA ID*)

| Value | Value Description |
|-------|--|
| 0 | Record inserted successfully |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -57 | Other single race can only be used when the other race categories do not apply |
| -65 | Based on DOB and Social Security, this consumer already exists |
| -84 | Provider not eligible for new program. |
| -85 | Required data for new program is not complete. |
| -89 | Suffix does not belong in the last name field. |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Last_Name, Gender and Race_Asian will return: 00100100000010000000

UpdateConsumer

This method updates the existing consumer record based on the details parameters given.

[C#]

```
public string UpdateConsumer(Consumer inputConsumer)
```

[Visual Basic.Net]

```
public UpdateConsumer(Byval inputConsumer as Consumer ) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---------------|----------|-----------|--------|---|
| inputConsumer | Yes | Class | | Please see inputConsumer parameter in ValidateConsumer method |

Returns: String (It will return a positive value to flag inserted successfully)

| Value | Value Description |
|-------|--|
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -57 | Other single race can only be used when the other race categories do not apply |
| -66 | Cannot updated consumer record, DOB does not match assessment tool. |
| -84 | Provider not eligible for new program. |
| -85 | Required data for new program is not complete. |
| -89 | Suffix does not belong in the last name field. |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Last_Name, Gender and Race_Asian will return: 00100100000010000000

ConsumerLastAssessed

This method returns the latest assessment date for an specific consumer.

[C#]

```
public string ConsumerLastAssesed(string Internal_ID)
```

[Visual Basic.Net]

```
Public String ConsumerLastAssesed(Byval Internal_ID as String) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: String

| Value | Value Description |
|------------|---------------------------|
| MM/DD/YYYY | Last Assessment Date |
| 0 | Consumer Record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -5 | No Assessment Found |

GetConsumer

This method retrieves a dataset of a particular existing consumer from the database.

[C#]

```
public ConsumerItem GetConsumer(string Internal_ID)
```

[Visual Basic.Net]

```
Public GetConsumer(Byval Internal_ID as String) as ConsumerItem
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: **ConsumerItem** with **Error_Code** field (blank default)

| Error_Code | Value Description |
|------------|---------------------------|
| 0 | Consumer Record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

Assessment Object

ValidateAssessment

This method validates an existing Consumer Assessment record.

[C#]
public string ValidateAssessment(**string** Internal_ID, **string** Assessment_Date, **string** Clinician_ID, **int** Assessment_Reason_Code, **int[]** Answer_ID)

[Visual Basic.Net]
Public ValidateAssessment(**Byval** Internal_ID as **String**, **Byval** Assessment_Date as **String**, **Byval** Clinician_ID as **String**, **Byval** Assessment_Reason_Code as **Integer**, **Byval** Answer_ID() as **Integer**) as **String**

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|------------------------|----------|-----------------|--------|---|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Assessment_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Clinician_ID | Yes | String | 25 | The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer. |
| Assessment_Reason_Code | Yes | Integer | 4 | 1 = Initial Assessment 2 = Reassessment 3 = Transition/Discharge |
| Answer_ID | Yes | Integer [Array] | 4 | The identifier that represents the answer selected for this item/question within the assessment. |

Returns: String

| Value | Value Description |
|-------|--|
| 1 | Assessment has been validated successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -6 | Assessment Date is required |
| -7 | Invalid Assessment Date (format) |
| -8 | Future Assessment Date is not allowed |
| -9 | Duplicate Assessment – Same Internal_ID and Assessment_Date |
| -10 | Answer_ID is required |
| -11 | Clinician_ID is required |
| -12 | Clinician_ID not found or certification is missing or has expired |
| -13 | Invalid Assessment Reason Code. |
| -14 | Assessment is empty |
| -15 | Assessment Answer Error: An answer does not match with existing assessment. |
| -16 | -16 Assessment is incomplete: <<Error Question>> answer is missing from core module <<Error Module>> |
| -17 | Assessment Answer Mismatch Error: An answer does not match with corresponding assessment. |
| -18 | -18 Assessment is incomplete: <<Error Question>> answer is missing from a mandated extension module <<Error Module>> |
| -19 | Unexpected error |

ProcessAssessment1

This method process a single consumer CANS 0-5 assessment record into the database.

[C#]

```
public string ProcessAssessment1(string Internal_ID, AssessmentHeader1 inputAssessmentHeader1)
```

[Visual Basic.Net]

```
Public ProcessAssessment1(Byval Internal_ID as String, Byval inputAssessmentHeader1 as AssessmentHeader1) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|----------------------------|----------|---------------|--------|---|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| InputAssessmentHeader1 | | | | |
| Clinician_ID | Yes | String | 25 | The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer. |
| Assessment_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Assessment_Reason_Code | Yes | Integer | 4 | 1 = Initial Assessment 2 = Reassessment 3 = Transition/Discharge |
| Internal_Episode_Code | No | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this blank to use current episode. |
| Internal_Assessment_ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |
| Strengthening_Families | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Parent_Child_Interactive | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Child_Parent_Psychotherapy | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Incredible_Years | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Reporting_Field1 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Reporting_Field2 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Answer_ID | Yes | Integer Array | 4 | This is the identifier provided by DMHA for the corresponding answer of each item/question within the assessment |

Returns: String

| Value | Value Description |
|-------|--|
| 1 | Assessment has been processed successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

| | |
|-----|--|
| -5 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| -6 | Assessment Date is required |
| -7 | Invalid Assessment Date (format) |
| -8 | Future Assessment Date is not allowed |
| -9 | Duplicate Assessment – Same Internal_ID and Assessment_Date |
| -10 | Answer_ID is required |
| -11 | Clinician_ID is required |
| -12 | Clinician_ID not found or certification is missing or has expired |
| -13 | Invalid Assessment Reason Code. |
| -14 | Assessment is empty |
| -15 | Assessment Answer Error: An answer does not match with existing assessment. |
| -16 | -16 Assessment is incomplete: <<Error Question>> answer is missing from core module <<Error Module>> |
| -17 | Assessment Answer Mismatch Error: An answer does not match with corresponding assessment. |
| -18 | -18 Assessment is incomplete: <<Error Question>> answer is missing from a mandated extension module <<Error Module>> |
| -19 | Unexpected error |
| -21 | Reason Code Error: Incorrect Reason Code Specified |
| -23 | System Error: Simple Episode Creation Failed |
| -24 | Episode Error: Assessment cannot be attached to an episode closed for over a year |
| -25 | Episode Error: Assessment is not within the boundaries of the Episode |
| -26 | Discharge Assessment Saved, Episode Could Not Be Closed |
| -27 | Episode Error: Invalid Episode specified |
| -58 | Invalid Assessment Tool for Consumer's Age |
| -71 | New Data can only be added for 180 days after the Episode End Date |
| -76 | Valid County ID code required |
| -77 | Clinician ID does not exist in DARMHA |
| -78 | Certification does not exist in DARMHA |
| -79 | Clinician certification is expired |
| -86 | Duplicate Internal Episode Code exist in consumer |
| -91 | Invalid assessment layout for tool |
| -92 | Assessment question(s) has multiple Answer IDs |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Strengthening_Families and Incredible_Years will return: 000000100100

ProcessAssessment2

This method process a single consumer CANS 5-17 assessment record into the database.

[C#]

```
public string ProcessAssessment2(string Internal_ID, AssessmentHeader2 inputAssessmentHeader2)
```

[Visual Basic.Net]

```
Public ProcessAssessment2(Byval Internal_ID as String, Byval inputAssessmentHeader2 as AssessmentHeader2) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|----------------------------|----------|---------------|--------|---|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| inputAssessmentHeader2 | | | | |
| Clinician_ID | Yes | String | 25 | The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer. |
| Assessment_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Assessment_Reason_Code | Yes | Integer | 4 | 1 = Initial Assessment 2 = Reassessment 3 = Transition/Discharge |
| Internal_Episode_Code | No | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this blank to use current episode. |
| Internal_Assessment_ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |
| Trauma_Focused | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Aggression_Replacement | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Cannabis_Youth | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Strengthening_Families | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Parent_Child_Interactive | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Structured_Psychotherapy | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Dialectical_Behavior | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Cognitive_Behavior | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Incredible_Years | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Functional_Family | Yes | Integer | 1 | 0 = No, 1 = Yes |
| High_Fidelity_Wraparound | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Youth_First_Family | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Alternative_Families | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Motivational_Interviewing | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Cognitive_Behavior_Therapy | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Reporting_Field1 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Reporting_Field2 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Answer_ID | Yes | Integer Array | 4 | This is the identifier provided by DMHA for the corresponding answer of each item/question within the assessment |

Please see *ProcessAssessment1* method for error code return value.

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Assessment Date will return: 0010000000000000000000

[ProcessAssessment3](#)

This method process a single consumer ANSA assessment record into the database.

[C#]

public string ProcessAssessment3(**string** Internal_ID, **AssessmentHeader3** inputAssessmentHeader3)

[Visual Basic.Net]

Public ProcessAssessment3(**Byval** Internal_ID as **String**, **Byval** inputAssessmentHeader3 as **AssessmentHeader3**) as **String**

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---------------------------|----------|-----------|--------|---|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| inputAssessmentHeader3 | | | | |
| Clinician_ID | Yes | String | 25 | The ID of the Clinician, registered and currently certified, at the provider's practice, responsible for administering the CANS/ANSA to the consumer. |
| Assessment_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Assessment_Reason_Code | Yes | Integer | 4 | 1 = Initial Assessment 2 = Reassessment 3 = Transition/Discharge |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this field blank to use current episode. |
| Internal_Assessment_ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |
| SMI_Curve_Out | Yes | Integer | 1 | 0 = No, 1 = Yes |
| ACT_Indicator | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Illness_Management | Yes | Integer | 1 | 0 = No, 1 = Yes, w/ Fidelity, 2 = Yes w/o Fidelity |
| Integrated_Dual_Diagnosis | Yes | Integer | 1 | 0 = No, 1 = Yes, w/ Fidelity, 2 = Yes w/o Fidelity |
| Motivational_Interviewing | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Cognitive_Behavior | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Matrix_Model | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Dialectical_Behavior | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Clubhouse | Yes | Integer | 1 | 0 = No, 1 = Yes |
| Peer_Support | Yes | Integer | 1 | 0 = No, 1 = Yes |

| | | | | |
|------------------|-----|---------------|---|--|
| Reporting_Field1 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Reporting_Field2 | Yes | Integer | 2 | Number to link with default list or the list you give DARMHA Support (Leave 0 value if not used) |
| Answer_ID | Yes | Integer Array | 4 | This is the identifier provided by DMHA for the corresponding answer of each item/question within the assessment |

Please see *ProcessAssessment1* method for return value.

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Assessment Date will return: 001000000000000000

GetAssessmentResults

This method retrieves a list containing the assessment results.

[C#]

Public List<AssessmentResultItem> GetAssessmentResults(string Internal_ID, string Assessment_Date, string Internal_Assessment_ID)

[Visual Basic.Net]

Public GetAssessmentResults(Byval Internal_ID as String, Byval Assessment_Date as String, Byval Internal_Assessment_ID as String) as List<AssessmentResultItem>

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|------------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Assessment_Date | Yes | Date | | Format should be: "MM/DD/YYYY" |
| Internal Assessment ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |

Returns: List<AssessmentResultItem> with **Error_Code** field (blank default)

| Error_Code | Value Description |
|------------|---------------------------------------|
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -6 | Assessment Date is required |
| -7 | Invalid Assessment Date (format) |
| -8 | Future Assessment Date is not allowed |

GetAssessmentTools

This method returns list of active assessment tool records.

[C#]

Public List<AssessmentToolItem> GetAssessmentTools()

[Visual Basic.Net]

Public GetAssessmentTool() as List<AssessmentToolItem>

Returns: List<AssessmentToolItem> with Error_Code field (blank default)

| Error_Code | Value Description |
|------------|-----------------------|
| 0 | Tool record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

GetAssessmentToolQuestions

This method returns list of questions from specific assessment tool records.

[C#]

Public List<AssessmentToolQuestionItem> GetAssessmentToolQuestions(int Tool_ID)

[Visual Basic.Net]

Public GetAssessmentToolQuestions(Byval Tool_ID as Integer) as List<AssessmentToolQuestionItem>

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|------------|----------|-----------|--------|---|
| Tool_ID | Yes | Integer | | This identifies which assessment tool definition to retrieve. |

Returns: List<AssessmentToolQuestionItem> with Error_Code field (blank default)

| Error_Code | Value Description |
|------------|-----------------------|
| 0 | Tool record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

GetClinicianCertification

This method retrieves a list of all the active certification for a particular clinician.

[C#]

```
public List<ClinicianCertificationItem> GetClinicianCertification(String Internal_Staff_ID)
```

[Visual Basic.Net]

```
Public GetClinicianCertification(Byval Internal_Staff_ID as String) as List<ClinicianCertificationItem>
```

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------------|----------|-----------|--------|-------------------------------|
| Internal_Staff_ID | Yes | String | 25 | Clinician's Internal Staff ID |

Returns: List<ClinicianCertificationItem> with Error_Code field (blank default)

| Error_Code | Value Description |
|------------|-----------------------|
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

ValidateAnswers

This method validates if the assessment answers are complete and returns message.

[C#]

```
public string ValidateAnswers(int[] Answer_ID)
```

[Visual Basic.Net]

```
Public ValidateAnswers(Byval Answer_ID() as Integer) as String
```

| Field Name | Required | Data Type | Length | Comments/Description |
|------------|----------|---------------|--------|--|
| Answer_ID | Yes | Integer Array | 4 | This is the identifier provided by DMHA for the corresponding answer of each item/question within the assessment |

Returns: String (Blank if answers are complete)

| Value | Value Description |
|-------|-----------------------|
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

String representing detailed explanation of issue.

Example :

No Answers were provided for required Question_ID(s): 586,664,665,666.

Episode Object

GetLatestEpisode

This method returns the ID of the consumer's latest Episode of Care for reference.

[C#]

```
public string GetLatestEpisode(string Internal_ID)
```

[Visual Basic.Net]

```
Public GetLatestEpisode(Byval Internal_ID as String) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: String

| Value | Value Description |
|-----------------------|--|
| Internal_Episode_Code | This is the ID of the Consumer's Latest Episode of Care. |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -30 | Consumer has no Episode of Care defined |
| -34 | Latest Episode has no Internal Identifier |

GetPriorEpisode

This method returns the ID of the consumer's previous Episode of Care prior to the submitted Episode of Care information for reference.

[C#]

```
public string GetPriorEpisode(string Internal_ID, string Internal_Episode_Code, string Episode_Start_Date)
```

[Visual Basic.Net]

```
Public string GetPriorEpisode(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval Episode_Start_Date as String) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Episode_Start_Date | No | Date | | Only supply placeholder, used in Secondary Flow only. Format should be: "MM/DD/YYYY" |

Returns: String

| Value | Value Description |
|-----------------------|--|
| Internal_Episode_Code | This is the ID of the Consumer's Prior Episode of Care from the episode id submitted |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -46 | Consumer has no Prior Episode of Care defined |
| -31 | No Episode of Care defined by the supplied criteria |
| -37 | Invalid Episode Start Date or Internal Episode ID |

[GetEpisodeStatus](#)

This method returns current episode status

[C#]

```
public string GetEpisodeStatus(string Internal_ID)
```

[Visual Basic.Net]

```
Public GetEpisodeStatus(Byval Internal_ID as String) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: String

| Value | Value Description |
|--------------|--|
| 1 | The current episode is open |
| "mm/dd/yyyy" | The current episode is closed and returns the Episode End Date |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -30 | Consumer has no Episode of Care defined |

[GetEpisode](#)

This method returns consumer's Episode of Care record.

[C#]

```
public EpisodeItem GetEpisode (string Internal_ID, string Internal_Episode_Code)
```

[Visual Basic.Net]

```
Public GetEpisode(Byval Internal_ID as String, Byval Internal_Episode_Code as String) as EpisodeItem
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |

Returns: **EpisodeItem** with **Error_Code** field (blank default)

| Error_Code | Value Description |
|------------|---|
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -30 | Consumer has no episode of care defined |
| -86 | Duplicate internal episode code exist in consumer |

[GetEpisodeList](#)

This method returns list of the consumer's Episode of Care.

[C#]

```
public List<EpisodeItem> GetEpisodeList(string Internal_ID)
```

[Visual Basic.Net]

```
Public GetEpisodeList(ByVal Internal_ID as String) as List<EpisodeItem>
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: **List<EpisodeItem>** with **Error_Code** field (blank default)

| Error_Code | Value Description |
|------------|---------------------------|
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

CloseEpisode

This method closes the consumer's currently open episode of care.

[C#]

```
public string CloseEpisode(string Internal_ID, string Internal_Episode_Code, string Episode_End_Date, int Episode_Status_Code)
```

[Visual Basic.Net]

```
Public CloseEpisode(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval Episode_End_Date as String, Byval Episode_Status_Code as Integer) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Episode_End_Date | Yes | Date | | Date the Episode is to be marked as closed. Required format: "MM/DD/YYYY" |
| Episode_Status_Code | Yes | Integer | | This represents any special circumstance or condition that may exist as a continuing factor in the consumer's episode OR affect the end of the consumer's episode. |

Returns: String

| Value | Value Description |
|-------|---|
| 1 | Episode Closed Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -31 | No open Episode of Care defined by the supplied criteria |
| -35 | Invalid Episode_Status_Code |
| -38 | Invalid Episode Close Date |
| -68 | Episode cannot be closed on the same date the Agreement Type have changed |
| -70 | Episode must be open for at least one day |
| -86 | Duplicate internal episode code exist in consumer |

InsertEpisode

This method creates a new episode of care for the indicated consumer.

[C#]

```
public string InsertEpisode(string Internal_ID, Episode inputEpisode)
```

[Visual Basic.Net]

```
Public InsertEpisode(Byval inputEpisode as String, Byval inputEpisode as Episode) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|---|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| InputEpisode | | | | |
| Internal_Episode_Code | | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Episode_Start_Date | Yes, on episode creation only, cannot be edited | Date | | Date the consumer's episode of care began (MM/DD/YYYY) |
| Episode_End_Date | No, except when closing an episode of care | Date | | Date the consumer's episode of care ended (MM/DD/YYYY) |
| Medicaid_Active | Yes | Integer | | Does the consumer have Medicaid or HIP that is active? 0 = No, 1 = Yes <i>If Yes, Medicaid ID in Consumer data is required.</i> |
| Marital_Status | Yes | Integer | | 1 = Single 2 = Married/Living together 3 = Widowed 4 = Divorced 5 = Married separated |
| County | Yes | Integer | | Numerical county identifier |
| Foodstamps | Yes | Integer | | Is the consumer currently receiving Food Stamps? 0 = No, 1 = Yes |
| Referral_Source | Yes | Integer | | 1 = Individual/Self 2 = Alcohol/Drug Abuse Care Provider 3 = Health Care, Other 4 = School (Educational) 5 = Employer/Employee Assistance Program 6 = Other Community Referral 7 = Court/Criminal Justice 8 = Referral from Child Welfare/Department of Child Services (DCS) |
| Legal_Basis | Yes, if Source of Referral = 7 otherwise list as -3 | Integer | | 1 = State/Federal Court 2 = Other Court (not State or Federal) 3 = Probation/Parole 4 = Other Recognized Legal Entity (E.G. local law enforcement agency, corrections agency, youth services, review board/agency) 5 = Diversionary Program (e.g., TASC) 6 = Prison 7 = DUI/DWI 8 = Other |
| Military_Served | Yes, if consumer is under 18 | Integer | | The consumer served in one of the branches of the military, including the National Guard. 0 = No, 1 = Yes, -3 = Not Applicable |

| | | | | |
|---------------------|--|---------|--|---|
| | mark as -3 Not Applicable | | | |
| Military_Veteran | Yes, if Served is 0 then list 0. If served is -3 then list as -3. | Integer | | The consumer is considered to be a veteran. 0 = No, 1 = Yes, -3 = Not Applicable |
| Military_Deployed | Yes, if Served is 0 then list 0. If served is -3 then list as -3. | Integer | | The consumer has been deployed in the past. 0 = No , 1 = Yes , -3 = Not Applicable |
| Military_Combat | Yes, if Served is 0 then list 0. If served is -3 then list as -3. | Integer | | The consumer served in combat. 0 = No, 1 = Yes, -3 = Not Applicable |
| Military_Family | Yes | Integer | | A member of the consumer's immediate family served in the military. 0 = No, 1 = Yes |
| Consumer_Disability | Yes | | | -2 = None 2 = Blind 3 = MR/DD 4 = Deaf 5 = Mute 6 = Non-ambulatory 7 = Other Physical/Medical 8 = Neurological Impairment 9 = Learning or reading disabilities 11 = Traumatic Brain Injury 12 = Hard of Hearing |
| TANF | Yes | Integer | | Is the consumer enrolled in TANF? 0 = No, 1 = Yes |
| Health_Insurance | Yes | Integer | | -2 = None 1 = Private Insurance 4 = Medicaid 5 = Medicare 6 = Other 10 = HIP 11 = TRI Care 12 = Medicaid and Medicare |
| Family_Size | Yes, Must be at least one | Integer | | Number of individual supported by the adjusted family income. Maximum value is 30. |
| Adjusted_Income | Yes | Integer | | Annual family income - Maximum of six digits – Cannot be a negative number |
| Episode_Status | Yes <i>* Indicates an Episode</i> | Integer | | 1 = Consumer in treatment 3 = Service Completed* 4 = Consumer Dropped/Opted Out* |

| | | | | |
|--------------------|---|---------|--|---|
| | <i>End Date is required.</i> | | | 5 = Death* 6 = Moved out of Service Area* 7 = Incarcerated (treatment has stopped)* 8 = Entered Nursing Home (treatment has stopped)* 9 = Administrative Discharge* |
| Prior_SAEpisodes | Yes | Integer | | The number of prior Substance Abuse Episodes Value should be 0 - 30 |
| Dependent_Children | Yes | Integer | | Does the consumer have dependent children? 0 = No 1 = Yes |
| DSC_Status | Yes | Integer | | 0 = Not a DMHA Supported Consumer – This is the default. 1 = DMHA Supported Consumer 2 = DMHA Supported Consumer - Medication Only Note: Changing this status at episode close is not allowed. |
| DSC_Start_Date | No, except when the HAP Status is changed, a date will be required. | Date | | For new episodes, this field will be automatically populated with the episode start date. When the status is changed, a date will be required. <i>No future dates, no date before the Episode Start Date and no date before a previous DMHA Supported Consumer Status Start Date are allowed.</i> |

Returns: String

| Value | Value Description |
|-------|--|
| 1 | Episode Inserted Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -32 | Existing Open Episode of Care Exists; cannot create second open episode without closing first. |
| -35 | Invalid Episode_Status_Code |
| -80 | Medicaid ID is required if Medicaid status is active or Medicaid ID format is invalid. |
| -81 | When Served is "Yes," Veteran, Deported and Combat questions cannot be "Not Applicable." |
| -86 | Duplicate internal episode code exist in consumer |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Foodstamps, Legal_Basis will return: 000000010100000000000000

UpdateEpisode

This method updates an existing episode of care for the indicated consumer.

[C#]

```
public string UpdateEpisode(string Internal_ID, Episode inputEpisode)
```

[Visual Basic.Net]

```
Public UpdateEpisode(Byval Internal_ID as String, Byval inputEpisode as Episode) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|--------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| InputEpisode | Yes | Class | | Please see inputEpisode parameters in InsertEpisode method. |

Returns: String

| Value | Value Description |
|-------|--|
| 1 | Episode Updated Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -33 | No Episode of Care exists, use Insert instead of Update |
| -35 | Invalid Episode_Status_Code |
| -53 | Invalid DSC Start Date |
| -54 | Invalid DSC Status Value |
| -55 | Reopened episode must remain open for 24 hours |
| -47 | Episode Closed longer 180 days - cannot modify |
| -68 | Episode cannot be closed on the same date the Agreement Type have changed |
| -70 | Episode must be open for at least one day |
| -80 | Medicaid ID is required if Medicaid status is active or Medicaid ID format is invalid. |
| -81 | When Served is "Yes," Veteran, Deported and Combat questions cannot be "Not Applicable." |
| -86 | Duplicate Internal Episode Code exist in Consumer |
| -88 | DSC status cannot change at episode closing |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Foodstamps, Legal_Basis will return: 000000010100000000000000

Encounter Object

InsertEncounter

This method inserts an Encounter/Service into the default or specified Episode of Care.

[C#]

```
public string InsertEncounter(string Internal_ID, string Internal_Episode_Code, Encounter inputEncounter)
```

[Visual Basic.Net]

```
Public InsertEncounter(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval inputEncounter as Encounter) as String
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|---|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this field blank to use current episode record. |
| inputEncounter | | | | |
| Service_Date | Yes | Date | | Date the service was provided. Required format: "MM/DD/YYYY" |
| Procedure_Code | Yes | String | 6 | Standard Current Procedural Terminology Codes (CPT) or Healthcare Common Procedure Coding System (HCPCS) codes. |
| Units | Yes | Integer | | The number of units of the procedure supplied above, must be greater than 0 - no partial units accepted - Maximum value is 999. |
| Common_Value | Yes | Integer | | The customary or typical value of this service for a single unit - Must be greater than zero. Maximum value is 99,999. |
| Clinician_Level | Yes | Integer | | 1 = Psychiatrist, Board Eligible or Certified 4 = Other MD or DO 7 = PhD Psychologist, HSPP 8 = PhD Psychologist, Non HSPP 10 = PhD or Masters in Social Work, Nursing, Counseling, Marriage and Family Therapy, Psychology, LCSW, LMHC or LMFT 13 = Other Masters or Other PhD 16 = Certified Addiction Counselor 19 = RNs 22 = Bachelors 25 = Less Than Bachelors 28 = Facility (Residential Care) Staff |
| Internal_Service_ID | Required data field in order to edit or delete an encounter | String | 25 | The providers internal identifier for this rendered service. |

Returns: String

| Value | Value Description |
|----------------------|---|
| 1 | Encounter Inserted Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -20 | Field(s) with Error |
| -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| -36 | Service Outside Episode of Care Bounds |
| -59 | Internal Service ID already exists; record skipped |
| -71 | New Data can only be added for 180 days after the Episode End Date |
| -74 | Records can only be updated for 180 days after the submission date to DARMHA |
| Items Specific Error | String representing the validation status of each field. <i>Values: 0 = Ok, 1 = Error</i> <i>From left to right:</i> Pos1: Internal_Episode_Code Pos2: Service_Date Pos3: Procedure_Code Pos4: Units Pos5: Common_Value Pos6: Level_of_Clinician Pos7: Internal_Service_ID <i>Example:</i> An error on Procedure_Code will return: 0010000 |

String representing the validation status of each field based from order position.

| |
|--|
| <p><i>From left to right: (values 0 = OK, 1 = Error)</i></p> <p>An error on Procedure_Code will return: 00010000</p> |
|--|

[UpdateEncounter](#)

This method updates an existing Consumer Encounter record.

[C#]

`public string UpdateEncounter(string Internal_ID, string Internal_Episode_Code, Encounter inputEncounter)`

[Visual Basic.Net]

`Public UpdateEncounter(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval inputEncounter as Encounter) as String`

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |

| | | | | |
|-----------------------|-----|--------|----|--|
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this field blank to use current episode record. |
| inputEncouter | Yes | Class | | Please see inputEncouter parameters in EncounterInsert. |

Returns: String

| Value | Value Description |
|-------|---|
| 1 | Encounter Updated Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| -40 | No Service Record found by supplied Internal Service ID |
| -60 | Internal Service ID is required |
| -67 | Encounter record can only be updated or deleted for 180 days after the date of submission to DARMHA |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Procedure_Code will return: 00010000

DeleteEncounter

This method removes a consumer Encounter/Service record.

[C#]

`public string DeleteEncounter(string Internal_ID, string Internal_Episode_Code, string Internal_Service_ID)`

[Visual Basic.Net]

`Public DeleteEncounter(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval Internal_Service_ID as String) as String`

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Internal_Service_ID | Yes | String | 20 | This is the provider's internally supplied identifier for this specific service rendered. |

Returns: String

| Value | Value Description |
|-------|--------------------------------|
| 1 | Encounter Deleted Successfully |
| 0 | Consumer record not found |

| | |
|-----|---|
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| -40 | No Service Record found by supplied Internal Service ID |
| -60 | Internal Service ID is required |
| -67 | Encounter record can only be updated or deleted for 180 days after the date of submission to DARMHA |

[GetEncounter](#)

This method retrieves a Consumer Encounter information into the *EncounterItem* class object.

[C#]

```
public EncounterItem GetEncounter(string Internal_ID, string Internal_Episode_Code, string Internal_Service_ID)
```

[Visual Basic.Net]

```
Public GetEncounter(Byval Internal_ID as String, Byval Internal_Episode_Code as String, Byval Internal_Service_ID as String) as EncounterItem
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|----------|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Internal_Service_ID | Yes | String | 20 | This is the provider's internally supplied identifier for this specific service rendered. |

Returns: **EncounterItem** with *Error_Code* field (blank default)

| Error_Code | Value Description |
|------------|---|
| 0 | Service record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -40 | No service record found related to supplied Internal Service ID |
| -60 | Internal Service ID is required |

Diagnosis & Agreement Type Object

InsertDiagnosisAgreementType

This method inserts a Diagnosis History Record into the default or specified Episode of Care.

[C#]
public string InsertDiagnosisAgreementType(**string** Internal_ID, **string** Internal_Episode_Code, **DiagnosisAgreementType** inputDiagnosisAgreementType)

[Visual Basic.Net]
Public InsertDiagnosisAgreementType(**Byval** Internal_ID as **String**, **Byval** Internal_Episode_Code as **String**, **Byval** inputDiagnosisAgreementType as **DiagnosisAgreementType**) as **String**

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------------|----------|-----------|--------|---|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this field blank to use current episode. |
| InputDiagnosisAgreementType | | | | |
| Diagnosis_Date | Yes | Date | | Date of consumer's diagnosis and agreement type (MM/DD/YYYY) |
| Primary_Diagnosis1 | Yes | String | 8 | Behavioral Health Diagnoses (DSM 5 or ICD 10) |
| Diagnosis2 | No | String | 8 | Same as above |
| Diagnosis3 | No | String | 8 | Same as above |
| Diagnosis4 | No | String | 8 | Same as above |
| Diagnosis5 | No | String | 8 | Same as above |
| SOGS | No | Integer | | South Oaks Gambling Score Accepted values are from 0 – 20. Required for consumers with Gambling funding type. If no SOGS score, you can code -2 (None). |
| HC_Diabetes | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Cardiovascular | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Hypertension | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Hyperlipidemia | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Cancer | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Smoking | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Obesity | Yes | Integer | | 0 = No, 1 = Yes |
| HC_Asthma | Yes | Integer | | 0 = No, 1 = Yes |
| HC_COPD | Yes | Integer | | 0 = No, 1 = Yes |
| Agreement_Type | Yes | Integer | | 1 = SMI 2 = SED 3 = CA Consumer s with SED agreement type must be less than 18 years old. To Select SMI, consumer must be at least |

| | | | | |
|-----------------------|--|---------|--|---|
| | | | | 18 years old. |
| Specialized_Treatment | No, 4 must have Agreement type of CA | Integer | | 2 = None 2 = Deaf Services 4 = Opioid Treatment 5 = Gambling Treatment |
| Agreement_Change | Yes, 3 must have Specialized Treatment of 2 or 4 | Integer | | 1 = Initial 2 = Refined Diagnosis 3 = Special Funding Requested |

Returns: String

| Value | Value Description |
|-------|---|
| 1 | Diagnosis History Inserted Successfully |
| 2 | Diagnosis History Updated Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| -42 | An Agreement Type of CA if required for Opioid Treatment |
| -63 | Funding has been requested for this record; it cannot be overwritten |
| -69 | Deferred Diagnosis is not allowed as the Primary Diagnosis |
| -71 | New Data can only be added for 180 days after the Episode End Date |
| -73 | Primary Diagnosis and Agreement Type does not match |
| -74 | Records can only be updated for 180 days after the submission date to DARMHA |
| -75 | Special Funding Requested should have an Specialized Treatment of Deaf Services or Opioid Treatment |
| -87 | Duplicate use of Diagnosis Code is not allowed |
| -90 | Diagnosis Codes must be submitted in order without blank entries in between |

String representing the validation status of each field based from order position.

From left to right: (values 0 = OK, 1 = Error)

An error on Primary_Diagnosis1 will return: 00010000000000000000

ValidateDiagnosisCode

This method returns the correct identifier to submit for a specific Diagnosis Code.

[C#]

```
public int ValidateDiagnosisCode(string Diagnosis_Code)
```

[Visual Basic.Net]

```
Public ValidateDiagnosisCode(Byval Diagnosis_Code as String) as Integer
```

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|----------------|----------|-----------|--------|--|
| Diagnosis_Code | Yes | String | 8 | Supply a standard DSM IV Diagnosis Code to retrieve the expected identifier. Typical format for this input is "999.99" |

Returns: Integer

| Value | Value Description |
|-------|-------------------------------|
| > 0 | Diagnosis Identifier |
| 0 | Diagnosis Code not recognized |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

GetDiagnosisList

This method returns a list of Diagnosis Codes.

[C#]

```
public List<DiagnosisCodeItem> GetDiagnosisList()
```

[Visual Basic.Net]

```
Public GetDiagnosisList() as List<DiagnosisCodeItem>
```

Returns: List<DiagnosisCodeItem> with Error_Code field (blank default)

| Error_Code | Value Description |
|------------|-----------------------|
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

NOMS Object

InsertNOMSHistory

This method inserts a NOMS History Record into the default or specified Episode of Care.

[C#]
public string InsertNOMS (**string** Internal_ID, **string** Internal_Episode_Code, **NOMS** inputNOMS)

[Visual Basic.Net]
Public InsertNOMS(Internal_ID as **String**, Byval Internal_Episode_Code as **String**, Byval inputNOMS as **NOMS**) as **String**

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|-----------------------|--|-----------|--------|--|
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_Code | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. Leave this field blank to use current episode. |
| inputNOMS | | | | |
| NOMS_Date | Yes | Date | | Date the NOMS history is obtained. (MM/DD/YYYY). |
| Reason_Code | Yes, One Initial and one Discharge per Episode | Integer | | The associated event for the capturing of the NOMS History. 1 = Initial 2 = Reassessment 3 = Discharge |
| Education_Level | Yes | Integer | | 0 = No formal schooling 1 = First Grade 2 = Second Grade 3 = Third Grade 4 = Fourth Grade 5 = Fifth Grade 6 = Sixth Grade 7 = Seventh Grade 8 = Eighth Grade 9 = Ninth Grade 10 = Tenth Grade 11 = Eleventh Grade 12 = High School Graduate 13 = One Yr Of College Completed 14 = 2 Yrs Of College Completed/2 Yr Associate Degree 15 = 3 Yrs Of College Completed 16 = College Graduate/4 Yr 17 = Awarded Graduate Degree 18 = Doctorate Degree 21 = Post-secondary Vocational Skills Training 23 = Nursery School / Preschool 24 = Kindergarten 25 = Self-contained Special Education (no equivalent grade level). |

| | | | | |
|--------------------|---|---------|--|---|
| School_Attendance | Yes | Integer | | Yes or No answer required for children ages 3-17. 1 = Yes, consumer has attended school at any time in the past three months 0 = No, consumer has not attended school at any time in the past three months -3 = Not applicable (use for infants and adults) |
| Employment | Yes | Integer | | 1 = Unemployed, Looking For work 2 = Unemployed, Not In Labor Force (community only) 3 = Employed - Full Time (35+ Hours/week) 4 = Employed - Part Time(1 - 5 hours) 5 = Employed - Part Time(6 - 10 hours) 6 = Employed - Part Time(11 - 15 hours) 7 = Employed - Part Time(16 - 20 hours) 8 = Employed - Part Time(21 - 34 hours) |
| Employment_Detail | Yes | Integer | | -3 = Not Applicable (this is not an option if Employment Status = 2) 1 = Homemaker 2 = Student 3 = Retired 4 = Disabled 5 = Inmate of Institution 6 = Other |
| Roles_Score | Yes, if consumer is less than 18 years old; list as -3 if the consumer is 18 or older. | Integer | | -3 = Not Applicable 1 = Homeless 2 = Independent 3 = Biological Family 4 = School Dormitory 5 = Relative's home/Adopted 6 = Supervised Independent 7 = Foster Care 8 = Therapeutic Foster Care 9 = Individual Home/Group Emergency Shelter 10 = Group Home 11 = Residential Treatment Center 12 = Medical Hospital (non-psychiatric) 13 = Intensive Treatment Unit 14 = State Hospital 15 = Juvenile Detention 16 = Jail/Prison |
| Living_Arrangement | Yes, if the consumer is 18 years old or older; list as -3 if the consumer is younger than 18. | Integer | | -3 = Not Applicable 1 = Homeless 2 = Residential Facility 3 = Independent Living 4 = Jail/Correctional Facility 5 = Supported Living 6 = Person In Foster Care/Foster Home 7 = Inpatient Hospital 8 = State Institution SOF 10 = Other 12 = Crisis Residential and Sub-Acute Stabilization 13 = Nursing Home |

| | | | | |
|-----------------------------|--|---------|--|---|
| | | | | 14 = Shelter Facility |
| Housing_Category | Yes | Integer | | 1 = Permanent Housing 2 = Temporary Housing 3 = Institutional Housing 4 = Homeless |
| Housing_Stability | Yes | Integer | | 1 = Less than 6 months 2 = 6 months to one year 3 = One to two years 4 = More than 2 years |
| Residential_Support_Level | Yes, if Housing Category is 1 or 2; otherwise list as -3 | Integer | | -3 = Not Applicable 1 = Residential Support not needed or not provided 2 = Living with person(s) who provide supportive services in the home that are needed 3 = Access to paid support in the consumer's residence as needed 4 = Access to paid support in the consumer's residence 5 or more days per week for up to 8 hrs 5 = Access to paid support in the consumer's residence 5 or more days per week for 9 to 16 hrs 6 = Access to paid support in the consumer's residence 24 hours a day, 7 days per week. |
| Community_Integration_Level | Yes, if Housing Category is 1 or 2; otherwise list as -3 | Integer | | -3 = Not Applicable 1 = Living environment is fully integrated in the community 2 = Living environment is home to persons with mental health/addiction issues, persons with other disabilities, and persons without identified disabilities. 3 = Living environment is home to persons with mental health/addiction issues only. |
| Homeless_Services | Yes, if Housing Category = 4; otherwise list as -3 | Integer | | -3 = Not Applicable 1 = Daily 2 = Weekly 3 = Monthly 4 = Less frequently 5 = None 6 = Consumer refuses assistance |
| Primary_Substance | Yes, if Agreement Type = 3 (CA) | Integer | | See Section 5 "Not Applicable" and "None" cannot be used for primary substance for Agreement Type CA. |
| Primary_Route | Yes | Integer | | -3 = Not Applicable – This can only be used if Not Applicable (-3) , None (-2) or Not Applicable – Gambling Only (-8) was listed for drug. 1 = Oral 2 = Smoked 3 = Inhaled 4 = Injection 5 = Other |
| Primary_Frequency | Yes | Integer | | -3 = Not Applicable – This can only be used if Not Applicable (-3) , None (-2) or Not Applicable – Gambling Only (-8) was listed for drug. 1 = None in the past month 2 = One - three time in the |

| | | | | |
|----------------------|-----|---------|--|---|
| | | | | past month 3 = One-two times per week 4 = Three - six times per week 5 = Daily |
| Primary_Age | Yes | Integer | | Required field if drug is listed and CA is the Agreement Type. SMI and SED agreement can put Unknown (-1). -3 = Not Applicable – This can only be used if Not Applicable (-3), None (-2) or Not Applicable – Gambling Only (-8) was listed for drug |
| Secondary_Substance | No | Integer | | See Section 5 |
| Secondary_Route | No | Integer | | -3 = Not Applicable – This can only be used if Not Applicable (-3) or None (-2) was listed for drug |
| Secondary_Frequency | No | Integer | | -3 = Not Applicable – This can only be used if Not Applicable (-3) or None (-2) was listed for drug |
| Secondary_Age | No | Integer | | Required field if drug is listed and CA is the Agreement Type. SMI and SED agreement can put Unknown (-1). -3 = Not Applicable – This can only be used if Not Applicable (-3) or None (-2) was listed for drug |
| Tertiary_Substance | No | Integer | | See Section 5 |
| Tertiary_Route | No | Integer | | -3 = Not Applicable – This can only be used if Not |
| Tertiary_Frequency | No | Integer | | -3 = Not Applicable – This can only be used if Not Applicable (-3) or None (-2) was listed for drug |
| Tertiary_Age | No | Integer | | Required field if drug is listed and CA is the Agreement Type. SMI and SED agreement can put Unknown (-1). -3 = Not Applicable – This can only be used if Not Applicable (-3) or None (-2) was listed for drug |
| Criminal_Involvement | Yes | Integer | | Arrests in the last 30 days (Maximum Value is 30) |
| Social_Support | Yes | Integer | | Frequency of Attendance at self-help programs or support groups in the last 30 days (e.g. AA, NA, Depression Support Group, Bipolar Support Group, etc.) -2 = No attendance in the past month 2 = 1-3 times in past month 3 = 4-7 times in past month 4 = 8-15 times in past month 5 = 16-30 times in past month 6 = Some attendance in past month, but frequency unknown |
| Needle_Use | Yes | Integer | | 0 = No, Consumer has not used a needle 1 = Yes, Consumer has used and shared a needle 2 = Yes, Consumer has used a needle |
| Currently_Pregnant | Yes | Integer | | Is the consumer currently pregnant? 0 = No 1 = Yes |
| Supported_Employment | Yes | Integer | | 0 = Not enrolled in or not receiving supported employment services 1 = Supported employment for paid, full-time work (35 hours per week or more with continuing support) |

| | | | | |
|-------------------|-----|---------|--|---|
| | | | | 2 = Supported employment for paid, less than full-time work (21 to 34 hours per week with continuing support) 3 = Supported employment for paid, part-time work (16 to 20 hours per week with continuing support) 5 = Supported employment for paid, part-time work (11 to 15 hours per week with continuing support) 6 = Supported employment for paid, part-time work (6 to 10 hours per week with continuing support) 7 = Supported employment for paid, part-time work (1 to 5 hours per week with continuing support) 8 = Enrolled in supported employment and not yet employed |
| Supported_Housing | Yes | Integer | | Is the consumer receiving supported housing? 0 = No 1 = Yes |

Returns: String

| Value | Value Description |
|-------|--|
| 1 | NOMS History Inserted Successfully |
| 2 | NOMS History Updated Successfully |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -29 | Invalid Episode of Care specified |
| -61 | School Attendance Status is required for children ages 3-17 |
| -62 | Housing Category does not match with Level of Residential Support, Level of Community Integration or Homeless Services |
| -71 | New Data can only be added for 180 days after the Episode End Date |
| -74 | Records can only be updated for 180 days after the submission date to DARMHA |

String representing the validation status of each field based from order position.

| |
|---|
| From left to right: (values 0 = OK, 1 = Error) An error on Education_Level will return: 00001000000000000000000000000000 |
|---|

[GetSubstanceCodes](#)

This method retrieves a list of all of the active Substances and their respective identifiers.

[C#]

```
public List<SubstanceItem> GetSubstanceCodes()
```

[Visual Basic.Net]

```
Public GetSubstanceCodes() as List<SubstanceItem>
```

Returns: **List<SubstanceItem>** with **Error_Code** field (blank default)

| Error_Code | Value Description |
|------------|-----------------------|
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |

UNIVERSAL ERROR CODE LIST

| Code Value | Subject Area | Code Description |
|------------|---------------------|--|
| 1 | General | Operation completed successfully |
| 0 | Consumer | Consumer Record Not Found |
| -1 | General | Invalid Flow |
| -2 | General | SQL exception |
| -3 | General | Authentication Failed |
| -5 | Assessment | No Assessment Found |
| -6 | Assessment | Assessment Date is required |
| -7 | Assessment | Invalid Assessment Date (format) |
| -8 | Assessment | Future Assessment Date is not allowed |
| -9 | Assessment | Duplicate Assessment – Same Internal ID and Assessment Date |
| -10 | Assessment | Answer ID is required |
| -11 | Assessment | Clinician ID is required |
| -12 | Assessment | Clinician ID not found or certification is missing or has expired |
| -13 | Assessment | Invalid Assessment Reason Code. |
| -14 | Assessment | Assessment is empty |
| -15 | Assessment | Assessment Answer Error: An answer does not match with existing assessment |
| -16 | Assessment | Assessment is incomplete: <<Error Question>> answer is missing from core module <<Error Module>> |
| -18 | Assessment | Assessment is incomplete: <<Error Question>> answer is missing from a mandated extension module <<Error Module>> |
| -19 | General | Unexpected error |
| -20 | General | Field(s) with errors |
| -21 | Assessment | Reason Code Error: Incorrect Reason Code Specified |
| -23 | Assessment | System Error: Simple Episode Creation Failed |
| -24 | Assessment | Episode Error: Assessment cannot be attached to an episode closed for more than 180 days |
| -25 | Assessment | Episode Error: Assessment date is not within the boundaries of the episode |
| -27 | Assessment | Episode Error: Invalid Episode specified |
| -28 | Assessment | System Error: Insert Visit failed! Please try again or contact DARMHA Help Desk |
| -29 | Episode | Invalid Episode of Care specified |
| -30 | Episode | Consumer has no Episode of Care defined |
| -31 | Episode | No open episode of care defined by the supplied criteria |
| -32 | Episode | Existing Open Episode of Care Exists, cannot create second open episode without closing first. |
| -33 | Episode | No Episode of Care exists, use Insert instead of Update |
| -34 | Episode | Latest Episode has no Internal Identifier |
| -35 | Episode | Invalid Episode Status Code |
| -36 | Episode | Service Outside Episode of Care Bounds |
| -37 | Episode | Invalid Episode Start Date or Internal Episode Code |
| -38 | Episode | Invalid Episode Close Date |
| -40 | Encounter | No Service Record found related to supplied Internal Service ID |
| -41 | Diagnosis/Agreement | Invalid Diagnosis Axis Value Specified |

| Code Value | Subject Area | Code Description |
|------------|-------------------------------|--|
| -42 | Diagnosis/Agreement | An Agreement Type of CA if required for Opioid Treatment |
| -43 | Diagnosis/Agreement | Invalid Age/Agreement Type Combination |
| -44 | File | Number of fields is invalid for the selected file type. |
| -45 | File | Invalid Episode Data type identifier |
| -46 | Episode | No Prior Episode of Care Defined |
| -47 | Episode | Episode Closed longer 180 days - cannot modify |
| -48 | Episode | Episode Overlap Error: Episode predates existing episode or is defined inside another existing episode. |
| -49 | Episode | Internal Episode ID Exists, cannot insert new episode with duplicate internal episode id |
| -50 | Episode | Invalid Consumer/Provider Combination |
| -51 | Episode | Episode status is already closed |
| -52 | Consumer | At least one race must be selected |
| -53 | Episode | Invalid DSC Status Start Date |
| -54 | Episode | Invalid DSC Status Value |
| -55 | Episode | Reopened episode must remain open for 24 hours |
| -56 | Diagnosis/Agreement | Invalid value in Axis V-GAF or SOGS Field |
| -57 | Consumer | Other single race can only be used when the other race categories do not apply |
| -58 | Assessment | Invalid Assessment Tool for Consumer's Age, 1 |
| -59 | Encounter | Internal Service ID already exists; record skipped |
| -60 | Encounter | Internal Service ID is required |
| -61 | NOMS | School Attendance Status is required for children ages 3-17. |
| -62 | NOMS | Housing Category does not match with Level of Residential Support, Level of Community Integration or Homeless Services |
| -63 | Diagnosis/Agreement | Funding has been requested for this record; it cannot be overwritten |
| -64 | Diagnosis/Agreement | Required data to request funding is missing |
| -65 | Consumer | Based on DOB and Social Security Number, this consumer already exists |
| -66 | Consumer | Cannot update consumer record, DOB does not match assessment tool |
| -67 | Encounter | Encounter record can only be updated or deleted for 180 days after the date of submission to DARMHA |
| -68 | Episode & Diagnosis/Agreement | Agreement Type cannot be changed on the same day as the episode was closed |
| -69 | Diagnosis/Agreement | Diagnosis is not allowed as primary diagnosis |
| -70 | Episode | Episode must be open for at least one day |
| -71 | General | New data can only be added for 180 days after the episode end date |
| -73 | Diagnosis/Agreement | Primary Diagnosis and Agreement Type does not match |
| -74 | General | Records can only be updated for 180 days after the submission date to DARMHA |
| -75 | Diagnosis/Agreement | Special Funding Requested should have an Specialized Treatment of Deaf Services or Opioid Treatment. |
| -76 | Assessment | Valid County ID code required |
| -77 | Assessment | Clinician ID does not exist in DARMHA |
| -78 | Assessment | Certification does not exist in DARMHA |
| -79 | Assessment | Clinician certification is expired |
| -80 | Episode | Medicaid ID is required if Medicaid status is active or Medicaid ID format is invalid |
| -81 | Episode | When Served is "Yes," Veteran, Deported and Combat questions cannot be "Not Applicable." |

| | | |
|-----|---------------------|--|
| -82 | Episode | Cannot create new episode with "Death" termination code in previous record. |
| -83 | NOMS | Duplication of drugs selected for primary, secondary or tertiary substances are not allowed. |
| -84 | Consumer | Provider not eligible for new program. |
| -85 | Consumer | Required data for new program is not complete. |
| -86 | Episode | Duplicate Internal Episode Code exist in consumer. |
| -87 | Diagnosis/Agreement | Duplicate use of Diagnosis Code is not allowed. |
| -88 | Episode | DSC status cannot change at episode closing |
| -89 | Consumer | Suffix does not belong in the last name field |
| -90 | Diagnosis/Agreement | Diagnosis Codes must be submitted in order without blank entries in between |
| -91 | Assessment | Invalid assessment layout for tool |
| -92 | Assessment | Assessment question(s) has multiple Answer IDs |

Schedule 5. Substance Use/Abuse Codes

At least one substance is required if Agreement type is CA; “None” and “Not Applicable” are NOT options for Primary Substance for CA consumers. DMHA encourages providers to report drug information for SMI/SED consumers if it is know.

List from Treatment Episode Data Set (TEDS) Admission Data with National Outcome Measures, February 2010.

-8 = Not Applicable – Gambling Only

-3 = Not Applicable (this option is only allowed for consumers with SED and SMI agreement types.)

-2 = None

2= Alcohol

3 = Cocaine/Crack

4 = Marijuana/Hashish

5 = Heroin

6 = Non-Prescription Methadone

7 = Other Opiates and Synthetics

8 = PCP

9 = Other Hallucinogens

10 = Methamphetamine

11 = Other Amphetamines

12 = Other Stimulants

13 = Benzodiazepines

14 = Other non- Benzodiazepines Tranquilizers

15 = Barbiturates

16 = Other non- Barbiturate Sedatives or Hypnotics

17 = Inhalants

18 = Over-the-Counter

19 = Tobacco

20 = Other