

Technical Specification Document (TSD)

For

EHS – Website Open Data APIs

Abstract

An Integration Specification Document assesses and describes the requirements for a successful data integration

Version : 1.1

Date : Jan - 2023

Requirements

This documentation is designed for **DEVELOPERS**.

Implementation details:

EHS APIs follow REST based architectural.

Supported HTTP method / Verb is **GET**.

EHS REST API supports **application/json**.

On successful API calls return an HTTP code **200** with **JSON** output.

On failed API calls return an HTTP codes **403, 404, 444 or 500** with **JSON** output.

For all API calls, **EHSGatewayAPIKey** http header must be sent with valid **API TOKEN VALUE**.

For all API calls, **Basic Authentication** http header must be sent with valid **Username / Password**.

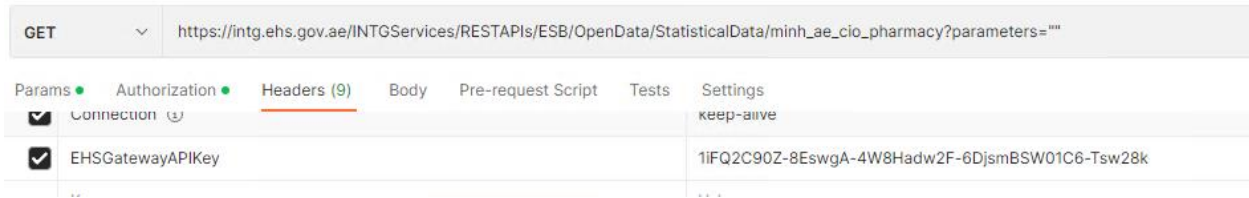
Only one call will be responded success with in a duration of 5 seconds. Other calls will be rejected.

Endpoint Details

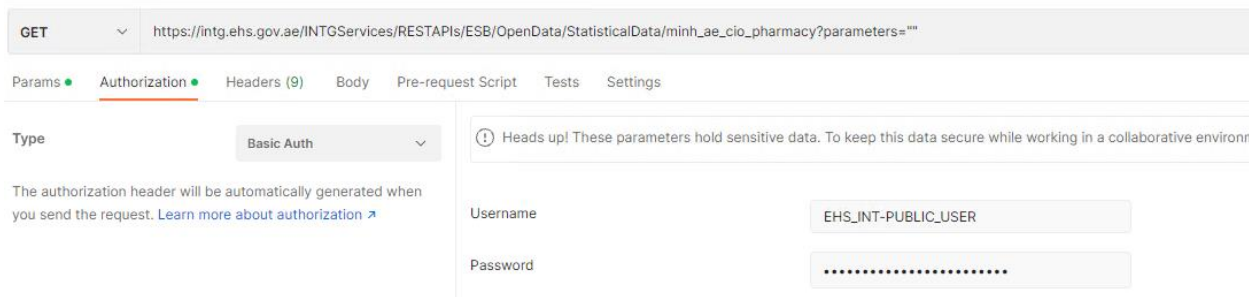
Environment	PRODUCTION
URL (HTTPS)	https://intg.ehs.gov.ae/ *
Pharmacy	/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_pharmacy
Radiology	/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_rad
LAB	/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_lab
Basic – Auth	
Username	EHS_INT-PUBLIC_USER
Password	pUbu\$3RW3B-Pr(o)D-2O3(O)
EHS Gateway API Key	
Name	EHSGatewayAPIKey
Value	1iFQ2C9oZ-8EswgA-4W8Hadw2F-6DjSmBSWo1C6-Tsw28k

Sample Data

EHS API Key Configuration in Header (Postman)



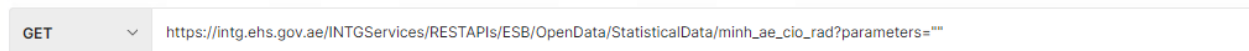
Basic HTTP configuration with username / password (Postman)



Input Request – Radiology

Method: GET

Parameters: NULL



Output Request – Radiology

```

Body Cookies (1) Headers (20) Test Results
Pretty Raw Preview Visualize JSON
1  {
2    "record_data": {
3      "success": "True",
4      "messagecode": "Success",
5      "errormessage": "No Error",
6      "qual": [
7        {
8          "department": "Radiology",
9          "total": 31836,
10         "examination_type": "General Diagnostic"
11        },
12        {
13          "department": "Radiology",
14          "total": 7264,
15          "examination_type": "Ultrasound"
16        }
17      ]
18    }
19  }

```

Input Request – Pharmacy

Method: GET

Parameters: NULL

```

GET https://intg.ehs.gov/ae/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_pharmacy?parameters=""

```

Output Request – Pharmacy

```

Body Cookies (2) Headers (20) Test Results
Pretty Raw Preview Visualize JSON
1  {
2    "record_data": {
3      "success": "True",
4      "messagecode": "Success",
5      "errormessage": "No Error",
6      "qual": [
7        {
8          "department": "Pharmacy",
9          "encounter_type_class": "",
10         "order_type": "Administered",
11         "orders_count": 1,
12         "medication_count": 1
13        },
14        {
15          "department": "Pharmacy",
16          "encounter_type_class": "Emergency",
17          "order_type": "Discharge",
18          "orders_count": 70411,
19          "medication_count": 70777
20        }
21      ]
22    }
23  }

```

Input Request – LAB

Method: GET

Parameters: NULL

GET ▼ [https://intg.ehs.gov.ae/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_lab?parameters=""](https://intg.ehs.gov.ae/INTGServices/RESTAPIs/ESB/OpenData/StatisticalData/minh_ae_cio_lab?parameters=)

Output Request – LAB

Body Cookies (3) Headers (20) Test Results

Pretty Raw Preview Visualize JSON ▼ ☰

```

1  {
2    "record_data": {
3      "success": "True",
4      "messagecode": "Success",
5      "errormessage": "No Error",
6      "qual": [
7
8        {
9          "total": 16218,
10         "activity_type": "Anatomic Pathology",
11         "activity_sub_type": "Cytology & Histopathology",
12         "department": "Laboratory",
13         "year": "2022"
14       },
15       {
16         "total": 175264,
17         "activity_type": "Blood Bank",
18         "activity_sub_type": "Blood Bank Related Tests",
19         "department": "Laboratory",
20         "year": "2022"
21       }
22     ]
23   }
24 }

```