

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
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**1. Export Function on FASAMS Configuration tab tiles (8371)**

- FASAMS users need the ability to export FASAMS vocabulary in two ways, a simple list of vocabulary terms (*FASAMS Simple Vocabulary*) and a list of vocabulary terms and their relationships to each other (*FASAMS Full Vocabulary*). The *FASAMS Simple Vocabulary* export will allow for quick review and analysis of the current vocabulary concepts while the *FASAMS Full Vocabulary* export will provide the MEs with a tool to allow them to upload the current vocabulary version, including concept relations to one another, to their source systems.

Hide old versions of vocab and reorder:

- Show only the most recent of each vocabulary version (i.e. FASAMS, ICD9, ICD10)
  - Show only one Draft version and one Active version per code system
    - Note: not all code systems will have a draft version

Add 'History' icon to the left of vocabulary search bar:

- Add Tooltip that says, "View Past Versions" when the cursor hovers over the icon
  - When the user clicks on this icon the hidden vocabulary versions will no longer be hidden and can be scrolled through using the scroll bar
    - The order of the versions will be as follows:
      - Update to be version desc
    - The "History toggle off" icon will appear when past versions are visible
  - Clicking on the icon will return the Vocab list to the previous order described in requirement 1.0

Create column on Vocabulary tile with vertical ellipses on each row

- Drop down menu will display on screen when the user clicks on the vertical ellipse for any data set
  - List items on drop down menu:
    - "Export Simple Vocabulary" – clicking this will download the Excel doc described in requirements 2.1 and 2.1.1
    - "Export Full Vocabulary" – clicking this will download the Excel doc defined in requirements 2.2 and 2.2.1

Create "Export Vocabulary" permission

- Allows role assigned with this permission to see the Export Vocab options on Vocabulary tile dropdown

Create "<codesystemname> Simple Vocabulary" Excel export document

- This document will download once the "Export Simple Vocabulary" dropdown menu item is selected
- The Vocabulary Export document will be named "<code system name> Simple Vocabulary 1.0.XX"
- The FASAMS Vocabulary Export document will contain 1 tab,
  - "Simple Vocab 1.0.XX" tab

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The “Simple Vocab 1.0.XX” tab (see *FASAMS Simple Vocabulary 1.0.15 (sample)* doc referenced above)

- The tab will have 5 columns below the top, merged cell. Those 5 columns are,
  - Column A:
    - Header: “**CodeSystemName**”
    - Will display the vocab version type (i.e. FASAMS, ICD10, ICD9)
    - Pulled from:  
VocabularyModule.CodeSystemVersion.CodeSystemName
  - Column B:
    - Header: “**CodeSystemVersion**”
    - Will display the version number (i.e. 1.0.15)
    - Pulled from:  
VocabularyModule.CodeSystemVersion.VersionName
  - Column C:
    - Header: “**ValueSetName**”
    - Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionInternalName
  - Column D:
    - Header: “**ConceptCode**”
    - Pulled from:  
VocabularyModule.Term.TargetConceptVersionCode
  - Column E:
    - Header: “**ConceptDisplayName**”
    - Pulled from: VocabularyModule.Term.  
ConceptVersionInternalName

Create “<codesystemname> Full Vocabulary” Excel export document

- This document will download once the “Export Full Vocabulary” dropdown menu item is selected
- The Vocabulary Export document will be named “<codesystemname> Full Vocabulary 1.0.XX”
- The FASAMS Vocabulary Export document will contain 1 tab,
  - “Full Vocab 1.0.XX” tab
- The Excel doc will be developed to include all vocabulary concept codes, their Source/Target relationships, and their properties

Export document name: “FASAMS Full Vocab 1.0.XX” columns:

- Column A:
  - Header: “**CodeSystemName**”
  - Pulled from: VocabularyModule.CodeSystemVersion.CodeSystemName
- Column B:

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- Header: "**FASAMSSConceptCode**"
- Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionCode where  
relationshiptypeconceptversioninternalname = 'validassociation'
- Column C:
  - Header: "**PamphletConceptCode**"
  - Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionCode where  
relationshiptypeconceptversioninternalname = 'validassociation'
    - Only display code to the right of the ','
- Column D:
  - Header: "**ConceptDisplayName**"
  - Pulled from: VocabularyModule.Term.ConceptVersionInternalName
- Column E:
  - Header: "**ConceptAbbreviation**"
  - Pulled from: VocabularyModule.Term.Name where TermTypeEnum = Abbreviation
  - Note: cell will be blank if not populated in database
- Column F:
  - Header: "**ValueSetGroup**"
  - Pulled from: VocabularyModule.ConceptVersionProperties.Value linked to Relationship.TargetConceptVersionKey
- Column G:
  - Header: "**ValueSetCode**"
  - Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionCode where  
relationshiptypeconceptversioninternalname = 'groupmember'
- Column H:
  - Header: "**ValueSetName**"
  - Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionInternalName  
where relationshiptypeconceptversioninternalname = 'groupmember'
- Column I:
  - Header: "**Property\_HelpText**"
  - Pulled from: VocabularyModule.ConceptVersionProperties.Value where [Name] = 'HelpText'
    - Note: cell will be blank if not populated in database
- Column J:
  - Header: "**Property\_EffectiveDate**"
  - Pulled from: VocabularyModule.ValueSet"MemberProperties.Value  
where [Name] IN ('EffectiveDate', 'Effective Date')

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- Note: cell will be blank if not populated in database
- Column K:
  - Header: “**Property\_ExpirationDate**”
  - Pulled from: VocabularyModule.ValueSetMemberProperties.Value where [Name] = ‘ExpirationDate’
    - Note: cell will be blank if not populated in database
- Column L:
  - Header: “**Property\_DeterminationDateRequired**”
  - Pulled from: VocabularyModule.ValueSetMemberProperties.Value where [Name] = ‘DeterminationDateRequired’
    - Note: cell will be blank if not populated in database
- Column M:
  - Header: “**Property\_PaymentType**”
  - Pulled from: VocabularyModule.ConceptVersionProperties.Value where [Name] = ‘PaymentType’
    - Note: cell will be blank if not populated in database
- Column N:
  - Header: “**Property\_UnitOfMeasure**”
  - Pulled from: VocabularyModule.ConceptVersionProperties.Value where [Name] = ‘UnitOfMeasure’
    - Note: cell will be blank if not populated in database
- Column O:
  - Header: “**Property\_ScoreRange**”
  - Pulled from: VocabularyModule.ConceptVersionProperties.Value where [Name] = ‘ScoreRange’
    - Note: cell will be blank if not populated in database
- Column P:
  - Header: “**TargetRelationshipValueSetName**”
  - Pulled from:  
VocabularyModule.Relationship.SourceConceptVersionInternalName  
where relationshiptypeconceptversioninternalname = ‘groupmember’
- Column Q:
  - Header: “**PamphletTargetRelationshipCode**”
  - Pulled from:  
VocabularyModule.Relationship.TargetConceptVersionCode where  
relationshiptypeconceptversioninternalname = ‘validassociation’
    - Only display code to the right of the ‘.’
- Column R:
  - Header: “**FASAMSTargetRelationshipCode**”

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- Pulled from:  
VocabularyModule.Relationship.TargetConceptVersionCode where  
relationshiptypeconceptversioninternalname = 'validassociation'
  - Note: cell will be blank if not populated in database
- Column S:
  - Header: "**TargetRelationshipName**"
  - Pulled from:  
VocabularyModule.Relationship.TargetConceptVersionInternalName  
where relationshiptypeconceptversioninternalname = 'validassociation'
    - Note: cell will be blank if not populated in database

Create guidance document that explains each column in the Full Vocabulary export to be provided to DCF and MEs

**2. Create FASAMS V14 Overall Job Performance report for UAT testing (14176)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.

Update report:

- Add new FASAMS Version 14 data sets to existing Overall Job Performance report

Access:

- The report should be available in the **Job Submission Performance** category under the Report tab.
- All users with a role that includes the **View Job Submission Performance Reports** permission will have access to this report

**3. Update Client Search report for UAT Testing (141177)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.

update report:

- Add new parameter to report:

- Parameter name: **FASAMS Version**

- Parameter dropdown options:

- Version 13
- Version 14

- Parameter will default to latest version of FASAMS

- Add new column to report:

- Column name: **FASAMS Version**

- Column will populate with either Version 13 or Version 14

- Version 13 populates if the record is pulled from ProviderClient table

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- Version 14 populates if the record is pulled from the ProviderClientVersion14 table
  - This will always default to the latest version of FASAMS

#### **4. Create Placement Record Exception report (14710)**

- DCF and Managing Entities need a way to identify when a placement record has not had a service event submitted against it based on a specified amount of time. A new report will be created to assist in the identification of placement records with no recent service event submissions.

Create “**Placement Record Exception**” report that will run off ODS tables

- This table should be able to return data in real time

Access:

- The report should be available in the Job Submission performance folder under the Report tab.
- Users whose role includes the “*View Job Submission Performance Reports*” permission should see this report

Report search criteria:

- Search criteria will display under the report name once report is run
  - “Submitting Entity” – single-selection Dropdown
    - Required
    - Should populate all Submitting Entities that the current user is associated with
    - Should return only Placement Records that were submitted by the selected Submitting Entities
  - “Provider” – multi-selection Dropdown
    - Required
    - Should populate all Providers that are associated with selected Submitting Entity
    - Should contain a “Select All” option which will select all Providers
      - “Select All” should be selected by default
    - Should return only clients who were submitted by the selected Submitting Entities
  - “Placement Code type” dropdown
    - Required
    - Should populate all PlacementCodes that are currently in the FASAMS vocabulary
    - Should contain a “Select All” option which will select all PlacementCodes
      - “Select All” should be selected by default.

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- “Number of Days w/o Service Event submitted against Placement Record”  
Dropdown
  - Optional
  - Dropdown selection options: ‘Null’, 1, 10, 15, 30, 90, 180, 270, 365
    - If the ‘Null’ option is selected then the report will return all Placement Records that satisfy the other selection criteria
    - If a Placement Record has no Service Events submitted against it, then the report will only pull Placement Records whose StartDate is older than the ‘Number of Days w/o Service Event submitted against Placement Record’ selected
- “Client SourceRecordIdentifier”
  - Optional
  - String field
  - Pulls from ProviderVersion14Module.ProviderClient table
  - Should operate similar to Client Search report
- “SSN”
  - Optional
  - String field
  - Pulls from ProviderVersion14Module.ProviderClientIdentifier table
  - Should operate similar to Client Search report
- “Pseudo SSN”
  - Optional
  - String field
  - Pulls from ProviderVersion14Module.ProviderClientIdentifier table
  - Should operate similar to Client Search report
- “Unique Client Identifier”
  - Optional
  - String field
  - Pulls from ProviderVersion14Module.ProviderClient table
  - Should operate similar to Client Search report
- “Active Placement Record Beginning Date Range”
  - Should return all active Placement records >= PlacementRecord.StartDate
  - Date picker
  - Includes a Null check box
  - Null check box is checked by default
- “Active Placement Record Ending Date Range”
  - Should return all active Placement records <= PlacementRecord.EndDate
  - Date picker
  - Includes a Null check box

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- Null check box is checked by default

The report should only return Placement Records whose Admission does not have a Discharge associated to it

The report should return all Placement Record SRIs, and their associated data in the below columns (in the below order):

- Submitting Entity
- Provider
- ProviderClientSourceRecordIdentifier
- Treatment Episode SRI
- Admission SRI
- Admission Date
- Placement Record SRI
- Placement Record Start Date
- Placement Code Type
- Days since last Service Event submission
- This is a calculation: (current date) – (last Service Event date submitted that references the Placement Record)

The generated report should contain the following standard component:

- Report Title: “Placement Record Exception”
- Report Criteria – lists all criteria that the report is run on (Req. 1.2)
- Report Table (Req. 1.3)
- The date and time when the report was generated: “Data as if <date and time>”

## 5. Build FASAMS Dimensional Model part 1 (14777)

- DCF needs a way to report on both FASAMS Version 13 and Version 14 data within the same reporting database. To achieve this, a unified reporting dimensional model database will be built which combines data from both versions of FASAMS.
  - Build all tables for Dimensional Model
  - Table name: BridgeServiceEventModifierGroup
    - Fields:
      - BridgeServiceEventModifierGroupkey
      - DimServiceEventModifierKey
      - DimServiceEventModifierGroupKey
      - CreatedTimestamp
      - LastUpdatedTimestamp
      - ExecutionKeyReference
  - Table name: DimAdmissionAttribute
    - Fields:
      - DimAdmissionAttributekey
      - IsCodependentCode

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- IsCodependentName
- ReferralSourceCode
- ReferralSourceName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimAdmissionIdentifier
  - Fields:
    - DimAdmissionIdentifierkey
    - AdmissionSourceRecordIdentifier
    - Version14AdmissionSourceRecordIdentifier
    - SourceAdmissionKeyReference
    - Version14SourceAdmissionKeyReference
    - AdmissionProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimAgeGroup
  - Fields:
    - DimAgeGroupkey
    - AgeGroupCode
    - AgeGroupName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimBedCapacityBedTypeIdentifier
  - Fields:
    - DimBedCapacityBedTypeIdentifierkey
    - BedCapacityBedTypeSourceRecordIdentifier
    - Version14BedCapacityBedTypeSourceRecordIdentifier
    - SourceBedCapacityBedTypeKeyReference
    - Version14SourceBedCapacityBedTypeKeyReference
    - BedCapacityBedTypeProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimBedCapacityIdentifier
  - Fields:
    - DimBedCapacityIdentifierkey
    - BedCapacitySourceRecordIdentifier
    - Version14BedCapacitySourceRecordIdentifier

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- SourceBedCapacityKeyReference
- Version14SourceBedCapacityKeyReference
- BedCapacityProviderSourceRecordIdentifier
- SourceSubmittingEntityKeyReference
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: DimBedType
  - Fields:
    - DimBedTypekey
    - BedTypeCode
    - BedTypeName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimBedUtilizationIdentifier
  - Fields:
    - DimBedUtilizationIdentifierkey
    - BedUtilizationSourceRecordIdentifier
    - Version14BedUtilizationSourceRecordIdentifier
    - SourceBedUtilizationKeyReference
    - Version14SourceBedUtilizationKeyReference
    - BedUtilizationProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimBudgetAttribute
  - Fields:
    - DimBudgetAttributekey
    - BudgetEntityCode
    - BudgetEntityName
    - CategoryCode
    - CategoryName
    - Description
    - FundIdCode
    - FundIdName
    - FundSourceCode
    - FundSourceName
    - GAAFRFundCode
    - GAAFRFundName
    - GAAFRFundStateFundFundId
    - ManagingEntityContractName

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- ManagingEntityContractNumber
- OrganizationLevel2Code
- OrganizationLevel2LongName
- OtherCostAccumulatorCode
- OtherCostAccumulatorName
- StateFundCode
- StateFundName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimClient
  - Fields:
    - DimClientkey
    - BirthDate
    - DisplayName
    - FirstName
    - LastName
    - MiddleInitial
    - PersonalIdentificationNumber
    - PersonalIdentificationNumberTypeIdentifier
    - SuffixName
    - SocialSecurityNumber
    - SoundexName
    - UniqueClientIdentifier
    - GenderCode
    - GenderDisplayName
    - RaceCode
    - RaceDisplayName
    - SourceClientKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimContract
  - Fields:
    - DimContractkey
    - AmendedAmount
    - AmendedEndDate
    - BeginDate
    - ContractFederalTaxIdentifier
    - ContractNumber
    - ContractorName
    - ContractTitle
    - ExecutionDate
    - OriginalAmount
    - OriginalEndDate

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- LastAmendmentDate
- LastAmendmentNumber
- SubmittingEntityKeyReference
- SourceContractKeyReference
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimContractOutcomeMeasureTargetIdentifier
  - Fields:
    - DimContractOutcomeMeasureTargetIdentifierkey
    - ContractOutcomeMeasureSourceRecordIdentifier
    - Version14ContractOutcomeMeasureSourceRecordIdentifier
    - SourceContractOutcomeMeasureKeyReference
    - Version14SourceContractOutcomeMeasureKeyReference
    - ContractOutcomeMeasureProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimContractOutputMeasureTargetIdentifier
  - Fields:
    - DimContractOutputMeasureTargetIdentifierkey
    - ContractOutputMeasureSourceRecordIdentifier
    - Version14ContractOutputMeasureSourceRecordIdentifier
    - SourceContractOutputMeasureKeyReference
    - Version14SourceContractOutputMeasureKeyReference
    - ContractOutputMeasureProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimCoveredService
  - Fields:
    - DimCoveredServicekey
    - CoveredServiceCode
    - CoveredServiceName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - [ExecutionKeyReference]
- Table name: DimDate
  - Fields:
    - DimDatekey
    - Date

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- Day
- Year
- QuarterOfTheYear
- MonthOfTheYear
- WeekOfTheYear
- DayOfTheYear
- DayOfTheWeek
- MonthName
- FiscalYear
- FiscalQuarter
- FiscalMonthNumber
- FiscalYearStartDate
- FiscalYearEndDate
- FederalFiscalYear
- FederalFiscalQuarter
- FederalFiscalMonthNumber
- FederalFiscalYearStartDate
- FederalFiscalYearEndDate
- MonthStartDate
- MonthEndDate
- YearStartDate
- YearEndDate
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimDiagnosis
  - Fields:
    - DimDiagnosiskey
    - CodeSetIdentifierCode
    - CodeSetIdentifier
    - DiagnosisCodeCode
    - DiagnosisCodeName
    - CodeSystemIdentifier
    - CodeSystemName
    - AdultWithMentalHealthProblemIndicator
    - SubstanceUseDisorderIndicator
    - ChildrenAtRiskOfMentalIllnessIndicator
    - SedEdIndicator
    - SpmiIndicator
    - AdultMentalHealthCrisisIndicator
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimDiagnosisIdentifier
  - Fields:

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- DimDiagnosisIdentifierkey
- DiagnosisSourceRecordIdentifier
- Version14DiagnosisSourceRecordIdentifier
- SourceDiagnosisKeyReference
- Version14SourceDiagnosisKeyReference
- DiagnosisProviderSourceRecordIdentifier
- SourceSubmittingEntityKeyReference
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- [SourceVersionName]
- Table name: DimDischargeAttribute
  - Fields:
    - DimDischargeAttributekey
    - DischargeDestinationCode
    - DischargeDestinationName
    - DischargeReasonCode
    - DischargeReasonName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimDischargeIdentifier
  - Fields:
    - DimDischargeIdentifierkey
    - DischargeSourceRecordIdentifier
    - Version14DischargeSourceRecordIdentifier
    - Version14SourceDischargeKeyReference
    - DischargeProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimEvaluationAttribute
  - Fields:
    - DimEvaluationAttributekey
    - ActualLevelCode
    - ActualLevelName
    - RecommendedLevelCode
    - RecommendedLevelName
    - ScoreCode
    - ScoreName
    - ToolCode
    - ToolName
    - EvaluationTypeCode

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- EvaluationTypeName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimEvaluationIdentifier
  - Fields:
    - DimEvaluationIdentifierkey
    - EvaluationSourceRecordIdentifier
    - Version14EvaluationSourceRecordIdentifier
    - SourceEvaluationKeyReference
    - Version14SourceEvaluationKeyReference
    - EvaluationProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimExpenditureOca
  - Fields:
    - DimExpenditureOcakey
    - ExpenditureOcaCode
    - ExpenditureOcaName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimFacilityType
  - Fields:
    - DimFacilityTypekey
    - FacilityTypeCode
    - FacilityTypeName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimImmediateDischargeIdentifier
  - Fields:
    - DimImmediateDischargeIdentifierkey
    - ImmediateDischargeSourceRecordIdentifier
    - Version14ImmediateDischargeSourceRecordIdentifier
    - Version14SourceImmediateDischargeKeyReference
    - ImmediateDischargeProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName

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- Table name: DimMedicaidEncounterType
  - Fields:
    - DimMedicaidEncounterTypekey
    - EncounterTypeName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimOutcomeMeasure
  - Fields:
    - DimOutcomeMeasurekey
    - OutcomeMeasureCode
    - OutcomeMeasureName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimPaymentMethod
  - Fields:
    - DimPaymentMethodkey
    - PaymentMethodCode
    - PaymentMethodName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimPaymentType
  - Fields:
    - DimPaymentTypekey
    - PaymentTypeCode
    - PaymentTypeName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimPayorClass
  - Fields:
    - DimPayorClasskey
    - PayorClassCode
    - PayorClassName
    - PayorClassGroupName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimPerformanceOutcomeMeasureAttribute
  - Fields:
    - DimPerformanceOutcomeMeasureAttributekey
    - MaritalStatusCode
    - MaritalStatusName

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- ResidenceCountyAreaCode
- ResidenceCountyAreaName
- VeteranStatusCode
- VeteranStatusName
- EducationGradeLevelCode
- EducationGradeLevelName
- EmploymentStatusCode
- EmploymentStatusName
- SchoolAttendanceStatusCode
- SchoolAttendanceStatusName
- SchoolSuspensionOrExpulsionStatusCodeCode
- SchoolSuspensionOrExpulsionStatusCodeName
- ChildWelfareInvolvedCode
- ChildWelfareInvolvedName
- DependentChildrenCode
- DependentChildrenName
- DisabilityIncomeStatusCode
- DisabilityIncomeStatusName
- HealthInsuranceCode
- HealthInsuranceName
- PrimaryIncomeSourceCode
- PrimaryIncomeSourceName
- PrimaryPaymentSourceCode
- PrimaryPaymentSourceName
- TemporaryAssistanceForNeedyFamiliesStatusCode
- TemporaryAssistanceForNeedyFamiliesStatusName
- ExpectedDeliveryDate
- ActualDeliveryDate
- BirthWeightPounds
- BirthWeightOunces
- AmericansWithDisabilitiesActDisabledStatusCode
- AmericansWithDisabilitiesActDisabledStatusName
- IntravenousSubstanceHistoryCode
- IntravenousSubstanceHistoryName
- PregnancyTrimesterCode
- PregnancyTrimesterName
- PregnantCode
- PregnantName
- RecentlyBecomePostpartumCode
- RecentlyBecomePostpartumName
- UnableToPerformDailyLivingActivitiesCode
- UnableToPerformDailyLivingActivitiesName
- BirthOutcomeCode
- BirthOutcomeName
- DrugFreeAtDeliveryCode

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- DrugFreeAtDeliveryName
- BakerActCrisisInterventionTrainedCode
- BakerActCrisisInterventionTrainedName
- BakerActMobileUnitCode
- BakerActMobileUnitName
- BakerActRoleCode
- BakerActRoleName
- BakerActRouteCode
- BakerActRouteName
- BakerActSchoolSettingCode
- BakerActSchoolSettingName
- ChildrenDependencyOrDelinquencyStatusCode
- ChildrenDependencyOrDelinquencyStatusName
- CompetencyStatusCode
- CompetencyStatusName
- DrugCourtOrderedCode
- DrugCourtOrderedName
- HasBeenCommittedToJuvenileJusticeCode
- HasBeenCommittedToJuvenileJusticeName
- IsLegallyIncompetentCode
- IsLegallyIncompetentName
- IsVoluntarilyInTreatmentCode
- IsVoluntarilyInTreatmentName
- LegalGuardianRelationshipCodeCode
- LegalGuardianRelationshipCodeName
- LegalStatusCode
- LegalStatusName
- MarchmanActTypeCode
- MarchmanActTypeName
- MeetsCriteriaForBakerActCode
- MeetsCriteriaForBakerActName
- MeetsCriteriaForMarchmanActCode
- MeetsCriteriaForMarchmanActName
- OrderingCountyAreaCode
- OrderingCountyAreaName
- MedicationAssistedOpioidTherapyCode
- MedicationAssistedOpioidTherapyName
- ReceivedPrescriptionsThroughIndigentDrugProgramCode
- ReceivedPrescriptionsThroughIndigentDrugProgramName
- ReceivedPrescriptionsThroughPatientAssistanceProgramCode
- ReceivedPrescriptionsThroughPatientAssistanceProgramName
- TakingAntipsychoticMedicationCode
- TakingAntipsychoticMedicationName
- HasRiskFactorsForEmotionalDisturbanceCode
- HasRiskFactorsForEmotionalDisturbanceName

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- MentalHealthProblemRiskCode
- MentalHealthProblemRiskName
- PrognosisStatusCode
- PrognosisStatusName
- SelfHelpGroupAttendanceFrequencyCode
- SelfHelpGroupAttendanceFrequencyName
- LivingArrangementCode
- LivingArrangementName
- LivingArrangementPositiveOutcomeIndicator
- PrimaryDisorderCode
- PrimaryDisorderName
- PrimaryRouteOfAdministrationCode
- PrimaryRouteOfAdministrationName
- PrimaryFrequencyOfUseCode
- PrimaryFrequencyOfUseName
- PrimaryUsedSubstanceFirstUseAge
- SecondaryDisorderCode
- SecondaryDisorderName
- SecondaryRouteOfAdministrationCode
- SecondaryRouteOfAdministrationName
- SecondaryFrequencyOfUseCode
- SecondaryFrequencyOfUseName
- SecondaryUsedSubstanceFirstUseAge
- TertiaryDisorderCode
- TertiaryDisorderName
- TertiaryRouteOfAdministrationCode
- TertiaryRouteOfAdministrationName
- TertiaryFrequencyOfUseCode
- TertiaryFrequencyOfUseName
- TertiaryUsedSubstanceFirstUseAge
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimPerformanceOutcomeMeasureIdentifier
  - Fields:
    - DimPerformanceOutcomeMeasureIdentifierkey
    - PerformanceOutcomeMeasureSourceRecordIdentifier
    - Version14PerformanceOutcomeMeasureSourceRecordIdentifier
    - Version14SourcePerformanceOutcomeMeasureKeyReference
    - PerformanceOutcomeMeasureProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- Table name: DimPlacementRecordAttribute
  - Fields:
    - DimPlacementRecordAttributekey
    - PlacementCode
    - PlacementName
    - PlacementOutcomeCode
    - PlacementOutcomeName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimPlacementRecordIdentifier
  - Fields:
    - DimPlacementRecordIdentifierkey
    - PlacementRecordSourceRecordIdentifier
    - Version14PlacementRecordSourceRecordIdentifier
    - Version14SourcePlacementRecordKeyReference
    - PlacementRecordProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimPopulation
  - Fields:
    - DimPopulationkey
    - PopulationCode
    - PopulationName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimProgramArea
  - Fields:
    - DimProgramAreakey
    - ProgramAreaCode
    - ProgramAreaName
    - SubstanceUseIndicator
    - MentalHealthIndicator
    - AdultIndicator
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimProject
  - Fields:
    - DimProjectkey
    - ProjectCode

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- ProjectName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimProvider
  - Fields:
    - DimProviderkey
    - FederalTaxIdentifier
    - ProviderName
    - ContractualRelationshipCode
    - ContractualRelationshipDisplayName
    - DimSubmittingEntityKeyReference
    - SubmittingEntityName
    - Version14SourceProviderKeyReference
    - SourceProviderKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimProviderClient
  - Fields:
    - DimProviderClientkey
    - BirthDate
    - FirstName
    - LastName
    - MiddleName
    - SourceRecordIdentifier
    - Version14SourceRecordIdentifier
    - SuffixName
    - UniqueClientIdentifier
    - ProviderName
    - EthnicityCode
    - EthnicityName
    - HispanicIndicator
    - GenderCode
    - GenderName
    - RaceCode
    - RaceName
    - UrsRaceName
    - PrimaryEmailAddress
    - SecondaryEmailAddress
    - TertiaryEmailAddress
    - MedicaidNumber
    - PseudoSocialSecurityNumber
    - SocialSecurityNumber

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- MobilePhoneNumber
- WorkPhoneNumber
- HomePhoneNumber
- MailingStreetAddress
- MailingCityName
- MailingPostalCode
- MailingStateCode
- MailingStateName
- MailingCountyAreaCode
- MailingCountyAreaName
- HomeStreetAddress
- HomeCityName
- HomePostalCode
- HomeStateCode
- HomeStateName
- HomeCountyAreaCode
- HomeCountyAreaName
- WorkStreetAddress
- WorkCityName
- WorkPostalCode
- WorkStateCode
- WorkStateName
- WorkCountyAreaCode
- WorkCountyAreaName
- DimSubmittingEntityKeyReference
- SubmittingEntityName
- SourceProviderClientKeyReference
- Version14SourceProviderClientKeyReference
- ProviderClientProviderSourceRecordIdentifier
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: DimProviderLicenseAttribute
  - Fields:
    - DimProviderLicenseAttributekey
    - AccreditingOrganizationCode
    - AccreditingOrganizationName
    - BakerActReceivingFacilityCode
    - BedTypeCode
    - BedTypeName
    - CountyCode
    - CountyName
    - FacilityTypeCode
    - FacilityTypeName

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- FederalTaxIdentifier
- LegalEntityType
- LicenseNumber
- LicenseEffectiveDate
- LicenseExpirationDate
- LicenseSiteIdentifier
- LicenseSourceName
- LicenseStatusCode
- LicenseStatusEffectiveDate
- LicenseStatusName
- ProfitStatusCode
- ProfitStatusName
- ServiceTypeCode
- ServiceTypeName
- OriginalLicenseDate
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimProviderSite
  - Fields:
    - DimProviderSiteKey
    - CloseDate
    - DirectorFirstName
    - DirectorLastName
    - DirectorMiddleInitial
    - DirectorPhoneNumber
    - DirectorPrefixName
    - DirectorDisplayName
    - NationalProviderIdentifier
    - OpenDate
    - SiteIdentifier
    - SiteName
    - WebAddress
    - ProviderName
    - LicenseTypeCode
    - LicenseTypeDisplayName
    - DcfPladsSystemSiteIdentifier
    - DcfPladsSystemSiteIdentifierValidIndicator
    - AhcaLicensureInformationSystemSiteIdentifier
    - AhcaLicensureInformationSystemSiteIdentifierValidIndicator
    - MailingStreetAddress
    - MailingCityName
    - MailingPostalCode
    - MailingStateCode
    - MailingStateName

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- MailingCountyAreaCode
- MailingCountyAreaName
- ServiceLocationStreetAddress
- ServiceLocationCityName
- ServiceLocationPostalCode
- ServiceLocationStateCode
- ServiceLocationStateName
- ServiceLocationCountyAreaCode
- ServiceLocationCountyAreaName
- FaxPhoneNumber
- MainOfficePhoneNumber
- DimSubmittingEntityKeyReference
- SubmittingEntityName
- SourceProviderSiteKeyReference
- Version14SourceProviderSiteKeyReference
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: DimProviderSiteAssociationIdentifier
  - Fields:
    - DimProviderSiteAssociationIdentifierKey
    - SourceProviderTreatmentSettingProgramAreaKeyReference
    - Version14SourceProviderSiteCoveredServiceKeyReference
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimProviderTreatmentEpisodeIdentifier
  - Fields:
    - DimProviderTreatmentEpisodeIdentifierKey
    - ProviderTreatmentEpisodeSourceRecordIdentifier
    - SourceProviderTreatmentEpisodeKeyReference
    - Version14ProviderTreatmentEpisodeSourceRecordIdentifier
    - Version14SourceProviderTreatmentEpisodeKeyReference
    - ProviderTreatmentEpisodeProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimServiceCategory
  - Fields:
    - DimServiceCategoryKey

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- ServiceCategoryCode
- ServiceCategoryName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimServiceEventAttribute
  - Fields:
    - DimServiceEventAttributeKey
    - FundCode
    - FundName
    - HcpcsProcedureCode
    - HcpcsProcedureName
    - ServiceCountyAreaCode
    - ServiceCountyAreaName
    - ServiceEventTypeCode
    - ServiceEventTypeName
    - TreatmentLocaleCode
    - TreatmentLocaleName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimServiceEventIdentifier
  - Fields:
    - DimServiceEventIdentifierKey
    - ServiceEventSourceRecordIdentifier
    - Version14ServiceEventSourceRecordIdentifier
    - SourceServiceEventKeyReference
    - Version14SourceServiceEventKeyReference
    - ServiceEventProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimServiceEventModifier
  - Fields:
    - DimServiceEventModifierKey
    - CoveredServiceModifierCode
    - CoveredServiceModifierName
    - ExpenditureModifierCode
    - ExpenditureModifierName
    - HcpcsModifierCode
    - HcpcsModifierName
    - CreatedTimestamp
    - LastUpdatedTimestamp

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- ExecutionKeyReference
- Table name: DimServiceEventModifierGroup
  - Fields:
    - DimServiceEventModifierGroupKey
    - ServiceEventModifierList
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimServiceSetting
  - Fields:
    - DimServiceSettingKey
    - ServiceSettingName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimStaff
  - Fields:
    - DimStaffKey
    - StaffIdentifier
    - StaffEducationLevelCode
    - StaffEducationLevelName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimSubcontract
  - Fields:
    - DimSubcontractKey
    - SubcontractSourceRecordIdentifier
    - Version14SubcontractSourceRecordIdentifier
    - AmendmentDate
    - AmendmentNumber
    - EffectiveDate
    - ExpirationDate
    - SubcontractNumber
    - ContractNumber
    - ProviderName
    - SubcontractTypeCode
    - SubcontractTypeName
    - SubmittingEntityKeyReference
    - SourceSubContractKeyReference
    - Version14SourceSubContractKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- Table name: DimSubcontractOcalIdentifier
  - Fields:
    - DimSubcontractOcalIdentifierKey
    - Version14SubcontractOcaSourceRecordIdentifier
    - Version14SourceSubcontractOcaKeyReference
    - SubcontractOcaProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - FirstSourceSubcontractServiceKeyReference
    - LastSourceSubcontractServiceKeyReference
    - FirstSubcontractServiceSourceRecordIdentifier
    - LastSubcontractServiceSourceRecordIdentifier
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimSubcontractOutcomeMeasureTargetIdentifier
  - Fields:
    - DimSubcontractOutcomeMeasureTargetIdentifierKey
    - SubcontractOutcomeMeasureSourceRecordIdentifier
    - Version14SubcontractOutcomeMeasureSourceRecordIdentifier
    - SourceSubcontractOutcomeMeasureKeyReference
    - Version14SourceSubcontractOutcomeMeasureKeyReference
    - SubcontractOutcomeMeasureProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimSubcontractOutputMeasureTargetIdentifier
  - Fields:
    - DimSubcontractOutputMeasureTargetIdentifierKey
    - SubcontractOutputMeasureSourceRecordIdentifier
    - Version14SubcontractOutputMeasureSourceRecordIdentifier
    - SourceSubcontractOutputMeasureKeyReference
    - Version14SourceSubcontractOutputMeasureKeyReference
    - SubcontractOutputMeasureProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: DimSubcontractServiceIdentifier
  - Fields:
    - DimSubcontractServiceIdentifierKey
    - SubcontractServiceSourceRecordIdentifier

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- Version14SubcontractServiceSourceRecordIdentifier
- SourceSubcontractServiceKeyReference
- Version14SourceSubcontractServiceKeyReference
- SubcontractServiceProviderSourceRecordIdentifier
- SourceSubmittingEntityKeyReference
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: DimSubmittingEntity
  - Fields:
    - DimSubmittingEntityKey
    - SubmittingEntityName
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimTreatmentSetting
  - Fields:
    - DimTreatmentSettingKey
    - TreatmentSettingCode
    - TreatmentSettingName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimUnitOfMeasure
  - Fields:
    - DimUnitOfMeasureKey
    - UnitOfMeasureCode
    - UnitOfMeasureName
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: DimWaitingListAttribute
  - Fields:
    - DimWaitingListAttributeKey
    - ActualLevelOfCareCode
    - ActualLevelOfCareName
    - HomelessCode
    - HomelessName
    - IntravenousDrugUseCode
    - IntravenousDrugUseName
    - LevelOfCareEvaluationToolCode
    - LevelOfCareEvaluationToolName
    - PregnantCode

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- PregnantName
- RecommendedLevelOfCareCode
- RecommendedLevelOfCareName
- OutcomeCode
- OutcomeName
- ChildWelfareInvolvedCode
- ChildWelfareInvolvedName
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- Table name: DimWaitingListIdentifier
  - Fields:
    - DimWaitingListIdentifierKey
    - WaitingListSourceRecordIdentifier
    - Version14WaitingListSourceRecordIdentifier
    - SourceWaitingListKeyReference
    - Version14SourceWaitingListKeyReference
    - WaitingListProviderSourceRecordIdentifier
    - SourceSubmittingEntityKeyReference
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactAdmission
  - Fields:
    - FactAdmissionKey
    - DimAdmissionIdentifierKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - AdmissionDimDateKey
    - DimSubmittingEntityKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimContractKey
    - DimSubcontractKey
    - DimAdmissionAttributeKey
    - DimTreatmentSettingKey
    - DimProgramAreaKey
    - DimStaffKey
    - DimPlacementRecordAttributeKey
    - PlacementRecordStartDimDateKey
    - PlacementRecordEndDimDateKey
    - DaysWaitingToEnterTreatmentNumber
    - AdmissionCount

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- DischargeCount
- DimDischargeIdentifierKey
- DischargeDimDateKey
- DischargeLastContactDimDateKey
- DimDischargeAttributeKey
- DischargeDimStaffKey
- DaysInAdmissionNumber
- AdmissionProviderClientAge
- DischargeProviderClientAge
- DimPlacementRecordIdentifierKey
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactBedCapacity
  - Fields:
    - FactBedCapacityKey
    - DimBedCapacityIdentifierKey
    - DimProviderKey
    - DimContractKey
    - DimSubcontractKey
    - BedCapacityEffectiveDimDateKey
    - DimAgeGroupKey
    - DimFacilityTypeKey
    - DimSubmittingEntityKey
    - OperationalBedCount
    - PurchasedBedCount
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactBedProviderLicense
  - Fields:
    - FactBedProviderLicenseKey
    - DimProviderKey
    - DimProviderLicenseAttributeKey
    - LicenseEffectiveDimDateKey
    - LicenseExpirationDimDateKey
    - LicenseStatusEffectiveDimDateKey
    - OriginalLicenseDimDateKey
    - LicensedBedCount
    - DimFacilityTypeKey
    - DimAgeGroupKey
    - SourceProviderLicensingInformationKeyReference
    - CreatedTimestamp

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactBedTypeCapacity
  - Fields:
    - FactBedTypeCapacityKey
    - DimBedCapacityBedTypeIdentifierKey
    - DimProviderKey
    - DimContractKey
    - DimSubcontractKey
    - BedCapacityEffectiveDimDateKey
    - DimAgeGroupKey
    - DimFacilityTypeKey
    - DimBedTypeKey
    - DimSubmittingEntityKey
    - OperationalBedCount
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactBedUtilization
  - Fields:
    - FactBedUtilizationKey
    - DimBedUtilizationIdentifierKey
    - DimProviderKey
    - DimContractKey
    - DimSubcontractKey
    - BedUtilizationCensusDimDateKey
    - DimAgeGroupKey
    - DimFacilityTypeKey
    - DimPayorClassKey
    - BeginningCensusIndigentClientCount
    - DischargedIndigentClientCount
    - NewAdmissionIndigentClientCount
    - UnoccupiedBedCount
    - OccupiedBedCount
    - DimSubmittingEntityKey
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactBudget
  - Fields:
    - FactBudgetKey
    - DimBudgetAttributeKey

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- DimContractKey
- TransactionDimDateKey
- StateFiscalYearDimDateKey
- MachineGeneratedDimDateKey
- AppropriationAmount
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactDiagnosis
  - Fields:
    - FactDiagnosisKey
    - DimDiagnosisIdentifierKey
    - StartDimDateKey
    - EndDimDateKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - DimDiagnosisKey
    - DimSubmittingEntityKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimContractKey
    - DimSubcontractKey
    - DimStaffKey
    - DiagnosisCount
    - DimAdmissionIdentifierKey
    - DimDischargeIdentifierKey
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactEvaluation
  - Fields:
    - FactEvaluationKey]
    - DimEvaluationIdentifierKey]
    - DeterminationDimDateKey]
    - EvaluationDimDateKey]
    - ScoreNumber]
    - DimProviderTreatmentEpisodeIdentifierKey]
    - DimSubmittingEntityKey]
    - DimClientKey]
    - DimProviderClientKey]
    - DimProviderKey]
    - DimProviderSiteKey]

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- DimContractKey]
- DimSubcontractKey]
- DimStaffKey]
- DimEvaluationAttributeKey]
- ProviderClientAge]
- EvaluationCount]
- DimAdmissionIdentifierKey]
- DimDischargeIdentifierKey]
- CreatedTimestamp]
- LastUpdatedTimestamp]
- ExecutionKeyReference]
- SourceVersionName]
- Table name: FactImmediateDischarge
  - Fields:
    - FactImmediateDischargeKey
    - DimImmediateDischargeIdentifierKey
    - EvaluationDimDateKey
    - DimStaffKey
    - DimSubmittingEntityKey
    - DimProviderSiteKey
    - DimContractKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - DimProgramAreaKey
    - ReferredToDimCoveredServiceKey
    - ReferredToDimProjectKey
    - RefererredToDimTreatmentSettingKey
    - ProviderClientAge
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactMedicaidEncounter
  - Fields:
    - FactMedicaidEncounterKey
    - DimClientKey
    - DimProviderClientKey
    - EncounterDimDateKey
    - DimMedicaidEncounterTypeKey
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
- Table name: FactOutcomeMeasureTarget
  - Fields:

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- FactOutcomeMeasureTargetKey
- DimSubcontractOutcomeMeasureTargetIdentifierKey
- DimContractOutcomeMeasureTargetIdentifierKey
- DimSubcontractKey
- DimProviderKey
- DimOutcomeMeasureKey
- DimProgramAreaKey
- DimSubmittingEntityKey
- TargetValue
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactOutputMeasureTarget
  - Fields:
    - FactOutputMeasureTargetKey
    - DimSubcontractOutputMeasureTargetIdentifierKey
    - DimContractOutputMeasureTargetIdentifierKey
    - FiscalYearStartDimDateKey
    - DimServiceCategoryKey
    - DimProgramAreaKey
    - DimSubcontractKey
    - DimProviderKey
    - DimContractKey
    - DimSubmittingEntityKey
    - TargetPersonsServedCount
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactPerformanceOutcomeMeasure
  - Fields:
    - FactPerformanceOutcomeMeasureKey
    - DimPerformanceOutcomeMeasureIdentifierKey
    - PerformanceOutcomeMeasureDimDateKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - DimPerformanceOutcomeMeasureAttributeKey
    - DimSubmittingEntityKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimContractKey
    - DimSubcontractKey
    - DimStaffKey

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- InitialPerformanceOutcomeMeasureIndicator
- PerformanceOutcomeMeasureCount
- DaysWorkedInLast30DaysNumber
- SchoolDaysAttendedInLast90DaysNumber
- SchoolDaysAvailableInLast90DaysNumber
- AnnualFamilyIncomeAmount
- AnnualPersonalIncomeAmount
- DependentsCount
- FamilySizeNumber
- ArrestsInLast30DaysNumber
- DaysSpentInCommunityInLast30DaysNumber
- ProviderClientAge
- DimAdmissionIdentifierKey
- DimDischargeIdentifierKey
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactProviderSiteAssociation
  - Fields:
    - FactProviderSiteAssociationKey
    - DimProviderSiteAssociationIdentifierKey
    - DimSubmittingEntityKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimTreatmentSettingKey
    - DimCoveredServiceKey
    - DimProgramAreaKey
    - ProviderSiteAssociationCount
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactProviderTreatmentEpisode
  - Fields:
    - FactProviderTreatmentEpisodeKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - DimProviderKey
    - DimClientKey
    - DimProviderClientKey
    - DimSubmittingEntityKey
    - AdmissionOrImmediateDischargeDimDateKey
    - ProviderTreatmentEpisodeCount
    - CreatedTimestamp
    - LastUpdatedTimestamp

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- ExecutionKeyReference
- SourceVersionName
- Table name: FactServiceEvent
  - Fields:
    - FactServiceEventKey
    - DimServiceEventIdentifierKey
    - InvoicedDimDateKey
    - InvoiceNumber
    - PaidDimDateKey
    - PaymentReferenceNumber
    - ServiceDimDateKey
    - StartTime
    - DimSubmittingEntityKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimContractKey
    - DimSubcontractKey
    - DimStaffKey
    - DimProgramAreaKey
    - DimCoveredServiceKey
    - DimServiceEventAttributeKey
    - DimProjectKey
    - DimTreatmentSettingKey
    - DimExpenditureOcaKey
    - DimServiceEventModifierGroupKey
    - DimServiceCategoryKey
    - ActualPaymentRateAmount
    - ServiceUnitCount
    - MostRecentNonAdmissionDimPerformanceOutcomeMeasureIdentifierKey
    - DimProviderTreatmentEpisodeIdentifierKey
    - DimImmediateDischargeIdentifierKey
    - DimAdmissionIdentifierKey
    - DimPlacementRecordIdentifierKey
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactSubcontractOca
  - Fields:
    - FactSubcontractOcaKey
    - DimSubcontractOcalIdentifierKey
    - DimSubmittingEntityKey
    - DimSubcontractKey

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- DimContractKey
- DimProviderKey
- DimExpenditureOcaKey
- TotalSubcontractedOcaAmount
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: FactSubcontractService
  - Fields:
    - FactSubcontractServiceKey
    - DimSubcontractServiceIdentifierKey
    - DimSubmittingEntityKey
    - DimSubcontractKey
    - DimContractKey
    - DimProviderKey
    - DimExpenditureOcaKey
    - DimCoveredServiceKey
    - DimProgramAreaKey
    - DimProjectKey
    - DimUnitOfMeasureKey
    - DimPaymentTypeKey
    - DimPaymentMethodKey
    - EffectiveDimDateKey
    - ExpirationDimDateKey
    - PaymentRatePerUnitAmount
    - ContractedAmount
    - CreatedTimestamp
    - LastUpdatedTimestamp
    - ExecutionKeyReference
    - SourceVersionName
- Table name: FactWaitingList
  - Fields:
    - FactWaitingListKey
    - DimWaitingListIdentifierKey
    - LevelOfCareEvaluationDimDateKey
    - OutcomeDimDateKey
    - PlacementDimDateKey
    - DimSubmittingEntityKey
    - DimClientKey
    - DimProviderClientKey
    - DimProviderKey
    - DimProviderSiteKey
    - DimContractKey
    - DimSubcontractKey

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
**{released to UAT 10/01/2020, released to PROD 10/31/2020}**

- DimWaitinglistAttributeKey
- DimProgramAreaKey
- DimCoveredServiceKey
- DimTreatmentSettingKey
- DimProjectKey
- WaitingListCount
- CreatedTimestamp
- LastUpdatedTimestamp
- ExecutionKeyReference
- SourceVersionName
- Table name: AuthorizedSubmittingEntitiesBySystemAccount
  - Fields:
    - AuthorizedSubmittingEntitiesBySystemAccountKey
    - SystemAccountKeyReference
    - Identifier
    - SubmittingEntityKeyReference
    - DimSubmittingEntityKey

## 6. Create XML For Client Narrative (14823)

- DCF needs a suite of XML files created based on a fictitious client timeline. These files will assist DCF and the MEs in their testing of the new FASAMS Version 14.
  - Create XMLs based on the timeline in 1.1

### TIMELINE

- 16 May 2018 : John Smith placed in CSU at Anytown Behavioral Health as indigent for suicidality
  - Biopsychosocial completed 17 May 2018
    - Diagnosis: Substance Abuse Disorder (F10.12)
  - FARS completed 18 May 2018
    - Referred to outpatient SA services
    - Identity confirmed, client has BlueCross/BlueShield
    - Client discharged with referral to outpatient SA services
- 8 June 2018: John re-arrested for fighting
  - Loses job and insurance due to arrest
  - Released under court supervision with random UA's
- 16 June 2018 : John enters Outpatient SA Treatment
  - SASSI-2 – diagnosis: Alcohol Abuse Disorder (F10.122)
- 3 July 2018 - Life Event Checklist (LEC), Generalized Anxiety Disorder-7 (GAD-7) and the Patient Health Questionnaire (PHQ-9) completed by outpatient therapist
  - Diagnosis : Cyclothymic Disorder (F34.0)
- 15 August 2018 : Outpatient Treatment completed
  - LOCUS completed at this time
- 22 October 2019 : FIT assigned to client and his family
  - DLA-20 completed at this time

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- Children's Home Society case manager assigned
- 25 October 2019 : John enters detox (3 days)
- 2 November 2019 : John exits detox (3 days)
- 9 January 2020 : John enters detox (3 days) (*John meets care coordination criteria – 3 detox events in last 90 days*)
- 20 January 2020 : John enters inpatient rehabilitation (Co-Occurring Disorder Program)
- 3 March 2020 : John exits inpatient rehabilitation
- 22 April 2020 : John assigned a case manager from Anytown Behavioral Health
- 23 April 2021 : John discharged from services; no final assessment completed

**7. Update MCI Interface to Include V14 Tables (15481)**

- DCF needs the MCI interface to be updated to include both V13 and V14 tables from FASAMS.
  - Create new MCI interface specifically for Version 14 ProviderClient data submissions.  
Fields to be included from the ProviderClient Version 14 will be:
    - SSN
    - First Name - Required
    - Last Name - Required
    - Middle Initial
    - Name Suffix
    - Date of Birth - Required
    - Gender – Required
  - Populate ProviderClient Version 14 UCI with Client table is populated inw th UCI

- Order by Version number descending
- Add 'History' icon to the left of vocabulary search bar:
- Add Tooltip that says, "View Past Versions" when the curser hovers over the icon
- When the user clicks on this icon the hidden vocabulary versions will no longer be hidden and can be scrolled through using the scroll bar
- The order of the versions will be as follows:
- Update to be version desc
- The "History toggle off" icon will appear when past versions are visible
- Clicking on the icon will return the Vocab list to the previous order described in requirement 1.0
- Create column on Vocabulary tile with vertical ellipses on each row
- Drop down menu will display on screen when the user clicks on the vertical ellipse for any data set

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- List items on drop down menu:
- “Export Simple Vocabulary” – clicking this will download the Excel doc described in requirements 2.1 and 2.1.1
- “Export Full Vocabulary” – clicking this will download the Excel doc defined in requirements 2.2 and 2.2.1
- 
- 
- 1. Create new Treatment Episode Failed Record report
  - Report will use code from Failed Record report
    - Report code to be updated to only return Treatment Episode errors
- Title: ‘Failed Record: Treatment Episode’
- Report will be placed under the Job Submission Performance report category
- Update the “Beginning Failure Created Date” parameter to default to the first day of the month
- Remove the following parameters from report:
  - Parameter name: “Data Set Type”
  - Parameter name: “Error Fix Timeframe In Days”
- Add new parameter to report:
  - Parameter name: FASAMS Version
    - Parameter dropdown options:
      - Version 13
      - Version 14
    - The parameter will default to the latest version of FASAMS
- Report results
- Add the following column between the ‘Created Timestamp’ and ‘Error Message’ columns
  - ‘ProviderTreatmentEpisode SRI’
    - Shows the ProviderTreatmentEpisode SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank
  - ‘Admission SRI’
    - Shows the Admission SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank
  - ‘PlacementRecord SRI’
    - Shows the PlacementRecord SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank
      - **Note:** this column will not be shown if ‘FASAMS Version 13’ parameter has been selected
  - ‘PerformanceOutcomeMeasure SRI’
    - Shows the PerformanceOutcomeMeasure SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank
  - ‘Discharge SRI’
    - Shows the Discharge SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank
  - ‘Evaluation SRI’
    - Shows the Evaluation SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank

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- ‘Diagnosis SRI’
  - Shows the Diagnosis SRI associated with the origin of the error returned
  - If the SRI is not used to identify the error origin, the field will be left blank
- ‘ImmediateDischarge SRI’
  - Shows the ImmediateDischarge SRI associated with the origin of the error returned
    - If the SRI is not used to identify the error origin, the field will be left blank

**2. Create Service Event Failed Record report (11540)**

- The Managing Entities have expressed that a Service Event specific Failed Record report will aid in the resolution of Service Event submission errors in the FASAMS. The Managing Entities need a more direct way to pull SRIs from the report export. This new Service Event Failed Record report will include the ServiceEvent SRI with regard to the error origin. The report will also now be filterable by FASAMS version.
  - Create new Service Event Failed Record report
    - Report will use code from Failed Record report
      - Report code to be updated to only return Service Event errors
  - Report results
    - Add the following column between the ‘Created Timestamp’ and ‘Error Message’ columns
      - ServiceEvent SRI
        - Shows the Service Event SRI associated with the origin of the error returned

**3. Create Error numbering system and Root Cause Error Identification (11771)**

- DCF and the DAC has identified two changes to be made to the FASAMS error messaging to enhance the usability of FASAMS error messages. First, each error message is to be assigned a number to allow for quick identification of the error. Second, each error message should include a Root Cause addition to the message itself which identifies the origin of the error being displayed.
  - Assign Message numbers to all errors and warnings
  - Programmatically create numbering system with the data set number as the predecessor of the Message number. An “e” or a “w” will be used in the message number to indicate if the message is for an error or a warning.
    - Error numbering examples by data set:
      - Provider: 3e00001 or 3w00002
      - Client: 4e00001 or 4w00002
      - Treatment Episode: 5e00001 or 5w00002
      - Service Event: 6e00001 or 6w00002
      - Waiting List: 7e00001 or 7w00002
      - Acute Care: 8e00001 or 8w00002
      - Subcontract: 9e00001 or 9w00002
      - Contract: 10e00001 or 10w00002
      - Core rules: 0e00001 or 0w00002
  - Add Root Cause language to all error messages (Note: to be done by Business Analyst)

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- Create Excel document with the following columns:
  - DataSetType, DataSetVersion, MessageNumber, MessageType, Message
  - Note: this will be used to populate the SubmissionModule.Message table in step 3.2
- Create Message table under SubmissionModule
  - Table name:
    - **SubmissionModule.Message**
- Columns in table,
  - Column Name: **MessageKey**
    - Autogenerated field
  - Column Name: **MessageNumber**
  - Column Name: **MessageType**
    - Error or Warning
  - Column Name: **MessageText**
- Create script to load Messages into table at deployment
- Columns will be populated after Message Numbers applied (section 2) to messages
- Replace hardcoded error messages in code with new Message numbers
  - When an error occurs, the error message number will be used to reference the correct error message to be provided to the end user via the Portal or error report
- Create SUBMISSIONMODULE.MESSAGE look up based on Message Number in code
- Add new column to **SubmissionModule.JobError**
  - Column Name: **MessageNumber**
- Add new column to SubmissionModule.JobWarning
  - Column Name: MessageNumber
- Update list item
  - “Export Rules” becomes “Export Rules/Error Messages”
    - “Export Rules/Error Messages” – clicking this will download a Rule/Error Messages Export Excel document – defined in section 3.2
- Columns 1-3 will not change
- New Columns
  - Column D:
    - Column name: “Message Number”
    - To be populated from ErrorMessageModule.ErrorNumber column from correlating data set
  - Column E:
    - Column name: “Message Type”
    - Will be populated as “Error” or “Warning” based on MessageType
  - Column F:
    - Column name: “Message”
    - To be populated from SubmissionModule.Message column from correlating data set

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
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- Add new columns to Entity Errors section of Job Detail screen:
  - Column name: **SourceRecordIdentifier**
    - The column will be located to the left of 'Source' column (2nd column)
    - The column will be populated by the root level SRI for the record
  - Column name: **ProviderSourceRecordIdentifier**
    - The column will be located to the left of the 'SourceRecordIdentifier' column (3rd column)
    - The column will be populated with the ProviderSourceRecordIdentifier field that corresponds to the root level SRI for the record
      - If the ProviderSourceRecordIdentifier was not provided or if the record is from a Version 13 submission, then the column will show 'N/A'
  - Column name: **Message Number**
    - The column will be located to the left of the 'Message' column (5th column)
    - The column will be populated with the message number for the corresponding Message
- Add new columns to the Job Detail Excel download:
  - Column name: **SourceRecordIdentifier**
    - The column will be located to the left of 'Source' column (column F)
    - The column will be populated by the root level SRI for the record
  - Column name: **ProviderSourceRecordIdentifier**
    - The column will be located to the left of the 'SourceRecordIdentifier' column (column G)
    - The column will be populated with the ProviderSourceRecordIdentifier field that corresponds to the root level SRI for the record
      - If the ProviderSourceRecordIdentifier was not provided or if the record is from a Version 13 submission, then the column will show 'N/A'
  - Column name: **Message Number**
    - The column will be located to the left of the 'Message' column (column J)
    - The column will be populated with the message number for the corresponding Message
- Add new columns to Entity Errors section of Job Detail PDF download:
  - Column name: **SourceRecordIdentifier**
    - The column will be located to the left of 'Source' column (2<sup>nd</sup> column)
    - The column will be populated by the root level SRI for the record
  - Column name: **ProviderSourceRecordIdentifier**
    - The column will be located to the left of the 'SourceRecordIdentifier' column (3<sup>rd</sup> column)
    - The column will be populated with the ProviderSourceRecordIdentifier field that corresponds to the root level SRI for the record

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
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- If the ProviderSourceRecordIdentifier was not provided or if the record is from a Version 13 submission, then the column will show 'N/A'

- Column name: **Message Number**

- The column will be located to the left of the 'Message' column (5<sup>th</sup> column)
- The column will be populated with the message number for the corresponding Message

**4. Update Failed Record for V14 (14173)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - Update report:
    - Add new FASAMS Version 14 data sets to existing Failed Record report
  - Access:
    - The report should be available in the Job Submission Performance category under the Report tab.
    - All users with a role that includes the View Job Submission Performance Reports permission will have access to this report

**5. Verify Submission Summary for V14 (14174)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - QA team will verify report is showing all data submitted during V14 testing

**6. Verify Submission Rollup for V14 (14175)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - QA team will verify report is showing all data submitted during V14 testing

**7. Update Client UCIs for V14 (14178)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - update report:
    - Add new parameter to report:
      - Parameter name: FASAMS Version
      - Parameter dropdown options:
        - Version 13
        - Version 14
      - Parameter will default to latest version of FASAMS
    - Add new column to report:
      - Column name: FASAMS Version
      - Column will populate with either Version 13 or Version 14
      - Version 13 populates if the record is pulled from ProviderClient table
      - Version 14 populates if the record is pulled from the ProviderClientVersion14 table
      - This will always default to the latest version of FASAMS

**Summary of Enhancements 2020.10.0 (Q1 2020-2021)**  
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**8. Verify User Account Security for V14 (14179)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - QA team will verify report is showing all data as expected

**9. Verify Submission Performance for V14 (14182)**

- Managing Entities need the ability to run reports for errors during their testing of FASAMS Version 14 in the UAT environment.
  - QA team will verify report is showing all data submitted during V14 testing