

## Injury Tracking Application API Documentation

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### Changelog

- 2019-09-09
  - Added EIN definition to data dictionary
  - Updated Request and Responses to include EIN
- 2018-07-16
  - Update the Authentication section to include information about the new access tokens
- 2018-06-14
  - Added the “establishment\_status” field to the Data Dictionary: Establishment section
  - Added “establishment\_status” to the JSON body in the Edit Establishment(s) example
- 2017-11-06
  - Updated language around using the help desk form and including information
  - Updated the information on submitting Forms 300 and 301.
  - Corrected the URL under the Edit Form 300A section
  - Changed “status” to “establishment\_status” in the Create Establishment response JSON object
  - Changed “status” to “establishment\_status” in the Edit Establishment response JSON object
  - Removed “year\_filing\_for” from the Form 300A Data Dictionary and subsequent Form 300A request JSON objects
- 2017-08-10
  - Added instructions for how to submit multiple JSON objects using an array
- 2017-08-01
  - Added Testing/Sandbox environment information
- 2017-03-01
  - Changed “Not Started” to “Not Added” in Establishment response data dictionary
  - Added a missing comma to the Create Establishment request JSON object
  - Added a missing comma to the Edit Establishment(s) request JSON object
  - Added establishment ID to the Edit Establishment(s) request JSON object
  - Add https:// to all API calls
  - Changed “no\_injuries” to “no\_injuries\_illnesses” in the Add Form 300A Data API call JSON object
  - Added a missing comma to the Add Form 300A Data request JSON object

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- Added a missing comma to the Edit Form 300A Data request JSON object
- Changed “no\_injuries” to “no\_injuries\_illnesses” in the Edit Form 300A Data API call JSON object
- Corrected the Annual Average Number of Employees needs to be greater than the total number of cases (Field G-J) additional validation edit check

# Injury Tracking Application API Documentation

## Introduction

To report your establishment(s) injury and illness records via the API, you must make calls as specified below. This guide will define the fields and formats that are required to transmit information about the establishment and the summary data from Form 300A.

In 2017, for the 2016 filing year, no establishments are required to electronically submit case data from Forms 300 and 301. These forms must still be submitted in paper.

If your submit request is successful, you will receive a confirmation email listing the establishments that have been successfully submitted, meaning that OSHA considers the information to be complete.

If your submit request is not successful, you will receive a list of errors in the API response.

If you have any questions or problems, please use the contact form located at <https://www.osha.gov/injuryreporting/ita/help-request-form>. Additionally, when creating a help desk ticket related to API functionality, please include all relevant information related to your request URL, request body, and response.

## Testing Your API Functionality

A testing/sandbox environment is available at <https://preview.osha.gov/injuryreporting/ita> which can be used to validate your API functionality. When testing your API on this testing/sandbox environment, *you will need to use **preview.osha.gov** for each API call rather than **www.osha.gov**.*

Please Note:

- Data submitted to this environment does not satisfy an employers' requirement to provide their injury and illness data to OSHA.
- Data submitted to this environment will be purged periodically.

## Data Dictionary: Establishment fields

### Request

These are the fields that make up the body of most of the Request API calls involving establishments. Additional fields that are specific to a given call will be detailed in line.

Data Element (Establishment)	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
Id	System generated ID of establishment	Integer	N/A	No	Yes
establishment_name	The name of the establishment reporting data. <b>Must be unique.</b>	Character	100	Yes	No
ein	An Employer Identification Number (EIN) is also known as Federal Tax Identification Number and a unique nine-digit number assigned by the IRS and is used to identify business entities operating in the United States.	Character	9	No	No

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Data Element (Establishment)	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
company_name	The name of the company that owns the establishment.	Character	100	No	No
street	The street address of the establishment. <ul style="list-style-type: none"> <li>Should not contain a PO Box address</li> </ul>	Character	100	Yes	No
city	The city where the establishment is located.	Character	100	Yes	No
state	The state where the establishment is located. <ul style="list-style-type: none"> <li>Enter the two-character postal code for the U.S. State or Territory in which the establishment is located.</li> </ul>	Character	2	Yes	No
zip	The full zip code for the establishment. <ul style="list-style-type: none"> <li>Must be a five or nine digit number</li> </ul>	Text	9	Yes	No
naics_code	The North American Industry Classification System (NAICS) code which classifies an establishment's business. Use a 2012 code, found here: <a href="http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2012">http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2012</a> . <ul style="list-style-type: none"> <li>Must be a number and be 6 digits in length</li> </ul>	Integer	6	Yes	No
industry_description	Industry Description <ul style="list-style-type: none"> <li>You may provide an industry description in addition to your NAICS code.</li> </ul>	Character	300	No	No
size	The size of the establishment based on the maximum number of employees which worked there <b>at any point</b> in the year you are submitting data for. <ul style="list-style-type: none"> <li>Enter 1 if the establishment has &lt; 20 employees</li> <li>Enter 2 if the establishment has 20-249 employees</li> <li>Enter 3 if the establishment has 250+ employees</li> </ul>	Integer	1	Yes	No

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Data Element (Establishment)	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
establishment_type	Identify if the establishment is for a state or local government. <ul style="list-style-type: none"> <li>Enter 1 if the establishment is not a government entity</li> <li>Enter 2 if the establishment is a State Government entity</li> <li>Enter 3 if the establishment is a Local Government entity</li> </ul>	Integer	1	No	No
establishment_status	Indicates if an establishment is active or has been removed by a user <ul style="list-style-type: none"> <li>1: Active</li> <li>2: Removed (Inactive)</li> </ul>	Integer	1	No	No

### Response

These are the fields that make up the body of most of the Response which is returned from the various Establishment API calls. Additional fields that are specific to a given call will be detailed in line.

Data Element (Establishment)	Definition and Validations
Id	The system generated ID for an establishment
submission_status	The step at which an establishment is in the data entry process. <ul style="list-style-type: none"> <li>1 if Not Added</li> <li>2 if In Progress</li> <li>3 if Submitted</li> </ul> <p><b>Not Added</b> indicates that an establishment has been created, but no 300A Summary data has been entered for it yet. <b>In Progress</b> indicates that an establishment and 300A Summary data has been entered for an establishment. <b>Submitted</b> indicates that the data entry has been completed for an establishment and submitted to OSHA.</p>
establishment_status	Indicates if an establishment is active or has been removed by a user <ul style="list-style-type: none"> <li>1: Active</li> <li>2: Removed (Inactive)</li> </ul>
years_submitted	An array of years that the establishment has submissions for
errors	An array of errors that were discovered when creating or editing an establishment. Indicates that the establishment was not created or edited.
links	An array of links that are associated with establishment: <ul style="list-style-type: none"> <li>self: link pointing back at the establishment</li> <li>form300ALinks: an array of links to 300A forms filed for the establishment</li> <li>submissions: an array of links to submissions filed for establishment</li> </ul>
success	Indicates that the request to ITA service was received and no fatal errors occurred

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### Data Dictionary: 300A Summary fields

#### Request

These are the fields that make up the body of most of the Request API calls involving the 300A Summary form. Additional fields that are specific to a given call will be detailed in line.

Data Element (300A)	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
Id	System generated ID	Integer	N/A	No	Yes
annual_average_employees	Annual Average Number of Employees <ul style="list-style-type: none"> <li>• Must be &gt; 0</li> <li>• Must be a number</li> <li>• Should be &lt; 25,000</li> </ul>	Integer	10	Yes	No
total_hours_worked	Total hours worked by all employees last year <ul style="list-style-type: none"> <li>• Must be &gt; 0</li> <li>• Must be numeric</li> <li>• total_hours_worked divided by annual_average_employees must be &lt; 8760</li> <li>• total_hours_worked divided by annual_average_employees should be &gt; 500</li> </ul>	Integer	10	Yes	No
no_injuries_illnesses	Whether the establishment had any OSHA recordable injuries or illnesses during the year. <ul style="list-style-type: none"> <li>• Enter 1 if the establishment had injuries or illnesses</li> <li>• Enter 2 if the establishment did not have injuries or illnesses</li> </ul>	Integer	1	Yes	No
total_deaths	Total number of deaths (Form 300A Field G) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_dafw_cases	Total number of cases with days away from work (Form 300A Field H) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_djtr_cases	Total number of cases with job transfer or restriction (Form 300A Field I) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No

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Data Element (300A)	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
total_other_cases	Total number of other recordable cases (Form 300A Field J) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_dafw_days	Total number of days away from work (Form 300A Field K) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_djtr_days	Total number of days of job transfer or restriction (Form 300A Field L) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_injuries	Total number of injuries (Form 300A Field M(1)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_skin_disorders	Total number of skin disorders (Form 300A Field M(2)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_respiratory_conditions	Total number of respiratory conditions (Form 300A Field M(3)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_poisonings	Total number of poisonings (Form 300A Field M(4)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_hearing_loss	Total number of hearing loss (Form 300A Field M(5)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
total_other_illnesses	Total number of all other illnesses (Form 300A Field M(6)) <ul style="list-style-type: none"> <li>• Must be &gt;= 0</li> <li>• Must be a number</li> </ul>	Integer	10	Yes	No
change_reason	The reason why an establishment's injury and illness summary was changed, if applicable	Character	100	No	No

### Response

These are the fields that make up the body of most of the Responses which are returned from the various Establishment API calls. Additional fields that are specific to a given call will be detailed in line.

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Data Element (300A)	Definition and Validations
Id	The system generated ID for an 300A form
establishment_id	The system generated ID for an establishment
year_filing_for	The filing year the 300A form is being filed for
errors	An array of errors that were discovered when analyzing the values provided for the 300A form. Indicates that the record was not created or edited
warnings	An array of warnings that were discovered when analyzing the values provided for the 300A form
links	An array of links that are associated with establishment: <ul style="list-style-type: none"> <li>• self: link pointing back to 300A form</li> <li>• establishment: link pointing back to establishment that form belongs to</li> </ul>

### Data Dictionary: Submission

#### Request

These are the fields that make up the body of most of the Request which are inputs to the Submit API calls.

Data Element	Definition and Validations	Format	Length	Required
establishment_id	Id of establishment you are trying to submit	Long	n/a	Yes
year_filing_for	Year of submission	Integer	4	Yes
change_reason	The reason why an establishment's injury and illness summary was re-submitted, if applicable	Character	100	No

#### Response

These are the fields that make up the body of most of the Response which is returned from the Submit API calls.

Data Element (Establishment)	Definition and Validations
Id	The system generated ID for an 300A form
year_filing_for	Year of submission
establishment_id	The system generated ID for an establishment
form300A_id	The system generated ID for a 300A form
links	An array of links that are associated with submission: <ul style="list-style-type: none"> <li>• self: link to submission record</li> <li>• establishment: link to establishment record</li> <li>• form300A: link to 300A form for record</li> </ul>

### Additional Data Validations

In addition to the validations listed in the Data Dictionary, the following checks will be performed on your data to ensure that it is complete:

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- The sum of Injury and Illness Types (Form 300A Fields M1-M6) must equal the sum of the Number of Cases (Form 300A Fields G-J).
- The Annual Average Number of Employees needs to be greater than the total number of cases (Field G-J).”
- If there are cases with days away from work (Form 300A Field H), there must be days away from work (Form 300A Field K).
- If there are days away from work (Form 300A Field K), there must be cases with days away from work (Form 300A Field H).
- Days away from work (Form 300A Field K) must be higher than cases with days away from work (Form 300A Field H).
- If there are cases with job transfer or restriction (Form 300A Field I), there must be days with job transfer or restriction (Form 300A Field L).
- If there are days with job transfer or restriction (Form 300A Field L), there must be cases with days away OR job transfer or restriction reported (Form 300A Field H or I).

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## Authentication

**NOTE:** The ITA API token system has been updated and the old token format is no longer valid starting July 2018. To continue using the API, users will need to login to ITA and get their updated token starting on July 19<sup>th</sup>, 2018.

To use the Injury Tracking Application (ITA) API service you will need an ITA API Token. To get this API token you will need to go to the OSHA ITA application, login, and navigate to the API Token page where you can view the API token associated with your ITA account. If you don't have an account you will need to create an account. You will then need to use this API token as a bearer token in the request header of **all** API calls to the ITA system.

Performing a request from a command line with curl it would look like:

```
-H "Authorization: Bearer [ITA API Token]"
```

## Valid Actions with the API

There are several valid actions you can perform using the ITA API, including:

1. Create one or more establishments
2. Get a list of establishments
3. Get a specific establishment
4. Edit one or more establishments
5. Add Form 300A data to one or more establishments
6. Get a specific Form 300A
7. Edit Form 300A data for one or more establishments
8. Create a submission
9. Get a specific submission record

To complete data entry for your establishment(s), you will need to follow the order of operations listed below:

- 1) Use the "Create Establishment(s)" POST request to create one or more establishments.
- 2) Use the "Add Form 300A Data" POST request to add Form 300A data to one or more establishments.
- 3) Use the "Submit Form 300A Data for Establishment(s)" POST request to submit the 300A data for one or more establishments.

## Using an Array of Objects

In several of the below API requests, you have option of sending either a single JSON object (e.g., to create a single establishment) or multiple objects as an array (e.g., to create multiple establishments), however each example provided is depicted for a single object (e.g., to create a single establishment). To submit multiple objects using an array, the request need to be formatted as:

```
[  
{ object one },  
{ object two },  
{ object n }  
]
```

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### Create Establishment(s)

Create a new establishment for your account by sending a single establishment JSON object. You can create multiple establishments by sending an array of establishment objects.

URL: <https://www.osha.gov/oshaApi/v1/establishments>

Action: POST

Header: Authorization Bearer [ITA API token]

### Inputs

(see Data Dictionary above)

### Request

```
{
  "establishment_name": "Store 1",
  "ein": {
    "ein": "012345678"
  },
  "company": {
    "company_name": "ABC Company"
  },
  "address": {
    "street": "123 Main St",
    "city": "Washington",
    "state": "DC",
    "zip": "123456789"
  },
  "naics": {
    "naics_code": "112210",
    "industry_description": "Hog feedlots (except stockyards for transportation)"
  },
  "size": "2",
  "establishment_type": "1"
}
```

### Response

```
{
  "results": [
    {
      "id": "1234567"
      "establishment_name": "Store 1",
      "errors": "Errors will be here, if present",
      "ein": {
        "ein": "012345678"
      },
      "size": "2",
      "establishment_type": "1",
    }
  ]
}
```

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```
"submission_status": "1",
"establishment_status": "1",
"address": {
  "street": "123 Main St",
  "city": "Washington",
  "state": "DC",
  "zip": "123456789"
},
"naics": {
  "naics_code": "112210",
  "year": "2012",
  "industry_description": " Hog feedlots (except stockyards for
transportation)"
},
"company": {
  "company_name": "ABC Company"
},
"created_timestamp": 1234567890,
"last_edited_timestamp": 0,
"links": {
  "self": "/oshaApi/v1/establishments/1234567"
}
}
],
"success": true
}
```

### Get a List of Establishments

Get a list of establishments for your account

URL: <https://www.osha.gov/oshaApi/v1/establishments>

Action: GET

Header: Authorization Bearer [ITA API Token]

### Response

```
{
  "results": [
    {
      "id": "2345678"
      "establishment_name": "Store 2",
      "ein": {
        "ein": "012345678"
      },
      "size": "2",
      "establishment_type": "1",
      "submission_status": "1",
      "establishment_status": "1",
    }
  ]
}
```

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```
"address": {
  "street": "234 Maple Ave",
  "city": "Washington",
  "state": "DC",
  "zip": "123456789"
},
"naics": {
  "naics_code": "311212",
  "naics_year": "2012",
  "industry_description": "Milling rice"
},
"company": {
  "company_name": "ABC Company"
},
"years_submitted": [
  "2016"
],
"created_timestamp": 1234567890,
"last_edited_timestamp": 987654321,
"links": {
  "self": "/oshaApi/v1/establishments/2345678",
  "form300ALinks": [
    "/oshaApi/v1/forms/form300A/1"
  ]
}
},
{
  ... another Establishment JSON object goes here
}
],
"success": true
}
```

### Get a Specific Establishment

Get a specific establishment for your account

URL: <https://www.osha.gov/oshaApi/v1/establishments/{establishment id goes here}>

Action: GET

Header: Authorization Bearer [ITA API Token]

### Inputs

Data Element	Definition and Validations	Format	Length	Required
id	The system generated establishment id	Integer	N/A	Yes

### Response

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```
{
  "results": [
    {
      "id": "2345678"
      "establishment_name": "Store 2",
      "ein": {
        "ein": "012345678"
      },
      "size": "2",
      "establishment_type": "1",
      "submission_status": "1",
      "establishment_status": "1",
      "address": {
        "street": "234 Maple Ave",
        "city": "Washington",
        "state": "DC",
        "zip": "123456789"
      },
      "naics": {
        "naics_code": "311212",
        "naics_year": "2012",
        "industry_description": "Milling rice"
      },
      "company": {
        "company_name": "ABC Company"
      },
      "years_submitted": [
        "2016"
      ],
      "created_timestamp": 1234567890,
      "last_edited_timestamp": 987654321,
      "links": {
        "self": "/oshaApi/v1/establishments/2345678",
        "form300ALinks": [
          "/oshaApi/v1/forms/form300A/1"
        ]
      }
    }
  ],
  "success": true
}
```

### [Edit Establishment\(s\)](#)

To edit a specific establishment, you will need to make a PATCH request to the ITA service with the authorization header set to the API token that belongs to your account. You will also need to include a JSON object with the ID of the establishment you want to edit as well as the field you want to edit. You can edit multiple fields at one time.

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To edit multiple establishments, you need to include a JSON body of an array of valid establishment request objects with ID's belonging to the establishments you are trying to edit. You can edit multiple fields of an establishment at one time.

URL: [www.osha.gov/oshapi/v1/establishments/{establishment id goes here}](http://www.osha.gov/oshapi/v1/establishments/{establishment id goes here})

Action: PATCH

Header: Authorization Bearer [ITA API Token]

### Inputs

(see Data Dictionary)

### Request

```
{
  "establishment_name": "Store 1",
  "ein": {
    "ein": "012345678"
  },
  "id": "1234567",
  "company": {
    "company_name": "ABC Company"
  },
  "address": {
    "street": "123 Main St",
    "city": "Washington",
    "state": "DC",
    "zip": "123456789"
  },
  "naics": {
    "naics_code": "112120",
    "industry_description": "Dairy cattle farming"
  },
  "size": "2",
  "establishment_type": "1",
  "establishment_status": "1"
}
```

### Response

```
{
  "results": [
    {
      "id": "1234567",
      "establishment_name": "Store 1",
      "ein": {
        "ein": "012345678"
      },
      "size": "2",
      "establishment_type": "1",
    }
  ]
}
```

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```
"submission_status": "1",
"establishment_status": "1",
"address": {
  "street": "123 Main St",
  "city": "Washington",
  "state": "DC",
  "zip": "123456789"
},
"naics": {
  "naics_code": "112120",
  "industry_description": "Dairy cattle farming"
},
"company": {
  "company_name": "ABC Company"
},
"years_submitted": [
  "2016"
],
"created_timestamp": 1234567890,
"last_edited_timestamp": 987654321,
"links": {
  "self": "/oshaApi/v1/establishments/1234567",
  "form300ALinks": [
    "/oshaApi/v1/forms/form300A/1"
  ]
}
},
],
"success": true
}
```

### Add Form 300A Data

To add Form 300A data to an establishment, you will need to make a POST request to the ITA service with the authorization header set to the API token that belongs to your account. You will also need to include a valid 300A data JSON object with the embedded establishment object's ID or name set to the establishment you are trying to create the form for.

To add Form 300A data to multiple establishments, you will need to include a JSON body of an array of valid 300A data JSON objects, with their embedded establishment objects having an ID or name set to the establishment that the 300A data is for.

URL: <https://www.osha.gov/oshaApi/v1/forms/form300A>

Action: POST

Header: Authorization Bearer [ITA API Token]

### Inputs

Data Element	Definition and Validations	Format	Length	Required
id (in Request)	The system generated establishment ID	Integer	N/A	Yes

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Data Element	Definition and Validations	Format	Length	Required
id (in Response)	The system generated ID of the 300A object	Integer	N/A	Yes
establishment_id (in Response)	The system generated establishment ID	Integer	N/A	Yes

### Request

```
{
  "establishment": {
    "id": "1234567",
    "establishment_name": "Store 1"
  },
  "annual_average_employees": "77",
  "total_hours_worked": "152152",
  "no_injuries_illnesses": "2",
  "total_deaths": "0",
  "total_dafw_cases": "3",
  "total_djtr_cases": "1",
  "total_other_cases": "2",
  "total_dafw_days": "10",
  "total_djtr_days": "5",
  "total_injuries": "2",
  "total_skin_disorders": "1",
  "total_respiratory_conditions": "2",
  "total_poisonings": "0",
  "total_hearing_loss": "0",
  "total_other_illnesses": "1"
}
```

### Response

```
{
  "results": [
    {
      "id": "987654",
      "establishment_id": "1234567",
      "year_filing_for": "2016",
      "annual_average_employees": "77",
      "total_hours_worked": "152152",
      "no_injuries": "2",
      "total_deaths": "0",
      "total_dafw_cases": "3",
      "total_djtr_cases": "1",
      "total_other_cases": "2",
      "total_dafw_days": "10",
      "total_djtr_days": "5",
      "total_injuries": "2",
      "total_skin_disorders": "1",

```

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```
    "total_respiratory_conditions": "2",
    "total_poisonings": "0",
    "total_hearing_loss": "0",
    "total_other_illnesses": "1",
    "links": {
      "self": "/oshaApi/v1/forms/form300A/987654",
      "establishment": "/oshaApi/v1/establishments/1234567"
    }
  },
  "success": true
}
```

### Get Form 300A Data

To get Form 300A data for an establishment, you will need to make a GET request to the ITA service with the authorization header set to the API token that belongs to your account. You will also need to include the ID at the end of the request URL that belongs to the specific Form 300A you are trying to retrieve.

URL: <https://www.osha.gov/oshaAPI/v1/forms/form300A/{Form 300A id}>

Action: GET

Header: Authorization Bearer [ITA API Token]

### Response

```
{
  "results": [
    {
      "id": "456789",
      "establishment_id": "2345678",
      "year_filing_for": "2016",
      "annual_average_employees": "200",
      "total_hours_worked": "395200",
      "no_injuries": "1",
      "total_deaths": "0",
      "total_dafw_cases": "0",
      "total_djtr_cases": "0",
      "total_other_cases": "0",
      "total_dafw_days": "0",
      "total_djtr_days": "0",
      "total_injuries": "0",
      "total_skin_disorders": "0",
      "total_respiratory_conditions": "0",
      "total_poisonings": "0",
      "total_hearing_loss": "0",
      "total_other_illnesses": "0",
      "links": {
        "self": "/oshaApi/v1/forms/form300A/456789",
        "establishment": "/oshaApi/v1/establishments/2345678"
      }
    }
  ]
}
```

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```
    }  
  ],  
  "success": true  
}
```

### Edit Form 300A Data

To edit Form 300A data for a specific establishment, you will need to make a PATCH request to the ITA Service with the authorization header set to the API token that belongs to your account. You will also need to include the ID at the end of the URL request that belongs to the specific Form 300A you are trying to edit. You will also need to include a JSON body that includes the ID of the Form 300A you are trying to edit, as well as the field or fields with the edited information.

To edit Form 300A data for several establishments, you will need to include a JSON body with an array of objects each containing the ID of the Form 300A you want to edit, as well as the specific field or fields you want to edit.

URL: <https://www.osha.gov/oshApi/v1/forms/form300A/{Form 300A id}>

Action: PATCH

Header: Authorization Bearer [ITA API Token]

### Inputs

(see Data Dictionary)

### Request

```
{  
  "id": "456790",  
  "annual_average_employees": "200",  
  "total_hours_worked": "395200",  
  "no_injuries_illnesses": "2",  
  "total_deaths": "0",  
  "total_dafw_cases": "1",  
  "total_djtr_cases": "1",  
  "total_other_cases": "0",  
  "total_dafw_days": "10",  
  "total_djtr_days": "20",  
  "total_injuries": "2",  
  "total_skin_disorders": "0",  
  "total_respiratory_conditions": "0",  
  "total_poisonings": "0",  
  "total_hearing_loss": "0",  
  "total_other_illnesses": "0"  
}
```

### Response

```
{  
  "results": [  
    ]  
}
```

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```
{
  "id": "456790",
  "establishmentId": "2345678",
  "year_filing_for ": "2016",
  "annual_average_employees": "200",
  "total_hours_worked": "395200",
  "no_injuries": "2",
  "total_deaths": "0",
  "total_dafw_cases": "1",
  "total_djtr_cases": "1",
  "total_other_cases": "0",
  "total_dafw_days": "10",
  "total_djtr_days": "20",
  "total_injuries": "2",
  "total_skin_disorders": "0",
  "total_respiratory_conditions": "0",
  "total_poisonings": "0",
  "total_hearing_loss": "0",
  "total_other_illnesses": "0",
  "links": {
    "self": "/oshaApi/v1/forms/form300A/456790",
    "establishment": "/oshaApi/v1/establishments/2345678"
  }
},
"success": true
}
```

### Submit Form 300A Data for Establishment(s)

Once Establishment and 300A data have been transmitted, they must be formally submitted so that OSHA will know that the data entry is complete. This requires creating a submission object.

To create a single submission, you will need to make a POST request to the ITA service with the authorization header set to the API token that belongs to your account. To create multiple submissions in one call you will need to send a JSON body of an array of valid submission objects. You will also need to include a JSON body with all required fields.

To re-submit your data (to update or correct it), you will need to re-run the Submit POST request.

URL: <https://www.osha.gov/oshaApi/v1/submissions>

Action: POST

Header: Authorization Bearer [ITA API Token]

### Inputs

Data Element	Definition and Validations	Format	Length	Required
id	The system generated id for the Submission record	Long	N/A	Yes

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### Request

```
{
  "establishment_id": "2345678",
  "year_filing_for": "2016",
  "change_reason": "Reason for resubmission, if applicable"
}
```

### Response

```
{
  "results": [
    {
      "id": "900800",
      "year_filing_for": "2016",
      "establishment": {
        ... see results field of Establishment response object
      },
      "form300A": {
        ... see results field of Form 300A Response Object
      },
      "created_username": "joesample",
      "time_stamp": 1487125329631,
      "links": {
        "self": "/oshaApi/v1/submissions/1",
        "establishment": "/oshaApi/v1/establishments/2345678",
        "form300A": "/oshaApi/forms/form300A/1"
      }
    }
  ],
  "success": true
}
```

### Get a Specific Submission

To get a specific submission, you will need to make a GET request to the ITA service with the authorization header set to the API token that belongs to your account. You will also need to include the ID of the submission at the end of the URL request.

URL: <https://www.osha.gov/oshaApi/v1/submissions/{Submission id}>

Action: GET

Header: Authorization Bearer [ITA API Token]

### Inputs

Data Element	Definition and Validations	Format	Length	Required
id	The system generated ID for the Submission record	Long	N/A	Yes

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### Response

```
{
  "results": [
    {
      "id": "900800",
      "year_filing_for ": "2016",
      "establishment": {
        ... see results field of Establishment response object
      },
      "form300A": {
        ... see results field of Form 300A Response Object
      },
      "created_username": "joesample",
      "time_stamp": 1487125329631,
      "links": {
        "self": "/oshaApi/v1/submissions/900800",
        "establishment": "/oshaApi/v1/establishments/1",
        "form300A": "/oshaApi/v1/forms/form300A/1"
      }
    }
  ],
  "success": true
}
```