XML Implementation Guide

Student Financial Aid - SFA

Version 1.1.0 – November 21, 2010

All prior versions of the SFA schema and implementation guide are non-compliant.
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Background

IPEDS is the core postsecondary education data collection program for NCES. Data on enrollment, program completions, graduation rates, faculty, staff, finances, institutional prices, and student financial aid are collected from all primary providers of postsecondary education in the United States. The purpose of the IPEDS Student Financial Aid (SFA) component is to collect information about financial aid provided to various groups of undergraduate students in order to meet requirements of the Higher Education Opportunity Act (HEOA). Item areas include:

- Financial aid about all undergraduate students
- Financial aid about all full-time, first-time degree/certificate-seeking undergraduate students
- Financial aid and living arrangement information about all full-time, first-time degree/certificate-seeking undergraduate students who received grant aid
- Financial aid and living arrangement information by income category for all full-time, first-time degree/certificate-seeking undergraduate students who received Title IV aid
- Net Price for full-time, first-time degree/certificate-seeking undergraduate students who received grant aid
- Net Price by income category for full-time, first-time degree/certificate-seeking undergraduate students who received Title IV aid

Data are collected for the IPEDS surveys via web forms or data uploads. In an effort to provide an additional uploading option that is standardized within the postsecondary community, NCES and RTI worked with Bruce Marton of the University of Texas at Austin to produce XML schemas for each of the IPEDS student-based collections. Bruce Marton is a past steering committee member of the Postsecondary Electronic Standards Council (PESC) and one of the key contributors and developers of the PESC College Transcript and High School Transcript XML schemas.

As a result, institutions now have two methods available for uploading data: via the flat file format previously employed, or by uploading XML files that adhere to the XML schemas described in this document. An XML schema describes the format and contents of an XML data file. It defines what the data elements should be named within the XML data file, what kind of data are expected (string or integer, for example), whether certain data are required or optional, whether data elements may be repeated, and the like. In effect, the XML schema validates that the XML data are in the right structure and format.

The intent of this guide is to help users create a process to provide data in XML format for the Student Financial Aid data collection in IPEDS. The schemas described in this document have been approved by PESC.

Note: Users are strongly advised to consult the SFA Survey Instructions available at https://surveys.nces.ed.gov/ipeds/VisIndex.aspx before proceeding.

Organization and Format

Each schema in this document is described using diagrams and an accompanying table to explain each element or box within the diagram. If there is a “+” on the right hand-side of the element, the element is expandable; it branches into more elements (called children).
Introduction

For example, the diagram above shows the element StudentFinancialAid. This is an expandable element that has already been expanded (it has a “–” rather than a “+” on the right edge of the box). The children elements of StudentFinancialAid are TransmissionData and SFAByInstitution. Both children are expandable.

Each element’s name is important because the name serves as the start and end tags in XML. For example, in basic view, the above diagram would look like this in XML:

```xml
<StudentFinancialAid>
  <TransmissionData></TransmissionData>
  <SFAByInstitution></SFAByInstitution>
</StudentFinancialAid>
```

The start tag is `<StudentFinancialAid>` and the end tag is `</StudentFinancialAid>`, which has a slash preceding its name. Between each start and end tag are either actual data or more start and end tags. Every start tag must have a corresponding end tag.

Some elements have a “type” associated with them. A type is either a simple type, meaning that it just describes the data format (e.g., integer, decimal, or string), or a complex type, meaning that it is a set of other elements and/or data fields. In either case, a “type” is a reusable data structure that can be utilized in a variety of situations.

The TransmissionData element seen in the above diagram has a type of “core:TransmissionData”. Because it is a type, any element of the same type seen throughout any of the schemas will have the same underlying structure. The word “core:” that precedes the type name indicates that this type is identified in the core library of PESC-approved standards. This means that the PESC “core” library contains the rules regarding this structure of data. All sectors (IPEDS, College Transcript, SFA, etc.) may refer to any of the types in the core library; in fact, they are encouraged to do so whenever possible to facilitate standardization of data. If the type name had been preceded by “IPEDS:” that would indicate that the rules regarding this structure are being maintained by the IPEDS sector library rather than the core library and that it pertains mainly to IPEDS use.

The connector between StudentFinancialAid and its two sub-elements is called a “sequence” connector. It indicates that the elements must be provided in the order shown. Below is a sequence connector:

```
[sequence]
```

Note in the diagram of the StudentFinancialAid element that each line between the sequence connector and the sub-elements of StudentFinancialAid —TransmissionData and SFAByInstitution—is a solid line (rather than a dashed line), which indicates that these are required elements. Therefore, your XML file must contain both a TransmissionData element and an SFAByInstitution element.

Upon expanding the TransmissionData element, the following diagram is shown:
Introduction

Note that the NoteMessage element is optional, as the line connecting to the sequence connector is dashed. However, there is also a notation of “0...∞”, which indicates that there is no limit to the number of times this element may appear. The elements of the schema are presented in this guide in a top-down fashion, starting with the top-level elements and working toward describing each sub-element and sub-sub-element in turn.

The table under each diagram has links within the description of each element to the next level element, if applicable.

Each table has four columns:

1. **Tag name**: This is the name of the data element grouping or field that will appear in the XML file.

2. **Usage**: This column indicates whether the data element or field is required or optional in the instance document. If a required field is not included in the instance document, the transcript will normally be rejected by the receiving institution or agency’s computer program (XML Parser).

3. **Description**: This is a brief description of the data included with a particular XML tag name. If the element is of a certain type, there will be an instruction: “See xxxxType.”

4. **Format**: This column shows the minimum and maximum number of occurrences of the data element. It also shows the minimum and maximum length allowable for a field, if that field does not have enumerated values and is not a special type of field, such a date field.

   - **minOcc 1** indicates a required field; it must have at least one occurrence in the instance document.
   - **minOcc 0** indicates an optional field.
   - **maxOcc** followed by a number or symbol specifies the maximum number of times that that element may occur in an instance document at a particular position. For example, “maxOcc 5” indicates that the field may occur no more than 5 times in a given position of the instance document. “maxOcc ∞” indicates that a field may occur an unlimited number of times in the instance document. However, the use of an excessive number of occurrences puts a burden on the receiving agency or institution, so they should be limited to the fewest possible.
   - **minLength** indicates the minimum number of characters that a field must contain.
   - **maxLength** indicates the maximum number of characters that a field may contain.
**Enumeration** is used to list the allowable values that may be used in the instance document. The values must be used exactly as shown in this column. When the values are enumerated in this column, “minLength” and “maxLength” will not be indicated and are not appropriate.

After the diagram and subsequent table describing the diagram, an example of the XML needed to produce the diagram is shown, if logistically possible. Alternately, there may be a link to text within appendix A to see an example of the XML code.

NOTE: In diagrams of “types,” the first element shown in the diagram is the type name as seen in the following TransmissionDataType example:

```
<TransmissionData>
  <DocumentID>07242008_199999</DocumentID>
  <CreatedDateTime>2001-12-17T09:30:47.0Z</CreatedDateTime>
  <TransmissionType>Original</TransmissionType>
  <DocumentType>IPEDS</DocumentType>
  <NoteMessage/>*
</TransmissionData>
```

The diagram shows TransmissionDataType as the first named element. However, when the type is used within the XML document, the name of the element that uses the type will be listed in the start and end tags. For example, one element that uses the TransmissionDataType is TransmissionData. The XML code would look like this:

```
<TransmissionData>
  <DocumentID>07242008_199999</DocumentID>
  <CreatedDateTime>2001-12-17T09:30:47.0Z</CreatedDateTime>
  <TransmissionType>Original</TransmissionType>
  <DocumentType>IPEDS</DocumentType>
  <NoteMessage/>*
</TransmissionData>
```

After the XML files are created based upon the schemas described herein, the XML file should be validated. There are many tools to do the validation, but all will require the following schema files to be available:

1) The specific schema file your XML file is based upon, such as StudentFinancialAid_v1.0.0.xsd
2) The IPEDS sector library’s core schema: EducationStatistics_v1.3.0.xsd
3) The PESC core schema: CoreMain_v1.7.0.xsd

The .xsd files are available for download from the PESC website under "Standards and Workgroups," — then choose “PESC Approved Standards.”
SFA_v1.1.0.xsd

SFA_v1.1.0.xsd is the schema for SFA data collection approved by PESC. This schema is usable by all types of institutions.

Although SFA_v1.1.0.xsd is usable by all types of institutions, institutions need to know their Predominant Calendar System in order to report their SFA data correctly. An institution’s calendar system is reported on the Institutional Characteristics component. Institutions that offer a predominant number of programs based on standard academic terms (semester, trimester, quarter, 4-1-4, other academic) are Academic Reporters and report using a fall cohort of students, while institutions that do not offer a predominant number of programs on standard academic terms (calendar is organized by program or is continuous) are Program Reporters and report using a full-year cohort.

For Academic reporters, the word “cohort” in these instructions means students enrolled as of October 15 (or the institution’s official fall reporting date) of the reporting year. For Program Reporters, the word “cohort” in these instructions means students enrolled anytime during the 12-month period between September 1 and August 31. In turn, the Academic or Program Reporter type affects the number of students and financial aid amounts to report.

Academic reporters
To determine the financial aid amounts to report for a given group of students, first identify the students in that group (e.g., Group 2 students, full-time, first-time degree/certificate-seeking undergraduates enrolled in Fall 20xx on October 15 or the institution’s official fall reporting date). Second, determine the financial aid that was awarded and accepted by these students anytime during the 20xx-xy academic year.

Program reporters
To determine the financial aid amounts to report for a given group of students, first identify the students in that group (e.g., Group 2 students, full-time, first-time degree/certificate-seeking undergraduates enrolled anytime in the period September 1, 20xx to August 31, 20xy). Second, determine the financial aid that was awarded and accepted by these students anytime during the period September 1, 20xx to August 31, 20xy.

A full-size diagram of SFA_v1.1.0.xsd can be found in SFA_diagram_v1.1.0.pdf. To save space, each type is expanded just once. For example, AidDisbursementCountType is used to define many elements, but it is only expanded once in the diagram.

To print out the SFA_diagram_v1.0.0.pdf, it is suggested that you modify the Page Handling section on the print tab, as shown in the following screen shot. Note that “Tile Large Pages” is selected, and the Tile Scale is set to 40 percent.
StudentFinancialAid

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>StudentFinancialAid</td>
<td>Required</td>
<td>Root element of XML document for SFA_v1.1.0.xsd.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>TransmissionData</td>
<td>Required</td>
<td>Routing and header information. Uses TransmissionDataType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>FinancialAidByInstitution</td>
<td>Required</td>
<td>Student Financial Aid data, broken down by institution (IPEDS ID). Allows for multiple institution data to be submitted in one report. See FinancialAidByInstitution for further information.</td>
<td>minOcc 1 maxOcc ∞ repeatable as needed</td>
</tr>
<tr>
<td>NoteMessage</td>
<td>Optional</td>
<td>Additional information about the data.</td>
<td>maxLength=80 minOcc 0 maxOcc ∞</td>
</tr>
</tbody>
</table>

Code illustration:

Please note that as the StudentFinancialAid element is the "root" element of the XML document, extra header information is included in this code illustration as it would need to exist in the final XML file.

```xml
  <TransmissionData>  
    
  </TransmissionData>  
  <FinancialAidByInstitution>  
    <Institution>  
      <IPEDSUnitID>124816</IPEDSUnitID>  
    </Institution>  
  </FinancialAidByInstitution>  
</SFA:StudentFinancialAid>
```
TransmissionDataType

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>DocumentID</td>
<td>Required</td>
<td>File transmission date and time stamp with additional unique qualifying characters such as UNITID of the sending institution.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>CreatedDateTime</td>
<td>Required</td>
<td>Date and time stamp when the document was created.</td>
<td>Xs:datetime ccyy-mm-dd hh:mm:ss minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>TransmissionType</td>
<td>Required</td>
<td>Nature of the transmission.</td>
<td>Enumeration: Original Replace</td>
</tr>
<tr>
<td>DocumentType</td>
<td>Required</td>
<td>Nature of the document.</td>
<td>Enumeration: IPEDS</td>
</tr>
<tr>
<td>NoteMessage</td>
<td>Optional</td>
<td>Additional information about the transmission.</td>
<td>maxLength=80 minOcc 0 maxOcc ∞</td>
</tr>
</tbody>
</table>

Code illustration:

```xml
<TransmissionData>
    <DocumentID>07232008100001</DocumentID>
    <CreatedDateTime>07/23/2008 10:45am</CreatedDateTime>
    <TransmissionType>Original</TransmissionType>
    <DocumentType>IPEDS</DocumentType>
    <NoteMessage>This is the 1st attempt of submitting this file</NoteMessage>
</TransmissionData>
```
FinancialAidByInstitution

This diagram shows the overall structure of the data that are expected to be submitted in the Student Financial Aid XML file. The table below explains each element.

**Tag name**  | **Usage**  | **Description**                                                                                                                                                                                                 | **Format**                |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Institution</td>
<td>Required</td>
<td>The identifying ID (UNITID) and other optional information about the institution. Uses OrganizationType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>AllUndergraduates</td>
<td>Required</td>
<td>A structured description of the count of the total number of undergraduate students, and the aid received by all undergraduate students. See AllUndergraduatesSFAType for further information.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>FullTimeFirstTimeUndergraduates</td>
<td>Optional</td>
<td>A structured description of the count of the total number of full-time, first-time degree/certificate-seeking undergraduate students by residency, and by distribution of financial aid. See FullTimeFirstTimeUndergraduatesSFAType for further information.</td>
<td>minOcc 0 maxOcc 1</td>
</tr>
<tr>
<td>NoteMessage</td>
<td>Optional</td>
<td>Additional information about student financial aid data.</td>
<td>maxLength=80 minOcc 0 maxOcc 0 maxOcc 1</td>
</tr>
</tbody>
</table>

Code example:

Please see the XML code example shown in [appendix A](#).
OrganizationType

**Used by element:** FinancialAidByInstitution

### Tag name | Usage | Description | Format
--- | --- | --- | ---
IPEDSUnitID | Required | The unique identifier assigned to the institution by IPEDS. | minOcc 1 maxOcc 1
OrganizationName | Optional | The name of the institution. This is only for file documentation use. The name of the institution will not be uploaded to IPEDS. Uses core: OrganizationNameType. | minOcc 0 maxOcc ∞ as needed
NoteMessage | Optional | Additional information about the transmission. | maxLength=80 minOcc 0 maxOcc ∞

**Code illustration:**

```xml
   <Institution>
       <IPEDSUnitID>124816</IPEDSUnitID>
       <OrganizationName>Globeco Business Institute</OrganizationName>
   </Institution>
```
**AllUndergraduatesSFAType**

This type is a structured description of the count of the total number of undergraduate students, and the financial aid received by them. The students included will be any students enrolled in the current cohort year, and the aid received may be received at any time during the year. This is Group 1 per the SFA Survey Instructions.

**Used by element:** AllUndergraduates

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TotalCount</td>
<td>Required</td>
<td>A count of the total number of undergraduate students in the current cohort year. Uses TotalCountType.</td>
<td>integer minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>TotalAidReceived</td>
<td>Required</td>
<td>The count of undergraduate students who received any aid during the year, and the total amount of aid received. The aid can come from any source: Federal Work Study; loans to students; or grant or scholarship aid from federal, state or local governments, the institution, or other sources known to the institution. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>PellGrantReceived</td>
<td>Required</td>
<td>The count of undergraduate students who received Pell Grant aid, and the total amount of Pell Grant aid received. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>FederalLoanReceived</td>
<td>Required</td>
<td>The count of undergraduate students who received Federal Loans and the total amount of Federal Loan aid received. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 20 in appendix A.
TotalCountType

TotalCountType is a core type defined by PESC for use across all PESC-approved schemas. It is an integer with values from 0 to 999999999, and is used to indicate a count of individuals within a specific category.

Used by elements/types:

- AllUndergraduates/TotalCount
- AidReceivedCountType
- CountPercentageType
- LivingArrangementDistributionType
- GrantAidByIncomeDistributionType
- TitleIVRecipientsGrantAidByYearType
**AidReceivedCountType**

Used by elements:
- AllUndergraduates/TotalAidReceived, PellGrantReceived, FederalLoanReceived
- All sub-elements of FullTimeFirstTimeUndergraduates/DistributionOfFinancialAid
- GrantAidByYearType
- TitleIVRecipientsType

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>RecipientCount</td>
<td>Required</td>
<td>The count of recipients of a specific type of aid.</td>
<td>integer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>RecipientPercentage</td>
<td>Do not include on import file</td>
<td>The percentage of undergraduate students receiving a specific type of aid. Will be generated on export file.</td>
<td>Decimal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>TotalAidAmount</td>
<td>Required</td>
<td>The total amount of a specific type aid received. Report to the nearest dollar, omit cents.</td>
<td>Integer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

**Comment:** The TotalAidAmount for the FederalStateInstitutionalGrantsOrScholarships and TotalFederalGrants elements will be re-generated on the Export file.

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>AverageAidAmount</td>
<td>Do not include on import file</td>
<td>The average amount of aid received per recipient. Will be generated on export file.</td>
<td>Decimal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

Code example:

```
<AllUndergraduates>
  <TotalCount>3439764</TotalCount>
  <TotalAidReceived>
    <RecipientCount>3005407</RecipientCount>
    <TotalAidAmount>6000030427004</TotalAidAmount>
  </TotalAidReceived>
  ...
</AllUndergraduates>
```
**FullTimeFirstTimeUndergraduatesSFAType**

This type is a structured description of the count of the total number of full-time, first-time degree/certificate-seeking undergraduate students enrolled in the current cohort year, their tuition residency categories, and the financial aid received by them. This is Group 2 per the SFA Survey Instructions.

**Used by element:** FullTimeFirstTimeUndergraduates

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TotalCount</td>
<td>Required</td>
<td>The total number of full-time, first-time degree/certificate-seeking undergraduate students in the current cohort year. Uses CountPercentageType. <strong>Percentage will be generated on export file.</strong></td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>TotalAidRecipientCount</td>
<td>Required</td>
<td>The count and percentage of those who received any Federal Work Study, loans to students, or grant or scholarship aid from the federal government, state/local government, the institution, or other sources known to the institution Uses CountPercentageType. <strong>Percentage will be generated on export file.</strong></td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>TotalLoanGrantScholarshipRecipientCount</td>
<td>Required</td>
<td>The count and percentage of those who received any loans to students or grant or scholarship aid from the federal government, state/local government, or the</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>Institution</td>
<td>Uses</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>ResidencyForTuitionPurposes</td>
<td>Required</td>
<td>The count and percentage of the cohort within tuition residency categories. Uses ResidencyForTuitionType.</td>
<td></td>
</tr>
<tr>
<td>DistributionOfFinancialAid</td>
<td>Required</td>
<td>The distribution of financial aid across Grants or Scholarships or Loans. Grants are further divided as federal grants, state and local government grants or scholarships, and institutional grants or scholarships. Other grant sources are excluded. Uses DistributionOfFinancialAidType.</td>
<td></td>
</tr>
<tr>
<td>GrantAidRecipients</td>
<td>Required</td>
<td>This element shows a total count of grant aid recipients and counts of grant aid recipients by living arrangement categories (on-campus, off-campus with family, off-campus not with family, or unknown living arrangement). If the institution is public, this element will include only those students paying the in-state or in-district tuition rate. See GrantAidRecipientsType for more information.</td>
<td></td>
</tr>
<tr>
<td>TitleIVRecipients</td>
<td>Required</td>
<td>This element shows a total count of Title IV aid recipients and counts of Title IV recipients by living arrangement categories (on-campus, off-campus with family, off-campus not with family, or unknown living arrangement). If the institution is public, this element will include only those students paying the in-state or in-district tuition rate. See TitleIVGrantAidRecipientsType for more information.</td>
<td></td>
</tr>
</tbody>
</table>

Code example located at line 35 in appendix A.
ResidencyForTuitionType

Used by element: FullTimeFirstTimeUndergraduates/ResidencyForTuitionPurposes

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>InDistrict</td>
<td>Required</td>
<td>The count and percentage of undergraduate students who are considered in-district students. Uses CountPercentageType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td>maxOcc 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>InState</td>
<td>Required</td>
<td>The count and percentage of undergraduate students who are considered in-state students. Uses CountPercentageType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td>maxOcc 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OutOfState</td>
<td>Required</td>
<td>The count and percentage of undergraduate students who are considered out-of-state students. Uses CountPercentageType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td>maxOcc 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UnknownResidency</td>
<td>Optional</td>
<td>The count and percentage of undergraduate students whose residency is unknown. Uses CountPercentageType.</td>
<td>minOcc 0</td>
</tr>
<tr>
<td>maxOcc 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Code example:

```xml
<ResidencyForTuitionPurposes>
  <InDistrict>
    <Count>820</Count>
  </InDistrict>
  <InState>
    <Count>901469</Count>
  </InState>
  <OutOfState>
    <Count>22283</Count>
  </OutOfState>
  <UnknownResidency>
    <Count>0</Count>
  </UnknownResidency>
</ResidencyForTuitionPurposes>
```
CountPercentageType

CountPercentageType is a core type defined by PESC for use across all PESC-approved schemas.

**Used by elements:**
- ResidencyForTuitionPurposes/InDistrict, InState, OutOfState, UnknownResidency

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>Required</td>
<td>The count of items (for example, the count of undergraduate students, or the count of loans) within a specific category.</td>
<td>integer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>Percentage</td>
<td>Optional</td>
<td>The percentage that the count of items represents.</td>
<td>decimal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>minOcc 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

**Code Example:**

```
<InDistrict>
  <Count>2333</Count>
  <Percentage>82.3</Percentage>
</InDistrict>
<InState>
  <Count>2333</Count>
</InState>
```
**DistributionOfFinancialAidType**

This type categorizes the distribution of financial aid to full-time, first-time degree/certificate-seeking undergraduate students for the current cohort year, summarized by type of financial aid.

**Used by element:** FullTimeFirstTimeUndergraduates

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>GrantsOrScholarships</td>
<td>Required</td>
<td>A description of grants or scholarships received by undergraduate students, sub-catagorized by type of grant or scholarship. See <a href="#">GrantsOrScholarships</a> for further information.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>LoansToStudents</td>
<td>Required</td>
<td>A description of loans received by undergraduate students, sub-catagorized by Total Loans, Federal Loans, and Other Loans. See <a href="#">LoansToStudents</a> for further information.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at [line 54](#) in appendix A.
GrantsOrScholarships

This element describes grants or scholarships received by full-time, first-time degree/certificate-seeking undergraduate students enrolled in current cohort year, sub-categorized by type of grant.

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>FederalStateInstitutionalGrantsOrScholarships</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of grants or scholarship received that are classified as federal, state or local government or institutional aid by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>FederalGrants</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of federal grants, sub-categorized by type of federal grant. See FederalGrants for further information.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>StateLocalGrantsOrScholarships</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of state or local government grants or scholarships received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>InstitutionalGrantsOrScholarships</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of institutional grants or scholarships received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
</tbody>
</table>

Comment: The TotalAidAmount in AidReceivedCountType for the FederalStateInstitutionalGrantsOrScholarships element will be re-generated on the Export file.

Code example located at line 55 in appendix A.
**FederalGrants**

This element describes federal grants received by full-time, first-time degree/certificate-seeking undergraduate students enrolled in the current cohort year, sub-categorized by type of federal grant.

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TotalFederalGrants</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of federal grants received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>PellGrants</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of Pell grants received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>OtherFederalGrants</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of non-Pell federal grants received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
</tbody>
</table>

**Comment:** The TotalAidAmount in AidReceivedCountType for the TotalFederalGrants element will be re-generated on the Export file.

Code example located at line 60 in appendix A.
LoansToStudents

This element describes loans received by full-time, first-time degree/certificate-seeking undergraduate students enrolled in the current cohort year, sub-categorized by type of loan.

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TotalLoans</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of all loans received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>FederalLoans</td>
<td>Required</td>
<td>The total count, percentage, total amount, and average amount of federal loans received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>OtherLoans</td>
<td>Required</td>
<td>The total count, percentage, total amount and average amount of loans other than federal loans received by full-time, first-time degree/certificate-seeking undergraduate students. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
</tbody>
</table>

Comment: The TotalAidAmount in AidReceivedCountType for the TotalLoans element will be re-generated on the Export file.
GrantAidRecipientsType

This type describes grants received by full-time, first-time degree/certificate-seeking undergraduate students enrolled in the specified cohort year. The element FullTimeFirstTimeUndergraduates which uses this type corresponds to Group 3 per the SFA Survey instructions.

**Used by element:** FinancialAidByInstitution/FullTimeFirstTimeUndergraduates

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>CohortYearAidRecipients</td>
<td>Required</td>
<td>Counts current cohort year grant aid recipients by living arrangement (on-campus, off-campus with family, off-campus not with family, unknown). Also contains net price element for this cohort year's grant recipients. Uses GrantAidByYearType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>PriorYearAidRecipients</td>
<td>Required</td>
<td>Counts prior cohort year grant aid recipients by living arrangement, and contains net price element for prior cohort year grant aid recipients. Uses GrantAidByYearType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>TwoYearPriorAidRecipients</td>
<td>Required</td>
<td>Counts grant aid recipients of the two year prior cohort by living arrangement. Also contains net price element for grant aid recipients of the cohort from two years prior. Uses GrantAidByYearType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 100 in appendix A.
GrantAidByYearType

This type is used to categorize grant aid recipients by living arrangement: on-campus, off-campus with family, or off-campus not with family.

Used by elements:
- GrantAidRecipients/CohortYearAidRecipients
- GrantAidRecipients/PriorCohortYearAidRecipients
- GrantAidRecipients/TwoYearPriorCohortYearAidRecipients

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>LivingArrangementDistribution</td>
<td>Required</td>
<td>Counts undergraduate students receiving grant aid by living arrangement: on-campus, off-campus with family, or off-campus not with family. See LivingArrangementDistributionType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>TotalAidRecipients</td>
<td>Required</td>
<td>A count of undergraduate students receiving grant aid, and the total amount of grant aid received. See AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>Comment: The TotalRecipientCount in AidReceivedCountType for the GrantAidByYearType elements will be regenerated on the Export file.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NetPriceGrantAidRecipients</td>
<td>Do not include on import file.</td>
<td>This element contains the net price for grant aid recipients. Will be generated on export file.</td>
<td>minOcc 0, maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 101 in appendix A.
LivingArrangementDistributionType

This type details counts of undergraduate students by living arrangement.

**Used by element:** LivingArrangementDistribution

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>OnCampusCount</td>
<td>Required</td>
<td>Number of undergraduate students living on campus. See TotalCountType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>OffCampusFamilyCount</td>
<td>Required</td>
<td>Number of undergraduate students living off campus, with family. See TotalCountType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>OffCampusNotWithFamilyCount</td>
<td>Required</td>
<td>Number of undergraduate students living off campus, but not with family. See TotalCountType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>UnknownLivingArrangementCount</td>
<td>Do not include on import file.</td>
<td>Number of undergraduate students whose living arrangements are unknown. Will be generated on export file.</td>
<td>minOcc 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 102 in appendix A.
TitleIVGrantAidRecipientsType

This type describes aid received by full-time, first-time degree/certificate-seeking undergraduate students receiving Title IV federal grant aid enrolled in the specified cohort year. The FullTimeFirstTimeUndergraduates element which uses this type represents Group 4 per the SFA Survey instructions.

**Used by element:** FullTimeFirstTimeUndergraduates

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>CohortYearTitleIVAidRecipients</td>
<td>Required</td>
<td>This element describes undergraduate students enrolled in the current cohort year who received Title IV federal student aid. Uses TitleIVRecipientsGrantAidByYearType.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>PriorYearTitleIVAidRecipients</td>
<td>Required</td>
<td>This element describes undergraduate students enrolled in prior cohort year who received Title IV federal student aid. Uses TitleIVRecipientsGrantAidByYearType. Will be generated on export file.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
<tr>
<td>TwoYearPriorTitleIVAidRecipients</td>
<td>Required</td>
<td>This element describes undergraduate students enrolled two years prior to the current cohort year who received Title IV federal student aid. Uses TitleIVRecipientsGrantAidByYearType. Will be generated on export file.</td>
<td>minOcc 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>maxOcc 1</td>
</tr>
</tbody>
</table>

**Comment:** For collection year 2010-2011, this element should show zeros in all sub-elements.

**Comment:** For collection years 2010-2011 and 2011-2012, this element should show zeros in all sub-elements.

Code example located at line 147 in appendix A.
**TitleIVRecipientsGrantAidByYearType**

**Used by elements:**
- TitleIVRecipients/CohortYearTitleIVAidRecipients
- TitleIVRecipients/PriorYearTitleIVAidRecipients
- TitleIVRecipients/TwoYearPriorTitleIVAidRecipients

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>LivingArrangementDistribution</td>
<td>Required</td>
<td>Counts undergraduate students receiving Title IV federal grant aid by living arrangement: on-campus, off-campus with family or off-campus not with family. See LivingArrangementDistributionType..</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>GrantAidByIncomeDistribution</td>
<td>Required</td>
<td>Counts undergraduate students receiving Title IV federal grant aid by income distribution categories. Also contains element for net price for grant recipients. Uses GrantAidByIncomeDistributionType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>TotalCount</td>
<td>Required</td>
<td>Total number of undergraduate students receiving Title IV federal grant aid. Uses TotalCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 148 in appendix A.
GrantAidByIncomeDistributionType

Used by element: GrantAidByIncomeDistribution

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZeroToThirtyThousand</td>
<td>Required</td>
<td>Count of undergraduate students and total grant aid received by students whose income level (used by the financial aid office to determine the student's Expected Family Contribution) is from $0 to $30,000. Also contains element for net price for students in this income category. Uses TitleIVRecipientsType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>ThirtyToFortyEightThousand</td>
<td>Required</td>
<td>Count of undergraduate students and total grant aid received by students whose income level (used by the financial aid office to determine the student's Expected Family Contribution) is from $30,001 to $48,000. Also contains element for net price for students in this income category. Uses TitleIVRecipientsType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>FortyEightToSeventyFiveThousand</td>
<td>Required</td>
<td>Count of undergraduate students and total grant aid received by students whose income level (used by the financial aid office to determine the student’s Expected Family Contribution) is from $48,001 to $75,000. Also contains element for net price for students in this income category. Uses TitleIVRecipientsType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>SeventyFiveToOneHundredTenThousand</td>
<td>Required</td>
<td>Count of undergraduate students and total grant aid received by students whose income level (used by the financial aid office to determine the student’s Expected Family Contribution) is from $75,001 to $110,000. Also contains element for net price for students in this income category. Uses TitleIVRecipientsType.</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td>OverOneHundredTenThousand</td>
<td>Required</td>
<td>Count of undergraduate students and total grant aid received by students whose income level (used by the financial aid office to determine the student’s Expected Family Contribution) is over $110,000. Also contains</td>
<td>minOcc 1 maxOcc 1</td>
</tr>
<tr>
<td><strong>TotalAllIncome</strong></td>
<td>Do not include on import file</td>
<td>Count of undergraduate students and total grant aid received by students across all income levels. Also contains element for net price for students in this income category. Uses <code>TitleIVRecipientsType</code>. Will be generated on export file.</td>
<td>minOcc 0</td>
</tr>
</tbody>
</table>

Code example located at line 274 in appendix A.
TitleIVRecipientsType

Used by elements:

- All subelements of
  TitleIVRecipients/CohortYearTitleIVAidRecipients/GrandAidByIncomeDistribution
  TitleIVRecipients/PriorYearTitleIVAidRecipients/GrandAidByIncomeDistribution
  TitleIVRecipients/TwoYearPriorTitleIVAidRecipients/GrandAidByIncomeDistribution

<table>
<thead>
<tr>
<th>Tag name</th>
<th>Usage</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>TitleIVAidRecipients</td>
<td>Required</td>
<td>Count of Title IV recipients and total aid received. Uses AidReceivedCountType.</td>
<td>minOcc 1, maxOcc 1</td>
</tr>
<tr>
<td>NetPriceTitleIVRecipients</td>
<td>Do not include on import file</td>
<td>Contains net price for the group of Title IV Aid recipients described in the TitleIVAidRecipients element. Will be generated on export file.</td>
<td>minOcc 0, maxOcc 1</td>
</tr>
</tbody>
</table>

Code example located at line 276 in appendix A.
Appendix A—StudentFinancialAid XML Import File Example

<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2008 rel. 2 sp1 (http://www.altova.com)-->
  <TransmissionData>
    <DocumentID>a</DocumentID>
    <CreatedDateTime>2010-11-17T09:30:47.0Z</CreatedDateTime>
    <TransmissionType>Original</TransmissionType>
    <DocumentType>Application</DocumentType>
    <NoteMessage>a</NoteMessage>
  </TransmissionData>
  <FinancialAidByInstitution>
    <Institution>
      <IPEDSUnitID>999999</IPEDSUnitID>
      <OrganizationName>Sample University</OrganizationName>
      <NoteMessage>This is a test XML file</NoteMessage>
    </Institution>
    <AllUndergraduates>
      <TotalCount>3439764</TotalCount>
      <TotalAidReceived>
        <RecipientCount>3005407</RecipientCount>
        <TotalAidAmount>600030427004</TotalAidAmount>
      </TotalAidReceived>
      <PellGrantReceived>
        <RecipientCount>404070</RecipientCount>
        <TotalAidAmount>250014815943</TotalAidAmount>
      </PellGrantReceived>
      <FederalLoanReceived>
        <RecipientCount>2805642</RecipientCount>
        <TotalAidAmount>1250043194283</TotalAidAmount>
      </FederalLoanReceived>
    </AllUndergraduates>
    <FullTimeFirstTimeUndergraduates>
      <TotalCount>1121752</TotalCount>
      <TotalAidRecipientCount>1099567</TotalAidRecipientCount>
      <TotalLoanGrantScholarshipRecipientCount>987542</TotalLoanGrantScholarshipRecipientCount>
      <ResidencyForTuitionPurposes>
        <InDistrict>
          <Count>820</Count>
        </InDistrict>
        <InState>
          <Count>901469</Count>
        </InState>
        <OutOfState>
          <Count>22283</Count>
        </OutOfState>
        <UnknownResidency>
          <Count>0</Count>
        </UnknownResidency>
      </ResidencyForTuitionPurposes>
    </FullTimeFirstTimeUndergraduates>
  </FinancialAidByInstitution>
</SFA:StudentFinancialAid>
<?xml version="1.0" encoding="UTF-8" ?>
<IPEDS XML Implementation Guide>
<TotalAidRecipients>
  <RecipientCount>251174</RecipientCount>
  <TotalAidAmount>25007640051</TotalAidAmount>
</TotalAidRecipients>
</CohortYearAidRecipients>
</PriorYearAidRecipients>
</LivingArrangementDistribution>
<TotalAidRecipients>
  <RecipientCount>1175</RecipientCount>
  <TotalAidAmount>7365450</TotalAidAmount>
</TotalAidRecipients>
</PriorYearAidRecipients>
</TwoYearPriorAidRecipients>
</LivingArrangementDistribution>
<TotalAidRecipients>
  <RecipientCount>1232</RecipientCount>
  <TotalAidAmount>8971573</TotalAidAmount>
</TotalAidRecipients>
</TwoYearPriorAidRecipients>
</GrantAidRecipients>
</TitleIVRecipients>
</CohortYearTitleIVAidRecipients>
</LivingArrangementDistribution>
<TotalAidRecipients>
  <RecipientCount>24596</RecipientCount>
  <TotalAidAmount>200004622080</TotalAidAmount>
</TotalAidRecipients>
</CohortYearTitleIVAidRecipients>
</LivingArrangementDistribution>
<ZeroToThirtyThousand>
  <TitleIVAidRecipients>
    <RecipientCount>20513</RecipientCount>
    <TotalAidAmount>200004622080</TotalAidAmount>
  </TitleIVAidRecipients>
</ZeroToThirtyThousand>
</GrantAidByIncomeDistribution>
</LivingArrangementDistribution>
</ZeroToThirtyThousand>

<ThirtyToFortyEightThousand>
  <TitleIVAidRecipients>
    <RecipientCount>4183</RecipientCount>
    <TotalAidAmount>40001296931</TotalAidAmount>
  </TitleIVAidRecipients>
</ThirtyToFortyEightThousand>

<FortyEightToSeventyFiveThousand>
  <TitleIVAidRecipients>
    <RecipientCount>4194</RecipientCount>
    <TotalAidAmount>40001143535</TotalAidAmount>
  </TitleIVAidRecipients>
</FortyEightToSeventyFiveThousand>

<SeventyFiveToOneHundredTenThousand>
  <TitleIVAidRecipients>
    <RecipientCount>4110</RecipientCount>
    <TotalAidAmount>4000631071</TotalAidAmount>
  </TitleIVAidRecipients>
</SeventyFiveToOneHundredTenThousand>

<OverOneHundredTenThousand>
  <TitleIVAidRecipients>
    <RecipientCount>244</RecipientCount>
    <TotalAidAmount>2000223309</TotalAidAmount>
  </TitleIVAidRecipients>
</OverOneHundredTenThousand>

</GrantAidByIncomeDistribution>

</TotalCount>341044</TotalCount>

</CohortYearTitleIVAidRecipients>

<PriorYearTitleIVAidRecipients>

</LivingArrangementDistribution>

</GrantAidByIncomeDistribution>

</ZeroToThirtyThousand>

<RecipientCount>20513</RecipientCount>

<TotalAidAmount>
<ZeroToThirtyThousand>
  <TitleIVAidRecipients>
    <RecipientCount>4183</RecipientCount>
    <TotalAidAmount>20004622080</TotalAidAmount>
  </TitleIVAidRecipients>
</ZeroToThirtyThousand>

<ThirtyToFortyEightThousand>
  <TitleIVAidRecipients>
    <RecipientCount>4194</RecipientCount>
    <TotalAidAmount>40001296931</TotalAidAmount>
  </TitleIVAidRecipients>
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