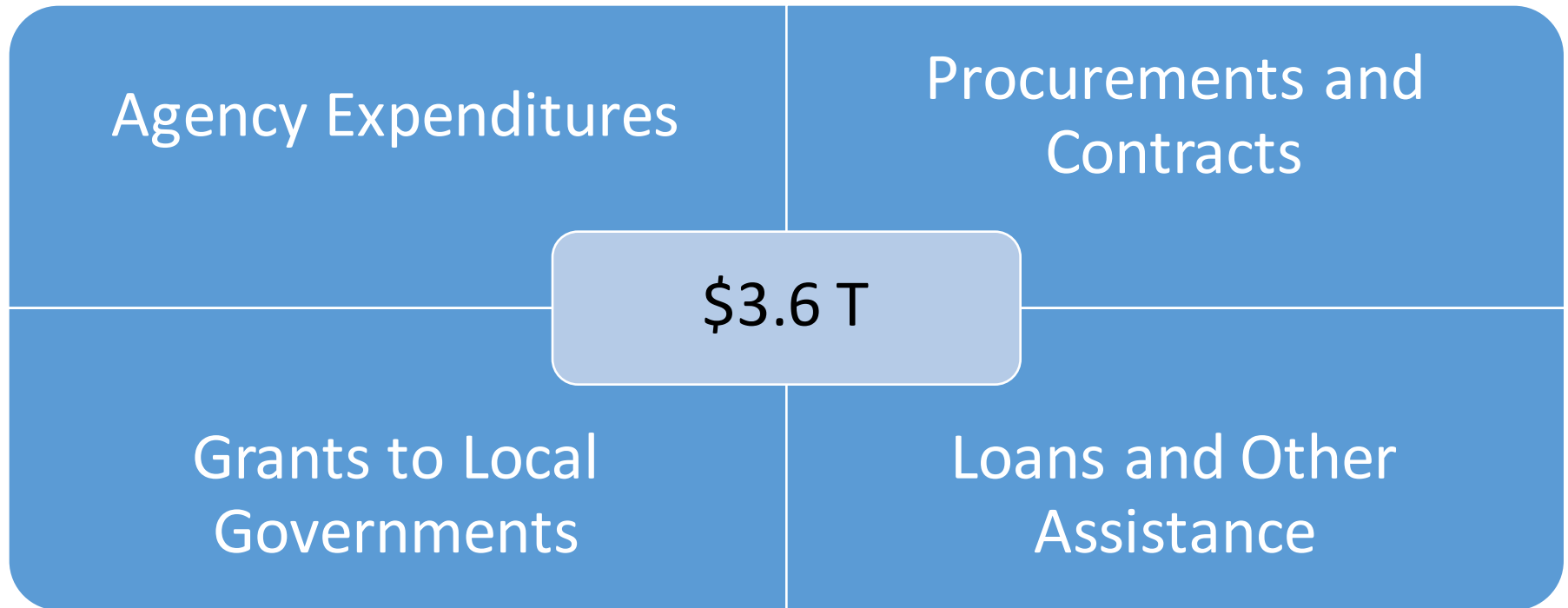




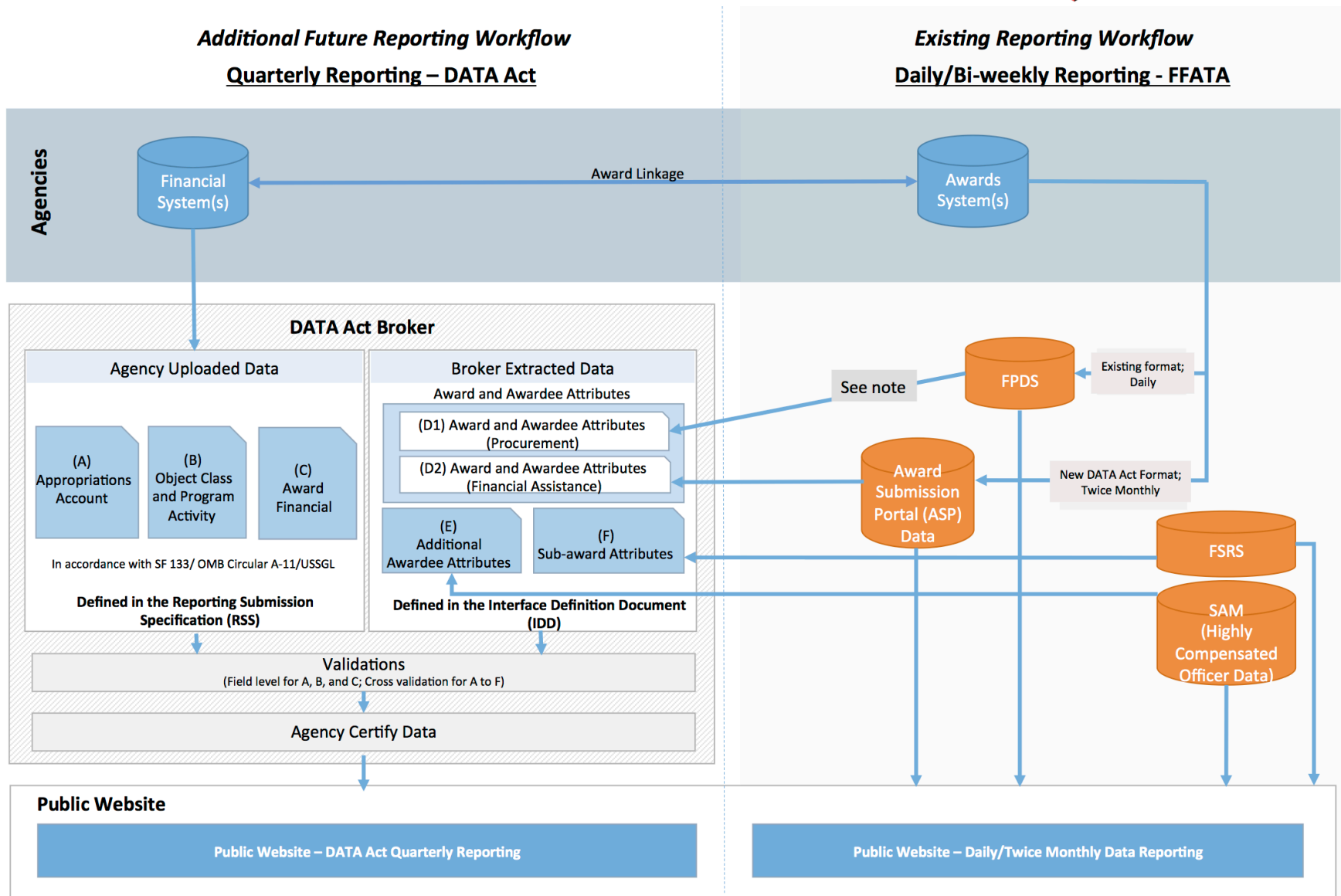
DATA Act

BETTER DATA. BETTER DECISIONS.
BETTER GOVERNMENT.

DATA Act Information Model Schema (DAIMS)



Information Flow



Note: For May 2017 implementation, D1 will be extracted from the USAspending site which pulls data from FPDS daily. D1 will be pulled from FPDS directly in the long term.



The DATA Act Schema provides a standardized definition and conceptual model for the information relevant to the domain and public reporting of U.S. Federal spending.

The Schema informs:

- ▶ How data providers select and organize information to submit
- ▶ What information is stored and how it is related
- ▶ How consumers can access and interpret information



- ▶ **Information Flow** – provides an overview of the reporting timeframes and sources of the data.
- ▶ **Reporting Submission Specification (RSS)** – includes a listing of the data elements with specific instructions for federal agencies to submit content in the appropriate format.
- ▶ **Interface Definition Document (IDD)** – contains a listing of the elements, with supporting metadata to understand what data will be pulled from government-wide systems and from agency financial assistance systems.
- ▶ **DAIMS Diagrams** – visual representations of how the data elements from the RSS and IDD fit together in context.
- ▶ **Online Data Dictionary** – a comprehensive list of data elements with definitions and minimal metadata, like definition and data category.
- ▶ **XBRL Schema Files** – machine-readable version of the data standard that includes accounting-related and award-related content.

RSS - Agency submitted content

DATA Act

(A) Appropriations
Account

(B) Object Class
and Program
Activity

(C) Award Financial

IDD - Extract from Existing Systems

(D1) Award & Awardee
Attributes (Procurement)

(D2) Award & Awardee
Attributes (Financial
Assistance)

(E) Additional
Awardee Attributes

(F) Sub-award
Attributes

FFATA

- ▶ File A through F are aligned to the DATA Act objectives
 - ▶ **File A** contains appropriation summary level data that are aligned to the SF133 reporting
 - ▶ **File B** includes obligation and outlay information at the program activity and object class level
 - ▶ **File C** reports the obligations at the award and object class level
 - ▶ **File D1 and D2** report the award and awardee details that are linked to File C
 - ▶ **File E** includes the additional prime awardee attribute.
 - ▶ **File F** includes sub-award information

DATA Act Element Relationships

Account Data (All Federal Spending)

(A) Appropriations Account

Level: Treasury Account Symbol, excluding sub-account (TAS)

Reporting cadence: Quarterly

Source: Agency financial management systems

Example elements:

- Budget authority appropriated (amount)
- Unobligated balance (amount)
- Amount of other budgetary resources

(B) Object Class and Program Activity

Level: TAS & program activity & object class

Reporting cadence: Quarterly

Source: Agency financial management systems

Example elements:

- Obligated amount (by program activity & object class)
- Outlay (gross)

TAS

TAS & Object Class

Award Data (procurement and financial assistance)

(C) Award Financial

Level: TAS & object class & award ID

Reporting cadence: Quarterly

Source: Agency financial management systems

Example elements:

- Award linkage
- Transaction obligated amount
- TAS
- Object class
- (Program activity code - optional)

Award Linkage Identifiers

(D1) Award and Awardee Attributes (Procurement) (DATA Act Broker Extract: Quarterly)

Level: Linked at award document level (includes award modifications)

Reporting cadence: Quarterly extraction from FPDS by data broker; Daily submission to FPDS (in existing format)

Source: FPDS/agency procurement management systems

Example elements: awardee/recipient unique identifier, award characteristics information, awarding entity information, award amount information, awardee legal entity name and address

Awardee / recipient unique ID

(E) Additional Awardee Attributes (DATA Act Broker Extract: Quarterly)

Level: Awardee/Recipient Unique Identifier

Reporting cadence: Quarterly extraction from SAM by data broker

Source: SAM (Highly Compensated Officer Data)

Example elements: Awardee/recipient top 5 highly compensated officers

(D2) Award and Awardee Attributes (Financial Assistance) (DATA Act Broker Extract: Quarterly)

Level: Linked at award document level (includes award modifications)

Reporting cadence: Quarterly extraction from ASP by data broker; Bi-weekly submission to ASP (in new format)

Source: ASP/agency financial assistance management systems

Example elements: awardee/recipient unique identifier, award characteristics information, awarding entity information, award amount information, awardee legal entity name and address

Award Linkage

(F) Sub-award Attributes (DATA Act Broker Extract: Quarterly)

Level: Award ID & sub-award number

Reporting cadence: Quarterly extraction from FSRS by data broker

Source: FSRS

Example elements: Sub-award number and amount



- ▶ DATA Act: provides a foundation for organizing federal financial data in new ways
 - Link to Management Data:
 - Performance
 - Information Technology
 - Human Resources
 - Link to Outcome Data:
 - State and local
 - Economic
 - Support evidence-based analysis