**DATA ASSESSMENT REGISTRY**
**MENTAL HEALTH & ADDICTION**

# Web Services Specifications Manual
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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.

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:

```
MyClass.ConsumerExits(param1, param2,"",param4,"","","")
```

*The above 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 versus the DataSets which are .Net specific.

## 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.

- AssessmentResults
- Consumer
- DiagnosisList (Output)
- DiagnosisAgreementType
- EBPs
- Encounter
- Substances (Output)
- Episode
- NOMS

## AssessmentResults Class

| | |
|---|---|
| String Array | AlgorithmDesc |
| String Array | OptionDesc |
| String Array | OptionLevel |
| Integer | Count |

## Consumer Class

| | |
|---|---|
| String | InternalID |
| String | LastName |
| String | FirstName |
| String | BirthDate |
| String | Gender |
| String | SSN |
| Integer | Ethnicity |
| String | CSDSID |
| String | ZipCode |
| String | MiddleName |
| String | MomsName |
| Integer | Race_ Native_Am |
| Integer | Race_Asian |
| Integer | Race_Black |
| Integer | Race_White |
| Integer | Race_Hawaiian |
| Integer | Race_Other |
| Integer | Suffix |
| Integer | Error_Code |
| String | Error_Desc |

## DiagnosisList Class (output)

| | |
|---|---|
| string array | DSMIV_Code |
| string array | Description |
| Integer | Count (*number of array elements returned*) |

## DiagnosisAgreementType Class

| | |
|---|---|
| String | DiagnosisDate |
| String | Axis1Diag1 |
| String | Axis1Diag2 |
| String | Axis1Diag3 |
| String | Axis1Diag4 |
| String | Axis1Diag5 |
| String | Axis2Diag1 |
| String | Axis2Diag2 |
| String | Axis3Diag1 |
| String | Axis3Diag2 |
| String | Axis3Diag3 |
| String | Axis4 |
| String | Axis3Nara |

| | |
|---|---|
| String | Axis4Nara |
| Integer | Axis5GAF |
| Integer | LeadCause_Ind |
| Integer | SOGS |
| Integer | AgreementType |
| Integer | SpecializedTreament |
| Integer | AgreementChange |

## EBP Class

| | |
|---|---|
| String | EBPHistory_Date |
| Integer | ACT |
| Integer | SOC |
| Integer | SuppEmploy |
| Integer | IDDT |
| Integer | IMR |
| Integer | SuppHouse |
| Integer | MotInt |
| Integer | CogBeh |
| Integer | MatMod |
| Integer | DBT |

## Encounter Class

| | |
|---|---|
| String | InternalEpisodeID |
| String | InternalServiceID |
| String | Service_Date |
| String | Procedure_Code |
| Integer | Units |
| Integer | CommonValue |
| Integer | LevelOfClinician |

## Substances Class (output)

| | |
|---|---|
| String Array | Substance_Desc |
| String Array | SubstanceID |
| Integer | Count (*number of array elements returned*) |

## Episode Class

| | |
|---|---|
| String | InternalEpisodeID |
| String | Start_Date |
| String | End_Date |
| String | DSC_Start_Dt |
| Integer | Medicaid_Active |
| String | MedicaidID |
| Integer | MaritialStatus |
| Integer | County |
| Integer | FoodStamps |
| Integer | ReferralSource |
| Integer | ReferralLegalBasis |
| Integer | Mil_Served |

| | |
|---|---|
| Integer | Mil_Veteran |
| Integer | Mil_Deployed |
| Integer | Mil_Combat |
| Integer | Mil_Family |
| Integer | DisabilityID |
| Integer | TANFStatus |
| Integer | HealthIns |
| Integer | FamilySize |
| Integer | Income |
| Integer | EpisodeStatus |
| Integer | PriorSAEpisodes |
| Integer | DependentCare |
| Integer | DSC_Status |

## NOMS Class

| | |
|---|---|
| String | NOMS_Date |
| Integer | Reason_Code |
| Integer | Education_lvl |
| Integer | School_atd |
| Integer | Employment |
| Integer | ROLES |
| Integer | LivingArrangement |
| Integer | Housing_cat |
| Integer | Housing_sta |
| Integer | Ressup_lvl |
| Integer | Comint_lvl |
| Integer | Homeless_srv |
| Integer | EmploymentDetail |
| Integer | PrimarySubstance |
| Integer | PrimaryRoute |
| Integer | PrimaryFrequency |
| Integer | PrimaryAge |
| Integer | SecondarySubstance |
| Integer | SecondaryRoute |
| Integer | SecondaryFrequency |
| Integer | SecondaryAge |
| Integer | TertiarySubstance |
| Integer | TertiaryRoute |
| Integer | TertiaryFrequency |
| Integer | TertiaryAge |
| Integer | CriminalInvolvement |
| Integer | SocialSupport |
| Integer | NeedleUse |
| Integer | IsPregnant |

# WEB METHODS

## Consumer Demographic Object

### *ConsumerExist*

***[C#]***

```
public int ConsumerExists(string UserName, string Password, string Internal_ID, int Medicaid_Active, int Medicaid_ID, string CSDS_ID, string Last_Name, string First_Name, string Birth_Date, string Mom_Maiden_Name)
```

***[Visual Basic.Net]***

```
Public ConsumerExists(Byval UserName as String, Byval Password as String, 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, Byval Mom_Maiden_Name as String,  Byval Suffix as Integer) as Integer
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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<br>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" |
| Mom_Maiden_Name | No* | String | 30 | Consumer's Mother's Maiden Name |
| Suffix | Yes | Integer | | Consumer' Name Suffix:<br>-2 = None<br>1 = I (First)<br>2 = II (Second)<br>3 = III (Third)<br>4 = IV (Fourth)<br>5 = V (Fifth)<br>10 = Jr.<br>11 = Sr. |

* 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 |
| -4 | Web Service Secure Connection Failed |

## *ValidateConsumer*

***[C#]***

```
public string ValidateConsumer(string UserName, string Password, string Internal_ID, string Last_Name, string First_Name, string Birth_Date, string Gender, string CSDS_ID, string SSN, int Ethnicity, string Zip_Code, string Middle_Name, string Mom_Maiden_Name, int Race_Native_Am, int Race_Asian, int Race_Black, int Race_White, int Race_Hawaiian, int Race_Other, int  Suffix)
```

***[Visual Basic.Net]***

```
Public ValidateConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String, Byval Gender as String, Byval CSDS_ID as String, Byval SSN as String, Byval Ethnicity as Integer, Byval Zip_Code as String, Byval Middle_Name as String, Byval Mom_Maiden_Name as String, Byval Race_Native_Am as Integer, Byval Race_Asian as Integer, Byval Race_Black as Integer, Byval Race_White as Integer, Byval Race_Hawaiian as Integer, Byval Race_Other as Integer,  Byval Suffix as Integer) as String
```

*This method validates the existence of a consumer record by a given parameters.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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 |
| CSDS_ID | No* | String | 16 | For consumers served in CSDS, please supply this number. |
| SSN | No* | String | 11 | 999-99-9999 |
| Ethnicity | Yes | Integer | | Consumer's Ethnic Status:<br>1 = Puerto Rican<br>2 = Mexican<br>3 = Cuban<br>4 = Other Hispanic/Latino<br>5 = Not Hispanic/Latino<br>6 = Latino Unknown Origin |
| Zip_Code | Yes | String | 10 | 99999 or 9999-99999 (5 or 5 + dash + 4) |
| Middle_Name | Yes | String | 25 | Consumer's Middle Name |

| | | | | |
|---|---|---|---|---|
| Mom_Maiden_Name | No* | String | 30 | Consumer's Mother's Maiden Name |
| Race_Native_Am | Yes | Integer | | 0 = Not Native American; 1 = Native American |
| Race_Asian | Yes | Integer | | 0 = Not Asian; 1 = Asian |
| Race_Black | Yes | Integer | | 0 = Not African American; 1 = African American |
| Race_White | Yes | Integer | | 0 = Not White; 1 = White |
| Race_Hawaiian | Yes | Integer | | 0 = Not Native Hawaiian/Pacific Islander<br>1 = Native Hawaiian/Pacific Islander |
| Race_Other | Yes | Integer | | 0 = Race category was selected<br>1 = Available race categories do not apply |
| Suffix | Yes | Integer | | Consumer' Name Suffix:<br>-2 = None<br>1 = I (First)<br>2 = II (Second)<br>3 = III (Third)<br>4 = IV (Fourth)<br>5 = V (Fifth)<br>10 = Jr.<br>11 = Sr. |

If not provided, must enter "" (empty double quotes)

Returns: string

| Value | Value Description |
|---|---|
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection Failed |
| -57 | Other single race can only be used when the other race categories do not apply |

## *NewValidateConsumer*

***[C#]***

```
public string NewValidateConsumer(string UserName, string Password, Consumer inputConsumer)
```

***[Visual Basic.Net]***

```
Public NewValidateConsumer(Byval UserName as String, Byval Password as String, Byval inputConsumer as Consumer)
as String
```

*This method validates consumer information from a Consumer class reference.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| inputConsumer | Yes | Class | | Please refer to the Consumer Class definition for details on this input class |

Returns: string

| Value | Value Description |
|---|---|
| 00000000000000000 | String representing the validation status of each field.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Internal_ID<br>Pos2: CSDS_ID<br>Pos3: LastName<br>Pos4: FirstName<br>Pos5: Gender<br>Pos6: BirthDate<br>Pos7: SSN<br>Pos8: Ethnicity<br>Pos9: Zip_Code<br>Pos10: Middle_Name<br>Pos11: Mom_Maiden_Name<br>Pos12: Race_Native_Am<br>Pos13: Race_Asian<br>Pos14: Race_Black<br>Pos15: Race_White<br>Pos16: Race_ Hawaiian<br>Pos17: Race_Other<br>Pos18: Suffix<br><br>*Example:*<br>An error on LastName, Gender and Race_Asian will return:<br>00101000000010000 |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection Failed |
| -57 | Other single race can only be used when the other race categories do not apply |

## *ConsumerInsert*

***[C#]***

public int ConsumerInsert(string UserName, string Password, string Internal_ID, string Last_Name, string First_Name, string Birth_Date, string Gender, string CSDS_ID, string SSN, int Ethnicity, string Zip_Code, string Middle_Name, string Mom_Maiden_Name, int Race_Native_Am, int Race_Asian, int Race_Black, int Race_White, int Race_Hawaiian, int Race_Other, int Suffix)

***[Visual Basic.Net]***

Public ConsumerInsert(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String, Byval Gender as String, Byval CSDS_ID as String, Byval SSN as String, Byval Ethnicity as Integer, Byval Zip_Code as String , Byval Middle_Name as String, Byval Mom_Maiden_Name as String , Byval Race_Native_Am as Integer, Byval Race_Asian as Integer, Byval Race_Black as Integer, Byval Race_White as Integer, Byval Race_Hawaiian as Integer, Byval Race_Other as Integer, Byval Suffix as Integer) as Integer

*This method inserts new consumer record in the database. It must return a zero (0) value to flag inserted successfully.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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 |
| CSDS_ID | No* | String | 16 | For consumers also served in CSDS, please supply this number. |
| SSN | No* | String | 11 | 999-99-9999 |
| Ethnicity | Yes | Integer | | Consumer's Ethnic Status:<br>1 = Puerto Rican<br>2 = Mexican<br>3 = Cuban<br>4 = Other Hispanic/Latino<br>5 = Not Hispanic/Latino<br>6 = Latino Unknown Origin |
| Zip_Code | Yes | String | 10 | 99999 or 99999-9999 (5 or 5 + dash + 4) |
| Middle_Name | No* | String | 25 | Consumer's Middle Name |
| Mom_Maiden_Name | No* | String | 30 | Consumer's Mother's Maiden Name |
| Race_Native_Am | Yes | Integer | | 0 = Not Native American; 1 = Native American |
| Race_Asian | Yes | Integer | | 0 = Not Asian; 1 = Asian |
| Race_Black | Yes | Integer | | 0 = Not African American<br>1 = African American |
| Race_White | Yes | Integer | | 0 = Not White; 1 = White |
| Race_Hawaiian | Yes | Integer | | 0 = Not Native Hawaiian/Pacific Islander<br>1 = Native Hawaiian/Pacific Islander |
| Race_Other | Yes | Integer | | 0 = Race category was selected<br>1 = Available race categories do not apply |

| | | | | |
|---|---|---|---|---|
| Suffix | Yes | Integer | | Consumer' Name Suffix:<br>-2 = None<br>1 = I (First)<br>2 = II (Second)<br>3 = III (Third)<br>4 = IV (Fourth)<br>5 = V (Fifth)<br>10 = Jr.<br>11 = Sr. |

* If not provided, must enter "" (empty double quotes)

Returns: Integer

| Value | Value Description |
|---|---|
| >0 | DARMHA ID (Consumer record already exist) |
| 0 | Record inserted successfully |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection 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 |

## *NewConsumerInsert*

***[C#]***

```
public int NewConsumerInsert(string UserName, string Password, Consumer inputConsumer)
```

***[Visual Basic.Net]***

```
Public NewConsumerInsert(Byval UserName as String, Byval Password as String, Byval inputConsumer as Consumer) as Integer
```

*This method inserts a new consumer information from a Cosumer class reference.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| inputConsumer | Yes | Class | | Please refer to the Consumer Class definition for details on this input class |

Returns: Integer

| Value | Value Description |
|---|---|
| 00000000000000000 | String representing the validation status of each field. |

| | |
|---|---|
| | *Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Internal_ID<br>Pos2: CSDS_ID<br>Pos3: LastName<br>Pos4: FirstName<br>Pos5: Gender<br>Pos6: BirthDate<br>Pos7: SSN<br>Pos8: Ethnicity<br>Pos9: Zip_Code<br>Pos10: Middle_Name<br>Pos11: Mom_Maiden_Name<br>Pos12: Race_Native_Am<br>Pos13: Race_Asian<br>Pos14: Race_Black<br>Pos15: Race_White<br>Pos16: Race_ Hawaiian<br>Pos17: Race_Other<br>Pos18: Suffix<br><br>*Example:*<br>An error on LastName, Gender and Race_Asian will return:<br>00101000000010000 |
| >0 | DARMHA ID (Consumer record already exist) |
| 0 | Record inserted successfully |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection 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 |

## *ConsumerUpdate*

***[C#]***

public int ConsumerUpdate(string UserName, string Password, string Internal_ID, string Last_Name, string First_Name, string Birth_Date, string Gender, string CSDS_ID, string SSN, int Ethnicity, string Zip_Code, string Middle_Name, string Mom_Maiden_Name, int Race_Native_Am, int Race_Asian, int Race_Black, int Race_White, int Race_Hawaiian, int Race_Other, int Suffix)

***[Visual Basic.Net]***

public ConsumerUpdate(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Last_Name as String, Byval First_Name as String, Byval Birth_Date as String, Byval Gender as String, Byval CSDS_ID as String, Byval SSN as String, Byval Ethnicity as Integer, Byval Zip_Code as String, Byval Middle_Name as String, Byval Mom_Maiden_Name as String, Byval Race_Native_Am as Integer, Byval Race_Asian as Integer, Byval Race_Black as Integer, Byval Race_White as Integer, Byval Race_Hawaiian as Integer, Byval Race_Other as Integer, Byval Suffix as Integer) as Integer

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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<br>F = Female |
| CSDS_ID | No* | String | 16 | For consumers also served in CSDS, please supply this number. |
| SSN | No* | String | 11 | 999-99-9999 |
| Ethnicity | Yes | Integer | | Consumer's Ethnic Status:<br>1 = Puerto Rican<br>2 = Mexican<br>3 = Cuban<br>4 = Other Hispanic/Latino<br>5 = Not Hispanic/Latino<br>6 = Latino Unknown Origin |
| Zip_Code | Yes | String | 10 | 99999 or 99999-9999 (5 or 5 + dash + 4) |
| Middle_Name | No* | String | 25 | Consumer's Middle Name |
| Mom_Maiden_Name | No* | String | 30 | Consumer's Mother's Maiden Name |
| Race_Native_Am | Yes | Integer | | 0 = Not Native American<br>1 = Native American |
| Race_Asian | Yes | Integer | | 0 = Not Asian<br>1 = Asian |
| Race_Black | Yes | Integer | | 0 = Not African American<br>1 = African American |
| Race_White | Yes | Integer | | 0 = Not White<br>1 = White |

| | | | | |
|---|---|---|---|---|
| Race_Hawaiian | Yes | Integer | | 0 = Not Native Hawaiian/Pacific Islander<br>1 = Native Hawaiian/Pacific Islander |
| Race_Other | Yes | Integer | | 0 = Race category was selected<br>1 = Available race categories do not apply |
| Suffix | Yes | Integer | | Consumer' Name Suffix:<br>-2 = None<br>1 = I (First)<br>2 = II (Second)<br>3 = III (Third)<br>4 = IV (Fourth)<br>5 = V (Fifth)<br>10 = Jr.<br>11 = Sr. |

* If not provided, must enter "" (empty double quotes)

Returns: Integer

| Value | Value Description |
|---|---|
| >0 | Number of rows updated |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection 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. |

## *NewConsumerUpdate*

***[C#]***

```
public int NewConsumerUpdate(string UserName, string Password, Consumer inputConsumer)
```

***[Visual Basic.Net]***

```
public NewConsumerUpdate(Byval UserName as String, Byval Password as String, Byval inputConsumer as Consumer) as Integer
```

*This method updates consumer information from a Consumer class reference.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| inputConsumer | Yes | Class | | Please refer to the Consumer Class definition for details on this input class |

Returns: Integer

| Value | Value Description |
|---|---|
| 000000000000000000 | String representing the validation status of each field.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Internal_ID<br>Pos2: CSDS_ID<br>Pos3: LastName<br>Pos4: FirstName<br>Pos5: Gender<br>Pos6: BirthDate<br>Pos7: SSN<br>Pos8: Ethnicity<br>Pos9: Zip_Code<br>Pos10: Middle_Name<br>Pos11: Mom_Maiden_Name<br>Pos12: Race_Native_Am<br>Pos13: Race_Asian<br>Pos14: Race_Black<br>Pos15: Race_White<br>Pos16: Race_ Hawaiian<br>Pos17: Race_Other<br>Pos18:Suffix<br><br>*Example:*<br>An error on LastName, Gender and Race_Asian will return:<br>00101000000010000 |

Returns: Integer

| Value | Value Description |
|---|---|
| >0 | Number of rows updated |
| 0 | Consumer record not found |
| -1 | Invalid flow |
| -2 | SQL exception |
| -3 | Authentication Failed |
| -4 | Web Service Secure Connection 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. |

## *ConsumerLastAssessed*

***[C#]***

```
public string ConsumerLastAssesed(string UserName, string Password, string Internal_ID)
```

***[Visual Basic.Net]***

```
Public String ConsumerLastAssesed(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String
```

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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 |
| -4 | Web Service Secure Connection Failed |
| -5 | No Assessment Found |

## *GetConsumer*

***[C#]***

```
public DataSet GetConsumer(string UserName, string Password, string Internal_ID)
```

***[Visual Basic.Net]***

```
Public GetConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as DataSet
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |

Returns: DataSet

| **Value** | **Value Description** |
|---|---|
| .Columns[0] = 0 | Consumer Record not found |
| .Columns[0] = -1 | Invalid flow |
| .Columns[0] = -2 | SQL exception |
| .Columns[0] = -3 | Authentication Failed |
| .Columns[0] = -4 | Web Service Secure Connection Failed |

## *NewGetConsumer*

***[C#]***

```
public Consumer NewGetConsumer(string UserName, string Password, string Internal_ID)
```

***[Visual Basic.Net]***

```
Public NewGetConsumer(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as Consumer
```

*This method retrieves a consumer information into a Consumer class object.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | This is the provider's internal client identifier used at the provider's practice in their internal systems. |

Please refer to the Consumer Class structure for field layout.

Returns: Class Consumer

| Value | Value Description |
|---|---|
| Error_Code = 1 | Consumer Found |
| Error_Code = 0 | Consumer Not Found |
| Error_Code = -1 | Invalid Flow |
| Error_Code = -2 | SQL exception |
| Error_Code = -3 | Authentication Failed |
| Error_Code = -4 | Web Service Secure Connection Failed |

# Assessment Object

## *ValidateAssessment*

***[C#]***

```
public string ValidateAssessment(string UserName, string Password, string Internal_ID, string Assessment_Date, string Clinician_ID, int Assessment_Reason_Code, int[] Answer_ID)
```

***[Visual Basic.Net]***

```
Public ValidateAssessment(Byval UserName as String, Byval Password as String, 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
```

*This method validates an existing Consumer Assessment record.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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<br>2 = Reassessment<br>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 |
| -4 | Web Service Secure Connection 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 |

## *ProcessAssessment*

***[C#]***

```
public string ProcessAssessment(string UserName, string Password,string Internal_ID, string Internal_Episode_ID, string Internal_Assessment_ID, string Assessment_Date, string Clinician_ID, int assessment_Reason_Code, int[] Answer_ID)
```

***[Visual Basic.Net]***

```
Public ProcessAssessment(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Assessment_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
```

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Internal_Assessment_ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |
| 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<br>2 = Reassessment<br>3 = Transition/Discharge |
| 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 |
| -4 | Web Service Secure Connection 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 |
| -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 |

## *GetAssessmentResults*

***[C#]***

```
public DataSet GetAssessmentResults(string UserName, string Password, string Internal_ID, string Clinician_ID, string Assessment_Date, string Internal_Assessment_ID)
```

***[Visual Basic.Net]***

```
Public GetAssessmentResults(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Clinician_ID as String, Byval Assessment_Date as String, Byval Internal_Assessment_ID as String) as DataSet
```

*This method retrieves a dataset containing the assessment results.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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" |
| Internal Assessment ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |

Returns: DataSet

| **Value** | **Value Description** |
|---|---|
| DataSet.Tables[0] | .Columns[0] = Visit_ID<br>.Columns[1] = Algorithm_Desc<br>.Columns[2] = Option_Desc_Short<br>.Columns[3] = Option_Level<br>.Columns[4] = Option_Desc_Long |
| .Columns[0] = 0 | Consumer record not found |
| .Columns[0] = -1 | Invalid flow |
| .Columns[0] = -2 | SQL exception |
| .Columns[0] = -3 | Authentication Failed |
| .Columns[0] = -4 | Web Service Secure Connection Failed |
| .Columns[0] = -6 | Assessment Date is required |
| .Columns[0] = -7 | Invalid Assessment Date (format) |
| .Columns[0] = -8 | Future Assessment Date is not allowed |
| .Columns[0] = -9 | Duplicate Assessment – Same Internal_ID and Assessment_Date |
| .Columns[0] = -10 | Answer_ID is required |
| .Columns[0] = -11 | Clinician_ID is required |
| .Columns[0] = -12 | Clinician_ID not found or certification is missing or has expired |

## *NewGetAssessmentResults*

***[C#]***

```
public AssessmentResults NewGetAssessmentResults(string UserName, string Password, string Internal_ID, string Clinician_ID, string Assessment_Date, string Internal_Assessment_ID)
```

***[Visual Basic.Net]***

```
Public NewGetAssessmentResults(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Clinician_ID as String, Byval Assessment_Date as String, Byval Internal_Assessment_ID as String) as AssessmentResults
```

*This method retrieves a Consumer Assement record into the AssementResult class object.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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 date should be: "MM/DD/YYYY" |
| Internal Assessment ID | No | String | 25 | This is the provider's internally assigned Assessment identifier. |

Returns: Class AssessmentResults

| **Value** | **Value Description** |
|---|---|
| Count > 0 | Assessment Results Returned |
| Count = 0 | Consumer Not Found |
| Count = -1 | Invalid Flow |
| Count = -2 | SQL exception |
| Count = -3 | Authentication Failed |
| Count = -4 | Web Service Secure Connection Failed |

## *RetrieveAssessmentTool(Primary Flow)*

***[C#]***

```
public DataSet RetrieveAssessmentTool(string UserName, string Password, int Tool_ID)
```

***[Visual Basic.Net]***

```
Public RetrieveAssessmentTool(Byval UserName as String, Byval Password as String, Byval Tool_ID as Integer) as DataSet
```

*This method returns a dataset containing the Assessment Tools records.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Tool_ID | Yes | Integer | | This identifies which assessment tool definition to retrieve. |

Returns: DataSet

| **Value** | **Value Description** |
|---|---|
| DataSet.Tables[0] | .Columns[0] = Module_Name<br>.Columns[1] = Module_ID<br>.Columns[2] = Question_Text<br>.Columns[3] = Question_ID<br>.Columns[4] = Question_Order<br>.Columns[5] = Answer_ID<br>.Columns[6] = Answer_Desc<br>.Columns[7] = Answer_Value<br>.Columns[8] = Question_Clarification |
| .Columns[0] = 0 | Tool record not found |
| .Columns[0] = -1 | Invalid flow |
| .Columns[0] = -2 | SQL exception |
| .Columns[0] = -3 | Authentication Failed |
| .Columns[0] = -4 | Web Service Secure Connection Failed |

## *GetClinicianCertification*

***[C#]***

```
public DataSet GetClinicianCertification(string UserName, string Password, string InternalStaffID)
```

***[Visual Basic.Net]***

```
Public GetClinicianCertification(Byval UserName as String, Byval Password as String , Byval
InternalStaffID as String) as DataSet
```

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

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 10 | Web Service User Name |
| Password | Yes | String | 20 | Web Service Password |
| Internal Staff ID | Yes | String | 25 | Clinician's Internal Staff ID |

Returns: DataSet

| **Value** | **Value Description** |
|---|---|
| DataSet.Tables[0] | .Columns[0] = Certification Type [1-CANS 2-ANSA 3-CANS SuperUser 4-ANSA SuperUser]<br>.Columns[1] = Effective Start Date<br>.Columns[2] = Expiration Date |
| .Columns[0] = -1 | Invalid flow |
| .Columns[0] = -2 | SQL exception |
| .Columns[0] = -3 | Authentication Failed |
| .Columns[0] = -4 | Web Service Secure Connection Failed |

# Episode Object

## *GetLatestEpisode*

***[C#]***
public string GetLatestEpisode(string UserName, string Password, string Internal_ID)

***[Visual Basic.Net]***
Public GetLatestEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | 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 |
| = -4 | Web Service Secure Connection Failed |
| = -30 | Consumer has no Episode of Care defined |
| = -31 | Latest Episode has no Internal Identifier |

## *GetPriorEpisode*

***[C#]***
public string GetPriorEpisode(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Episode_Start_Date)

***[Visual Basic.Net]***
Public string GetPriorEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Episode_Start_Date as String) as String

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_ID | 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_ID | 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 |
| = -4 | Web Service Secure Connection 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*

***[C#]***

```
public string GetEpisodeStatus(string UserName, string Password, string Internal_ID)
```

***[Visual Basic.Net]***

```
Public GetEpisodeStatus(Byval UserName as String, Byval Password as String, Byval Internal_ID as String) as String
```

*This method returns current episode status : "1" if the episode is open and Episode End Date if it is closed.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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 |
| = -4 | Web Service Secure Connection Failed |
| = -30 | Consumer has no Episode of Care defined |

## *CloseEpisode*

***[C#]***

```
public string GetPriorEpisode(string UserName, string Password, string Internal_ID, string Episode_End_Date, int Episode_Status_Code)
```

***[Visual Basic.Net]***

```
Public GetPriorEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Episode_End_Date as String, Byval Episode_Status_Code as Integer) as String
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| 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 |
| = -4 | Web Service Secure Connection 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 |

## *InsertEpisode*

***[C#]***

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

***[Visual Basic.Net]***

```
Public InsertEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval inputEpisode as Episode ) as String
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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 refer to the Episode Class definition for details on this input class. |

**Refer to the Import/Export Process document for possible values.*

Returns: String

| **Value** | **Value Description** |
|---|---|
| = 1 | Episode Inserted Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection 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." |
| Items Specific Error | String representing the validation status of each field.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Internal_Episode_ID<br>Pos2: Episode_Start_Date<br>Pos3: Episode_End_Date<br>Pos4: DSC_Start_Dt<br>Pos5: Medicaid_Active<br>Pos6: Medicaid_ID<br>Pos7: Maritial_Status |

| | |
|---|---|
| | Pos8: County_Of_Residence<br>Pos9: Food_Stamps<br>Pos10: Source_Of_Referral<br>Pos11: Legal_Basis_For_Referral<br>Pos12: Mil_Served<br>Pos13: Mil_Veteran<br>Pos14: Mil_Deployed<br>Pos15: Mil_Combat<br>Pos16: Mil_Family<br>Pos17: Counsumer_Disability_ID<br>Pos18: Consumer_TANF_Status<br>Pos19: Consumer_Health_Insurance<br>Pos20: Family_Size<br>Pos21: Adjusted_Family_Income<br>Pos22: Episode_Status<br>Pos23: Prior_SA_Episodes<br>Pos24: Dependent_Care<br>Pos25: DSC_Status<br><br>*Example:*<br>An error on Medicaid_ID, County_Of_Residence will return:<br>0000001010000000000000000 |

## *UpdateEpisode*

***[C#]***

Public InsertEpisode(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval inputEpisode as Episode) as String

***[Visual Basic.Net]***

public string InsertEpisode(string UserName, string Password, string Internal_ID, Episode inputEpisode)

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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 refer to the Episode Class definition for details on this input class. |

**Refer to the Import/Export Process document for possible values.*

Returns: String

| Value | Value Description |
|---|---|
| =1 | Episode Updated Successfully |
| =0 | Consumer record not found |
| =-1 | Invalid flow |
| =-2 | SQL exception |
| =-3 | Authentication Failed |
| =-4 | Web Service Secure Connection 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.” |
| Items Specific Error | String representing the validation status of each field.<br><br>*Values: (*0 = Ok, 1 = Error)<br><br>*From left to right:*<br>Pos1: Internal_Episode_ID<br>Pos2: Episode_Start_Date<br>Pos3: Episode_End_Date<br>Pos4: DSC_Start_Dt<br>Pos5: Medicaid_Active<br>Pos6: Medicaid_ID<br>Pos7: Maritial_Status<br>Pos8: County_Of_Residence<br>Pos9: Food_Stamps<br>Pos10: Source_Of_Referral<br>Pos11: Legal_Basis_For_Referral<br>Pos12: Mil_Served<br>Pos13: Mil_Veteran<br>Pos14: Mil_Deployed<br>Pos15: Mil_Combat<br>Pos16: Mil_Family<br>Pos17: Counsumer_Disability_ID<br>Pos18: Consumer_TANF_Status<br>Pos19: Consumer_Health_Insurance<br>Pos20: Family_Size<br>Pos21: Adjusted_Family_Income<br>Pos22: Episode_Status<br>Pos23: Prior_SA_Episodes<br>Pos24: Dependent_Care<br>Pos25: DSC_Status<br><br>*Example:*<br>An error on Medicaid_ID, County_Of_Residence will return:<br>0000001010000000000000000 |

## Encounter Object

### *InsertEncounter*

***[C#]***

```
public string InsertEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID, string Service_Date, string Procedure_Code, int Units, int Common_Value, int Level_of_Clinician)
```

***[Visual Basic.Net]***

```
Public InsertEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String, Byval Service_Date as String, Byval Procedure_Code as String, Byval Units as Integer, Byval Common_Value as int, Byval Level_of_Clinician as Integer) as String
```

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer |
| Internal_Service_ID | Yes | String | 20 | The provider's internally supplied identifier for this specific service rendered. This is for the provider's reference only. |
| 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. |
| Common_Value | Yes | Integer | | The default MRO value will be used if no value is supplied |
| Level_Of_Clinician | Yes | Integer | | * |

**Refer to the Import/Export Process document for possible values.*

Returns: String

| Value | Value Description |
|---|---|
| = 1 | Encounter Inserted Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection 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.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4: Service_Date<br>Pos5: Procedure_Code<br>Pos6: Units<br>Pos7: Common_Value<br>Pos8: Level_of_Clinician<br>Pos9: Internal_Service_ID<br><br>*Example:*<br>An error on Procedure_Code will return:<br>000010000 |

## *NewInsertEncounter*

***[C#]***

```
public string NewInsertEncounter(string UserName, string Password, string Internal_ID, Encounter service)
```

***[Visual Basic.Net]***

```
Public NewInsertEncounter(string Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval service as Encounter) as String
```

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Service | Yes | Class | | Please refer to the Encounter Class description for field layout. |

Returns: String

| Value | Value Description |
|---|---|
| = 1 | Encounter Inserted Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection Failed |
| = -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 |
| Items Specific Error | String representing the validation status of each field.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4 Service_Date<br>Pos5: Procedure_Code<br>Pos6: Units<br>Pos7: Common_Value<br>Pos8: Level_of_Clinician<br>Pos9: Internal_Service_ID<br><br>*Example:*<br>An error on Procedure_Code will return:<br>000010000 |

## *UpdateEncounter*

***[C#]***

```
public string UpdateEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID, string Service_Date, string Procedure_Code, int Units, int Common_Value, int Level_of_Clinician)
```

***[Visual Basic.Net]***

```
Public UpdateEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String, Byval Service_Date as String, Byval Procedure_Code as String, Byval Units as Integer, Byval Common_Value as int, Byval Level_of_Clinician as Integer) as string
```

*This method updates an existing Consumer Encounter/service record to the database.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Internal_Episode_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| Internal_Service_ID | Yes | String | 20 | The provider's internally supplied identifier for this specific service rendered. |
| 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. |
| Common_Value | Yes | Integer | | The default MRO value will be used if no value is supplied. |
| Level_Of_Clinician | Yes | Integer | | * |

**Refer to the Import/Export Process document for possible values.*

Returns: String

| Value | Value Description |
|---|---|
| = 1 | Encounter Updated Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection Failed |
| = -20 | Field(s) with Error |
| = -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 |

## *NewUpdateEncounter*

***[C#]***

```
public string NewUpdateEncounter(string UserName, string Password, string Internal_ID, Encounter service)
```

***[Visual Basic.Net]***

```
Public NewUpdateEncounter(Byval UserName as String,  Byval Password as String, Byval Internal_ID as String, Byval
Service as Encounter) as String
```

*This method updates an existing Consumer Encounter record from an Encounter class reference.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Internal_ID | Yes | String | 20 | The provider's internal client identifier used at the provider's practice in their internal systems. |
| Service | Yes | Class | | Please refer to the Encounter Class description for field layout. |

Returns: String

| Value | Value Description |
|---|---|
| = 1 | Encounter Updated Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection 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 |
| Items Specific Error | String representing the validation status of each field.<br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4 Service_Date<br>Pos5: Procedure_Code<br>Pos6: Units<br>Pos7: Common_Value<br>Pos8: Level_of_Clinician<br>Pos9: Internal_Service_ID<br>*Example:*<br>An error on Procedure_Code will return:<br>000010000 |

## *DeleteEncounter*

*This method removes an existing Consumer Encounter record from the database.*

***[C#]***

```
public string DeleteEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID)
```

***[Visual Basic.Net]***

```
Public DeleteEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String) as String
```

*This method removes a consumer Encounter/Service record.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | 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 |
| = -4 | Web Service Secure Connection 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*

***[C#]***

```
public Encounter GetEncounter(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string Internal_Service_ID)
```

***[Visual Basic.Net]***

```
Public GetEncounter(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval Internal_Service_ID as String) as Encounter
```

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | 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: Class Encounter

| Value | Value Description |
|---|---|
| InternalServiceID > "0" | Please Refer to the Encounter Class description for field layout. |
| = "0" | Service record not found |
| = "-1" | Invalid flow |
| = "-2" | SQL exception |
| = "-3" | Authentication Failed |
| = "-4" | Web Service Secure Connection Failed |

## Evidence Based Practice Object

### *InsertEBPHistory*

***[C#]***

```
public string InsertEBPHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, string EBP_History_Date, int ACT, int SOC, int Employment, int IDDT, int IMR, int Housing, int MonInt, int CogBeh, int MatMod, int DBT)
```

***[Visual Basic.Net]***

```
Public InsertEBPHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval EBP_History_Date as String, Byval ACT as Integer, Byval SOC as Integer, Byval Employment as Integer, Byval IDDT as Integer, Byval IMR as Integer, Byval Housing as Integer, Byval MonInt as Integer, Byval CogBeh as Integer, Byval MatMod as Integer, Byval DBT as Integer) as String
```

*This method inserts an EBP History Record into the default or specified Episode of Care.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| EBP_History_Date | Yes | Date | 10 | Date the EBP facts take affect Required format: "MM/DD/YYYY" |
| ACT | Yes | Integer | | 0 = No, 1 = Yes |
| SOC | Yes | Integer | | 0 = No, 1 = Yes |
| Employment | Yes | Integer | | 0 = No, 1 = Yes |
| IDDT | Yes | Integer | | 0 = No<br>1 = Yes, with fidelity to the model (As defined by the SAMHSA Toolkit Project)<br>2 = Yes, without fidelity to the model |
| IMR | Yes | Integer | | 0 = No<br>1 = Yes, with fidelity to the model (As defined by the SAMHSA Toolkit Project)<br>2 = Yes, without fidelity to the model |
| Housing | Yes | Integer | | 0 = No, 1 = Yes |
| MotInt | Yes | Integer | | 0 = No, 1 = Yes |
| CogBeh | Yes | Integer | | 0 = No, 1 = Yes |
| MatMod | Yes | Integer | | 0 = No, 1 = Yes |
| DBT | Yes | Integer | | 0 = No, 1 = Yes |

**Refer to the Import/Export Process document for possible values.*

Returns: String

| Value | Value Description |
|---|---|
| = 1 | EBP History Inserted Successfully |
| = 2 | EBP History Updated Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |

| | |
|---|---|
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection Failed |
| = -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| =-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.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4: EBP_History_Date<br>Pos5: ACT<br>Pos6: SOC<br>Pos7: Employment<br>Pos8: IDDT<br>Pos9: IMR<br>Pos10: Housing<br>Pos11:MotInt<br>Pos12:CogBeh<br>Pos13:MatMod<br>Pos14:DBT<br><br>*Example:*<br>An error on ACT_Ind will return:<br>00001000000000 |

## *NewInsertEBPHistory*

***[C#]***

```
public string NewInsertEBPHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, EBPs inputEBP)
```

***[Visual Basic.Net]***

```
Public NewInsertEBPHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputEBP as EBPs) as String
```

*This method inserts an EBP History Record  into the default or specified Episode of Care.*

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| inputEBP | Yes | Class | | Please Refer to the EBP Class Definition for field layout. |

Returns: String

| **Value** | **Value Description** |
|---|---|
| = 1 | EBP History Inserted Successfully |
| = 2 | EBP History Updated Successfully |
| = 0 | Consumer record not found |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection Failed |
| = -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| = -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.<br><br>*Values:*<br>0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4: EBP_History_Date<br>Pos5: ACT<br>Pos6: SOC |

| | |
|---|---|
| | Pos7: Employment<br>Pos8: IDDT<br>Pos9: IMR<br>Pos10: Housing<br>Pos11:MotInt<br>Pos12:CogBeh<br>Pos13:MatMod<br>Pos14:DBT<br><br>*Example:*<br>An error on ACT_Ind will return:<br>00001000000000 |

## Diagnosis & Agreement Type Object

*InsertDiagnosisAgreementType*

***[C#]***

```
public string InsertDiagnosisAgreementType(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, DiagnosisAgreementType inputDiagnosisAgreementType)
```

***[Visual Basic.Net]***

```
Public InsertDiagnosisAgreementType(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputDiagnosisAgreementType as DiagnosisAgreementType) as String
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| inputDiagnosisAgreementType | Yes | Class | | Please refer to the Diagnosis Class Definition for field layout. (Note: If no GAF or SOGS score, supply -2 (None). |

**Refer to the Import/Export Process document for possible values.*

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 |
| = -4 | Web Service Secure Connection 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 |
| =-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 |
| Items Specific Error | String representing the validation status of each field.<br><br>*Values:* |

| | |
|---|---|
| | 0 = Ok<br>1 = Error<br><br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID<br>Pos3: Internal_Episode_ID<br>Pos4: Diagnosis_Date<br>Pos5: Axis1Diag1<br>Pos6: Axis1Diag2<br>Pos7: Axis1Diag3<br>Pos8: Axis1Diag4<br>Pos9: Axis1Diag5<br>Pos10: Axis2Diag1<br>Pos11: Axis2Diag2<br>Pos12: Axis3Diag1<br>Pos13: Axis3Diag2<br>Pos14: Axis3Diag3<br>Pos15: Axis3Nara<br>Pos16: Axis4Diag<br>Pos17: Axis4Nara<br>Pos18: Axis5GAF<br>Pos19: Leading_Cause_Ind<br>Pos20: SOGS<br>Pos21:AgreementType<br>Pos22:SpecializedTreatment<br>Pos23:AgreementChange |

## *ValidateDiagnosisCode*

***[C#]***

```
public int ValidateDiagnosisCode(string UserName, string Password, string Diagnosis_Code)
```

***[Visual Basic.Net]***

```
Public ValidateDiagnosisCode(Byval UserName as String, Byval Password as String, Byval Diagnosis_Code as String) as Integer
```

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Diagnosis_Code | Yes | String | 6 | Supply a standard DSM IV Diagnosis Code to retrieve the expected identifier. Typical format for this input is “999.99” |

Returns: String

| Value | Value Description |
|---|---|
| > 0 | Diagnosis Identifier |
| = 0 | Diagnosis Code not recognized |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed/Provider-User combination not found |
| = -4 | Web Service Secure Connection Failed |

## *RetrieveDiagnosisAxisList*

***[C#]***

```
public DiagnosisList RetrieveDiagnosisAxisList(string UserName, string Password, int Diagnosis_Axis)
```

***[Visual Basic.Net]***

```
Public RetrieveDiagnosisAxisList(Byval UserName as String, Byval Password as String, Byval Diagnosis_Axis as Integer) as
DiagnosisList
```

*This method returns a list of Diagnosis Codes within the system based upon the Axis requested.*

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| Diagnosis_Axis | Yes | Integer | | Supply a value 1 – 4 to retrieve a listing of the Diagnosis Codes and their respective IDs. |

Returns: Class DiagnosisList

| Value | Value Description |
|---|---|
| Count > 0 | Diagnosis List returned, please refer to the DiagnosisList Class Definition for field layout |
| Count = -41 | Diagnosis Axis Invalid |
| Count = -1 | Invalid flow |
| Count = -2 | SQL exception |
| Count = -3 | Authentication Failed |
| Count = -4 | Web Service Secure Connection Failed |

## NOMS Object

### *InsertNOMSHistory*

***[C#]***

public string InsertNOMSHistory(string UserName, string Password, string Internal_ID, string Internal_Episode_ID, NOMS_Record inputNoms)

***[Visual Basic.Net]***

Public InsertNOMSHistory(Byval UserName as String, Byval Password as String, Byval Internal_ID as String, Byval Internal_Episode_ID as String, Byval inputNoms as NOMS_Record) as String

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

Input Parameters

| **Field Name** | **Required** | **Data Type** | **Length** | **Comments/Description** |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |
| 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_ID | Yes | String | 25 | The provider's internal episode identifier for the episode of care for the specified consumer. |
| inputNOMS | Yes | Class | | Please refer to the NOMS_Record Class Definition for field layout. |

**Refer to the Import/Export Process document for possible values.*

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 |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection Failed |
| = -31 | Invalid Episode of Care specified or no Default Open Episode of Care available |
| = -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 |
| Items Specific Error | String representing the validation status of each field.<br>*Values:*<br>0 = Ok<br>1 = Error<br>*From left to right:*<br>Pos1: Record Identifier<br>Pos2: Internal_ID |

| | |
|---|---|
| | Pos3: Internal_Episode_ID<br>Pos4: NOMS_Date<br>Pos5: NOMS_Reason_Code<br>Pos6: Education_lvl<br>Pos7: School_atd<br>Pos8: Employment<br>Pos9: ROLES_Score<br>Pos10: Living_Arrangement<br>Pos11: Housing_cat<br>Pos12: Housing_sta<br>Pos13: Ressup_lvl<br>Pos14: Comint_lvl<br>Pos15: Homeless_srv<br>Pos16: Employment_Detail<br>Pos17: Primary_Substance_Code<br>Pos18: Primary_Route_Code<br>Pos19: Primary_Frequency_Code<br>Pos20: Primary_Age<br>Pos21: Secondary_Substance_Code<br>Pos22: Secondary_Route_Code<br>Pos23: Secondary_Frequency_Code<br>Pos24: Secondary_Age<br>Pos25: Tertiary_Substance_Code<br>Pos26: Tertiary_Route_Code<br>Pos27: Tertiary_Frequency_Code<br>Pos28: Tertiary_Age<br>Pos29: Criminal_Involvement<br>Pos30: Social Support<br>Pos31: Needle Use<br>Pos32: IsPregnant |

## GetSubstanceCodes

***[C#]***
public DataSet GetSubstanceCodes(string UserName, string Password)

***[Visual Basic.Net]***
Public GetSubstanceCodes(Byval UserName as String, Byval Password as String) as DataSet

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |

Returns: DataSet

| Value | Value Description |
|---|---|
| DataSet.Tables[0] | .Columns[0] = Substance Name<br>.Columns[1] = Substance ID |
| .Columns[0] = -1 | Invalid flow |
| .Columns[0] = -2 | SQL exception |
| .Columns[0] = -3 | Authentication Failed |
| .Columns[0] = -4 | Web Service Secure Connection Failed |

## NewGetSubstanceCodes()

***[C#]***
public Substances NewGetSubstanceCodes(string UserName, string Password)

***[Visual Basic.Net]***
public NewGetSubstanceCodes(Byval UserName as String, Byval Password as String) as Substances

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

Input Parameters

| Field Name | Required | Data Type | Length | Comments/Description |
|---|---|---|---|---|
| UserName | Yes | String | 20 | Web Service User Name |
| Password | Yes | String | 8 | Web Service Password |

Returns: Class Substances

| Value | Value Description |
|---|---|
| Count > 0 | Please refer to the Substances Class Definition for the field layout. |
| = -1 | Invalid flow |
| = -2 | SQL exception |
| = -3 | Authentication Failed |
| = -4 | Web Service Secure Connection 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 |
| -4 | General | Web Service Secure Connection 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.” |