DOL OSHA ITA Case Data API Specifications

Department of Labor

Occupational Safety and Health Administration (OSHA)

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Document Change Log

Version	Date	Details
DRAFT	6-23-2023	Initial draft of the specifications
1.0	7-5-2023	Approved by OSHA business team
1.1	8-25-2023	- Added incident_description field - Changed emp_gender to gender
1.2	10-31-2023	Changed gender field to not be required
1.3	1-20-2025	Changed gender field to sex field

Introduction

The Department of Labor (DOL) Occupational Safety and Health Administration (OSHA) Injury Tracking Application (ITA) provides a system to securely access and submit information related to workplace injuries. The application is being enhanced for reporting year 2025 (collection of CY 2024 data) to begin collecting details on individual injury and illness cases.

To facilitate this process, ITA provides a utility to bulk upload larger data sets using API endpoints. API data submission will continue to accept form 300A data and will extend this capability to forms 300 and 301 for the upcoming reporting period. Organizations that have been using API post requests to upload case summary data in the past will continue to follow the same process to post form 300A data. Going forward, additional API endpoints will be provided to upload, view and edit form 300 and 301 data. This document outlines the specifications for the new data collection.

The existing API specification used to submit form 300A data will retain the same structure without modification. The implementation of new API endpoints minimizes the number of impacted end users adopting the new submission process for forms 300 and 301.

> **REMINDER:** Do not include personally identifiable information (PII) or non-mandatory information that can identify employees directly, such as names, Social Security numbers, addresses, telephone numbers, email addresses, healthcare provider information or family member information.

New Endpoints Introduced in v3.0

The table below gives the list of the new endpoints introduced in the OSHA ITA API in the v3.0 release.

Endpoint	HTTP Method	Endpoint URL
Add Case Data	POST	**/oshaApi/v1/forms/caseData**
Get Case Data by Id	GET	**/oshaAPi/v1/forms/caseData/{caseDataId}**
Get Case Data by Establishment Id	GET	**/oshaAPi/v1/forms/caseData/establishment/{establishmentId}**
Edit Case Data	PATCH	**/oshaApi/v1/forms/caseData/{caseDataId}**
Get Case Data by Submission Id	GET	**/oshaApi/v1/submissions/{submissionId}**

Changes to Existing Endpoints

The following end points already exist in the current application, but the behaviors will change for establishments that have case data. These end points will behave exactly as they are behaving currently for establishments that do not have any case data for backward compatibility with existing applications that do not have case data submissions.

Endpoint	HTTP Method	Endpoint URL
Complete Submission (submit summary and case details) for an establishment	POST	**/oshaApi/v1/submissions**

Authentication

The authentication mechanism for the new API endpoints will be the same as for existing endpoints.

Data Dictionary

These are the fields that make up the body of most of the Request API calls involving the Case Data form. Additional fields that are specific to a given call will be detailed inline.

Data Element	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
Id	System Generated	Integer	N/A	No	Yes
case_number	Case number from your Log. The case number must be unique.	Character	100	Yes	No
job_title	Job title	Character	255	Yes	No
date_of_incident	Date employee was injured or became ill. Example: 06-29-2022.	mm-dd-yyyy or mm/dd/yyyy	10	Yes	No
incident_location	Where the event occurred	Character	255	Yes	No
incident_description	Brief description about the incident	Character	255	Yes	No
incident_outcome	Incident outcome Enter 1 for Death Enter 2 for Days away from work Enter 3 for Job transfer or restricted work activity Enter 4 for Other recordable cases	Integer	1	Yes	No
dafw_num_away	If 2 is set on incident_outcome, Days away from work	Integer	3	No	No
djtr_num_tr	If 2 or 3 is set on incident_outcome, Days away or job transfer or restriction	Integer	3	No	No
type_of_incident	Type of Incident 1 for Injury 2 for Skin disorder, 3 for Respiratory condition 4 for Poisoning 5 for Hearing loss 6 for other illnesses	Integer	1	Yes	No
date_of_birth	Date of Birth. Example: 06-29-2022.	mm-dd-yyyy or mm/dd/yyyy	10	Yes	No
date_of_hire	Date employee was hired. Example: 06-29-2022.	mm-dd-yyyy or mm/dd/yyyy	10	Yes	No
sex	M for male F for female	Character	1	No	No
treatment_facility_type	Was employee treated in emergency room? 1 for yes	Integer	1	Yes	No

Data Element	Definition and Validations	Format	Length	Required to CREATE	Required to EDIT
	0 for no				
treatment_in_patient	Was employee hospitalized as an in-patient? 1 for yes 0 for no	Integer	1	Yes	No
time_started_work	Time employee began work in24-hour time. Example: 17:30.	Time (hh:mm)	5	No	No
time_of_incident	Time of event in 24-hour time. Example: 17:30.	Time (hh:mm)	5	No	No
time_unknown	Time is unknown Set to 1 if time is unknown	Int	1	No	No
nar_before_incident	What was employee doing just before the incident occurred?	Text	N/A	Yes	No
nar_what_happened	What happened? Tell us how the injury or illness occurred	Text	N/A	Yes	no
nar_injury_illness	What was the injury or illness?	Text	N/A	Yes	No
nar_object_substance	What object or substance directly harmed the employee?	Text	N/A	Yes	No
date_of_death	If employee died, date of death. Example: 06-29-2022.	mm-dd-yyyy or mm/dd/yyyy	10	No	No

API Endpoint - Add Case Data

To add Case 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 Case data JSON object with the embedded establishment object's ID or name set to the establishment you are trying to create the entry for.

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

Details

URL   : https://www.osha.gov/oshaApi/v1/forms/caseData

Action: POST

Header   : Authorization Bearer [ITA API Token]

Sample Request

```
{
      "establishment": {
            "id": "1234567",
            "establishment_name": "Store 1"
      },
      "case_number": "CS-1617",
      "job_title": "Manager",
      "date_of_incident": "07-18-2022",
      "incident_location": "Location",
      "incident_description": "Brief description",
      "incident_outcome": "1",        // Refer the data dictionary
      "dafw_num_away": "1",
      "djtr_num_tr": "2",
      "type_of_incident": "1",        // Refer the data dictionary
      "date_of_birth": "06-23-1998",
      "date_of_hire": "03-15-2022", "sex":
      "F", "treatment_facility_type": "0",
      "treatment_in_patient": "0",
      "time_started_work": "08:00",
      "time_of_incident": "09:20",
      "time_unknown": "0",
      "nar_before_incident": "Lorem ipsum dolor sit amet.",
      "nar_what_happened": "Lorem ipsum dolor sit amet.",
      "nar_injury_illness": "Lorem ipsum dolor sit amet.",
      "nar_object_substance": "Lorem ipsum dolor sit amet.",
      "date_of_death": "07-22-2022"
}
```

Sample Response

```
{
    "results": [
    {
        "id": "987654",
        "establishment_id": "1234567",
        "year_filing_for ": "2023",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",        // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",        // Refer the data dictionary
        "date_of_birth": "06-23-1998",
        "date_of_hire": "03-15-2022", "sex":
        "F", "treatment_facility_type": "0",
        "treatment_in_patient": "0",
        "time_started_work": "08:00",
        "time_of_incident": "09:20",
        "time_unknown": "0",
        "nar_before_incident": "Lorem ipsum dolor sit amet.",
        "nar_what_happened": "Lorem ipsum dolor sit amet.",
        "nar_injury_illness": "Lorem ipsum dolor sit amet.",
        "nar_object_substance": "Lorem ipsum dolor sit amet.",
        "date_of_death": "07-22-2022",
        "links": {
            "self": "/oshaApi/v1/forms/caseData/987654",
            "establishment": "/oshaApi/v1/establishments/1234567"
        }
    }],
    "success": true
}
```

API Endpoint - Get Case Data By ID

To get Case data for an establishment by the ID of the specific caseData item, 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 301 case data you are trying to retrieve.

Details

URL   : https://www.osha.gov/oshaAPi/v1/forms/caseData/{caseDataId}

Action: GET

Header   : Authorization Bearer [ITA API Token]

Sample Response

```
{
    "results": [
    {
        "id": "456789",
        "establishment_id": "2345678",
        "year_filing_for ": "2016",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",        // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",        // Refer the data dictionary
        "date_of_birth": "06-23-1998",
        "date_of_hire": "03-15-2022", "sex":
        "F", "treatment_facility_type": "0",
        "treatment_in_patient": "0",
        "time_started_work": "08:00",
        "time_of_incident": "09:20",
        "time_unknown": "0",
        "nar_before_incident": "Lorem ipsum dolor sit amet.",
        "nar_what_happened": "Lorem ipsum dolor sit amet.",
        "nar_injury_illness": "Lorem ipsum dolor sit amet.",
        "nar_object_substance": "Lorem ipsum dolor sit amet.",
        "date_of_death": "07-22-2022",
        "links": {
            "self": "/oshaApi/v1/forms/caseData/987654",
            "establishment": "/oshaApi/v1/establishments/2345678"
        }
    }],
    "success": true
}
```

API Endpoint - Get Case Data by Establishment ID

Details

URL   :   https://www.osha.gov/oshaAPi/v1/forms/caseData/establishment/{establishmentId}

Action: GET

Header   : Authorization Bearer [ITA API Token]

Sample Response

```
{
    "results": [
    {
        "id": "456789",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",        // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",        // Refer the data dictionary
        "date_of_birth": "06-23-1998",
        "date_of_hire": "03-15-2022", "sex":
        "F", "treatment_facility_type": "0",
        "treatment_in_patient": "0",
        "time_started_work": "08:00",
        "time_of_incident": "09:20",
        "time_unknown": "0",
        "nar_before_incident": "Lorem ipsum dolor sit amet.",
        "nar_what_happened": "Lorem ipsum dolor sit amet.",
        "nar_injury_illness": "Lorem ipsum dolor sit amet.",
        "nar_object_substance": "Lorem ipsum dolor sit amet.",
        "date_of_death": "07-22-2022",
        "links": {
            "self": "/oshaApi/v1/forms/caseData/456789",
            "establishment": "/oshaApi/v1/establishments/2345678"
        }
    },
    {
        "id": "456790",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",        // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",        // Refer the data dictionary
        "date_of_birth": "06-23-1998",
```

```json
            "date_of_hire": "03-15-2022", "sex":
            "F", "treatment_facility_type": "0",
            "treatment_in_patient": "0",
            "time_started_work": "08:00",
            "time_of_incident": "09:20",
            "time_unknown": "0",
            "nar_before_incident": "Lorem ipsum dolor sit amet.",
            "nar_what_happened": "Lorem ipsum dolor sit amet.",
            "nar_injury_illness": "Lorem ipsum dolor sit amet.",
            "nar_object_substance": "Lorem ipsum dolor sit amet.",
            "date_of_death": "07-22-2022",
            "links": {
                    "self": "/oshaApi/v1/forms/caseData/456790",
                    "establishment": "/oshaApi/v1/establishments/2345678"
            }
    }],
    "success": true
}
```

API Endpoint - Edit Case Data

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

Details

URL   : https://www.osha.gov/oshaApi/v1/forms/caseData/{caseDataId}

Action: PATCH

Header   : Authorization Bearer [ITA API Token]

Sample Request

```
{
        "id ": "456790",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",        // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",        // Refer the data dictionary
        "date_of_birth": "06-23-1998",
         "date_of_hire": "03-15-2022", "sex":
        "F", "treatment_facility_type": "0",
        "treatment_in_patient": "0",
        "time_started_work": "08:00",
        "time_of_incident": "09:20",
        "time_unknown": "0",
        "nar_before_incident": "Lorem ipsum dolor sit amet.",
        "nar_what_happened": "Lorem ipsum dolor sit amet.",
        "nar_injury_illness": "Lorem ipsum dolor sit amet.",
        "nar_object_substance": "Lorem ipsum dolor sit amet.",
        "date_of_death": "07-22-2022"
}
```

Sample Response

```
{
    "results": [
    {
        "id": "456790",
        "establishment_id": "1234567",
        "year_filing_for": "2023",
        "case_number": "CS-1617",
        "job_title": "Manager",
        "date_of_incident": "07-18-2022",
        "incident_location": "Location",
        "incident_description": "Brief description",
        "incident_outcome": "1",          // Refer the data dictionary
        "dafw_num_away": "1",
        "djtr_num_tr": "2",
        "type_of_incident": "1",          // Refer the data dictionary
        "date_of_birth": "06-23-1998",
        "date_of_hire": "03-15-2022", "sex":
        "F", "treatment_facility_type": "0",
        "treatment_in_patient": "0",
        "time_started_work": "08:00",
        "time_of_incident": "09:20",
        "time_unknown": "0",
        "nar_before_incident": "Lorem ipsum dolor sit amet.",
        "nar_what_happened": "Lorem ipsum dolor sit amet.",
        "nar_injury_illness": "Lorem ipsum dolor sit amet.",
        "nar_object_substance": "Lorem ipsum dolor sit amet.",
        "date_of_death": "07-22-2022"
        "links": {
            "self": "/oshaApi/v1/forms/caseData/987654",
            "establishment": "/oshaApi/v1/establishments/1234567"
        }
    }],
    "success": true
}
```

API Endpoint – Complete Submission

To complete the submission for 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.

This is an existing end point and this marks the submission of all the data for the given establishment. This would include the form 300A summary as well as all the case data that has been submitted for the establishment. For establishments that do not have any case data this will behave exactly like in the past and the response will not have the caseData property set. For those establishments that do have case data, this property will be set in the response.

Details

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

Action: POST

Header   : Authorization Bearer [ITA API Token]

Sample Request

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

Sample 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.
          },
          "caseData": [
               "/oshaApi/v1/forms/caseData/{caseDataId}",
               "/oshaApi/v1/forms/caseData/{caseDataId}",
                .
                .
                .
               "/oshaApi/v1/forms/caseData/{caseDataId}"
          ],
          "created_username": "joesample",
          "time_stamp": 1687595329,
          "links": {
          "self": "/oshaApi/v1/submissions/1",
          "establishment": "/oshaApi/v1/establishments/2345678",
          "form300A: "/oshaApi/v1/forms/form300A/1"
     }],
```

```
    "success": true
}
```

API Endpoint - Get Case Data by Submission Id

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.

This is an existing end point. The end point will behave exactly like it used to for establishments that do not have any case data submissions. For those that do have case data submissions, the response will have the caseData property set. For those that do not have case data submissions it will not have the caseData property set.

Details

URL : https://www.osha.gov/oshaApi/v1/submissions/{submissionId}

Action: GET

Header : Authorization Bearer [ITA API Token]

Sample 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
          },
          "caseData": {
               "/oshaApi/v1/forms/caseData/{caseDataId}",
               "/oshaApi/v1/forms/caseData/{caseDataId}",
                .
                .
                .
               "/oshaApi/v1/forms/caseData/{caseDataId}"
          },
          "created_username": "joesample",
          "time_stamp": 1487125329,
          "links": {
               "self": "/oshaApi/v1/submissions/1",
               "establishment": "/oshaApi/v1/establishments/2345678",
               "form300A: "/oshaApi/v1/forms/form300A/1"
          }
     }],
     "success": true
}
```

REMINDER: Please do not include any personally identifiable information (PII) pertaining to worker(s) involved in the incident (e.g., no names, phone numbers, or SSNs) in the narrative fields.