DATA ASSESSMENT REGISTRY
MENTAL HEALTH & ADDICTION

Web Services Specifications Manual
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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.

9/4/2015

- 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.

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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="65536" 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.Write(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	Aggreession_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_Hawaian
Integer	Race_Other
Integer	Suffix_ID
String	Medicaid_ID
String	DOC_ID
Integer	New_Forensic_Program

DiagnosisCodeItem Class

String	Diagnosis_Code
String	Diagnosis_Desc
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_Treament
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 0

InsertConsumer

This method inserts new consumer record in the database.

[C#]

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

[Visual Basic.Net]

```
Public InsertConsuner(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)*

Value	Value Description
0	Record inserted successfully
-1	Invalid flow
-2	SQL exception
-3	Authentication Failed
-20	Consumer field(s) with errors
-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 0

UpdateConsumer

This method updates the existing cosumer 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
-20	Consumer field(s) with errors
-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: 00100100000100000000

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

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: 00100000000000000000000

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_Carve_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 anssessment 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 *If Yes, Medicaid ID in Consumer data is required.*
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 * *Indicates*	Integer		1 = Consumer in treatment 3 = Service Completed*

	an Episode End Date is required.			4 = Consumer Dropped/Opted Out* 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*. No future dates, no date before the Episode Start Date and no date before a previous DMHA Supported Consumer Status Start Date are allowed.*

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. *Values:* 0 = Ok, 1 = Error *From left to right:* Pos1: Internal_Episode_Code Pos2: Service_Date Pos3: Procedure_Code Pos4: Units Pos5: Common_Value Pos6: Level_of_Clinician Pos7: Internal_Service_ID *Example:* An error on Procedure_Code will return: 0010000

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

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 inputEncounter 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
-72	The date of the first Diagnosis & Agreement Type record must be the same as the Episode Start 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) or None (-2) 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) or None (-2) 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) or None (-2) 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 thanfull-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-timework (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	Deferred Diagnosis is not allowed as the 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
-72	Diagnosis/Agreement	The date of the first Diagnosis Agreement Type record must be the same as the Episode Start 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

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.

-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