# Do Not Pay API Agency Implementation Guide

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# Version History

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# DOCUMENT PURPOSE

The Do Not Pay (DNP) Application Program Interface (API) Implementation Guide is intended to offer agencies and programs a comprehensive set of technical specifications and requirements for initiating search requests for matches against approved data sources. This guide should give business owners the ability to talk through decisions with the technical team, and it should give the technical team the necessary information to develop the requests and work with appropriate responses. However, the guide is not expected to eliminate the need for technical and business conversations with the DNP API implementation team.

# WEB SERVICE OVERVIEW

For the purpose of this document, a Web Service is defined as any machine-to-machine interaction that takes place over a network, typically using the Hypertext Transfer Protocol (HTTP) used on the web. It is commonly referred to as an API, and two types include Simple Object Access Protocol (SOAP) and REpresentational State Transfer (REST). REST is the type of API offered by DNP.

## Service Availability

The DNP API is designed to be available on a 24 x 7 basis. If the API receives a call when the service is unavailable, you will receive the following message with http status code 503:

```
{"errors": [{
  "detail": "The system is currently unavailable",
  "title": "Service Unavailable",
  "status": "503"
}]}
```

## QAF Environment Availability

Quality Assurance testing will be completed against the DNP QA Future environment. Please note that this environment is turned down daily (including weekends) from 9PM – 5AM Central Time.

# SECURITY CONSIDERATIONS

## Access Groups and Data Sources

Access to the DNP Web Service and associated data sources is administered through Agency Access Groups and Treasury issued security certificates. Only those data sources approved for use by these Access Groups will be available to a given Access Group.

## Server Certificates

Agencies are required to use supported X.509 certificates to interface with DNP's Web Service. A certificate is presented to the DNP Web Service whenever connections to the service are initiated.

This document provides instructions on how to download and export/backup certificates generated by the U.S. Treasury's Operational Certificate Authority (TOCA) to your local PC. It does not provide instructions on how to install SSL certificates on your agency's servers. Instructions regarding certificate retrieval can be found in Appendix B of this document.

# REST OVERVIEW

REST is an acronym that stands for REpresentational State Transfer. It defines the interface and conventions used between a web service provider and service consumers/clients. It uses the already familiar URL, HTTP Header, and Method standards to convey meaning to web service calls. The established HTTP verbs: GET, POST, UPDATE, and DELETE are used to represent action on a service, and the URL contents are used to represent data structures. For example, using a web GET request on the following service URL: *http://fakeservice/V1/user* would result in data returned to the client for every user in the system, whereas the URL: *http://fakeservice/V1/user/12345* would only return data related to the user with ID 12345. If a client made a POST submission to the URL: *http://fakeservice/V1/user* the service would be expecting the client to provide content within the message body relating to the creation of a new user object. In addition, a service can use the HTTP accept/content-type header to specify the type of content it is configured to receive and produce. Note that the DNP API will only be using the GET and POST verbs, and will produce content of type: application/vnd.api+json which is specific to the JSON API standard. Any POST calls done by a client should also be done with the application/vnd.api+json content type. This is a general description of REST, please note that in the DNP API searches that would normally be done with GET calls are done via POST and a jsonapi formatted message body.

# JSON API OVERVIEW

JavaScript Object Notation Application Program Interface (JSON API) is a specification for web service APIs that is built upon the REST standard and JSON data format. This is a strict set of shared conventions which give service clients a large amount of flexibility in the requests they make and responses they receive. Full details can be found at: http://jsonapi.org.

The specification defines several aspects of web service communication:

- Content type – JSON API uses the content type: application/vnd.api+json.
- Format of message content – JSON API defines the top-level elements: *data*, *errors*, and *meta* contained in request/response data. If the *errors* element is present the *data* and *meta* elements cannot be present, and vice versa. The DNP API will always return a *meta* element in every (non-error) request as it contains information like transaction ID.

- Including Child Object Response Fields – some data sources include certain match detail fields (response fields) that are contained within relational objects. Those data sources that contain relational data will call out those child object response fields in their usage sections. To call more than one set of child object response fields, the request message should include the attribute "*include":"childResponseObject1,childResponseObject2,etc"*
- Uniform Resource Identifier (URI).

> **Note:** The URI is constructed by an agency to reference specific request data via the API. Each data source has unique data elements and response fields. These particular response fields have a URI that must be included in the request message.

- Pagination – the server can define maximum amounts of data to be returned in each request. If the total data payload exceeds this size the server will provide pagination links and *meta* information to retrieve the rest of the data. The DNP API specifies a count of 250 as the maximum result size returned for any particular search, and this is enforced at the *resource* level. A single search involving three different resources could theoretically return 750 rows maximum, or 250 rows per resource.
- Sparse Fieldsets – a client can specify which fields they wish to retrieve on a given resource. For example, making a POST request to the URL: *http://fakeservice/V1/user* with attributes *"fields[user]":"firstName,lastName"* would retrieve details for all users but *only* the firstName and lastName fields of each user would be returned. This allows individual clients to retrieve only the data pertinent to them, and can potentially reduce bandwidth/resource usage.
- Sorting – a client can specify the order in which data will be sorted when it is retrieved. For example, making a POST request to the URL: *http://fakeservice/V1/user* with attributes *"sort[user]":"lastName"* would return all user records to the client sorted *ascending* by the last name. Sending the POST request with this URL: *http://fakeservice/V1/user* with attributes *"sort[user]":"-lastName"* would return all user records to the client sorted *descending* by the last name.
- Filtering – a client can specify which fields should be used to filter the data to be retrieved. For example, making a POST request to the URL: *http://fakeservice/V1/user* with attributes *"filter[user.lastName]":"Smith"* would retrieve all user records with the last name of 'Smith.'
- Pagination – a client can specify which pagination settings they prefer to be applied to their data. For example, making a POST request to the URL: *http://fakeservice/V1/user* with attributes *"page[size]":"10","page[number]":"1"* would return all user records to the client, but would only return 10 records at a time and would contain records 1-10 as the user requested the first page number. The content of the response would also contain metadata to retrieve the remaining data. Note that the client must specify both the page size and page number parameters when making the request. If the client specifies a value above 250 (the DNP API maximum retrieval size per resource), then the value will be adjusted to 250 and the pagination fields will reflect this.

- Combination – all of these attributes can be combined into a single request. This URL: *http://fakeservice/V1/user with attributes "fields[user]":"firstName,lastName","sort[user]":"firstName","filter[user.lastName]":"Smith", "page[size]":"10","page[number]":"1"* would return only the firstName and lastName fields of any users with the last name of 'Smith', the results would be sorted by first name, only up to 10 results would be retrieved at a time, and the first page of data would be returned in the response.

JSON API also defines strict rules for the formatting of any message body returned from a request. The jsonapi.org page is a good reference for these rules, but the DNP API has some specifics to consider:

- Whenever pagination is used, there are additional variables provided in the *meta* section of the message. See the pagination section below for more details.

- Every request the DNP API responds to will contain a 'transaction-id' in the *meta* element of the message body. This will be a unique value for each search and should be used in subsequent requests tied to the original search. For example, Outcome data based on a prior search should always be sent with the transaction-id of the original search, and this data should be provided in the *meta* section of the response.

- If a client needs the DNP API to echo their own unique transaction id the attribute 'client-transaction-id' should be sent. If a client sends a request with a client-transaction-id field, it will be sent back in the message reply in the *meta* section of the message body.

- When a POST request is received from a client (a request to create a resource) it is **NOT** expected that a client will provide an ID for the JSON API message content.

  Additionally, a JSON API message may not be returned, depending on the nature of the request. For example, a status code of 201 or 202 returned from a POST request indicates that the server successfully received and processed the request but the resulting content is not available to the client. In these situations a response message will still be provided, but will largely be empty, other than a 'transaction-id' and 'client-transaction-id' (if one was provided).

- The fields 'remote-user' and 'remote-user-location' can be provided to the DNP API for each client request. These correspond to the unique id of the user in the origin system as well as that user's location. If provided these will be logged in association with each transaction.

- When errors are returned from the API both the http status code and the status code returned in the "errors" portion of the response message will either be a 400 or 500. An error code of 400 typically means that something was invalid in the request (bad parameters, etc.) and an error code of 500 typically means that something is failing within the API (internal connectivity, etc.).

- When API responses are returned to the client, there is a field in the meta section of the response called 'server-timezone' that contains the timezone in which the API/data store are running. Possible values include EST (eastern timezone) and UTC (coordinated universal time).

# SERVICE VERSIONING STRATEGY

The DNP API contains a version number (e.g., V1) at the base of its URL endpoints. This is provided to ensure that if future changes are introduced which would cause a conflict for existing clients, older API versions can be maintained for compatibility. The DNP API uses what is known as an additive versioning strategy. This means that the only conditions under which a new API version will be created are:

- An existing resource type is removed or renamed. In the previous examples, renaming the 'user' resource to 'system_user' or removing it altogether would result in a new service version. The older version would continue to support the original 'user' resource.
- An existing resource has one of its fields removed or renamed. In the previous examples, renaming the 'lastName' field to 'last_name' or removing it altogether would result in a new service version. The older version would keep the original 'lastName' field.
- The URL structure changes. In the previous examples, changing the URL from: *http://fakeservice/V1/user* to *http://fakeservice/V1/system_user* would result in a new service version (and change the V1 to V2). The older version would continue using the /user endpoint.
- Changes to required HTTP headers. If an existing web endpoint has a new required header added (e.g., content-type, accepts) or changed, a new service version would be created. The older version would continue to support the original headers.

Equally important, changes which will NOT result in a new service version are:

- A new resource type is added. In the case of the DNP API, if a new data source was added to the API and a client was granted access, that client's queries could now potentially contain a new resource type. This will not result in a new service version, and it would be expected that the client not fail because of this new resource.
- A new field is added to an existing resource. In the previous examples if the field 'middleName' was added to the 'user' resource a new service version would not be created. It would be expected that the client not fail because of this new field.
- New additions are made to the URL/endpoints of the existing service. In the previous examples, if the API was changed to now support the URL: *http://fakeservice/V1/organization* in addition to the existing URL: *http://fakeservice/V1/user*, a new service version would not be created. It would be expected that the client not fail because of this new URL.
- Changes to URLs not related to application functionality. For example, if an infrastructure change required that the URL: *http://fakeservice/V1/* be changed to: *http://differentfakeservice/V1/*, this would not necessarily result in a new service version. It is presumed that in this type of situation a temporary redirect or joint deployment may be used.

In general, anything that is added to the DNP API will likely not result in a new service version, whereas changes to existing resources and functionality would likely necessitate a new version.

New versions would increment the base version in the service endpoints (e.g., V1 would change to V2).

# PAGINATION

When data source searches are performed against the DNP API, there are default pagination limits applied of 250 records per data source. Therefore, if a client performs a single search against 2 data sources, the maximum rows which could be returned are 500, or 250 rows for each data source. As previously mentioned, a client can specify its own pagination values for page size/number in the request, but this value will be changed to 250 if a greater value is requested. If the results of a search are paginated, the following fields will be added to the response.

**Note:** total-count will *always* be returned in the meta section, regardless of pagination.

- JSON API allows for an optional top-level element called 'links' to be present in a response. However, all DNP API searches are done via POST requests so these will not be present in the response. Instead, the pagination fields below can be used for this purpose.
- The top-level *meta* element will contain the following elements, used to aid in client processing:
    - page-size – this contains the number of records returned for each page
    - current-page – this contains the current page of data
    - total-count – this contains the total number of records for all pages of data
    - total-pages – this contains the total number of pages, based on the page-size and total-count elements

  See the example below. The sample data used to produce this contains 1005 total records, and this is the first response containing the data from page 1, and the page size is specified as 25. Note that the same five links are always provided even though the previous/first/self links contain the same values.

```
{
  "data": [     data would go here...
  ],
  "meta": {
    "page-size": "25",
    "current-page": "1",
    "total-count": "1005",
    "total-pages": "41"
  }
}
```

## Search Methodology

Within the API searches are done via a POST method that contains the following jsonapi-compliant message:

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "queryParameter1":"queryValue1",
      "queryParameter2":"queryValue2",
      "queryParameter3":"queryValue3"
    }
  }
 ]
}
```

Where the queryParameter/queryValue entries represent query parameters that would normally be presented in the URL. For example, a GET URL that looks like this:

http://server/services/V1/datasource?filter[businessName]=ShoeMart

Would be represented by a POST request with a body that looks like this:

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "filter[businessName]":"ShoeMart"
    }
  }
 ]
}
```

Literally any query parameter normally sent in a normal query string would be included in the attributes json element, without the ? and & separators.

# SEARCH FIELD RESTRICTIONS

Only certain fields can be used to search data sources through the DNP API. The specifics of which fields can be used on which data sources are defined in the next section of this document.

If a multi-data source search is executed and the correct fields are not provided for a particular data source, it will be dropped from the request. Certain fields, like firstName and lastName, are allowed to be used in data source searches but must be provided together. Certain fields must be provided if a corresponding field is provided, like UEI if EFT Indicator is provided. A client can choose to search a single data source (e.g., /datasource/dmf), a subset of allowed data sources (e.g., /datasource/dmf,ofac), or all allowed data sources (e.g., /datasource) in a single search.

Examples are given for each data source below.

In addition, there is validation/rejection that can occur based on characters used in a search. The only characters allowed in URL search fields are:

- Lower case letters a-z
- Upper case letters A-Z
- Numbers 0-9
- Whitespace
- Additional allowed characters:
  - `
  - (
  - )
  - [
  - ]
  - .
  - :
  - &
  - ,
  - _
  - -
  - @
  - $
  - !
  - ?
  - /

Please note that commas should only be used in search fields to separate individual entities you wish to query. For example, you should not use commas before suffixes as in the example below:

"filter[aisObituary.firstName]":"John, Jr","filter[aisObituary.lastName]":"Doe"

The system will interpret this as a search for aisObituary matches against both John and Jr.

# INCLUDED/EXCLUDED RESOURCES

When data source searches are performed against the DNP API, there is a possibility that not all data sources can be searched with the criteria provided. For example, if an agency has access to both the DMF and OFAC data sources and performs a single search against these data sources using an SSN/EIN/TIN, then only DMF can be searched since OFAC does not have SSN/EIN/TIN. There are two JSON data arrays returned in the "meta" section of the response called "includedResources" and "excludedResources." In the above example, includedResources would contain a single entry for DMF and excludedResources would contain a single entry for OFAC. See the example below for reference.


```
{
  "data": [...data would be included here...],
  "meta": {
    "transaction-id": "12345",
    "total-count": "0",
    "excludedResources": ["ofac"],
    "includedResources": ["dmf"]
  }
}
```

# SEARCHING MULTIPLE RESOURCES AT ONCE

It is possible to search more than one data source in a single request. Consider the following examples of request URLs and how they apply search criteria. Assume that the client making the request has access to the DMF, OFAC, and CAIVRS data sources (see data source definitions in the document below).

The example below will search all of the client's data sources using a TIN of 123456789. OFAC cannot be searched by TIN and will therefore be skipped, but DMF and CAIVRS will be searched
**URL:** http://server/services/V1/datasource

**POST Body:**

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "filter[tin]":"123456789"
    }
  }
 ]
}
```

The example below will search all of the client's data sources using a First Name field of John and a Last Name field of Doe. CAIVRS cannot be searched by First/Last Name and will be skipped, but DMF and OFAC will be searched
**URL:** http://server/services/V1/datasource

**POST Body:**

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "filter[firstName]":"John",
      "filter[firstName]":"Doe"
    }
  }
 ]
}
```

In the example below all 3 data sources will be searched. The CAIVRS and DMF searches will use the TIN parameter and the OFAC search will use First/Last Name. Note that DMF can be searched by either TIN or First/Last Name, but TIN will give a more conclusive match so it is used

**URL:** http://server/services/V1/datasource

**POST Body:**

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "filter[firstName]":"John",
      "filter[firstName]":"Doe",
      "filter[tin]":"123456789"
    }
  }
 ]
}
```

The example below will search *only* the DMF and CAIVRS data sources using a TIN of 123456789. Subsets of data sources can be used in this way

**URL:** http://server/services/V1/datasource/dmf,caivrs

**POST Body:**

```
{
"data":[
 {
   "type":"datasourceSearch",
   "attributes":
    {
      "filter[tin]":"123456789"
    }
  }
 ]
}
```

In summary, if no data sources are included in the request URL then all of the available data sources will be searched, if the proper search fields are provided. A client can also include 1 or many data sources in the URL path to limit the scope of the search.

# SEARCH CRITERIA

When data source searches are performed an additional field will be returned in the response called "searchCriteria" which identifies exactly which search field was used to match the record. The possible values for this field are: SSN/EIN/TIN, NAME, UEI, EFT INDICATOR, BUSINESS NAME.

Note also that when searches are done on fields like First Name/Last Name/Business Name no pre-formatting should be applied to the name values. For example, if a client is searching for a Business Name match on "Bank of Washington," this value should be passed to the API "as is" rather than applying formatting like "BANKOFWASHINGTON," "BANKWASHINGTON," or "WASHINGTONBANKOF." Applying formatting before the search lowers the odds of a positive match.

# SEARCHING MULTIPLE ENTITIES WITH A SINGLE API CALL

It is possible to search for multiple entities using a single API call. Appropriate DNP legal review must be completed in order to allow your access group to search multiple entities with a single call. This access will be defined at the access group and data source level. Guidelines and examples regarding multiple-entity API calls are provided below:

- Separate searched entities using commas. Multiple entities must include an equal number of searched parameters (e.g., five first names must be accompanied by five last names).
    - **Sample Request:** "filter[firstName]":"Barton,Adam","filter[lastName]":"Halifax,Boyer"
- Searched entities cannot include commas in their names when including suffixes, titles, etc. The API will interpret these as distinct entities which will likely result in a failed call.
    - **Example: "**filter[firstName]":"Barton,Adam","filter[lastName]":"Halifax,Jr,Boyer,EsqWeb"

# SERVICE CATALOG

## Ping

The ping service is designed for a client to call as a health check of the DNP API. There are no required arguments, and the response will be a JSON API message with an empty "data" element and a *meta* value called "ping-response." A value of "false" in this field indicates that the API is not in a valid state to process requests, and a value of "true" indicates normal availability. There is also a "release" field which indicates the release version of the API being accessed. This is a value managed and communicated by the DNP technical team.

## Usage

| | |
|---|---|
| URI | /ping |
| Access Requirements | none |
| Sample Response | {<br>"data": [],<br>"meta": {<br>"ping-response": "true"<br>"release": "5.6"<br>}<br>} |

# SEARCH AND RESPONSE INFORMATION BY AVAILABLE DATA SOURCE

While all data sources offered by DNP are covered in this document, not all data sources are used by most agencies or programs.

Please refer to the sections referencing the data sources approved for your agency/program API implementation.

All data source queries will return the searchCriteria used in the search. This will display as a string value (e.g., TIN) in the response.

**Note:** You may see "Private," or "PRIV" in some data values in the tables below. This is the same as "Restricted" data sources.

# AMERICAN INFOSOURCE DEATH DATA – OBITUARY (AIS-OBIT)

☐ Your agency is approved to access this data source.

American InfoSource Death Data - Obituary (AIS-OBIT) contains death information sourced using obituary records obtained from funeral homes and newspapers.

## AIS OBIT Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| First Name | First name of the deceased individual. |
| Last Name | Last name of the deceased individual. |

## AIS OBIT Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |

## AIS OBIT Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| Name | Name of deceased individual. |
| Death Date | Date of death as provided by AIS (YYYY-MM-DD). |
| Birth Date | Date of birth provided by AIS (YYYY-MM-DD). |
| Address Line 1 | Street Address Line one of the deceased individual's last residence address. |
| Address Line 2 | Street Address Line two of the deceased individual's last residence address. |
| City | City of the deceased individual's last residence address. |
| State | State of the deceased individual's last residence address. |
| Postal Code | Postal Code of the deceased individual's last residence address. |
| As-of Date | The date that the data source resource was last updated. |

## AIS OBIT Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | | Yes | |
| Death Date | deathDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Birth Date | birthDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Address Line 1 | addressLine1 | Character | 150 | | No | |
| Address Line 2 | addressLine2 | Character | 150 | | No | |
| City | city | Character | 50 | | No | |
| State | stateCode | Character | 2 | | No | |
| ZIP | postalCode | Character | 10 | | No | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | AIS-OBIT | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## AIS OBIT Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/aisObituary |
| Access Requirements | Client's Access Group must have access to aisObituary datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"srcSysTypeCdDesc": "AIS-OBIT",<br>"city": "STATEN ISLAND",<br>"searchCriteria": "SSN/EIN/TIN",<br>"postalCode": "51035",<br>"name": "DIRINA HAWA WAYE",<br>"tin": "078238529",<br>"deathDate": "2005-03-30",<br>"addressLine1": "5654 HARDESTY STREET",<br>"stateCode": "IN",<br>"asOfDate": "05/11/2021",<br>"birthDate": "1900-10-20"<br>},<br>"id": "2879225329",<br>"type": "aisObituary" }]<br>} |

# AMERICAN INFOSOURCE DEATH DATA – PROBATE (AIS-PROB)

☐ Your agency is approved to access this data source.

American InfoSource Death Data - Probate (AIS-PROB) contains death information sourced using U.S. probate court records.

## AIS PROB Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| First Name | First name of the deceased individual. |
| Last Name | Last name of the deceased individual. |

## AIS PROB Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |

## AIS PROB Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| Name | Name of deceased individual. |
| Death Date | Date of death as provided by AIS (YYYY-MM-DD). |
| Birth Date | Date of birth provided by AIS (YYYY-MM-DD). |
| Address Line 1 | Street Address Line one of the deceased individual's last residence address. |
| Address Line 2 | Street Address Line two of the deceased individual's last residence address. |
| City | City of the deceased individual's last residence address. |
| State | State of the deceased individual's last residence address. |
| ZIP | ZIP of the deceased individual's last residence address. |
| As-of Date | The date that the data source resource was last updated. |

## AIS PROB Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | | Yes | |
| Death Date | deathDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Birth Date | birthDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Address Line 1 | addressLine1 | Character | 150 | | No | |
| Address Line 2 | addressLine2 | Character | 150 | | No | |
| City | city | Character | 50 | | No | |
| State | stateCode | Character | 2 | | No | |
| ZIP | postalCode | Character | 10 | | No | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | AIS-PROB | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## AIS PROB Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/aisProbate |
| Access Requirements | Client's Access Group must have access to aisProbate datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"srcSysTypeCdDesc": "AIS-PROB",<br>"city": "KERRVILLE",<br>"searchCriteria": "SSN/EIN/TIN",<br>"postalCode": "18513",<br>"name": "ADAM BOYER",<br>"tin": "896903212",<br>"addressLine1": "95 FOUNTAIN ST",<br>"stateCode": "CO",<br>"asOfDate": "05/11/2021"<br>},<br>"id": "2879283070",<br>"type": "aisProbate" }<br>]<br>} |

# AUTOMATIC REVOCATION OF EXEMPTION LIST (ARL)

☐ Your agency is approved to access this data source.

The Internal Revenue Service (IRS) Automatic Revocation of Exemption List data source (ARL) provides information regarding tax-exempt status revocation when an organization does not file required Form 990-series returns or notices annually for three consecutive years.

## ARL Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The EIN, or Employer Identification Number, is also known as a federal Tax Identification Number (TIN) and is used to identify a business or nonprofit entity. An EIN is a unique 9-digit number, similar to a Social Security Number for an individual. |
| Business Name | The primary name by which the organization is listed in IRS records. |

## ARL Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Business Name | businessName | Character | 200 | | No | |

## ARL Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The EIN, or Employer Identification Number, is also known as a federal Tax Identification Number (TIN) and is used to identify a business or nonprofit entity. An EIN is a unique 9-digit number, similar to a Social Security Number for an individual. |
| Name | The primary name by which the organization is listed in IRS records. |
| Business Name | The primary name by which the organization is listed in IRS records. |
| Also Known As | Any other name the organization uses. |
| Address Line 1 | The organization's last known STREET address. |
| City Name | The city in which the organization's last known mailing address is located. |
| State Code | The state in which the organization's last known mailing address is located. |
| Postal Code | The zip code in which the organization's last known mailing address is located. |
| Country Code | The country in which the organization's last known mailing address is located. |
| Exemption Type | The code associated with the section of the Internal Revenue Code that describes the type of organization. |
| Exemption Type Description | The section of the Internal Revenue Code that describes the type of organization. |
| Revocation Date | The effective date that the organization's federal tax exemption was automatically revoked for not filing a Form 990-series return or notice for three consecutive years. |
| Revocation Date Text | Text format of the effective date that the organization's federal tax exemption was automatically revoked for not filing a Form 990-series return or notice for three consecutive years. |
| Revocation Posting Date | The date on which the IRS posted notice of the organization's automatic revocation on IRS.gov. |
| Revocation Posting Date Text | Text format of the date on which the IRS posted notice of the organization's automatic revocation on IRS.gov. |
| Exemption Reinstatement Date | The organization's effective date of tax exemption, determined by the IRS after the organization's exemption was automatically revoked and the organization applied for reinstatement of exemption. |
| Exemption Reinstatement Date Text | The organization's effective date of tax exemption, determined by the IRS after the organization's exemption was automatically revoked and the organization applied for reinstatement of exemption. |
| As-of Date | The date that the data source resource was last updated. |

## ARL Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | | No | |
| Business Name | businessName | Character | 200 | | No | |
| Also Known As | alsoKnownAs | Character | 256 | | Yes | |
| Address Line 1 | addressLine1 | Character | 150 | | No | |
| City Name | cityName | Character | 50 | | No | |
| State Code | stateCode | Character | 2 | | No | |
| Postal Code | postalCode | Character | 15 | | No | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Country Code | countryCode | Character | 3 | | No | |
| Exemption Type | searchExemptionType | Character | 256 | | No | |
| Exemption Type Description | searchExemptionTypeDesc | Character | 256 | | Yes | |
| Revocation Date | searchRevocationDt | Date | 10 | YYYY-MM-DD | No | |
| Revocation Date Text | searchRevocationDateTxt | Character | 11 | DD-MMM-YYYY | No | |
| Revocation Posting Date | searchRevocationPostingDt | Date | 10 | YYYY-MM-DD | No | |
| Revocation Posting Date Text | searchRevocationPostingDateTxt | Character | 11 | DD-MMM-YYYY | No | |
| Exemption Reinstatement Date | searchExemptionReinstatementDt | Date | 10 | YYYY-MM-DD | Yes | |
| Exemption Reinstatement Date Text | searchExemptionReinstatementDateTxt | Character | 11 | DD-MMM-YYYY | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | ARL | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## ARL Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/arl |
| Access Requirements | Client's Access Group must have access to arl datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"srcSysTypeCdDesc": "ARL",<br>"city": "TOWNSVILLE",<br>"postalCode": "12345",<br>"businessName": "ACME",<br>"tin": "123456789",<br>"revocationDate": "01/01/2000",<br>"addressLine1": "LINE 1",<br>"addressLine2": "LINE 2",<br>"stateCode": "MO",<br>"reinstatementDate": "01/01/1900"<br>},<br>"id": "987654321",<br>"type": "arl"<br>}]<br>} |

# BUREAU OF PRISONS (BOP)

☐ Your agency is approved to access this data source.

Bureau of Prisons contains information regarding individuals who have been incarcerated under the jurisdiction of the Federal Attorney General. Includes records of inmates currently incarcerated as well as those who have been incarcerated within the past 10 years.

## BOP Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual on the incarceration list. |
| First Name | First name of the incarcerated individual. |
| Last Name | Last name of the incarcerated individual. |

## BOP Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |

## BOP Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Birth Date | Date of birth provided by BOP (YYYY-MM-DD). |
| Sentence Length | The length of time the incarcerated individual is currently expected to serve. |
| Source System Type Code Description | The name of the data source returned. |
| Party Type Code | The type of entity (Individual, Group, Unknown). |
| Federal Register Number | An identification number assigned to an inmate by the Federal Bureau of Prisons. |
| Confinement Place | Federal incarceration facility where the inmate is being held. |
| Name | Name of incarcerated individual. |
| TIN | The Social Security Number of the incarcerated individual. |
| Sentence Start Date | The date reported by the Federal Bureau of Prisons as the beginning of the incarcerated individual's sentence. |
| Release Date | The date reported by the Federal Bureau of Prisons as the release date of the incarcerated individual. |
| Tax ID Type | The identification classification of the incarcerated individual. |
| As-of Date | The date that the data source resource was last updated. |

## BOP Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Birth Date | birthDate | Date | 10 | MM/DD/YYYY | No | |
| Sentence Length | sentenceLength | Character | 30 | | No | |
| Source System Type Code Description | srcSysTypeCdDesc | Character | 40 | | No | |
| Party Type Code | partyTypeCode | Character | 4 | | No | |
| Federal Register Number | federalRegisterNbr | Character | 8 | | No | |
| Confinement Place | confinementPlace | Character | 30 | | No | |
| Name | name | Character | 200 | | No | |
| TIN | tin | Character | 9 | | No | |
| Sentence Start Date | sentenceStartDt | Date | 10 | MM/DD/YYYY | Yes | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Release Date | releaseDt | Date | 10 | MM/DD/YYYY | Yes | |
| Tax ID Type | taxIdType | Character | 4 | | Yes | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## BOP Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/bop |
| Access Requirements | Client's Access Group must have access to bop datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"releaseDt": "20026-07-01",<br>"srcSysTypeCdDesc": "BOP",<br>"searchCriteria": "SSN/EIN/TIN",<br>"birthDate": "1982-01-20",<br>"sentenceLength": "9 YEARS 9 MONTHS 6 DAYS",<br>"srcSysTypeCd": "BOP",<br>"partyTypeCode": "I",<br>"federalRegisterNbr": "51259757",<br>"confinementPlace": "HONOLULU FDC",<br>"name": "AMY JOHNSON DDS",<br>"tin": "859320277",<br>"sentenceStartDt": "2010-09-08",<br>"taxIdType": "SSN",<br>"asOfDate": "2024-09-16"<br>},<br>"id": "2890819463",<br>"type": "bop"<br>} |

# CREDIT ALERT SYSTEM (CAIVRS)

☐ Your agency is approved to access this data source.

Credit Alert System data source (CAIVRS) is a database created by the federal government to track people who have defaulted on any federal debts or obligations, have had claims paid on direct or guaranteed federal loans, have a federal lien, judgment or a federal loan that is currently in default or foreclosure, or have had a claim paid by a reporting agency.

DNP receives delinquency data from only the following federal agencies:

- Department of Housing and Urban Development (HUD),
- Department of Veterans Affairs (VA),
- Department of Agriculture (USDA),
- Small Business Administration (SBA),
- Department of Justice (DOJ).
  - The DOJ sends three additional data fields that are not present in the other sources.

## CAIVRS Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number (SSN), Employer Identification Number (EIN) or Taxpayer Identification Number (TIN) of the borrower on a delinquent or defaulted federal direct loan or federally-guaranteed loan. |

## CAIVRS Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |

## CAIVRS Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number (SSN), Employer Identification Number (EIN) or Taxpayer Identification Number (TIN) of the borrower on a delinquent or defaulted federal direct loan or federally-guaranteed loan. |
| Tax ID Type | Short description of the Borrower's Tax ID type used in the CAIVRS record (SSN, EIN, TIN). |
| Agency | A text description of the reporting agency. For example, FHA Title 1; Department of Veterans Affairs. |
| Case Type | A text description of the Case Type Code. For example, Lien; Default. |
| Case Number | A reference number issued by the reporting agency for the delinquent or defaulted federal direct loan or federally-guaranteed loan. |
| Collection Code | A reference number for distinguishing collection district (example: TXW). |
| Collection Description | Collection district description. For example, TXW=Western District of Texas. |
| Phone Number | Phone number of the distinguishing collection district. |
| Source Content Description | An abbreviated description of the data source. |
| As-of Date | The date that the data source resource was last updated. |

## CAIVRS Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Tax ID Type | taxIdType | Character | 4 | Values:<br>SSN, EIN, TIN | Yes | |
| Agency | agencyName | Character | 256 | Values:<br>-FHA Title 1<br>-Department of Veterans Affairs<br>-USDA-Rural Housing<br>-Small Business Administration<br>-Department of Justice – Combined<br>-HUD Generic Debt<br>-USDA Rural Development Debt | Yes | |
| Case Type | caseType | Character | 256 | Values:<br>-Claim<br>-Default<br>-Foreclosure<br>-Lien Judgement | Yes | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Case Number | caseNumber | Character | 9 | | Yes | |
| Collection Code | collectionCode | Character | 5 | Example Values:<br>-TXW<br>-NCW | Yes | Dept. of Justice (DOJ) only |
| Collection Description | collectionDescription | Character | 100 | Example Values:<br>-Western District of Texas<br>-Western District of North Carolina | Yes | Dept. of Justice (DOJ) only |
| Phone Number | phoneNumber | Character | 20 | Example Value:<br>9135551212 | Yes | Dept. of Justice (DOJ) only |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | CAIVRS | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## CAIVRS Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/caivrs |
| Access Requirements | Client's Access Group must have access to caivrs datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"caseNumber": "987654321",<br>"tin": "123456789",<br>"taxIdType": "TIN",<br>"agencyName": "ABC",<br>"collectionCode": "Sample Code",<br>"collectionDescription": "Test Description",<br>"phoneNumber": "555-555-5555",<br>"caseType": "DEFAULT",<br>"srcSysTypeCdDesc": "CAIVRS"<br>},<br>"id": "822223256",<br>"type": "caivrs"<br>}]<br>} |

# DEATH MASTER FILE-FULL (DMF-FULL)

☐ Your agency is approved to access this data source.

The Death Master File-Full (DMF-Full) is a data source containing records of deaths reported to the Social Security Administration (SSA). The deaths reported to SSA come from many sources, including family members, funeral homes, financial institutions, postal authorities, state information, and other federal agencies. ***Does contain vital death records from states.***

## DMF-Full Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| First Name | First name of the deceased individual. |
| Last Name | Last name of the deceased individual. |

## DMF-Full Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 15 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 20 | | Yes | Both first name and last name must be sent in the request. |

## DMF-Full Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| Name | Name of deceased individual. |
| Death Date | Date of death as provided by SSA (YYYY-MM-DD). |
| Birth Date | Date of birth provided by SSA (YYYY-MM-DD). |
| Verify or Proof | A one-character code which indicates that a death has been Verified (V) or that a death certificate has been observed (Proof (P)). |
| Source Content Description | An abbreviated description of the data source. |
| As-of Date | The date that the data source resource was last updated. |

## DMF-Full Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | Format: first name middle name last name | Yes | |
| Death Date | deathDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Birth Date | birthDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Verify or Proof | verifyOrProof | Character | 30 | Values: V, P, N/A | Yes | V= VERIFIED - BY FAMILY MEMBER OR FUNERAL HOME<br><br>P= PROOF - DEATH CERTIFICATE<br><br>N/A= NO VERIFICATION HAS OCCURRED |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | DMF | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## DMF-Full Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/dmf |
| Access Requirements | Client's Access Group must have access to dmf datasource |
| Sample Response | {<br>"data": [<br>"attributes": {<br>"srcSysTypeCdDesc": "DMF",<br>"searchCriteria": "SSN/EIN/TIN",<br>"name": "ROSEMARIE KIRCHNER",<br>"tin": "193182907",<br>"deathDate": "2004-04-21",<br>"asOfDate": "05/23/2024",<br>"birthDate": "1938-11-27",<br>"verifyOrProof": "V"<br>},<br>"id": "2884019137",<br>"type": "dmf"<br>}<br>]<br>} |

# DEPARTMENT OF DEFENSE DEATH DATA (DOD)

☐ Your agency is approved to access this data source.

The Department of Defense death data source (DOD) contains information on active-duty United States military and Reserves regarding confirmed or presumed deaths.

## DOD Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| First Name | First name of the deceased individual. |
| Last Name | Last name of the deceased individual. |

## DOD Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 256 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 256 | | Yes | Both first name and last name must be sent in the request. |

## DOD Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| Name | Name of deceased individual. |
| Death Date | Date of death as provided by DoD (YYYY-MM-DD). |
| Birth Date | Date of birth provided by DoD (YYYY-MM-DD). |
| As-of Date | The date that the data source resource was last updated. |

## DOD Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | Format: first name middle name last name | Yes | |
| Death Date | deathDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Birth Date | birthDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | DOD | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## DOD Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/dod |
| Access Requirements | Client's Access Group must have access to dod datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"srcSysTypeCdDesc": "DOD",<br>"searchCriteria": "SSN/EIN/TIN",<br>"name": "ADAM BOYER",<br>"tin": "896903212",<br>"deathDate": "2018-08-01",<br>"asOfDate": "04/26/2023",<br>"birthDate": "1990-10-26"<br>},<br>"id": "2879334956",<br>"type": "dod"<br>}<br>]<br>} |

# DEPARTMENT OF STATE DEATH DATA (DOS)

☐ Your agency is approved to access this data source.

Department of State death data source (DOS) contains records of American Citizens who are deceased or presumed deceased while abroad, as reported by U.S. embassies or consulates upon its receipt of a foreign death certificate or finding of death by a local competent authority.

## DOS Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| First Name | First name of the deceased individual. |
| Last Name | Last name of the deceased individual. |

## DOS Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 256 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 256 | | Yes | Both first name and last name must be sent in the request. |

## DOS Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The Social Security Number of the deceased individual. |
| Name | Name of deceased individual. |
| Death Date | Date of death as provided by DOS (YYYY-MM-DD). |
| Birth Date | Date of birth provided by DOS (YYYY-MM-DD). |
| As-of Date | The date that the data source resource was last updated. |

## DOS Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | Format: first name middle name last name | Yes | |
| Death Date | deathDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Birth Date | birthDate | Character | 10 | Format: YYYY-MM-DD | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | DOS | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## DOS Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/dos |
| Access Requirements | Client's Access Group must have access to dos datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"srcSysTypeCdDesc": "DOS",<br>"searchCriteria": "SSN/EIN/TIN",<br>"name": "BOYER ADAM",<br>"tin": "896903212",<br>"deathDate": "2018-08-01",<br>"asOfDate": "04/25/2023",<br>"birthDate": "1990-10-26"<br>},<br>"id": "2879179641",<br>"type": "dos"<br>}<br>]<br>} |

# FORM 990-N (e-Postcard)

☐ Your agency is approved to access this data source.

The Internal Revenue Service (IRS) Form 990-N (e-Postcard) data source is an annual electronic notice most small tax-exempt organizations (annual gross receipts normally $50,000 or less) are eligible to file.

## Form 990-N Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The EIN, or Employer Identification Number, is also known as a federal Tax Identification Number (TIN) and is used to identify a business or nonprofit entity. An EIN is a unique 9-digit number, similar to a Social Security Number for an individual. |
| Business Name | The primary name by which the organization is listed in IRS records. |

## Form 990-N Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Business Name | businessName | Character | 200 | | No | |

## Form 990-N Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | The EIN, or Employer Identification Number, is also known as a federal Tax Identification Number (TIN) and is used to identify a business or nonprofit entity. An EIN is a unique 9-digit number, similar to a Social Security Number for an individual. |
| Name | The primary name by which the organization is listed in IRS records. |
| Business Name | The primary name by which the organization is listed in IRS records. |
| Receipt Under Allowance | The amount the organization's gross receipts are equal to or less than. |
| Tax Period Begin Date | The tax period begin date for the organization's exemption. |
| Tax Period End Date | The tax period end date that the organization's exemption runs through. |
| Tax Year | The tax period year that the organization's exemption runs through. |
| Mailing Address Line 1 | The street address for the organization's last known mailing address. |
| Mailing City | The city in which the organization's last known mailing address is located. |
| Mailing State | The state in which the organization's last known mailing address is located. |
| Mailing Zip | The zip code in which the organization's last known mailing address is located. |
| Mailing Country | The country in which the organization's last known mailing address is located. |
| Officer Name | Name of the organization's Principal Officer. |
| Officer Address line 1 | Street address of the organization's Principal Officer. |
| Officer City | The city in which the organization's Principal Officer's last known mailing address is located. |
| Officer State Code | The State in which the organization's Principal Officer's last known mailing address is located. |
| Officer Zip | The zip code of the organization's last known mailing address. |
| Organization Has Terminated | Indicates whether or not the organization's exempt status has terminated. |
| Tax ID Type | Indicates the TIN type of the organization (EIN/SSN/TIN). |
| Company URL | The URL address of the organization as it appears in the original data source. |
| Source System Type Code | The name of the data source returned. |
| Source System Type Code Description | The full name of the data source returned. |
| Party Type Code | The type of entity (Individual, Group, Unknown). |
| As-of Date | The date that the data source resource was last updated. |

## Form 990-N Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | |
| Name | name | Character | 200 | | No | |
| Business Name | businessName | Character | 200 | | No | |
| Receipt Under Allowance | receiptUnderAllowance | Character | 5 | 50000 | No | |
| Tax Period Begin Date | taxPeriodBeginDate | Date | 10 | YYYY-MM-DD | No | Date |
| Tax Period End Date | taxPeriodEndDate | Date | 10 | YYYY-MM-DD | No | Date |
| Tax Year | taxYear | Character | 256 | | No | |
| Mailing Address Line 1 | mailingAddrLine1 | Character | 150 | | No | |
| Mailing City | mailingCity | Character | 50 | | No | |
| Mailing State | mailingState | Character | 2 | | No | |
| Mailing Zip | mailingZip | Character | 15 | | No | |
| Mailing Country | mailingCountry | Character | 3 | | No | |
| Officer Name | officerName | Character | 60 | | Yes | |
| Officer Address Line 1 | officerAddressLine1 | Character | 150 | | Yes | |
| Officer City | officerCity | Character | 50 | | Yes | |
| Officer State Code | officerStateCd | Character | 50 | | Yes | |
| Officer Zip | officerPostalCd | Character | 15 | | Yes | |
| Organization Has Terminated | terminated | Character | 256 | | No | |
| Tax ID Type | taxIdType | Character | 4 | | No | |
| Company URL | companyUrl | Character | 200 | | Yes | |
| Source System Type Code | srcSysTypeCd | Character | 40 | 990-N | No | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Source System Type Code Description | srcSysTypeCdDesc | Character | 500 | 990-N | No | |
| Party Type Code | type | Character | 4 | I, G, U | No | |
| As-of Date | asOfDate | Date | 10 | YYYY-MM-DD | No | Date |

## Form 990-N Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/form990n |
| Access Requirements | Client's Access Group must have access to 990n data source |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"receiptUnderAllowance": "50000",<br>"searchCriteria": "SSN/EIN/TIN",<br>"businessName": "SUGME",<br>"taxPeriodEndDate": "12/31/2017",<br>"companyUrl": "WWW.SUGME.ORG",<br>"type": "U",<br>"mailingZip": "04280",<br>"officerAddressLine1": "108 MIDDLE ROAD",<br>"officerCity": "SABATTUS",<br>"officerPostalCd": "04280",<br>"taxYear": "2017",<br>"mailingCountry": "USA",<br>"tin": "010534473",<br>"mailingAddrLine1": "108 MIDDLE ROAD",<br>"mailingState": "ME",<br>"terminated": "NO",<br>"srcSysTypeCdDesc": "990-N",<br>"mailingCity": "SABATTUS",<br>"srcSysTypeCd": "990-N",<br>"name": "SUGME",<br>"officerName": "DAVID GILBERT", |

```
      "officerStateCd": "ME",
      "taxPeriodBeginDate": "01/01/2017",
      "officerCountryCd": "USA",
      "taxIdType": "EIN",
      "asOfDate": "05/29/2023"
    },
    "id": "1747892250",
    "type": "form990n"
  }]
}
```

# LIST OF EXCLUDED INDIVIDUALS & ENTITIES (LEIE) – PUBLIC AND RESTRICTED

☐ Your agency is approved to access this data source.

The List of Excluded Individuals & Entities Public and Restricted data sources (LEIE) provide information regarding individuals and entities currently excluded from participation in Medicare, Medicaid, and all other federal health care programs. Individuals and entities who have been reinstated are removed from the LEIE. The Restricted version of LEIE includes excluded entity TIN information as well as up to five exclusion types.

LEIE is owned and administered by the Department of Health and Human Services (HHS) Office of the Inspector General (OIG).

## LEIE Search Fields - Definitions

| Data Element | Definition |
|---|---|
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual on the exclusions list. |
| First Name | First name of the individual on the exclusions list. |
| Last Name | Last name of the individual on the exclusions list. |
| Business Name | The name of the entity on the exclusions list. |
| As-of Date | The date that the data source resource was last updated. |

## LEIE Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | TIN can be used only for the Restricted version of LEIE. TIN is not available in the Public version of LEIE. |
| First Name | firstName | Character | 15 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 20 | | Yes | Both first name and last name must be sent in the request. |
| Business Name | businessName | Character | 30 | | Yes | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## LEIE Response Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual or entity on the excluded list. |
| Name | Full Name of entity. |
| General | The entity's basic type of medical practice or position. |
| Specialty | The entity's medical specialization. |
| Exclusion Program | Social Security Act Exclusion Authorities (example: 1128(a)(1)). |
| Exclusion Description | Long description of Exclusion Program. (example: Conviction of program-related crimes. Minimum Period: 5 years). |
| Exclusion Date | The date of the entity's exclusion. |
| Birth Date | The date of birth of the entity being excluded (if applicable). |
| National Provider Identifier | A unique 10-digit identification number issued to health care providers in the United States by the Centers for Medicare and Medicaid Services (CMS). |
| Waiver Date | The date the entity's exclusion status was waived. |
| Waiver State | The state in which the entity's exclusion status was waived. |
| Address Line 1 | Line 1 of the street address of the entity being excluded. |
| Address Line 2 | Line 2 of the street address of the entity being excluded. |
| City | The city for the entity being excluded. |
| State | The state for the entity being excluded. |
| ZIP | The ZIP code for the entity being excluded. |
| Country | The country for the entity being excluded. |
| Source Content Description | An abbreviated description of the data source. |
| As-of Date | The date that the data source resource was last updated. |

## LEIE Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | No | TIN can be used only for the Restricted version of LEIE. TIN is not available in the Public version of LEIE. |
| Name | name | Character | 200 | | Yes | |
| General | general | Character | 20 | | Yes | |
| Specialty | specialty | Character | 20 | | Yes | |
| Exclusion Program | exclusionCode | Character | 30 | | Yes | |
| Exclusion Description | exclusionDescription | Character | 3800 | | Yes | |
| Exclusion Date | exclusionDate | Character | 10 | MM/DD/YYYY | Yes | |
| Birth Date | birthDate | Character | 10 | MM/DD/YYYY | Yes | |
| National Provider Identifier | providerIdentifier | Character | 10 | | Yes | |
| Waiver Date | waiverDate | Character | 8 | YYYYMMDD | Yes | |
| Waiver State | waiverState | Character | 2 | | Yes | |
| Address | addressLine1 | Character | 30 | | Yes | |
| Address | addressLine2 | Character | 30 | | Yes | |
| City | city | Character | 20 | | Yes | |
| State | stateCode | Character | 2 | | Yes | |
| ZIP | postalCode | Character | 5 | | Yes | |
| Country | countryCode | Character | 3 | | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | LEIE-PRIV or LEIE-PUB | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## LEIE Usage

Note that in the examples below only [leiePrivate] is used, but you would substitute this with [leiePublic], if applicable.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/leiePrivate |
| Access Requirements | Client's Access Group must have access to leiePublic or leiePrivate datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"general": "Sample Profession",<br>"exclusionCode": "123456",<br>"exclusionDate": 01/01/2001,<br>"city": "Metropolis",<br>"countryCode": "US",<br>"postalCode": "12345",<br>"tin": "123456789",<br>"specialty": "Sample Data",<br>"name": "JOHN DOE",<br>"addressLine1": "418 2nd Street",<br>"addressLine2": "Suite B",<br>"stateCode": "NC",<br>"exclusionDescription": "Sample exclusion",<br>"birthDate": 01/01/1950,<br>"srcSysTypeCdDesc": "LEIE-PRIV"<br>},<br>"id": "10045016",<br>"type": "leiePrivate"<br>}]<br>} |

# OFFICE OF FOREIGN ASSETS CONTROL (OFAC)

☐ Your agency is approved to access this data source.

The Office of Foreign Assets Control data source (OFAC) of the U.S. Treasury administers and enforces economic and trade sanctions based on U.S. foreign policy and national security goals against targeted foreign states, organizations, and individuals. The OFAC data source also contains individuals, groups, and entities, such as terrorists and narcotics traffickers, designated under programs that are not country specific. Collectively, such individuals and companies are called "Specially Designated Nationals" or "SDNs." Their assets are blocked, and U.S. persons are generally prohibited from doing business with them.

## OFAC Search Fields - Definitions

| Data Element | Definition |
|---|---|
| First Name | First name of the individual SDN on the list. |
| Last Name | Last name of the individual SDN on the list. |
| Business Name | Business Name of Specially Designated National (SDN). This can be a business name or even the name of a vessel. |

## OFAC Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| First Name | firstName | Character | 15 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 20 | | Yes | Both first name and last name must be sent in the request. |
| Business Name | businessName | Character | 200 | | Yes | |

# OFAC Response Fields

**Important Note:** Unlike most of the other data sources, certain OFAC match detail fields (response fields) are contained within relational objects, so requesting response fields is a little different for this data source.
For the **Main** object below, you may still declare which associated data element(s) you'd like in the response. However, all other sections below represent child objects. You may choose which child objects you'd like in the response, but you must get all of the available data elements within a selected child object in each response.
See the OFAC Usage sections for instructions on how to structure your request for the main object and child objects.
Performance on child object responses will be less robust than for the main object; excluding child objects from response requests is recommended if the data is not needed.

# OFAC Main Object Response Fields - Definitions

| Data Element | Definition |
|---|---|
| Title | Position of the SDN (Specially Designated National) on the OFAC listing based upon citizenship, country, etc. Examples include Dr. and Director General. May be blank if SDN is not an individual. |
| Name | Name of Specially Designated National (SDN). This can be a person's name, business name or even the name of a vessel. |
| Type | Sanctions type: The only two valid values currently are I and B. |
| Type Description | Description of Sanctions type code: The only two valid values currently are Individual and Business. |
| Remarks | Text field for additional information concerning the SDN. Examples could include aliases, passport information position information such as "Secretary General" or "Military Leader", known organizations they are linked to, "all offices worldwide", and any other narrative information about a sanctioned party. |
| Source Content Description | An abbreviated description of the data source. |
| As-of Date | The date that the data source resource was last updated. |

## OFAC Main Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Title | title | Character | 200 | | Yes | |
| Name | name | Character | 200 | | Yes | |
| Type | type | Character | 1 | Valid values:<br>- I<br>- B | Yes | |
| Type Description | typeDescription | Character | 256 | Valid values:<br>- Individual<br>- Business | Yes | |
| Remarks | remarks | Character | 1000 | | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | OFAC | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## OFAC Main Object Response Fields – Usage

The information below highlights usage when retrieving the primary OFAC fields.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/ofac |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [{<br>"attributes": {<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "TITLE",<br>"srcSysTypeCdDesc": "OFAC"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Address Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Address | Street Address Line 1 of the Specially Designated National. |
| Address 2 | Second line of Street Address of the Specially Designated National. |
| Address 3 | Third line of Street Address of the Specially Designated National. |
| City | City of the Specially Designated National. |
| State | State/Province of the Specially Designated National. |
| Postal Code | Postal Code of the Specially Designated National. This can be either a US Zip code or international postal code. |
| Country | Country of the Specially Designated National. |

## OFAC Address Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Address | addressLine1 | Character | 150 | | Yes | |
| Address 2 | addressLine2 | Character | 150 | | Yes | |
| Address 3 | addressLine3 | Character | 150 | | Yes | |
| City | city | Character | 50 | | Yes | |
| State | stateCode | Character | 2 | | Yes | |
| Postal Code | postalCode | Character | 15 | | Yes | |
| Country | country | Character | 50 | | Yes | |

## OFAC Address Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the address child object. Note that although the include value is "address," in the return data it is contained in the "addresses" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=address |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"addresses": [{<br>"city": "KANSAS CITY",<br>"countryCode": "USA",<br>"postalCode": "12345",<br>"addressLine1": "ATTN - BB",<br>"addressLine2": "LOCATION TT98",<br>"addressLine3": "123 2nd St",<br>"stateCode": "MO"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Alternate ID Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Country | Country of Issue. Name of country that issued the ID/Registration document. |
| ID Type | Type of ID/Registration. Possible values include Passport, Cedula, and Driver's License Number. |
| ID Number | Number that appears on the ID/Registration document. |
| Issue Date | Issue Date of the ID/Registration document. |
| Expiration Date | Expiration Date of the ID/Registration document. |

## OFAC Alternate ID Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Country | countryCode | Character | 5 | | Yes | |
| ID Type | idType | Character | 50 | Valid values:<br>Passport<br>Cedula<br>Driver's License Number | Yes | |
| ID Number | idNumber | Character | 40 | | Yes | |
| Issue Date | issueDate | Character | 10 | DD MON YYYY<br>example: 14 JUN 2018 | Yes | |
| Expiration Date | expirationDate | Character | 10 | DD MON YYYY<br>example: 14 JUN 2018 | Yes | |

## OFAC Alternate ID Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the identification child object. Note that although the include value is "alternateId," in the return data it is contained in the "alternateIds" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=alternateId |
| Access Requirement | Client's Access Group must have access to OFAC datasource. |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"alternateIds": [{<br>"countryCode": "US",<br>"idType": "PASSPORT",<br>"idNumber": "12345",<br>"issueDate": "01/01/2012",<br>"expirationDate": "01/01/2017"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Date of Birth Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Date of Birth | Date of Birth for SDN. |

## OFAC Date of Birth Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Date of Birth | alternateBirthDate | Date | 10 | MM/DD/YYYY | Yes | |

## OFAC Date of Birth Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the date of birth child object. Note that although the include value is "birthdate," in the return data it is contained in the "birthDates" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=birthdate |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"birthDates": [{<br>"alternateBirthDate": "01/01/1975"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Place of Birth Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Place of Birth | Birth place location country information for a Specially Designated National. |

## OFAC Place of Birth Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Place of Birth | birthPlace | Character | 250 | | Yes | |

## OFAC Place of Birth Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the place of birth child object. Note that although the include value is "birthplace," in the return data it is contained in the "birthPlaces" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=birthplace |
| Access Requirements | Client's Access Group must have access to ofac datasource. |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"birthPlaces": [{<br>"placeOfBirth": "ORLANDO, FL"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Citizenship Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Citizenship | Country of citizenship for a Specially Designated National. |

## OFAC Citizenship Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Citizenship | country | Character | 250 | | Yes | |

## OFAC Citizenship Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the citizenship child object. Note that although the include value is "citizenship," in the return data it is contained in the "citizenships" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=citizenship |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"citizenships": [{<br>"country": "UNITED STATES"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Nationality Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Nationality | Country of residence for a Specially Designated National. |

## OFAC Nationality Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Nationality | nationality | Character | 250 | | Yes | |

## OFAC Nationality Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the nationality child object. Note that although the include value is "nationality," in the return data it is contained in the "nationalities" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=nationality |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"nationalities": [{<br>"nationality": "UNITED STATES"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

## OFAC Program Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Program | Sanctions Program Name. It is a Specially Designated Nationals focus area. It indicates the sanctions program pursuant to which the person has been blocked, designated, or identified. Sample programs include: 561LIST, CUBA, DPRK (North Korea Sanctions Regulations), IRAN, JADE, NPWMD (Weapons of Mass Destruction Proliferators Sanctions Regulations), and SYRIA. |

## OFAC Program Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Program | program | Character | 50 | | Yes | |

## OFAC Program Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the program child object. Note that although the include value is "program," in the return data it is contained in the "programs" element, as it can return more than one object per search.

| | |
|---|---|
| URI | include=program |
| Access Requirements | Client's Access Group must have access to ofac datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"programs": [{<br>"program": "JADE"<br>}],<br>"name": "JOHN DOE",<br>"typeDescription": "INDIVIDUAL",<br>"type": "I",<br>"title": "Test Title"<br>},<br>"id": "100957123",<br>"type": "ofac"<br>}]<br>} |

# PUBLICATION 78 DATA (PUB 78)

☐ Your agency is approved to access this data source.

The Internal Revenue Service Publication 78 data source (PUB 78) is a list of organizations eligible to receive tax-deductible charitable contributions. Note: If an organization uses a "doing business as" name, it is not listed in the file. Only the business name registered with the IRS is in the listing.

## PUB 78 Search Fields - Definitions

| Data Element | Definition |
|---|---|
| TIN | Tax Identification Number of the entity included on the list |
| First Name | First name of the individual on the list. |
| Last Name | Last name of the individual on the list. |
| Business Name | Business Name of the entity |

## PUB 78 Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | YES | |
| First Name | firstName | Character | 15 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 20 | | Yes | Both first name and last name must be sent in the request. |
| Business Name | businessName | Character | 200 | | Yes | |

## PUB 78 Main Object Response Fields - Definitions

| Data Element | Definition |
|---|---|
| Country | The two-character code of the country in which the entity exists. |
| City Name | The name of the city in which the entity exists. |
| Business Name | The registered business name of the entity. |
| Type | The type of business of the registered entity. |
| Deductibility Code | The type of organization and use of contribution. |
| TIN | The Tax Identification Number of the registered entity. |
| Name | The name of the registered entity. |
| State Code | The state in which the entity is based. |
| Tax ID Type | Indicates whether the TIN is an SSN, EIN, or TIN. |
| As-of Date | The date that the data source resource was last updated. |

## PUB 78 Main Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Country | country | Character | 3 | | Yes | |
| City Name | cityName | Character | 50 | | Yes | |
| Business Name | businessName | Character | 200 | | Yes | |
| Type | type | Character | 1 | | Yes | |
| Deductibility Code | deductibilityCode | Character | 256 | | Yes | |
| TIN | tin | Character | 9 | | Yes | |
| Name | name | Character | 200 | | Yes | |
| State Code | stateCode | Character | 2 | | Yes | |
| Tax ID Type | taxIdType | Character | 4 | | Yes | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## PUB 78 Response Fields – Usage

The information below highlights usage when retrieving the primary PUB 78 fields.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/pub78 |
| Access Requirements | Client's Access Group must have access to PUB78 data source. |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"country": "US",<br>"srcSysTypeCdDesc": "PUB 78",<br>"searchCriteria": "SSN/EIN/TIN",<br>"businessName": "ECYC INC.",<br>"type": "U",<br>"srcSysTypeCd": "PUB78",<br>"cityName": "RAHWAY",<br>"deductibilityCode": "PC",<br>"tin": "223340530",<br>"name": "ECYC INC.",<br>"stateCode": "NJ",<br>"taxIdType": "EIN",<br>"asOfDate": "06/13/2022"<br>},<br>"id": "841850615",<br>"type": "pub78"<br>}]<br>} |

# SYSTEM FOR AWARD MANAGEMENT (SAM) ENTITY REGISTRATION RECORDS

☐ Your agency is approved to access this data source.

System for Award Management (SAM) Entity Registration Records data source (formerly known as Central Contractor Registration - CCR) is the primary registrant database for the U.S. Federal Government. SAM Entity Registration Records collects, validates, stores, and disseminates data in support of agency acquisition.

## SAM Entity Registration Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual or entity on the entity registration list. |
| First Name | The First Name of the individual on the entity registration list. |
| Last Name | The Last Name of the individual on the entity registration list. |
| UEI (Unique Entity Identifier) | A twelve-character alpha-numeric identifier assigned to registered entities by the General Services Administration (GSA) for use within the System of Award Management (SAM). |
| Electronic Funds Transfer (EFT) Indicator | A four-character suffix to the unique entity identifier. The suffix is assigned at the discretion of the commercial, nonprofit, or Government entity to establish additional System for Award Management records for identifying alternative EFT accounts for the same entity. Used to identify alternative EFT accounts for the same entity at the same physical location. |
| Business Name | The name of the entity on the registration list. |

## SAM Entity Registration Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 75 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| UEI (Unique Entity Identifier) | uei | Character | 12 | | Yes | |
| Electronic Funds Transfer (EFT) Indicator | eftIndicator | Character | 4 | | Yes | Since EFT Indicator is an extension of UEI, EFT Indicator cannot be entered as a search criterion unless UEI is also entered. |
| Business Name | businessName | Character | 30 | | Yes | |

# SAM Entity Registration Response Fields

**Important Note:** Unlike most of the other data sources, certain SAM Entity Registration match detail fields (Response Fields) are contained within relational objects, so requesting response fields is a little different for this data source.
For the **Main** object below, you may still declare which associated data element(s) you'd like in the response. However, all other sections below represent child objects. You may choose which child objects you'd like in the response, but you must get all of the available data elements within a selected child object in each response.
See the SAM Entity Registration Usage sections for instructions on how to structure your request for the main object and child objects.

Performance on child object responses will be less robust than for the main object; excluding child objects from response requests is recommended if the data is not needed.

# SAM Entity Registration Main Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Registration Status | Current status of the registration. It is the SAM Extract Code field in the monthly SAM Entity file. Values are Active and Expired. |
| CAGE/NCAGE | The Commercial And Government Entity (CAGE) Code is a five-character ID number used extensively within the U.S. federal government, assigned by the Department of Defense's Defense Logistics Agency (DLA). The CAGE code provides a standardized method of identifying a given facility at a specific location. CAGE codes for entities located outside the United States are called NATO Commercial and Government Entity (NCAGE) codes. NCAGE codes are assigned internationally as part of the NATO Codification System (NCS), and are required for all foreign entities or the registration will be considered incomplete. |
| Legal Business Name | Registered Legal Business Name. |
| DBA | Doing Business As (DBA). The commonly used other name, such as a franchise, licensee name, or an acronym. This name must be different from the Legal Business Name. |
| Division Name | Company Division Name. If you do business or are identified as a division of a larger company. |
| Division Number | Company Division Number. If a number identifier commonly distinguishes your division. |
| Company URL | Corporate URL. Entity's web page URL. |
| UEI (Unique Entity Identifier) | A twelve-character alpha-numeric identifier assigned to registered entities by the General Services Administration (GSA) for use within the System of Award Management (SAM). |
| Electronic Funds Transfer (EFT) Indicator | A four-character suffix to the unique entity identifier. The suffix is assigned at the discretion of the commercial, nonprofit, or Government entity to establish additional System for Award Management records for identifying alternative EFT accounts for the same entity. Used to identify alternative EFT accounts for the same entity at the same physical location. |
| DoDAAC | The Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a Department of Defense unit, activity, or organization that has the authority to requisition, contract for, receive, have custody of, issue, or ship DoD assets, or fund/pay bills for materials and/or services. |
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual or entity on the entity registration list. |
| Financial Institution | The name of the bank to use for EFT/banking purposes. |
| ABA Routing Number | American Banking Routing ID is a financial institution's nine-digit routing transit number assigned by the American Banking Association (ABA). |
| Account Number | Account number to which EFT payments are deposited. If an award is received, the Federal Government will use this information to process the payment. |
| Account Type | Account Type: C=Checking or S=Savings |

| Data Element | Definition |
|---|---|
| Activation Date | The date on which the SAM Entity Registration Record was activated. |
| Authorization Date | The date the registered entity authorized the use of the financial information included in the SAM Registration Record related to the acquisition of Government goods or services. |
| Initial Registration Date | The date on which the entity was first registered with SAM. |
| Fiscal Year End Close Date | The date on which the entity ends their fiscal year; this is the same day/month every year for a given entity. |
| Last Updated Date | The date on which the SAM Entity Registration Record was last updated. |
| Physical Street Address 1 | D&B Registration Physical Street Address 1 |
| Physical Street Address 2 | D&B Registration Physical Street Address 2 |
| Physical City | D&B Registration Physical City |
| Physical State | D&B Registration Physical State |
| Physical Foreign Province | D&B Registration Physical Foreign Province |
| Physical ZIP Code | D&B Registration Physical ZIP Code |
| Physical Country | D&B Registration Physical Country |
| Mailing Name | Mailing Name. Full name: First, Middle, and Last. Comes from the Government Business Point of Contact name fields. |
| Mailing Street Address 1 | Mailing Street Address 1 (If unable to receive mail at physical address.) |
| Mailing Street Address 2 | Mailing Street Address 2 (If unable to receive mail at physical address.) |
| Mailing City | Mailing City (If unable to receive mail at physical address.) |
| Mailing State | Mailing State (If unable to receive mail at physical address.) |
| Mailing Foreign Province | Mailing Foreign Province (If unable to receive mail at physical address.) |
| Mailing Zip Code | Mailing Zip Code (If unable to receive mail at physical address.) |
| Mailing Country | Mailing Country (If unable to receive mail at physical address.) |
| Business Start Date | Date the entity was formed or established. |
| Business Termination Date | The date when the entity's registration expires. |
| Delinquent Federal Debt | Delinquent Federal Debt. Values: Y and N. Yes/No flag (whether entity has a delinquent federal debt. A non-entry [-] indicates that this registrant has not yet been verified with Treasury. Foreign registrations are not verified. |
| Source Content Description | An abbreviated description of the data source. |
| As-of Date | The date that the data source resource was last updated. |

## SAM Entity Registration Main Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Registration Status | registrationStatus | Character | 1 | Valid Values:<br>- Active<br>- Expired | Yes | |
| CAGE/NCAGE | cageCode | Character | 5 | | Yes | |
| Legal Business Name | name | Character | 120 | | Yes | |
| DBA | dba | Character | 120 | | Yes | |
| Division Name | divisionName | Character | 60 | | Yes | |
| Division Number | divisionNumber | Character | 10 | | Yes | |
| Company URL | companyUrl | Character | 200 | | Yes | |
| UEI (Unique Entity Identifier) | uei | Character | 12 | | Yes | |
| Electronic Funds Transfer (EFT) Indicator | eftIndicator | Character | 4 | | Yes | Since EFT Indicator is an extension of UEI, EFT Indicator cannot be entered as a search criterion unless UEI is also entered. |
| DoDAAC | dodaac | Character | 9 | | Yes | |
| TIN | tin | Character | 9 | | No | |
| Financial Institution | financialInstitute | Character | 60 | | Yes | |
| ABA Routing Number | abaRoutingNumber | Character | 9 | | Yes | |
| Account Number | accountNumber | Character | 30 | | Yes | |
| Account Type | accountType | Character | 1 | | Yes | |
| Activation Date | activationDate | Character | 10 | MM/DD/YYYY | Yes | |
| Authorization Date | authorizationDate | Character | 10 | MM/DD/YYYY | Yes | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Initial Registration Date | initialRegistrationDate | Character | 10 | MM/DD/YYYY | Yes | |
| Fiscal Year End Close Date | fiscalYearEndCloseDate | Character | 6 | MMM DD | Yes | |
| Last Updated Date | lastUpdateDate | Character | 10 | MM/DD/YYYY | Yes | |
| Physical Street Address 1 | physicalStreetAddress Line1 | Character | 150 | | Yes | |
| Physical Street Address 2 | physicalStreetAddress Line2 | Character | 150 | | Yes | |
| Physical City | physicalCity | Character | 40 | | Yes | |
| Physical State | physicalStateCode | Character | 2 | | Yes | |
| Physical Foreign Province | physicalForeignProvince | Character | 55 | | Yes | |
| Physical ZIP Code | physicalPostalCode | Character | 15 | | Yes | |
| Physical Country | physicalCountryCode | Character | 3 | | Yes | |
| Mailing Name | mailName | Character | 256 | | Yes | |
| Mailing Street Address 1 | mailAddressLine1 | Character | 150 | | Yes | |
| Mailing Street Address 2 | mailAddressLine2 | Character | 150 | | Yes | |
| Mailing City | mailCity | Character | 40 | | Yes | |
| Mailing State | mailStateCode | Character | 2 | | Yes | |
| Mailing Foreign Province | mailForeignProvince | Character | 55 | | Yes | |
| Mailing Zip Code | mailPostalCode | Character | 15 | | Yes | |
| Mailing Country | mailCountryCode | Character | 3 | | Yes | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Business Start Date | businessStartDate | Character | 10 | MM/DD/YYYY | Yes | |
| Business Termination Date | businessTerminationDate | Character | 10 | MM/DD/YYYY | Yes | |
| Delinquent Federal Debt | delinquentFederalDebtFlag | Character | 5 | Valid Values: Y and N | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | SAM-ENT | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## SAM Entity Main Object Response Fields – Usage

The information below highlights usage when retrieving the primary SAM Entity fields.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>" eftIndicator ": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"tin": "123456789",<br>"mailCity": "ONTARIO",<br>"physicalForeignProvince": "ON",<br>"mailStateCode": "ON",<br>"dba": "JOHNS SHOES EXPRESS",<br>"abaRoutingNumber": "123",<br>"delinquentFederalDebtFlag": "A",<br>"accountType": "C",<br>"mailCountryCode": "CAN",<br>"accountNumber": "84357",<br>"mailPostalCode": "64002",<br>"physicalCity": "ONTARIO",<br>"name": "JOHNS SHOES",<br>"physicalPostalCode": "64002",<br>"mailAddressLine1": "221 BAKER ST",<br>"mailAddressLine2": "SUITE B",<br>"uei": "987654321",<br>"financialInstitute": "INSTITUTE",<br>"srcSysTypeCdDesc": "SAM-ENT"<br>},<br>"id": "908712671",<br>"type": "samEnt"<br>}]<br>} |

## SAM Entity Registration Organization Code Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Organization Code | The structure of the entity as defined by the IRS. Example values include 2J-Sole Proprietorship, 2L-Corporate Entity (Not Tax Exempt), CY-Country - Foreign Government, and X6-International Organization. |

## SAM Entity Registration Organization Code Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Organization Code | organizationCodeDescription | Character | 200 | | | |

## SAM Entity Registration Organization Code Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the organization code (orgType) child object. Note that although the include value is "orgType," in the return data it is contained in the "orgTypes" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>" eftIndicator ": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"tin": "123456789", |

```
    "mailCity": "ONTARIO",
    "physicalForeignProvince": "ON",
    "mailStateCode": "ON",
    "dba": "JOHNS SHOES EXPRESS",
    "abaRoutingNumber": "123",
    "delinquentFederalDebtFlag": "A",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",  "orgTypes":
      [{"organizationCodeDescription": "2L - CORPORATE ENTITY (NOT TAX EXEMPT)"}],
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
}
```

## SAM Entity Registration Business Code Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Business Code Description | Translation of a 2-digit SBA Business Type code into a textual description of the code. Examples include: 20: Foreign Owned and Located, A3: Labor Surplus Area Firm, A2: Woman Owned Business, 23: Minority Owned Business, etc. |

## SAM Entity Registration Business Code Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Business Code Description | businessCodeDescription | Character | 256 | | | |

## SAM Entity Registration Business Code Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the business code (businessType) child object. Note that although the include value is "businessType," in the return data it is contained in the "businessTypes" element, as it can return more than one object per search

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>" eftIndicator ": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"tin": "123456789", |

```
    "mailCity": "ONTARIO",
    "physicalForeignProvince": "ON",
    "mailStateCode": "ON",
    "dba": "JOHNS SHOES EXPRESS",
    "abaRoutingNumber": "123",
    "delinquentFederalDebtFlag": "A",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",     " businessTypes":
      [{"businessCodeDescription": "20: Foreign Owned and Located"}],
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",     "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
}
```

## SAM Entity Registration Disaster Response Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Display Description | Textual description of the Area Served or the services rendered for the Disaster Response Registry. Example value is "Geographic Area Served." |
| Display Value | The state, city, county, or MSA where the service was rendered. Examples: "Any Area-Any Area" and "State - North Carolina." |

## SAM Entity Registration Disaster Response Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Display Description | displayDescription | Character | 256 | Currently always returns "Geographic Areas Served" | | |
| Display Value | displayValue | Character | 256 | | | |

## SAM Entity Registration Disaster Response Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the disaster response child object. Note that although the include value is "disasterResponse," in the return data it is contained in the "disasterResponses" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>" eftIndicator ": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"tin": "123456789", |

```
    "mailCity": "ONTARIO",
    "physicalForeignProvince": "ON",
    "mailStateCode": "ON",
    "dba": "JOHNS SHOES EXPRESS",
    "abaRoutingNumber": "123",
    "delinquentFederalDebtFlag": "D",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",
    " disasterResponses": [
        {"displayDescription": "SAMPLE DESCRIPTION", "displayValue": "SAMPLE VALUE"}
    ],
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
}
```

## SAM Entity Registration NAICS Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Emerging Small Business Indicator | Any small business concern whose size is no greater than 50 percent of the numerical size standard applicable to the Standard Industrial Classification ( SIC ) code assigned to a contracting opportunity. |
| NAICS Code | North American Industry Classification System (NAICS) Codes. A method for classifying business establishments. |
| NAICS Description | Expanded definition of NAICS Code. |
| Small Business Indicator | Certified as a Small Business by the Small Business Administration. |

## SAM Entity Registration NAICS Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Emerging Small Business Indicator | emergingSmallBusinessIndicator | Character | 1 | Valid Values: Y and N | | |
| NAICS Code | naicsCode | Character | 6 | | | |
| NAICS Description | naicsDescription | Character | 256 | | | |
| Small Business Indicator | smallBusinessIndicator | Character | 1 | Valid Values: Y and N | | |

## SAM Entity Registration NAICS Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the (naics child) object. Note that although the include value is "naicsDetail," in the return data it is contained in the "naicsDetails" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>"eftIndicator": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"naicsDetails": [<br>{<br>"emergingSmallBusinessIndicator": "I",<br>"naicsDescription": "SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING",<br>"smallBusinessIndicator": "N",<br>"naicsCode": "334511"<br>}<br>],<br>"tin": "123456789",<br>"mailCity": "ONTARIO",<br>"physicalForeignProvince": "ON",<br>"mailStateCode": "ON",<br>"dba": "JOHNS SHOES EXPRESS",<br>"abaRoutingNumber": "123", |

```
    "delinquentFederalDebtFlag": "A",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
}
```

## SAM Entity Registration Product Service Code Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Product Service Code | Four-character, and alpha-numeric codes. Product service codes are used by the United States government to describe the products, services, and research and development purchased by the government. |
| Product Service Code Description | Textual description of Product Service Code. Explains the meaning of the 4-digit code. |

## SAM Entity Registration Product Service Code Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Product Service Code | pscCode | Character | 4 | Example Values:<br>-AP31 - R&D- Natural Resource: Mineral (Basic Research)<br>-Q524 - Medical-Thoracic<br>-S203 - Housekeeping-Food<br>-K010 - Modification of Equipment- Weapons<br>-L052 - Technical Representative-Measuring Tools<br><br>A full list of codes can be found in the Federal Procurement Data System Product and Service Codes Manual. | | |
| Product Service Code Description | pscDescription | Character | 256 | | | |

## SAM Entity Registration Product Service Code Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the product service code (pscDetails) child object. Note that although the include value is "pscDetail" in the return data it is contained in the "pscDetails" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>"eftIndicator": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"pscDetails": [<br>{<br>"pscCode": "-Q524 - Medical- Thoracic",<br>"pscDescription": "SAMPLE DESCRIPTION",<br>}<br>],<br>"tin": "123456789",<br>"mailCity": "ONTARIO",<br>"physicalForeignProvince": "ON",<br>"mailStateCode": "ON",<br>"dba": "JOHNS SHOES EXPRESS",<br>"abaRoutingNumber": "123",<br>"delinquentFederalDebtFlag": "D", |

| | |
|---|---|
| | "accountType": "C",<br>"mailCountryCode": "CAN",<br>"accountNumber": "84357",<br>"mailPostalCode": "64002",<br>"physicalCity": "ONTARIO",<br>"name": "JOHNS SHOES",<br>"physicalPostalCode": "64002",<br>"mailAddressLine1": "221 BAKER ST",<br>"mailAddressLine2": "SUITE B",<br>"uei": "987654321",<br>"financialInstitute": "BANK"<br>},<br>"id": "908712671",<br>"type": "samEnt"<br>}]<br>} |

## SAM Entity Registration Federal Supply Classification Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Federal Supply Classification Code | Federal Supply Classification Code: A subset of Product Service Code. Federal Supply Class (FSC) codes are used to group products into logical families for management purposes. They are four-digit fields. |
| Federal Supply Classification Description | Textual description of Federal Supply Classification Code. Explains the meaning of the four-digit FSC. |

## SAM Entity Registration Federal Supply Classification Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Federal Supply Classification Code | fscCode | Character | 4 | Example Values: 6520 - Dental Instruments, Equipment, and Supplies<br>7644 - Digital Maps, Charts and Geodetic Products<br>8915 - Fruits and Vegetables<br>1345 - Land Mines<br>5530 - Plywood and Veneer | | |
| Federal Supply Classification Description | fscDescription | Character | 256 | | | |

## SAM Entity Registration Federal Supply Classification Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the federal supply classification (fscDetails) child object. Note that although the include value is "fscDetail," in the return data it is contained in the "fscDetails" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>"eftIndicator": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN", |

```
    "fscDetails": [
     {
       "fscCode": "6520 - Dental Instruments, Equipment, and Supplies",
"fscDescription": "SAMPLE DESCRIPTION",
     }
    ],
    "tin": "123456789",
    "mailCity": "ONTARIO",
    "physicalForeignProvince": "ON",
    "mailStateCode": "ON",
    "dba": "JOHNS SHOES EXPRESS",
    "abaRoutingNumber": "123",
    "delinquentFederalDebtFlag": "A",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
```

## SAM Entity Registration SBA Code Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| SBA Code | Small Business Administration Code. Examples include: A4, A6, JT, XX. |
| SBA Description | Textual description of the SBA Code. |

## SAM Entity Registration SBA Code Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| SBA Code | sbaCode | Character | 2 | Example Values:<br>A4 - SBA Certified Small Disadvantaged Business<br>A6 - SBA Certified 8(a) Program Participant<br>JT - SBA Certified 8(a) Joint Venture<br>XX - SBA Certified Hub Zone Firm<br><br>A full list of codes can be found in the SAM Functional Data Dictionary. | | |
| SBA Description | sbaDescription | Character | 256 | Examples include: A4=SBA Certified Small Disadvantaged Business, A6=SBA Certified 8A Program Participant, JT=SBA Certified 8A Joint Venture, XX=SBA Certified Hub Zone Firm | | |

## SAM Entity Registration SBA Code Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the federal SBA code (smallBusiness) child object. Note that although the include value is "smallBusiness," in the return data it is contained in the "smallBusinesses" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"registrationStatus": "ACTIVE",<br>"businessStartDate": "04/06/1993",<br>"cageCode": "8XN89",<br>"companyUrl": "www.johnsshoes.com",<br>"eftIndicator": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"smallBusinesses": [<br>{<br>"sbaCode": "A4 - SBA Certified Small Disadvantaged Business", "sbaDescription": "SAMPLE DESCRIPTION",<br>}<br>], |

```
    "tin": "123456789",
    "mailCity": "ONTARIO",
    "physicalForeignProvince": "ON",
    "mailStateCode": "ON",
    "dba": "JOHNS SHOES EXPRESS",
    "abaRoutingNumber": "123",
    "delinquentFederalDebtFlag": "A",
    "accountType": "C",
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
```

## SAM Entity Registration Address Information Child Object Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Name | Point of Contact name. |
| Address 1 | The first line of the address. |
| Address 2 | The second line of the address. |
| Address Type Code | Indicates which address type is captured. |
| City | City |
| State | State |
| Fax | Fax Number |
| Foreign Province | Foreign Province; If outside the United States, this would be the Province of the foreign country. |
| Country | Country |
| US Phone | US Phone Number |
| ZIP | Postal ZIP Code |

## SAM Entity Registration Address Information Child Object Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Name | name | Character | 200 | | | |
| Address 1 | addressLine1 | Character | 150 | | | |
| Address 2 | addressLine2 | Character | 150 | | | |
| Address Type Code | addressTypeCode | Character | 2 | Values:<br>X5 - Alternate Exclusion Address<br>X6 - D&B Address<br>X7 - DoDAAC Address<br>DM - Domestic Parent Address<br>GL - Global Parent Address<br>HQ - Headquarters Parent Address<br>IR - IRS/TIN Address<br>FE - Mailing Address<br>OA - Other Address<br>PA - Physical Address<br>X8 - POC Address<br>B3 - Previous Business Address<br>X9 - Primary Exclusion Address<br>RI - Remittance Address | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| City | city | Character | 40 | | | |
| State | stateCode | Character | 2 | | | |
| Fax | fax | Character | 13 | | | |
| Foreign Province | foreignProvince | Character | 55 | | | |
| Country | countryCode | Character | 3 | | | |
| US Phone | usPhone | Character | 16 | | | |
| ZIP | postalCode | Character | 15 | | | |

## SAM Entity Registration Address Information Child Object Response Fields – Usage

The information below uses the examples from the main object and includes the additional information for the address information (address) child object. Note that although the include value is "address," in the return data it is contained in the "addresses" element, as it can return more than one object per search.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samEnt |
| Access Requirements | Client's Access Group must have access to samEnt datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"eftIndicator": "5432",<br>"mailForeignProvince": "ON",<br>"physicalStreetAddressLine1": "221 BAKER ST",<br>"physicalStreetAddressLine2": "SUITE B",<br>"businessTerminationDate": "04/06/2017",<br>"physicalStateCode": "ON",<br>"physicalCountryCode": "CAN",<br>"tin": "123456789",<br>"mailCity": "ONTARIO",<br>"physicalForeignProvince": "ON",<br>"mailStateCode": "ON",<br>"dba": "JOHNS SHOES EXPRESS",<br>"abaRoutingNumber": "123",<br>"delinquentFederalDebtFlag": "D",<br>"accountType": "C", |

```
    "mailCountryCode": "CAN",
    "accountNumber": "84357",
    "mailPostalCode": "64002",
    "physicalCity": "ONTARIO",
    "name": "JOHNS SHOES",
    "physicalPostalCode": "64002",
    "mailAddressLine1": "221 BAKER ST",
    "mailAddressLine2": "SUITE B",
    "uei": "987654321",
    "financialInstitute": "BANK"
  },
  "id": "908712671",
  "type": "samEnt"
}]
}
```

# SYSTEM FOR AWARD MANAGEMENT (SAM) EXCLUSION RECORDS – PUBLIC AND RESTRICTED

☐ Your agency is approved to access this data source.

System for Award Management (SAM) Exclusion Records data source – Public and Restricted contains a list of individuals and firms excluded by federal government agencies from receiving new federal contracts. The Restricted version of this data source contains TIN information.

The SAM Exclusion list replaced General Services Administration's (GSA's) Excluded Parties List System (EPLS), which discontinued in 2012. References to EPLS remain in the DNP database, which you may note when reviewing certain sections of this document.

## SAM Exclusion Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual on the exclusions list. Only searchable on the Sam Exclusion Restricted data source. |
| UEI (Unique Entity Identifier) | A twelve-character alpha-numeric identifier assigned to registered entities by the General Services Administration (GSA) for use within the System of Award Management (SAM). |
| First Name | First name of the individual on the exclusions list. |
| Last Name | Last name of the individual on the exclusions list. |
| Business Name | The name of the business/entity on the exclusions list. |

## SAM Exclusion Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | TIN can be used only for the Restricted version of SAM Exclusion. TIN is not available in the Public version of SAM Exclusion. |
| UEI | uei | Character | 12 | | Yes | |
| First Name | firstName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 50 | | Yes | Both first name and last name must be sent in the request. |
| Business Name | businessName | Character | 200 | | Yes | |

## SAM Exclusion Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Name | Full name of individual or entity on the exclusions list. |
| TIN | Taxpayer Identification Number. SSN/EIN/TIN of the individual on the exclusions list. |
| Address Line 1 | Street Address Line 1 of the individual or entity on the exclusions list. |
| Address Line 2 | Street Address Line 2 of the individual or entity on the exclusions list. |
| City | City of the individual or entity on the exclusions list. |
| State | State of the individual or entity on the exclusions list. |
| ZIP | ZIP Code of the individual or entity on the exclusions list. |
| Country | Country of the individual or entity on the exclusions list. |
| SAM Number | The internal number used by SAM to identify exclusion records. Since only Firm exclusion records are required to have a UEI Number, SAM needed a way to uniquely track exclusion records of other Classification Types. |
| Cage Code | Commercial And Government Entity (CAGE) Code is a five-character ID number used extensively within the U.S. federal government, assigned by the Department of Defense's Defense Logistics Agency (DLA). The CAGE code provides a standardized method of identifying a given facility at a specific location. |
| Exclusion Code | Identifies if the exclusion is Reciprocal, Nonprocurement or Procurement. |
| Exclusion Type | Identifies the exclusion type that the exclusion falls under. Exclusion type is the successor to the CT code identifying the exclusion reason. Exclusion Type is a simplified, easier to understand way of identifying exclusion reasons. The types are generally "Prohibition/Restriction", "Voluntary Exclusion", or "Ineligible." In some cases, the type may indicate "Proceedings Pending" or "Proceedings Completed." |
| Exclusion Description | This field provides the agency performing the exclusion space to enter additional information as necessary, often an explanation on why the entity is being excluded. |
| Classification | Classification Type: Individual, Firm, Vessel, or Special Entity Designation |
| Create Date | Identifies when the data was first entered into SAM Exclusions. |
| Action Date | The date that the exclusion became active. |
| Termination Date | Identifies the date that the exclusion is/was to be terminated. If "indefinite" is in this field, there is no set date that the exclusion will terminate. |
| Agency | The name of the agency that assigned the exclusion to the entity or individual. |
| UEI | A twelve-character alpha numeric identifier assigned to registered entities by the General Services Administration (GSA) for use within the System of Award Management (SAM). |
| Agency UEI | UEI of the agency that registered the exclusion. |
| NPI | National Provider Identifier. The NPI replaced the UPIN as the unique number used to identify health care providers other than by SSNs. The Centers for Medicaid & Medicare Services first began assigning NPIs in 2006, and providers were required to use NPIs as of mid-2008. |
| As-of Date | The date that the data source resource was last updated. |

## SAM Exclusion Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Name | name | Character | 200 | | Yes | |
| TIN | tin | Character | 9 | | No | Only available in SAM Exclusion Restricted. Not available in SAM Exclusion Public. |
| Address Line 1 | addressLine1 | Character | 150 | | No | |
| Address Line 2 | addressLine2 | Character | 150 | | No | |
| City | city | Character | 50 | | No | |
| State | stateCode | Character | 2 | | No | |
| ZIP | postalCode | Character | 10 | | No | |
| Country | countryCode | Character | 3 | | No | |
| SAM Number | samNumber | Character | 9 | | No | |
| Cage Code | cageCode | | 5 | | No | Only available in SAM Exclusion Restricted. Not available in SAM Exclusion Public. |
| Exclusion Program | exclusionCode | Character | 50 | | No | |
| Exclusion Type | exclusionType | Character | 50 | | No | |
| Exclusion Description | exclusionDescription | Character | 256 | | No | |
| Classification | classification | Character | 256 | | No | |
| Create Date | createDate | Character | 10 | MM/DD/YYYY | No | |
| Action Date | actionDate | Character | 10 | MM/DD/YYYY | No | |
| Termination Date | terminationDate | Character | 10 | MM/DD/YYYY May also contain the value "INDEF." | No | |
| Agency | agency | Character | 256 | | No | |
| UEI | uei | Character | 12 | | Yes | |
| Agency UEI | agencyUei | Character | 12 | | Yes | |
| NPI | npi | Character | 100 | | No | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | SAM-EXCL-RES | No | |
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## SAM Exclusion Records Usage

In the usage of the DNP API, the long names samExPub and samExRes are used for SAM Exclusion records (Public and Restricted, respectively).

The examples below are all using samExRes, but the usage is the same for samExPub.

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/samExRes |
| Access Requirements | Client's Access Group must have access to samExRes or samExPub |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"tin": "987654321",<br>"name": "JOHN DOE",<br>"exclusionCode": "RECIPROCAL",<br>"exclusionType": "PROHIBITION/RESTRICTION",<br>"exclusionDescription": "SAMPLE DESCRIPTION",<br>"agency": "HEALTH AND HUMAN SERVICES, DEPARTMENT OF",<br>"addressLine1": "123 2ND ST",<br>"addressLine2": "SUITE B",<br>"city": "KANSAS CITY",<br>"stateCode": "MO",<br>"postalCode": "64001",<br>"countryCode": "US",<br>"cageCode": "7SXB4",<br>"classification": "INDIVIDUAL",<br>"terminationDate": "INDEF.",<br>"uei": "UEI3AE221107",<br>"agencyUei": "AGUEI55A1107",<br><br>"samNumber": "AA427A1",<br>"actionDate": "11/20/2005",<br>"createDate": "04/19/2007",<br>"npi": "123456789",<br>"srcSysTypeCdDesc": "SAM-EXCL-RES"<br>},<br>"id": "661971351",<br>"type": "samExRes"<br>}]<br>} |

# TREASURY OFFSET PROGRAM (TOP) DEBT CHECK

☐ Your agency is approved to access this data source.

The Treasury Offset Program (TOP) Debt Check data source is a centralized offset program, administered by the U.S. Treasury's Bureau of the Fiscal Service (Fiscal Service) Disbursing and Debt Management (DDM). TOP collects past-due (delinquent) debts (for example, child support payments) that people owe to state and federal agencies.

Fiscal Service disburses federal payments, such as federal tax refunds for agencies making federal payments (known as "payment agencies"), such as the Internal Revenue Service. "Creditor agencies," such as the Department of Education submit delinquent debts to Fiscal Service for collection and inclusion in TOP, TOP matches people and businesses who owe delinquent debts with money that federal agencies are paying (for example, a tax refund). To the extent allowed by law, when a match happens, TOP withholds (offsets) money to pay the delinquent debt.

TOP Debt Check is a Restricted data source.

## TOP Debt Check Search Fields – Definitions

| Data Element | Definition |
|---|---|
| TIN | Debtor TIN refers to the TIN (SSN for individual, EIN for business or entity) of debtor. |
| First Name | First name of the individual debtor. |
| Last Name | Last name of the individual debtor. |
| Business Name | Name of business or entity debtor. |

## TOP Debt Check Search Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| TIN | tin | Character | 9 | | Yes | |
| First Name | firstName | Character | 35 | | Yes | Both first name and last name must be sent in the request. |
| Last Name | lastName | Character | 35 | | Yes | Both first name and last name must be sent in the request. |
| Business Name | businessName | Character | 200 | | Yes | |

## TOP Debt Check Response Fields – Definitions

| Data Element | Definition |
|---|---|
| Debtor TIN | Debtor TIN refers to the TIN (SSN for individual, EIN for business or entity) of debtor. |
| Debtor Name | Name of Debtor. |
| Individual Business Indicator | An identifier that classifies the debtor as either an individual ("I" or a business "B"). |
| Debtor Street Address Line 1 | Address line one of debtor's residence/location. |
| Debtor Street Address Line 2 | Address line two of debtor's residence/location. |
| Debtor City | City of debtor's residence/location. |
| Debtor State | State of debtor's residence/location. |
| Debtor ZIP | ZIP code of debtor's residence/location. |
| Debtor Country | Country of debtor's residence/location. |
| Debt Number | Agency Debt Number or Agency Account Number— the unique account number used to identify the debt account owed by an individual or business to the creditor agency. |
| Date of Delinquent Debt | Date of delinquency for a specific record. |
| Debt Type | Code for type of debt assigned by TOP. Examples include:<br>1-Child Support - AFDC<br>6-Federal Agency Debt<br>17-IRS-17<br>CD-Corporate Debt<br>OS-Other State Debt<br>UT-Unemployment Compensation Tax Debts |
| Debt Type Description | Text description of the debt type. See above for example descriptions. |
| Debt Agency Site Name | Creditor agency (origin of debt). |
| Debt Agency Site Contact Name | Main contact at creditor agency. |
| Debt Agency Site Address Line 1 | Address line one of creditor agency. |
| Debt Agency Site Address Line 2 | Address line two of creditor agency. |
| Debt Agency Site City | City of creditor agency. |
| Debt Agency Site State | State of creditor agency. |
| Debt Agency Site ZIP | ZIP code of creditor agency. |
| Debt Agency Phone Number | Main phone number at creditor agency. |
| Debt Agency Phone Extension | Main phone number extension at creditor agency. |
| Debt Agency National Phone Number | Respective national collection office phone number of creditor agency. |
| Debt Agency National Phone Extension | Respective national collection office phone number extension of creditor agency. |
| As-of Date | The date that the data source resource was last updated. |

## TOP Debt Check Response Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Debtor TIN | tin | Character | 9 | | No | |
| Debtor Name | name | Character | 200 | | Yes | |
| Individual Business Indicator | individualBusinessIndicator | Character | 1 | Values: I or B | Yes | |
| Debtor Street Address Line 1 | debtorAddressLine1 | Character | 30 | | Yes | |
| Debtor Street Address Line 2 | debtorAddressLine2 | Character | 30 | | Yes | |
| Debtor City | debtorCity | Character | 25 | | Yes | |
| Debtor State | debtorStateCode | Character | 2 | | Yes | |
| Debtor ZIP | debtorPostalCode | Character | 9 | | Yes | |
| Debtor Country | debtorCountryCode | Character | 3 | | Yes | |
| Debt Number | debtNumber | Character | 18 | | Yes | |
| Date of Delinquent Debt | delinquentDebtDate | Character | 10 | Format: MM/DD/YYYY | Yes | |
| Debt Type | debtType | Character | 2 | Example Values:<br>1-Child Support - AFDC<br>6-Federal Agency Debt<br>17-IRS-17<br>CD-Corporate Debt<br>OS-Other State Debt<br>UT-Unemployment Compensation Tax Debts | Yes | |
| Debt Type Description | debtTypeDescription | Character | 256 | | Yes | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Debt Agency Site Name | debtAgencySiteName | Character | 35 | | Yes | |
| Debt Agency Site Contact Name | debtAgencySiteContactName | Character | 35 | | Yes | |
| Debt Agency Site Address Line 1 | debtAgencySiteAddressLine1 | Character | 35 | | Yes | |
| Debt Agency Site Address Line 2 | debtAgencySiteAddressLine2 | Character | 35 | | Yes | |
| Debt Agency Site City | debtAgencySiteCity | Character | 25 | | Yes | |
| Debt Agency Site State | debtAgencySiteStateCode | Character | 2 | | Yes | |
| Debt Agency Site ZIP | debtAgencySitePostalCode | Character | 9 | | Yes | |
| Debt Agency Phone Number | debtAgencyPhoneNumber | Character | 10 | | Yes | |
| Debt Agency Phone Extension | debtAgencyPhoneExtension | Character | 4 | | Yes | |
| Debt Agency National Phone Number | debtAgencyNationalPhoneNumber | Character | 25 | | Yes | |
| Debt Agency National Phone Extension | debtAgencyNationalPhoneExtension | Character | 4 | | Yes | |
| Source Sys Type Code Description | srcSysTypeCdDesc | Character | 20 | DBCK | No | |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| As-of Date | asOfDate | Date | 10 | MM/DD/YYYY | No | |

## TOP Debt Check Usage

| | |
|---|---|
| URI | /datasource (multi-resource search)<br>/datasource/dbck |
| Access Requirements | Client's Access Group must have access to the Top Debt Check (dbck) datasource |
| Sample Response | {<br>"data": [<br>{<br>"attributes": {<br>"tin": "732904154",<br>"name": "JOHN DOE",<br>"debtType": "01",<br>"debtNumber": "1122334455",<br>"debtTypeDescription": "SAMPLE DESCRIPTION",<br>"individualBusinessIndicator": "I",<br>"delinquentDebtDate": "10/16/2010",<br>"debtTypeDescription": "CHILD SUPPORT - AFDC",<br>"debtorAddressLine1": "123 2nd St",<br>"debtorAddressLine2": "Suite A",<br>"debtorCity": "KANSAS CITY",<br>"debtorStateCode": "MO",<br>"debtorPostalCode": "64001",<br>"debtorCountryCode": "US",<br>"debtAgencyPhoneNumber": "555-555-5555",<br>"debtAgencyPhoneExtension": "7",<br>"debtAgencyNationalPhoneNumber": "888-888-8888",<br>"debtAgencyNationalPhoneExtension": "200",<br>"debtAgencySiteContactName": "SAMPLE CONTACT",<br>"debtAgencySitePostalCode": "64001",<br>"debtAgencySiteCity": "KANSAS CITY"<br>"debtAgencySiteStateCode": "MO",<br>"debtAgencySiteAddressLine1": "815 BEAKER ST",<br>"debtAgencySiteAddressLine2": "SUITE 201",<br>"debtAgencySiteName": "SAMPLE DEBT AGENCY", |

| | |
|---|---|
| | "srcSysTypeCdDesc": "DBCK"<br>},<br>"id": "10442391",<br>"type": "dbck"<br>}]<br>} |

## Match Outcome Transmittal

Match outcomes help DNP and agencies easily measure prevented improper payment of federal dollars to entities and individuals whose match status renders them ineligible to receive those dollars. The match outcome transmittal can occur any time after the match data is received by the agency. Match outcome transmittal fields will link the original search results returned to the agency to the outcome achieved by the search. This service accepts POST requests, and it requires the client to provide information from the original search. Note that this service requires the client to provide a "transaction-id" field in the meta section of the message.

This should be the transaction id from the original search which relates to the Outcome being provided. Please see the sample message below for more details.

## Match Outcome Transmittal Fields – Definitions

| Data Element | Definition |
|---|---|
| Dollars Saved Flag | A "YES" or "NO" statement that declares whether the match associated with the outcome transmittal resulted in a decision not to disburse federal dollars. (YES = match resulted in not disbursing federal dollars) This is a required field, value must be either "YES" or "NO". |
| Dollars Saved | The dollar amount of federal dollars not disbursed due to the match. This is an optional field. Note that this is a text field. |
| Payment Frequency | The frequency of payment of the declared Dollar Amount; useful in calculating total dollars saved when the amount would have been disbursed more than once, if the entity searched had been paid. Response options: Annual; Contract/Award Total; Daily; Monthly; One-time; Other. This is an optional field. |
| Payee Category | The type of payee the entity searched represents. Response options: Allotment, Annuity, Benefit, Child Support, Education, Fee, Insurance, Miscellaneous, Refund, Salary, Thrift, Travel, Vendor. This is an optional field. |
| No Saving Reason | The reason a match to a data source did not result in disqualifying the searched entity from payment. Response Options: Business reason to pay, Data source is not applicable to payee, Data source match is not the actual payee, Services performed - must pay, Other. This is an optional field. |
| Comments | This is a free-form entry field (alpha-numeric), should the agency wish to explain any of the answers above, or make a note about the match outcome. This is an optional field. |
| Transaction ID | The transaction id from the original search which relates to the Outcome being provided. Please see the sample message below for more details. |

## Match Outcome Transmittal Fields – Technical Information

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| Dollars Saved Flag | dollarsSaved | Character | 5 | Valid values: "YES" or "NO" | No | |
| Dollars Saved | dollarsSaved | Character | 20 | Text field but it must contain a valid number. Decimal values are allowed | Yes | |
| Payment Frequency | paymentFrequency | Character | 255 | Valid values:<br>Annual<br>Contract/Award Total<br>Daily | Yes | If value other than those listed is sent, an error will be returned. |

| Data Element | API Field Name | Data Type | Length | Value / Format | Nullable | Notes |
|---|---|---|---|---|---|---|
| | | | | Monthly<br>One-time Other | | The Comments field can be used to explain the "Other" value. |
| Payee Category | payeeCategory | Character | 255 | Valid Values:<br>Allotment<br>Annuity<br>Benefit<br>Child Support<br>Education<br>Fee<br>Insurance<br>Miscellaneous<br>Refund<br>Salary<br>Thrift<br>Travel<br>Vendor | Yes | If value other than those listed is sent, an error will be returned. The Comments field can be used to explain the "Other" value. |
| No Saving Reason | noSavingsReason | Character | 255 | Values:<br>Business reason to pay<br>Data source is not applicable to payee<br>Data source match is not the actual payee<br>Services performed - must pay Other | Yes | If value other than those listed is sent, an error will be returned. The Comments field can be used to explain the "Other" value. |
| Comments | comments | Character | 255 | | Yes | |
| Transaction ID | transaction-id | Numeric | 15 | Valid numeric ID from the original search | No | The transaction id from the original search which relates to the Outcome being provided. Please see the sample message below for more details. |

## Match Outcome Transmittal Fields – Usage

This service accepts POST requests. There is only a single service endpoint used to receive Outcome messages. The response from a successful request will be a 201 status code and message with an empty "data" element. If an error is produced the response code will be either 400 or 500 and the "error" element will contain these details. Note that the sample message below contains the *meta* section as that is how a client will relay the original transaction id.

| URI | /datasource/outcome |
|---|---|
| Access Requirements | Client's Access Group must have access to at least one datasource |
| Sample Requests | /datasource/outcome |
| Sample Message | {<br>"data": [<br>{<br>"type": "outcome",<br>"attributes": {<br>"dollarsSaved": "no",<br>"noSavingsReason": "Other",<br>"payeeCategory": "Benefit",<br>"dollarAmountSaved": "2561",<br>"paymentFrequency": "Monthly",<br>"comments": "This is a test for CBAF"<br>}<br>}<br>],<br>"meta": {<br>"transaction-id": "18724630"<br>}<br>} |

# APPENDIX A

## JSON API examples

The jsonapi.org site includes several fictional examples based on article/author data. Below are some of the examples using Do Not Pay standards for URI and message body formatting. Note that the standard date format used in the DNP API is MM/DD/YYYY unless specifically stated otherwise. The examples have been altered to reflect this.

## Sparse Fieldsets

The DNP API supports the following example for include statements:

POST /articles “include”:”author”

However note that in this example, the included object (author) would not have its own type/id attribute, and therefore no ‘relationship’ or ‘included’ element or would be provided as it is in the response to this example:


```
{
 "data": [{
  "type": "articles",
  "id": "1",
  "attributes": {
   "title": "JSON API paints my bikeshed!",
   "body": "The shortest article. Ever.",
   "created": "05/22/2015",
   "updated": "05/22/2015"
  },
  "relationships": {
   "author": {
    "data": {"id": "42", "type": "people"}
   }
  }
 }],
 "included": [
  {
   "type": "people",
   "id": "42",
   "attributes": {
    "name": "John",
```

```
      "age": 80,
      "gender": "male"
    }
  }
 ]
}
```


Also note that the above example *could* have the parent resource of the included object in [] brackets if that's preferred, as shown below:

POST /articles "include[article]":"author"

The fields parameter used with Sparse fieldsets is supported exactly as the examples show:

POST /articles "include":"author", "fields[articles]":"title,body", "fields[people]":"name"

In the example above, the only fields returned for the articles object would be title and body, and only name would be returned for the people object

## Pagination

Client-provided pagination parameters can only be provided using page[number] and page[size], and the resulting data looks the same as the jsonapi.org examples, with an added description element accompanying each link. In addition, when pagination is used the elements total-pages, total-count, page-size, and current-page will be present in the *meta* section. The example request:

POST /articles "page[number]":"3","page[size]":"1"

Would therefore result in the following response:


```
{
 "meta": {
  "total-pages": "13"
  "total-count": "13"
  "page-size": "1"
  "current-page": "3"
 },
 "data": [
  {
   "type": "articles",
```

```
    "id": "3",
    "attributes": {
      "title": "JSON API paints my bikeshed!",
      "body": "The shortest article. Ever.",
      "created": "05/22/2015",
      "updated": "05/22/2015"
    }
  }
 }
}
```


## Error Objects

The only error elements currently supported by the DNP API are status, title, and detail. In nonproduction environments there may be additional information returned in the '*meta*' element nested within 'errors.' The first name error example provided from jsonapi.org would look like this:


```
{
 "errors": [
  {
    "status": "422",
    "title":  "Invalid Attribute",
    "detail": "First name must contain at least three characters."
  }
 ]
}
```


In certain situations multiple errors may be returned. As noted in the JSON API section of the document above, errors will always be returned with an HTTP status code of 400 or 500 with only the 'errors' element in the document.

# APPENDIX B

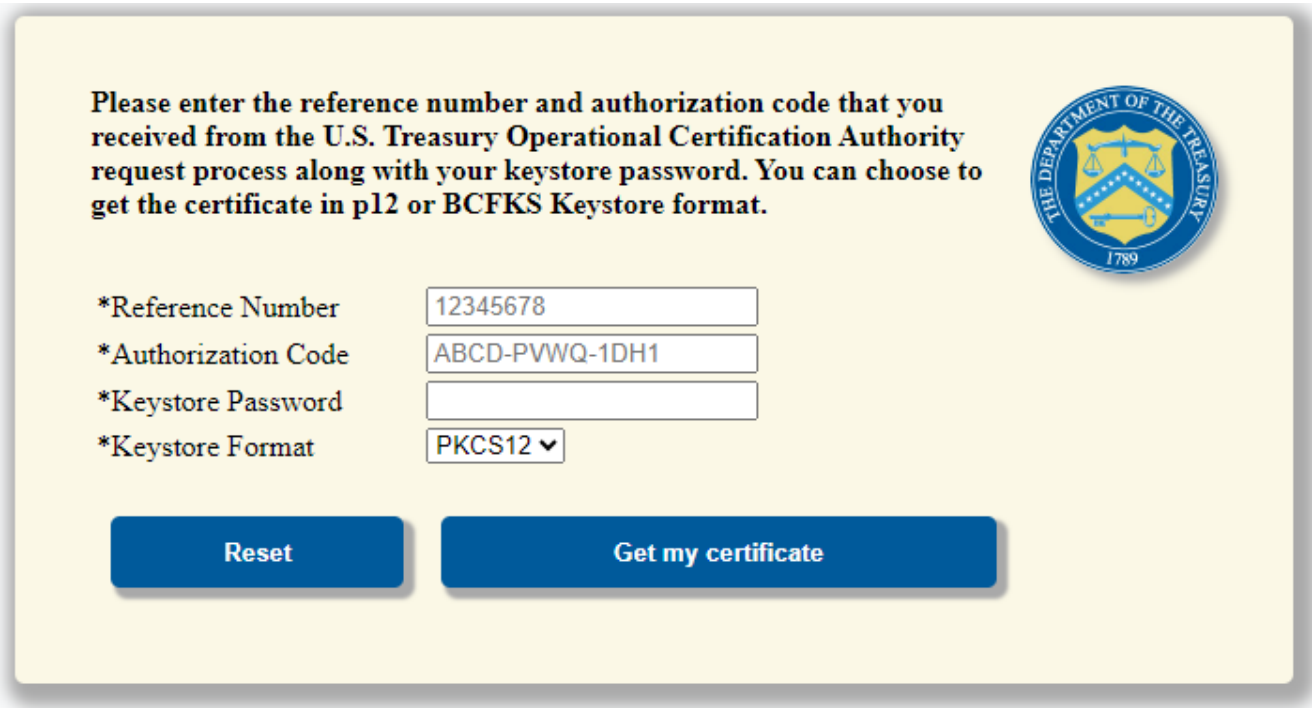
## Certificate Request and Generation Instructions

In order to establish and test the connection to DNP's QA and Production API application servers, the appropriate web server certificates are required. The DNP API Technical Project Management Team will request these certificates from the Treasury Operational Certificate Authority (TOCA) – one for QA environment testing and one for Production.

A representative from the API Technical Project Management Team will provide you with a **reference number** and an **authorization code** – one set for each certificate to be issued (QA and Production). Once you have obtained these codes, use the following links to navigate to the U.S. Treasury Operational Certification Authority certificate generation sites:

DEV(QA/non-Prod): https://api-preprod.fiscal.treasury.gov/ap/acc/exp/v1/service-security/web

PROD: https://api.fiscal.treasury.gov/ap/exp/v1/service-security/web




Enter the Reference Number and Authorization Code provided by the Technical Project Management Team and enter a strong Keystore Password of your choosing. To retrieve your certificate, click on the **[Get my certificate]** button on the form. You will then save your certificate to the appropriate server or truststore.

# APPENDIX C

## List of Acronyms

ABA ..... American Banking Association

ARL ..... Automatic Revocation of Exemption List

BOP ..... Bureau of Prisons

CAGE ..... Commercial and Government Entity

CAIVRS ..... Credit Alert System

CCR ..... Central Contractor Registration

CMS ..... Centers for Medicare and Medicaid Services

DBA ..... Database Administrator

DBCK ..... Debt Check

DMF-Full .....Death Master File-Full

DNP ..... Do Not Pay

DOJ ..... Department of Justice

DDM ..... Disbursing and Debt Management

EFT ..... Electronic Funds Transfer

EIN ..... Employer Identification Number

EPLS ..... Excluded Parties List System

FSC ..... Federal Supply Class

Form 990-N.....Form 990-N (e-Postcard)

GSA ..... General Services Administration

HHS ..... Health and Human Services

HREF..... **H**ypertext **REF**erence

HTTP ..... Hypertext Transfer Protocol

HTTPS ..... Hypertext Transfer Protocol Secure

HUD ..... Housing and Urban Development

JSON API ..... JavaScript Object Notation Application Program Interface

LEIE ..... List of Excluded Individuals and Entities

NAICS ..... North American Industry Classification System

NCAGE ..... NATO Commercial and Government Entity

OIG ..... Office of the Inspector General

OFAC ..... Office of Foreign Assets Control

PC ..... Personal Computer

PUB 78 ..... Publication 78

REST ..... REpresentational State Transfer

SAM ..... System for Award Management

SBA ..... Small Business Administration

SDN ..... Specially Designated Nationals

SOAP ..... Simple Object Access Protocol

SSL ..... Secure Socket Layer

SSN ..... Social Security Number

TIN ..... Tax Identification Number

TOCA ..... Treasury Operational Certificate Authority

TOP ..... Treasury Offset Program

UEI ..... Unique Entity Identifier

URI ..... Uniform Resource Identifier

URL ..... Uniform Resource Locator

USDA ..... United States Department of Agriculture

VA ..... Veterans Affairs