

Appendix Q: XML Definitions

<u>Revision Date</u>	<u>Revised By</u>	<u>Description</u>
7/29/2010	John Brown	Changed type for MonthOfSurgery, DayOfSurgery, YearOfSurgery, MonthOfInjury, DayOfInjury, and YearOfInjury fields to include empty field values as specified in data validation requirements. Added types MonthTypeNull, DayTypeNull, YearTypeNull. Modified HourType to reflect data validation requirement for hour of injury. Added blank value to enumeration for TimeCodeType, MannerOfDeathCodeType, YesNoUnknownNotReportedType, and ActivityCodeType. Removed invalid values 5 and 6 from PregnancyCodeType enumeration.
8/2/2010	John Brown	Added NonKeyboard as a return message type.
8/27/2010	John Brown	Return message modified. Added minOccurs=0 to Term element. Changed field element from required to optional.
1/19/2011	John Brown	Added abbreviation strictness attribute to input xml.
1/26/2011	John Brown	Corrected type for abbreviation strictness flag.
6/14/2011	Doug Ringley	Modified and added strictness flag portion of the MmdsCertificate.xsd schema.
8/2/2011	Doug Ringley	Removed unused strictness reference.
8/15/2011	Doug Ringley	Modified MessageType section of the MmdsReturnMessage.xsd.
5/29/2012	Doug Ringley	Added RareCauseStrict attribute to MmdsCertificate.xsd.

Mmds.xsd

```
<?xml version="1.0" encoding="utf-8" ?>
<xs:schema id="Mmds"
  elementFormDefault="qualified"
```

```

    targetNamespace="WebMMDS"
    xmlns="WebMMDS"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
>

<xs:include schemaLocation="MmdsTypes.xsd"/>
<xs:include schemaLocation="MmdsCertificate.xsd"/>
<xs:include schemaLocation="MmdsReturnMessage.xsd"/>

</xs:schema>

```

XML INPUT

XML Schema – Certificate – MmdsCertificate.xsd

```

<?xml version="1.0" encoding="utf-8"?>
<xs:schema id="MmdsS10"
    elementFormDefault="qualified"
    targetNamespace="WebMMDS"
    xmlns="WebMMDS"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"
>

<xs:include schemaLocation="MmdsTypes.xsd"></xs:include>

<xs:element name="Certificate">
    <xs:complexType>
        <xs:all>

            <xs:element name="Line1a" type="Part1Type" minOccurs="0" />
            <xs:element name="Line1b" type="Part1Type" minOccurs="0" />
            <xs:element name="Line1c" type="Part1Type" minOccurs="0" />
            <xs:element name="Line1d" type="Part1Type" minOccurs="0" />
            <xs:element name="Line2" type="Part2Type" minOccurs="0" />

            <xs:element name="Duration1a" type="DurationType" minOccurs="0" />
            <xs:element name="Duration1b" type="DurationType" minOccurs="0" />
            <xs:element name="Duration1c" type="DurationType" minOccurs="0" />
            <xs:element name="Duration1d" type="DurationType" minOccurs="0" />

```

```

<xs:element name="YearOfDeath" type="YearType" minOccurs="0" />
<xs:element name="MonthOfDeath" type="MonthType" minOccurs="0" />
<xs:element name="DayOfDeath" type="DayType" minOccurs="0" />
<xs:element name="MonthOfSurgery" type="MonthTypeNil" minOccurs="0" />
<xs:element name="DayOfSurgery" type="DayTypeNil" minOccurs="0" />
<xs:element name="YearOfSurgery" type="YearTypeNil" minOccurs="0" />
<xs:element name="MonthOfInjury" type="MonthTypeNil" minOccurs="0" />
<xs:element name="DayOfInjury" type="DayTypeNil" minOccurs="0" />
<xs:element name="YearOfInjury" type="YearTypeNil" minOccurs="0" />
<xs:element name="HourOfInjury" type="HourType" minOccurs="0" />
<xs:element name="InjuryTimeCode" type="TimeCodeType" minOccurs="0" />

<xs:element name="PlaceOfInjury" type="String50Type" minOccurs="0" />
<xs:element name="InjuryDescription" type="String250Type" minOccurs="0" />
<xs:element name="Transport" type="String30Type" minOccurs="0" />
<xs:element name="Sex" type="SexType" minOccurs="0" />
<xs:element name="AgeUnits" type="AgeUnitType" minOccurs="0" />
<xs:element name="Age" type="AgeType" minOccurs="0" />
<xs:element name="TobaccoUse" type="TobaccoUseType" minOccurs="0" />
<xs:element name="Autopsy" type="YesNoUnknownType" minOccurs="0" />
<xs:element name="AutopsyFindings" type="YesNoUnknownNotReportedType" minOccurs="0" />
<xs:element name="Pregnancy" type="PregnancyCodeType" minOccurs="0" />
<xs:element name="MannerOfDeath" type="MannerOfDeathCodeType" minOccurs="0" />
<xs:element name="WorkInjury" type="YesNoUnknownNotReportedType" minOccurs="0" />
<xs:element name="Activity" type="ActivityCodeType" minOccurs="0" />

</xs:all>

<xs:attribute name="Year" type="YearType" use="required" />
<xs:attribute name="State" type="StateCodeType" use="required" />
<xs:attribute name="ID" type="NumberType" use="required" />

<!--If the following 'Validate' attributes are not present, a value of 'Yes' will be used-->
<xs:attribute name="ValidateAbbreviations" type="YesNoType" use="optional" />
<xs:attribute name="ValidateCertificate" type="YesNoType" use="optional" />
<xs:attribute name="ValidateDates" type="YesNoType" use="optional" />
<xs:attribute name="ValidateMannerOfDeath" type="YesNoType" use="optional" />
<xs:attribute name="ValidateMedicalEdits" type="YesNoType" use="optional" />
<xs:attribute name="ValidateIllTrivial" type="YesNoType" use="optional" />

```

```

<xs:attribute name="ValidateRareCauses" type="YesNoType" use="optional" />
<xs:attribute name="ValidateSpelling" type="YesNoType" use="optional" />
<xs:attribute name="ValidateSurveillance" type="YesNoType" use="optional" />

<!--If the following 'Strict' attributes are not present, a value of 'not strict' will be used-->
<xs:attribute name="ABBRStrict" type="StrictnessType" use="optional" />
<xs:attribute name="MEDEDITStrict" type="StrictnessType" use="optional" />
<xs:attribute name="RARECAUSEStrict" type="StrictnessType" use="optional" />

</xs:complexType>
</xs:element>

</xs:schema>

```

XML Schema – Types – MmdsTypes.xsd

```

<?xml version="1.0" encoding="utf-8"?>
<xs:schema id="MmdsS10"
  elementFormDefault="qualified"
  targetNamespace="WebMMDS"
  xmlns="WebMMDS"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
>

  <xs:simpleType name="Part1Type">
    <xs:restriction base="xs:string">
      <xs:maxLength value="120" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="DurationType">
    <xs:restriction base="xs:string">
      <xs:maxLength value="20" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="Part2Type">
    <xs:restriction base="xs:string">

```

```
    <xs:maxLength value="240" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="String250Type">
  <xs:restriction base="xs:string">
    <xs:maxLength value="250" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="String30Type">
  <xs:restriction base="xs:string">
    <xs:maxLength value="30" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="String50Type">
  <xs:restriction base="xs:string">
    <xs:maxLength value="50" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="MonthType">
  <xs:restriction base="xs:string">
    <xs:pattern value="^((0[1-9])|(1[0-2]))$|99"/>
  </xs:restriction>
</xs:simpleType>
```

```
  <xs:simpleType name="MonthTypeNill">
    <xs:restriction base="xs:string">
      <xs:pattern value="^((0[1-9])|(1[0-2]))$||99"/>
    </xs:restriction>
  </xs:simpleType>
```

```
<xs:simpleType name="DayType">
  <xs:restriction base="xs:string">
    <xs:pattern value="^((0[1-9])|(1[0-9])|(2[0-9])|(3[0-1]))$|99"/>
  </xs:restriction>
```

```

</xs:simpleType>

  <xs:simpleType name="DayTypeNil1">
    <xs:restriction base="xs:string">
      <xs:pattern value="^((0[1-9])|(1[0-9])|(2[0-9])|(3[0-1]))$||99"/>
    </xs:restriction>
  </xs:simpleType>

<xs:simpleType name="YearType">
  <xs:restriction base="xs:unsignedShort">
    <xs:minInclusive value="1900" />
    <xs:maxInclusive value="9999" />
  </xs:restriction>
</xs:simpleType>

  <xs:simpleType name="YearTypeNil1">
    <xs:restriction base="xs:string">
      <xs:pattern value="^((19[0-9][0-9])|([2-9][0-9][0-9][0-9]))$|^$|9999"/>
    </xs:restriction>
  </xs:simpleType>

<xs:simpleType name="HourType">
  <xs:restriction base="xs:string">
    <xs:pattern value="^(([0-1][0-9][0-5][0-9])|(2[0-3][0-5][0-9]))$||9999"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="TimeCodeType">
  <xs:restriction base="xs:string">
    <xs:enumeration value = "" />
    <xs:enumeration value = "A" />
    <xs:enumeration value = "P" />
    <xs:enumeration value = "M" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="StateCodeType" >
  <xs:restriction base="xs:string" >
    <xs:enumeration value = "AL" />

```

```
<xs:enumeration value = "AK" />
<xs:enumeration value = "AZ" />
<xs:enumeration value = "AR" />
<xs:enumeration value = "CA" />
<xs:enumeration value = "CO" />
<xs:enumeration value = "CT" />
<xs:enumeration value = "DE" />
<xs:enumeration value = "DC" />
<xs:enumeration value = "FL" />
<xs:enumeration value = "GA" />
<xs:enumeration value = "HI" />
<xs:enumeration value = "ID" />
<xs:enumeration value = "IL" />
<xs:enumeration value = "IN" />
<xs:enumeration value = "IA" />
<xs:enumeration value = "KS" />
<xs:enumeration value = "KY" />
<xs:enumeration value = "LA" />
<xs:enumeration value = "ME" />
<xs:enumeration value = "MD" />
<xs:enumeration value = "MA" />
<xs:enumeration value = "MI" />
<xs:enumeration value = "MN" />
<xs:enumeration value = "MS" />
<xs:enumeration value = "MO" />
<xs:enumeration value = "MT" />
<xs:enumeration value = "NE" />
<xs:enumeration value = "NV" />
<xs:enumeration value = "NH" />
<xs:enumeration value = "NJ" />
<xs:enumeration value = "NM" />
<xs:enumeration value = "NY" />
<xs:enumeration value = "NC" />
<xs:enumeration value = "ND" />
<xs:enumeration value = "OH" />
<xs:enumeration value = "OK" />
<xs:enumeration value = "OR" />
<xs:enumeration value = "PA" />
<xs:enumeration value = "PR" />
```

```

    <xs:enumeration value = "RI" />
    <xs:enumeration value = "SC" />
    <xs:enumeration value = "SD" />
    <xs:enumeration value = "TN" />
    <xs:enumeration value = "TX" />
    <xs:enumeration value = "UT" />
    <xs:enumeration value = "VT" />
    <xs:enumeration value = "VA" />
    <xs:enumeration value = "VI" />
    <xs:enumeration value = "WA" />
    <xs:enumeration value = "WV" />
    <xs:enumeration value = "WI" />
    <xs:enumeration value = "WY" />
    <xs:enumeration value = "AS" />
    <xs:enumeration value = "GU" />
    <xs:enumeration value = "YC" />
    <xs:enumeration value = "MP" />
    <xs:enumeration value = "FM" />
    <xs:enumeration value = "MH" />
    <xs:enumeration value = "PW" />
    <xs:enumeration value = "UM" />
    <xs:enumeration value = "XX" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="SexType">
  <xs:restriction base = "xs:string">
    <xs:enumeration value = "M"/>
    <xs:enumeration value = "F"/>
    <xs:enumeration value = "U"/>
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="AgeUnitType" >
  <xs:restriction base = "xs:unsignedByte" >
    <xs:enumeration value = "1"/>
    <xs:enumeration value = "2"/>
    <xs:enumeration value = "3"/>
    <xs:enumeration value = "4"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value = "5"/>
        <xs:enumeration value = "6"/>
        <xs:enumeration value = "9"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="AgeType" >
    <xs:restriction base="xs:string">
        <xs:pattern value="^((00[1-9])|0[1-9][0-9]|(1[0-2][0-9])|13[0-5])$|999"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="TobaccoUseType">
    <xs:restriction base = "xs:string">
        <xs:enumeration value = "Y"/>
        <xs:enumeration value = "N"/>
        <xs:enumeration value = "P"/>
        <xs:enumeration value = "U"/>
        <xs:enumeration value = "C"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="PregnancyCodeType">
    <xs:restriction base="xs:byte">
        <xs:enumeration value = "1" />
        <xs:enumeration value = "2" />
        <xs:enumeration value = "3" />
        <xs:enumeration value = "4" />
        <xs:enumeration value = "7" />
        <xs:enumeration value = "8" />
        <xs:enumeration value = "9" />
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="MannerOfDeathCodeType">
    <xs:restriction base="xs:string">
        <xs:enumeration value = "" />
        <xs:enumeration value = "N" />
        <xs:enumeration value = "A" />
    </xs:restriction>
</xs:simpleType>

```

```
        <xs:enumeration value = "S" />
        <xs:enumeration value = "H" />
        <xs:enumeration value = "P" />
        <xs:enumeration value = "C" />
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="YesNoUnknownType">
    <xs:restriction base = "xs:string">
        <xs:enumeration value = "Y"/>
        <xs:enumeration value = "N"/>
        <xs:enumeration value = "U"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="YesNoUnknownNotReportedType">
    <xs:restriction base = "xs:string">
        <xs:enumeration value = ""/>
        <xs:enumeration value = "Y"/>
        <xs:enumeration value = "N"/>
        <xs:enumeration value = "U"/>
        <xs:enumeration value = "X"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="NumberType">
    <xs:restriction base="xs:unsignedLong">
        <xs:minInclusive value="0" />
        <xs:maxInclusive value="999999" />
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="ActivityCodeType">
    <xs:restriction base="xs:unsignedInt">
        <xs:enumeration value = "" />
        <xs:enumeration value = "0" />
        <xs:enumeration value = "1" />
        <xs:enumeration value = "2" />
        <xs:enumeration value = "3" />
    </xs:restriction>
</xs:simpleType>
```

```

        <xs:enumeration value = "4" />
        <xs:enumeration value = "8" />
        <xs:enumeration value = "9" />
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="CertificateType">
    <xs:restriction base="xs:string">
        <xs:enumeration value = "Normal"/>
        <xs:enumeration value = "AI"/>
        <xs:enumeration value = "Pending"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="Guid">
    <xs:annotation>
        <xs:documentation xml:lang="en">
            The representation of a GUID, generally the id of an element.
        </xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
        <xs:pattern value="\{[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}\}" />
    </xs:restriction>
</xs:simpleType>

    <xs:simpleType name="StrictnessType" >
        <xs:restriction base = "xs:unsignedByte" >
            <xs:enumeration value ="0"/> <!-- not strict -->
            <xs:enumeration value = "1"/> <!-- strict -->
        </xs:restriction>
    </xs:simpleType>

</xs:schema>

```

XML Sample

```
<?xml version='1.0' encoding='utf-8' ?>
```

```

<Certificate Year='2000' State='NC' ID='012345' xmlns='WebMMDS'>
  <YearOfDeath>2000</YearOfDeath>
  <MonthOfDeath>02</MonthOfDeath>
  <DayOfDeath>29</DayOfDeath>
  <Sex>F</Sex>
  <AgeUnits>1</AgeUnits>
  <Age>033</Age>
  <Line1a>ALZHMERS DIZEASE</Line1a>
  <Line1b>FRIENDLY CANCER</Line1b>
  <Line1c>H1N1</Line1c>
  <TobaccoUse>U</TobaccoUse>
  <Pregnancy>1</Pregnancy>
  <MannerOfDeath>N</MannerOfDeath>
  <MonthOfInjury>01</MonthOfInjury>
  <DayOfInjury>02</DayOfInjury>
  <YearOfInjury>2000</YearOfInjury>
  <HourOfInjury>2300</HourOfInjury>
  <InjuryTimeCode>M</InjuryTimeCode>
  <PlaceOfInjury>Home</PlaceOfInjury>
  <WorkInjury>N</WorkInjury>
  <InjuryDescription>Fell and died</InjuryDescription>
  <Transport>Passenger</Transport>
  <Autopsy>N</Autopsy>
  <AutopsyFindings>N</AutopsyFindings>
  <MonthOfSurgery>02</MonthOfSurgery>
  <DayOfSurgery>02</DayOfSurgery>
  <YearOfSurgery>2000</YearOfSurgery>
  <Activity>1</Activity>
</Certificate>

```

XML OUTPUT

XML Schema – MmdsReturnMessage.xsd

```

<?xml version="1.0" encoding="utf-8"?>
<xs:schema id="MmdsReturn" attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns="WebMMDS"
targetNamespace="WebMMDS" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="ReturnMessage">
    <xs:complexType>
      <xs:sequence>

```

```

<xs:element name="ValidationData" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Term" type="xs:string" minOccurs="0" />
      <xs:element maxOccurs="unbounded" name="Suggestion" minOccurs="0">
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="rank" type="xs:unsignedShort" use="required" />
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element maxOccurs="unbounded" name="Message" minOccurs="0">
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="level" type="xs:unsignedShort" use="required" />
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
    <xs:attribute name="type" type="MessageType" use="required" />
    <xs:attribute name="field" type="Field" use="optional" />
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="Year" type="xs:unsignedShort" use="required" />
<xs:attribute name="State" type="xs:string" use="required" />
<xs:attribute name="ID" type="xs:unsignedInt" use="required" />
</xs:complexType>
</xs:element>

<xs:simpleType name="MessageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Abbreviation"/>
    <xs:enumeration value="DataBoundary"/>
    <xs:enumeration value="DataCode"/>
  </xs:restriction>
</xs:simpleType>

```

```

        <xs:enumeration value="DataDependency"/>
        <xs:enumeration value="DataLength"/>
        <xs:enumeration value="IllDefined"/>
        <xs:enumeration value="Information"/>
        <xs:enumeration value="MedEdits"/>
        <xs:enumeration value="NoError"/>
        <xs:enumeration value="NonKeyboard"/>
        <xs:enumeration value="Punctuation"/>
        <xs:enumeration value="RareCause"/>
        <xs:enumeration value="RareWord"/>
        <xs:enumeration value="SiteCheck"/>
        <xs:enumeration value="Spelling"/>
        <xs:enumeration value="Surveillance"/>
    </xs:restriction>
</xs:simpleType>

<xs:simpleType name="Field">
    <xs:restriction base="xs:string">
        <xs:enumeration value="Year"/>
        <xs:enumeration value="State"/>
        <xs:enumeration value="ID"/>

        <xs:enumeration value="YearOfDeath"/>
        <xs:enumeration value="MonthOfDeath"/>
        <xs:enumeration value="DayOfDeath"/>
        <xs:enumeration value="Sex"/>
        <xs:enumeration value="AgeUnits"/>
        <xs:enumeration value="Age"/>
        <xs:enumeration value="Line1a"/>
        <xs:enumeration value="Duration1a"/>
        <xs:enumeration value="Line1b"/>
        <xs:enumeration value="Duration1b"/>
        <xs:enumeration value="Line1c"/>
        <xs:enumeration value="Duration1c"/>
        <xs:enumeration value="Line1d"/>
        <xs:enumeration value="Duration1d"/>
        <xs:enumeration value="Line2"/>
        <xs:enumeration value="TobaccoUse"/>
        <xs:enumeration value="Pregnancy"/>
    </xs:restriction>
</xs:simpleType>

```

```

    <xs:enumeration value="MannerOfDeath"/>
    <xs:enumeration value="MonthOfInjury"/>
    <xs:enumeration value="DayOfInjury"/>
    <xs:enumeration value="YearOfInjury"/>
    <xs:enumeration value="HourOfInjury"/>
    <xs:enumeration value="InjuryTimeCode"/>
    <xs:enumeration value="PlaceOfInjury"/>
    <xs:enumeration value="WorkInjury"/>
    <xs:enumeration value="InjuryDescription"/>
    <xs:enumeration value="Transport"/>
    <xs:enumeration value="Autopsy"/>
    <xs:enumeration value="AutopsyFindings"/>
    <xs:enumeration value="MonthOfSurgery"/>
    <xs:enumeration value="DayOfSurgery"/>
    <xs:enumeration value="YearOfSurgery"/>

    <xs:enumeration value="Activity"/>
  </xs:restriction>
</xs:simpleType>
</xs:schema>

```

XML Sample

```

<?xml version="1.0" encoding="utf-8"?>
<ReturnMessage Year="2000" State="NC" ID="0" xmlns="WebMMDS">
  <ValidationData type="Spelling" field="Line1a">
    <Term>ALZHIMERS</Term>
    <Suggestion rank="1">ALZHEIMERS</Suggestion>
    <Suggestion rank="2">ALZHEIMER</Suggestion>
    <Suggestion rank="3">ALZHEMED</Suggestion>
  </ValidationData>
  <ValidationData type="Spelling" field="Line1a">
    <Term>DIZEASE</Term>
    <Suggestion rank="1">DISEASE</Suggestion>
    <Suggestion rank="2">DECEASE</Suggestion>
  </ValidationData>
  <ValidationData type="RareWord" field="Line1b">
    <Term>FRIENDLY</Term>
    <Suggestion rank="1">FRIEND</Suggestion>
  </ValidationData>

```

```
<Suggestion rank="2">FRIENDS</Suggestion>
<Message level="1">FRIENDLY appears rarely in mortality data. Please confirm or select an alternative.</Message>
<Message level="2">FRIENDLY appears rarely in mortality data. Please confirm or select an alternative.</Message>
<Message level="3">FRIENDLY appears rarely in mortality data. Please confirm or select an alternative.</Message>
</ValidationData>
<ValidationData type="Surveillance" field="Line1c">
  <Term>H1N1</Term>
  <Message level="1">Alert H1N1 has been flagged for surveillance purposes. Please verify the term is spelled
correctly as it appears on the death record.</Message>
  <Message level="2">Alert H1N1 has been flagged for surveillance purposes. Please confirm this condition is
accurately reported.</Message>
  <Message level="3">Alert H1N1 has been flagged for surveillance purposes. Please confirm this condition is
accurately reported.</Message>
</ValidationData>
</ReturnMessage>

<?xml version="1.0" encoding="utf-8"?>
<ReturnMessage Year="0000" State="00" Number="000000" xmlns="WebMMDS">
  <Information>XML validation failed.</Information>
</ReturnMessage>
```