



PMIX 3.0 PMP Prescription Response Exchange Schema Proposal

Contents

1	Background	2
1.1	PMIX National Architecture	2
1.2	Guiding Principles.....	2
2	Standards Implementation	2
2.1	Audience	2
2.2	Foundation of the PMIX National Architecture	2
3	Standards Proposal	3
3.1	Background	3
3.2	Proposed Schema Sample.....	3
4	Summary of Changes	9
4.1.1	Migrate to NIEM 4.0.....	9
4.1.2	Update to ASAP.....	9

1 Background

The Prescription Monitoring Information eXchange (PMIX) is a standards organization sponsored by the Bureau of Justice Assistance. Its purpose is to support the sharing of Prescription Drug Monitoring Program data among PDMP organizations and their stakeholders by establishing and maintaining the PMIX National Architecture and related guidelines, policies and standards to minimize the cost and complexity of sharing PDMP data across organizational, vendor, geographic and operational boundaries; enable secure, trusted exchanges of PDMP data and promote consistency among PDMPs.

1.1 PMIX National Architecture

The PMIX National Architecture is a nationwide framework designed to enable standards-based sharing of information between Prescription Drug Monitoring Program (PDMP) organizations and their stakeholders.

1.2 Guiding Principles

The Guiding Principles of the PMIX National Architecture foster prescription drug information sharing across all Federal, State, Tribal and approved third party entities in accordance with the PMIX National Architecture are:

- Protect state's full rights and control of Data Ownership.
- Promote the adoption of security standards that protects the confidentiality, integrity, and availability of the data, in transit and at rest.
- Promote uniformity in the selection of a limited set of approved common data standards.
- Promote a standard to which IT solution providers are held that ensures the best value products and/or services to PDMP participating states, while maintaining the public's trust and fulfilling public policy objectives.

2 Standards Implementation

2.1 Audience

This document applies to all entities involved in the exchange of prescription data between Prescription Drug Monitoring programs and their stakeholder organizations as well as data sharing hubs, and other exchange partners or intermediaries when utilizing the PMIX Architecture to exchange or map the exchange to another data sharing standard.

2.2 Foundation of the PMIX National Architecture

The PMIX Architecture is based on the National Information Exchange Model (NIEM). The National Information Exchange Model (NIEM) is a common vocabulary that enables efficient information exchange across diverse public and

private organizations. NIEM connects communities of people who share a common need to exchange information in order to advance their mission. In addition to NIEM, PMIX also synchronizes its information exchange infrastructure with the American Society for Automation in Pharmacy (ASAP) whose reporting standard is widely used by Prescription Drug Monitoring programs. For more information on these programs, please see their websites: <https://www.niem.gov/> and <https://www.asapnet.org/>.

3 Standards Proposal

3.1 Background

As a part of its 2018 – 2019 organizational goals, the Executive Committee of the PMIX Standards Organization directed its Operations and Technical Architecture subcommittees to review and propose changes to the PMP Prescription Response Exchange Schema including but not limited to the following areas:

- Updating the elements to the latest version of NIEM
- Synchronizing where applicable with the latest version of ASAP
- Adding additional data elements as needed to meet the business objectives of the PDMP community and their stakeholders

The sample below illustrates the proposed new schema. The actual xsd file is available upon request for review. Outlined below is a summary of the changes made to the schema. The latest approved versions of the schema are available on the PMIX website for comparison (<https://www.pdmpassist.org/PMIX/Standards>).

3.2 Proposed Schema Sample

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2011 (x64) (http://www.altova.com)-->
<pmix:PMPPrescriptionReport xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://pmixpmp.org/niem/4.0/
  ../..schema/information/exchange/PMIX_NIEM_4.0_PMP_Prescription_Report.xsd"
  xmlns:pmix="http://pmixpmp.org/niem/4.0/"
  xmlns:s="http://release.niem.gov/niem/structures/4.0/"
  xmlns:nc="http://release.niem.gov/niem/niem-core/4.0/"
  xmlns:j="http://release.niem.gov/niem/domains/jxdm/6.2/"
  xmlns:pmp="http://pmixpmp.org/niem/4.0/extension">
  <pmp:RequestResponsePrescriptionReport>
    <pmp:PMPDocumentAugmentation>
      <pmp:DocumentPublicationTime>14:20:00.0Z</pmp:DocumentPublicationTime>
    </pmp:PMPDocumentAugmentation>
    <pmp:ReportExecutionDate>1967-08-13</pmp:ReportExecutionDate>
    <pmp:ReportExecutionTime>14:20:00.0Z</pmp:ReportExecutionTime>
    <pmp:ReportDateRange>
      <pmp:ReportDateRangeBegin>1967-08-13</pmp:ReportDateRangeBegin>
      <pmp:ReportDateRangeEnd>1967-08-13</pmp:ReportDateRangeEnd>
    </pmp:ReportDateRange>
    <pmp:Prescription>
      <pmp:Dispenser>
        <nc:OrganizationDoingBusinessAsName>String</nc:OrganizationDoingBusinessAsName>
        <nc:OrganizationLocation>
          <nc:Address>
            <nc:LocationStreet>
              <nc:StreetFullText>String</nc:StreetFullText>
```

```

        </nc:LocationStreet>
        <nc:LocationCityName>String</nc:LocationCityName>
        <nc:LocationState>
            <nc:LocationStateUSPostalServiceCode>OH</nc:LocationStateUSPostalServiceCode>
        </nc:LocationState>
        <nc:LocationPostalCode>String</nc:LocationPostalCode>
        <nc:LocationPostalExtensionCode>String</nc:LocationPostalExtensionCode>
    </nc:Address>
</nc:OrganizationLocation>
<nc:OrganizationName>String</nc:OrganizationName>
<nc:OrganizationPrimaryContactInformation>
    <nc:ContactTelephoneNumber>
        <nc:FullTelephoneNumber>
            <nc:TelephoneNumberFullID>String</nc:TelephoneNumberFullID>
        </nc:FullTelephoneNumber>
    </nc:ContactTelephoneNumber>
    <nc:ContactEntity>
        <nc:EntityOrganization>
            <nc:OrganizationDoingBusinessAsName>String</nc:OrganizationDoingBusinessAsName>
            <nc:OrganizationLocation>
                <nc:Address>
                    <nc:LocationStreet>
                        <nc:StreetFullText>String</nc:StreetFullText>
                    </nc:LocationStreet>
                    <nc:LocationCityName>String</nc:LocationCityName>
                    <nc:LocationState>
<nc:LocationStateUSPostalServiceCode>MI</nc:LocationStateUSPostalServiceCode>
                        </nc:LocationState>
                        <nc:LocationPostalCode>String</nc:LocationPostalCode>
                        <nc:LocationPostalExtensionCode>String</nc:LocationPostalExtensionCode>
                    </nc:Address>
                </nc:OrganizationLocation>
                <nc:OrganizationName>String</nc:OrganizationName>
            </nc:EntityOrganization>
        </nc:ContactEntity>
    </nc:OrganizationPrimaryContactInformation>
<mpm:NPIIdentifier>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
        <nc:JurisdictionText>String</nc:JurisdictionText>
    </nc:IdentificationJurisdiction>
</mpm:NPIIdentifier>
<mpm:DEANumberIdentifier>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
        <nc:JurisdictionText>String</nc:JurisdictionText>
    </nc:IdentificationJurisdiction>
    <mpm:XDEAIndicator>false</mpm:XDEAIndicator>
</mpm:DEANumberIdentifier>
<mpm:StateLicenseIdentifier>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
        <nc:JurisdictionText>String</nc:JurisdictionText>

```

```

        </nc:IdentificationJurisdiction>
    </pmp:StateLicenseIdentifier>
    <pmp:NCPDPIIdentifier>
        <nc:IdentificationID>String</nc:IdentificationID>
        <nc:IdentificationJurisdiction>
            <nc:JurisdictionText>String</nc:JurisdictionText>
        </nc:IdentificationJurisdiction>
    </pmp:NCPDPIIdentifier>
    <pmp:ContactNameText>String</pmp:ContactNameText>
    <pmp:ChainSiteIDText>String</pmp:ChainSiteIDText>
</pmp:Dispenser>
<pmp:PrescriptionNumberText>String</pmp:PrescriptionNumberText>
<pmp:DrugRefillNumberCount>1</pmp:DrugRefillNumberCount>
<pmp:PrescriptionFilledDate>
    <nc:Date>1967-08-13</nc:Date>
</pmp:PrescriptionFilledDate>
<pmp:Patient>
    <nc:PersonBirthDate>
        <nc:Date>1967-08-13</nc:Date>
    </nc:PersonBirthDate>
    <nc:PersonName>
        <nc:PersonNamePrefixText>String</nc:PersonNamePrefixText>
        <nc:PersonGivenName>String</nc:PersonGivenName>
        <nc:PersonMiddleName>String</nc:PersonMiddleName>
        <nc:PersonSurName>String</nc:PersonSurName>
        <nc:PersonNameSuffixText>String</nc:PersonNameSuffixText>
        <nc:PersonFullName>String</nc:PersonFullName>
    </nc:PersonName>
    <j:PersonSexCode>U</j:PersonSexCode>
    <nc:PersonSSNIdentification>
        <nc:IdentificationID>String</nc:IdentificationID>
        <nc:IdentificationJurisdiction>
            <nc:JurisdictionText>String</nc:JurisdictionText>
        </nc:IdentificationJurisdiction>
    </nc:PersonSSNIdentification>
    <pmp:PersonPrimaryContactInformation>
        <nc:ContactTelephoneNumber>
            <nc:FullTelephoneNumber>
                <nc:TelephoneNumberFullID>String</nc:TelephoneNumberFullID>
            </nc:FullTelephoneNumber>
        </nc:ContactTelephoneNumber>
        <nc:ContactMailingAddress>
            <nc:LocationStreet>
                <nc:StreetFullText>String</nc:StreetFullText>
            </nc:LocationStreet>
            <nc:LocationCityName>String</nc:LocationCityName>
            <nc:LocationState>
                <nc:LocationStateUSPostalServiceCode>NV</nc:LocationStateUSPostalServiceCode>
            </nc:LocationState>
            <nc:LocationPostalCode>String</nc:LocationPostalCode>
            <nc:LocationPostalExtensionCode>String</nc:LocationPostalExtensionCode>
        </nc:ContactMailingAddress>
    </pmp:PersonPrimaryContactInformation>
    <pmp:PersonStateIssuedIdentifier>

```

```

        <nc:IdentificationID>String</nc:IdentificationID>
        <nc:IdentificationJurisdiction>
            <nc:JurisdictionText>String</nc:JurisdictionText>
        </nc:IdentificationJurisdiction>
    </pmp:PersonStateIssuedIdentifier>
    <pmp:SpeciesCode>01</pmp:SpeciesCode>
    <pmp:PatientLocationCode>11</pmp:PatientLocationCode>
    <pmp:PatientNameOfAnimalText>String</pmp:PatientNameOfAnimalText>
    <pmp:PatientAlert>
        <pmp:PatientAlertDescriptionText>String</pmp:PatientAlertDescriptionText>
        <pmp:PatientAlertCategoryCode>01</pmp:PatientAlertCategoryCode>
    </pmp:PatientAlert>
</pmp:Patient>
<pmp:Prescriber>
    <nc:PersonName>
        <nc:PersonNamePrefixText>String</nc:PersonNamePrefixText>
        <nc:PersonGivenName>String</nc:PersonGivenName>
        <nc:PersonMiddleName>String</nc:PersonMiddleName>
        <nc:PersonSurName>String</nc:PersonSurName>
        <nc:PersonNameSuffixText>String</nc:PersonNameSuffixText>
        <nc:PersonFullName>String</nc:PersonFullName>
    </nc:PersonName>
    <pmp:PersonPrimaryContactInformation>
        <nc:ContactTelephoneNumber>
            <nc:FullTelephoneNumber>
                <nc:TelephoneNumberFullID>String</nc:TelephoneNumberFullID>
            </nc:FullTelephoneNumber>
        </nc:ContactTelephoneNumber>
        <nc:ContactEntity>
            <nc:EntityOrganization>
                <nc:OrganizationDoingBusinessAsName>String</nc:OrganizationDoingBusinessAsName>
                <nc:OrganizationLocation>
                    <nc:Address>
                        <nc:LocationStreet>
                            <nc:StreetFullText>String</nc:StreetFullText>
                        </nc:LocationStreet>
                        <nc:LocationCityName>String</nc:LocationCityName>
                        <nc:LocationState>
<nc:LocationStateUSPostalServiceCode>AE</nc:LocationStateUSPostalServiceCode>
                            </nc:LocationState>
                        <nc:LocationPostalCode>String</nc:LocationPostalCode>
                        <nc:LocationPostalExtensionCode>String</nc:LocationPostalExtensionCode>
                    </nc:Address>
                </nc:OrganizationLocation>
                <nc:OrganizationName>String</nc:OrganizationName>
            </nc:EntityOrganization>
        </nc:ContactEntity>
    </pmp:PersonPrimaryContactInformation>
    <pmp:NPIIdentifier>
        <nc:IdentificationID>String</nc:IdentificationID>
        <nc:IdentificationJurisdiction>
            <nc:JurisdictionText>String</nc:JurisdictionText>
        </nc:IdentificationJurisdiction>

```

```

</pmp:NPIIdentifier>
<pmp:DEANumberIdentifier>
  <nc:IdentificationID>String</nc:IdentificationID>
  <nc:IdentificationJurisdiction>
    <nc:JurisdictionText>String</nc:JurisdictionText>
  </nc:IdentificationJurisdiction>
  <pmp:XDEAIndicator>>false</pmp:XDEAIndicator>
</pmp:DEANumberIdentifier>
<pmp:PrescriberDEANumberSuffixText>String</pmp:PrescriberDEANumberSuffixText>
<pmp:StateLicenseIdentifier>
  <nc:IdentificationID >String</nc:IdentificationID>
  <nc:IdentificationJurisdiction>
    <nc:JurisdictionText>String</nc:JurisdictionText>
  </nc:IdentificationJurisdiction>
</pmp:StateLicenseIdentifier>
</pmp:Prescriber>
<pmp:PrescriptionWrittenDate>
  <nc:Date>1967-08-13</nc:Date>
</pmp:PrescriptionWrittenDate>
<pmp:PrescriptionDrug>
  <pmp:DrugUPNProductIdentifier>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
      <nc:JurisdictionText>String</nc:JurisdictionText>
    </nc:IdentificationJurisdiction>
  </pmp:DrugUPNProductIdentifier>
  <pmp:DrugProductNameText>String</pmp:DrugProductNameText>
  <pmp:DrugStrengthText>String</pmp:DrugStrengthText>
  <pmp:DrugUnitOfMeasureText>String</pmp:DrugUnitOfMeasureText>
  <pmp:DEAClassScheduleText>String</pmp:DEAClassScheduleText>
  <pmp:CompoundDrugIngredient>
    <pmp:CompoundDrugIngredientSequenceNumber>1</pmp:CompoundDrugIngredientSequenceNumber>
    <pmp:CompoundDrugIngredientNDCProductIdentifier>
      <nc:IdentificationID>String</nc:IdentificationID>
      <nc:IdentificationJurisdiction>
        <nc:JurisdictionText>String</nc:JurisdictionText>
      </nc:IdentificationJurisdiction>
    </pmp:CompoundDrugIngredientNDCProductIdentifier>
  <pmp:CompoundDrugIngredientProductNameText>String</pmp:CompoundDrugIngredientProductNameText>
  <pmp:CompoundDrugIngredientStrengthText>String</pmp:CompoundDrugIngredientStrengthText>
<pmp:CompoundDrugIngredientDEAClassScheduleText>String</pmp:CompoundDrugIngredientDEAClassScheduleText>
  <pmp:IngredientQuantity>1.1</pmp:IngredientQuantity>
<pmp:CompoundDrugIngredientDrugDosageUnitsCode>02</pmp:CompoundDrugIngredientDrugDosageUnitsCode>
</pmp:CompoundDrugIngredient>
</pmp:PrescriptionDrug>
<pmp:RefillsAuthorizedCount>1</pmp:RefillsAuthorizedCount>
<pmp:DispensedQuantity>1.1</pmp:DispensedQuantity>
<pmp:DaysSupplyCount>1</pmp:DaysSupplyCount>
<pmp:DrugDosageUnitsCode>03</pmp:DrugDosageUnitsCode>
<pmp:MethodOfPaymentCode>07</pmp:MethodOfPaymentCode>
<pmp:TransmissionFormOfRxOriginCode>06</pmp:TransmissionFormOfRxOriginCode>

```

E

```

<pmp:PartialFillIndicator>true</pmp:PartialFillIndicator>
<pmp:Pharmacist>
  <nc:PersonName>
    <nc:PersonNamePrefixText>String</nc:PersonNamePrefixText>
    <nc:PersonGivenName>String</nc:PersonGivenName>
    <nc:PersonMiddleName>String</nc:PersonMiddleName>
    <nc:PersonSurName>String</nc:PersonSurName>
    <nc:PersonNameSuffixText>String</nc:PersonNameSuffixText>
    <nc:PersonFullName>String</nc:PersonFullName>
  </nc:PersonName>
  <j:PersonSexCode>U</j:PersonSexCode>
  <nc:PersonSSNIdentification>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
      <nc:JurisdictionText>String</nc:JurisdictionText>
      <nc:LocationState>
        <nc:LocationStateUSPostalServiceCode>VA</nc:LocationStateUSPostalServiceCode>
      </nc:LocationState>
    </nc:IdentificationJurisdiction>
  </nc:PersonSSNIdentification>
  <pmp:PersonPrimaryContactInformation>
    <nc:ContactTelephoneNumber>
      <nc:FullTelephoneNumber>
        <nc:TelephoneNumberFullID>String</nc:TelephoneNumberFullID>
      </nc:FullTelephoneNumber>
    </nc:ContactTelephoneNumber>
    <nc:ContactEntity>
      <nc:EntityOrganization>
        <nc:OrganizationDoingBusinessAsName>String</nc:OrganizationDoingBusinessAsName>
        <nc:OrganizationLocation>
          <nc:Address>
            <nc:LocationStreet>
              <nc:StreetFullText>String</nc:StreetFullText>
            </nc:LocationStreet>
            <nc:LocationCityName>String</nc:LocationCityName>
            <nc:LocationState>
              <nc:LocationStateUSPostalServiceCode>OR</nc:LocationStateUSPostalServiceCode>
            </nc:LocationState>
            <nc:LocationPostalCode>String</nc:LocationPostalCode>
            <nc:LocationPostalExtensionCode>String</nc:LocationPostalExtensionCode>
          </nc:Address>
        </nc:OrganizationLocation>
        <nc:OrganizationName>String</nc:OrganizationName>
      </nc:EntityOrganization>
    </nc:ContactEntity>
  </pmp:PersonPrimaryContactInformation>
  <pmp:NPIIdentifier>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
      <nc:JurisdictionText>String</nc:JurisdictionText>
      <nc:LocationState>
        <nc:LocationStateUSPostalServiceCode>VA</nc:LocationStateUSPostalServiceCode>
      </nc:LocationState>

```



```

        </nc:IdentificationJurisdiction>
    </pmp:NPIIdentifier>
    <pmp:StateLicenseIdentifier>
        <nc:IdentificationID>String</nc:IdentificationID>
        <nc:IdentificationJurisdiction>
            <nc:JurisdictionText>String</nc:JurisdictionText>
            <nc:LocationState>
                <nc:LocationCanadianProvinceCode>NB</nc:LocationCanadianProvinceCode>
            </nc:LocationState>
        </nc:IdentificationJurisdiction>
    </pmp:StateLicenseIdentifier>
</pmp:Pharmacist>
<pmp:StateIssuedRxSerialNumberIdentification>
    <nc:IdentificationID>String</nc:IdentificationID>
    <nc:IdentificationJurisdiction>
        <nc:JurisdictionText>String</nc:JurisdictionText>
    </nc:IdentificationJurisdiction>
</pmp:StateIssuedRxSerialNumberIdentification>
<pmp:PrescribedQuantity>5</pmp:PrescribedQuantity>
<pmp:RxSIGText>String</pmp:RxSIGText>
<pmp:ICD-10DiagnosticCodeText>String</pmp:ICD-10DiagnosticCodeText>
<pmp:OpioidTreatmentCategoryCode>11</pmp:OpioidTreatmentCategoryCode>
</pmp:Prescription>
</pmp:RequestResponsePrescriptionReport>
</pmix:PMPPrescriptionReport>

```

The diagram consists of six yellow boxes labeled A through F. Lines connect these boxes to specific XML elements in the sample above:

- A** points to the `<nc:JurisdictionText>String</nc:JurisdictionText>` element.
- B** points to the `<pmp:RxSIGText>String</pmp:RxSIGText>` element.
- C** points to the `<pmp:ICD-10DiagnosticCodeText>String</pmp:ICD-10DiagnosticCodeText>` element.
- F** points to the `<pmp:OpioidTreatmentCategoryCode>11</pmp:OpioidTreatmentCategoryCode>` element.

4 Summary of Changes

4.1.1 Migrate to NIEM 4.0

The definition of any field prefaced by “nc:” comes from the field definition now supported in NIEM 4.0. In addition, the following fields were removed from the schemas:

- **nc:PersonNamePrefixText**
- **nc:PersonFullName**

4.1.2 Update to ASAP

The following changes were made to synchronize this schema to ASAP 4.2b. The highlighted letter following the field will direct you to the field in the schema sample above.

4.1.2.1 Add Additional Fields

The fields below were added to the schema:

- **PrescribedQuantity (A)**: Allows the exchange of the quantity prescribed if collected.
- **RxSIGText (B)**: Allows the Prescription instructions to be shared.
- **ICD-10DiagnosticCodeText (C)**: Allows state to share ICD 10 codes associated with the Prescription Record.
- **XDEAIndicator (D)**: True = DEA number is an XDEA number, False = DEA is not an XDEA number
- **Added New Code 06 to the code table of TransmissionFormOfRxOriginCode (E)**: Add code per ASAP latest version.
- **Added PersonVendorIdentifier to nc:IdentificationType**: Identifies a person using and ID number provided by a vendor and the vendor which has jurisdiction over the id.
- **OpioidTreatmentCategoryCode (F)**: Allows the exchange of a code to identify the reason for the opioid prescription.

4.1.2.2 Required Fields

The following fields will now be required in PMIX exchanges. **It is important to note that the comparable fields are required in ASAP except where marked by **.*

- **nc:JurisdictionUSPostalServiceCode**
- **pmp:VersionReleaseNumberText**
- **pmp:TransactionControlNumberText**
- **pmp:ReportExecutionDate**
- **pmp:ReportExecutionTime**
- **pmp:FileTypeCode**
- **pmp:UniqueInformationSourceIDText**
- **pmp:InformationSourceEntityNameText**
- **pmp:ReportingStatusCode**
- **pmp:CompoundDrugIngredientProductIdentifier**
- **pmp:DrugProductIdentifier**
- **pmp:CompoundDrugIngredientSequenceNumber**
- **pmp:IngredientQuantity**
- **pmp:PrescriptionNumberText**
- **pmp:PrescriptionWrittenDate**
- **pmp:RefillsAuthorizedCount**
- **pmp:PrescriptionFilledDate**
- **pmp:DrugRefillNumberCount**
- **pmp:DispensedQuantity**
- **pmp:DaysSupplyCount**
- **pmp:DEANumberIdentifier** ***This is conditionally required if the drug is a controlled substance*

4.1.2.3 Patient Alert Fields

In collaboration with the Operations Subcommittee, the schema will now include fields for sharing state specific patient alerts with integration partners and other states. The fields include:

- **pmp:PatientAlertCategoryCode:** This will be a code from the list below that identifies the type of alert enabling PDMPs to only use alerts that are permitted by statute, policy or design. The codes are (examples in parentheses):
 - 01: Suspected non-fatal overdose alert
 - 02: Suspected fatal overdose alert
 - 03: Doctor/pharmacy shopping alert
 - 04: Benzo and opiate overlapping prescription alert
 - 05: MME alert (e.g. MMEs within certain range considered to be high risk)
 - 06: Marijuana alert (e.g. participant in medical marijuana registry)
 - 07: Prescribing practice alert (e.g. prescribing opioids more than 30 days, greater than 640 patients in month)
 - 08: Dispensing practice alert (e.g. early refills, multiple same day)
 - 09: Naloxone dispensing alert
 - 10: Conviction alert (e.g. felony convictions)
 - 11: Law Enforcement alert (e.g. stolen prescriptions)
 - 12: Patient contract alert (e.g. lock-in programs, pain/treatment contracts)
 - 99: Unspecified Alert (defined by the sending PDMP)
- **pmp:PatientAlertDescriptionText:** This field contains the actual text per the sending state.

5 Implementation

This standard will replace the existing PMP Prescription Response Exchange schema. The proposed implementation timeline is:

- Available for use: 9/1/2021
- Adoption by all states: 3/1/2022