DAIMS v1.2 Final Release

December 22, 2017

The DATA Act Information Model Schema (DAIMS) Version 1.2 is a minor release that implements policy requirements, promotes additional data standardization, addresses agency feedback, and reduces agency burden. It will be implemented for production in the DATA Act Broker Submission (DABS) and Financial Assistance Broker Submission (FABS) for Fiscal Year 2018 Quarter 3 data submissions.

On September 27, 2017, we released a draft version of the DAIMS Reporting Submission Specification (RSS) and Practice and Procedures (P&P); on October 31, 2017, we released a draft version of the Interface Definition Document (IDD) and Validation Rules. We issued a formal request for feedback from agencies, the Office of Management and Budget (OMB) and other stakeholders on these draft releases, and responded to and incorporated (where appropriate) the feedback into this final version.

For this release, we have deferred some changes and re-categorized it as minor, renaming it Version 1.2.

The following data elements and functionality will be evaluated for future consideration:
- the Intragovernmental Requesting Treasury Account Symbol (TAS)
- the Award Modification/Amendment Number in File C
- the FinancialTransactionDateTime
- the FinancialTransactionID
- the Funding Opportunity Number
- the ability to submit multiple Catalog of Federal Domestic Assistance (CFDA) Programs

We have finalized the following enhancements, which are reflected in the RSS, IDD, P&P and Validation Rules document. For additional detail, see the documents themselves; they can be found at https://community.max.gov/x/Dwn4Tg.

General DATA Act Information Model Schema (DAIMS) Changes
- Revised the order of data elements in all files so that related elements are better grouped (see RSS and IDD Column A Structured Sort Order). However, **this does not require any changes to the submission files**, as data elements can be submitted in any order that agencies prefer, as long as the content/value rows are in the same order as the header row.
- Consolidated shortened data element names from a previously separate document into the RSS and IDD. These shortened labels are DAIMS-compatible while meeting database system length restrictions on element names. They are now a column within the RSS and IDD for easier access.
- Consolidated Domain Values from a previously separate document. They are now a tab within the RSS and IDD for easier access.
- Updated the RSS and IDD Overview tabs for clarity and accuracy. Updates include descriptions of FABS file submissions, structured sort order categories, revisions to the DATA Act Element Relationships Diagram, and links to the Data Model Diagrams.

DATA Act Broker Quarterly Submission Files A, B, C and Related Validation Rules
- Renamed *BudgetAuthorityAvailableAmountTotal_CPE* to *TotalBudgetaryResources_CPE* in File A to better match with SF 133 Report on Budget Execution line items. Updated validations so that the Broker accepts either name without triggering validation errors.

Financial Assistance Broker Submission (FABS) and Related Validation Rules
- Added a new RSS file titled FABS that describes FABS submission files. Previously, the DAIMS-compatible financial assistance submissions specifications had been provided through the IDD-D2. Because FABS submissions take place within the Broker itself, we provided these specifications directly in the RSS for consistency.

- Implemented the requirement from OMB M-17-04 Additional Guidance for DATA Act Implementation to support statewide and personally identifiable information (PII) redacted individual awards in financial assistance reporting and updated validation rules to reflect this change.
- Modified the validation of Legal Entity ZIP+4 and Legal Entity Congressional District based on agency feedback. Added Legal Entity Congressional District as a conditionally-required field when Legal Entity ZIP is provided with only 5 digits (for non-aggregate and domestic records).
- Allowed congressional districts created under the 2000 census or later to pass validation, as opposed to just those from the 2010 census. This applies when agencies provide a congressional district and will allow an award to keep the same congressional district throughout its entire lifetime.
- Modified the validation of Legal Entity ZIP+4 based on agency feedback so that an invalid +4 component leads to a warning instead of an error.
- Deprecated legacy element *FiscalYearAndQuarterCorrection* and legacy 'L' flag for *CorrectionDeleteIndicator* as they do not provide value for agencies or data consumers. Also updated the related validations.
- Changed *FundingAgencyCode* to a derived field (derived from *FundingSubTierAgencyCode*, when provided) to reduce agency burden and increase data quality and completeness.
- *Made AwardDescription* required for all records (previously, it was optional for aggregate records).

Interface Definition Document (IDD) and Related Validation Rules
Note: Files D1, D2, E and F are not directly submitted to Treasury during quarterly DATA Act submissions; instead, Treasury pulls these files from their source systems at that time and presents them to agencies for certification. Thus, none of the changes below directly affects the raw data that agencies submit to Treasury in Files A, B, C, and FABS.
- D1 File Changes:
  - Modified or added new elements, by pulling in additional data elements from the Federal Procurement Data System (FPDS) and reflecting FPDS Version 1.5 changes. All of these elements are pulled from the FPDS Atom feed and not submitted directly to Treasury by agencies (though they will be certified as part of D1).
  - Changed *CurrentTotalValueOfAward* and *PotentialTotalValueOfAward* to correct the mapping to FPDS.
  - Deleted data element *PrimaryPlaceOfPerformanceLocationCode* because it is obsolete and has not appeared in FPDS data for many years; its function is also already covered by other elements in the DAIMS.
- D2 File Changes:
  - Updated *CorrectionDeleteIndicator* based on the Draft FABS RSS released in September 2017.
  - Deleted data elements *SubmittedType* and *FiscalYearAndQuarterCorrection* as they are obsolete.
  - Deleted data element *LegalEntityAddressLine3* to match the definitions per the data element standardization process.
  - Added new derived data elements *UltimateParentLegalEntityName* and *UltimateParentUniqueIdentifier.*
  - Added new derived description tag data elements to provide context to existing elements.
- E and F File Changes:
  - Added new derived description tag data elements to provide context to existing elements.