

# **Modifications and the Improvements of Official Website and Project Monitoring Tool for Primary Health Care Systems Strengthening Project (PSSP)**

## **API SPECIFICATION**

**Prepared By**



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## Approvals

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## 1.0 Introduction

This document has been prepared to describe API endpoints, respective request and responsive parameters. Purpose of this document is to verify whether the final API can cater the expected requirement or discussion for any required changes of the final API before start development.

## 2.0 Required APIs

### 2.1 Get District

#### CURL Request for the Get Districts

**“District id must be unique and it should not be changed.”**

Parameter Name	Description
district_id	District id
district_name	District name

```
curl --request GET\  
--url 'https://hims.health.gov.lk/data?name=get_district_list'\  
--header 'content-type: application/json'
```

#### Response

```
{  
  "data": [  
    {"district_id": "42", "district_name": "Colombo"},  
    {"district_id": "43", "district_name": "Gampaha"},  
    {"district_id": "44", "district_name": "Kalutara"},  
    .....  
  ],  
  "status":
```

```
{  
  "code": 200,  
  "type": "success"  
}
```

## 2.2 Get Province

### CURL Request for the Get Provinces

**“Province id must be unique and it must not be changed.”**

Parameter Name	Description
province_id	Province id
province_name	Province name

```
curl --request GET\  
--url 'https://hims.health.gov.lk/data?name=get_province_list' \  
--header 'content-type: application/json' \  

```

### Response

```
{  
  "data": [  
    {"province_id": "42", "province_name": "Central"},  
    {"province_id": "43", "province_name": "Eastern"},  
    {"province_id": "44", "province_name": "Sabaragamuwa"},  
    .....  
  ],  
  "status":  
  {  

```

```
"code": 200,  
"type": "success"  
}  
}
```

## 2.3 Get Institute

### CURL Request for the Get Institutes

**“Institute id must be unique and it must not be changed.”**

Parameter Name	Description
institute_id	Institute id
name	Institute name
hin	Health Institutions Number
latitude	Latitude
longitude	Longitude
address	Address
provice_id	Province id
district_id	District id

```
curl --request GET\  
--url 'https://hims.health.gov.lk/data?name=get_institutes_list' \  
--header 'content-type: application/json' \
```

### Response

```
{
  "data": [
    {
      "institute_id": "1",
      "name": "Gampola - Base
      B",
      "hin": "LKY0000984",
      "latitude": "0.00011",
      "longitude": "0.455577",
      "address": "Gampola",
      "province_id": "3",
      "district_id": "12"
    },
    {
      "institute_id": "2",
      "name": "Kandy -
      Teaching",
      "hin": "LKY0001008",
      "latitude": "0.000221",
      "longitude": "0.455555",
      "address": "Kandy",
      "province_id": "5",
      "district_id": "22"
    },
    .....
  ],
  "status": {
    "code": 200,
    "type": "success"
  }
}
```

## 2.4 Get Institute wise Total Population

### CURL Request for the Get Institutes Total Population

Parameter Name	Description
institute_id	Institute id
year	Year
male	Total Population of Male
female	Total Population of Female
over_35_male	Total Population of Male (over 35)
over_35_female	Total Population of Female (over 35)
target_over_35_male	Annual Target Population Male (over 35)
target_over_35_female	Annual Target Population Female (over 35)

```
curl --request GET\  
--url 'https://hims.health.gov.lk/data?  
name=get_institutes_total_population_list&year=2021'\  
--header 'content-type: application/json'
```

### Response

```
{  
  "data": [  
    {"institute_id": "1", "year": "2021", "male": "30401", "female": "33973", "  
    over_35_male": "13114", "over_35_female": "15363",  
    "target_over_35_male": "5120", "target_over_35_female": "7120"},  
    {"institute_id": "2", "year": "2021", "male": "40401", "female": "53973", "  
    over_35_male": "123114", "over_35_female": "35363",  
    "target_over_35_male": "7120", "target_over_35_female": "7120"},  
    .....  
  ],  
  "status":  
    {  
      "code": 200,  
      "type": "success"  
    }  
}
```



## 2.5 Get No of registered by the PMCI's by Monthly

### CURL Request for the Get No of registered by the PMCI's by Monthly

Parameter Name	Description
institute_id	Institute id
year	Year
month	Month
male	No of Registered Male
female	No of Registered Female

```
curl --request GET \
--url 'https://hims.health.gov.lk/data?
name=get_institutes_registered_list&year=2021&month=September' \
--header 'content-type: application/json' \
Response
{
  "data": [
    {"institute_id": "1", "year": "2021", "month": "September", "male": "30401", "female": "33973"},
    {"institute_id": "2", "year": "2021", "month": "September", "male": "40401", "female": "53973"},
    .....
  ],
  "status": {
    "code": 200,
    "type": "success"
  }
}
```

## 2.6 Get No of screened by the PMCI's by Monthly

### CURL Request for the Get No of screened by the PMCI's by Monthly

Parameter Name	Description
institute_id	Institute id
year	Year
month	Month
male	No of Screened Male
female	No of Screened Female

```
curl --request GET \
--url 'https://hims.health.gov.lk/data?
name=get_institutes_screened_list&year=2021&month=September' \
--header 'content-type: application/json' \
Response
{
  "data": [
    {"institute_id": "1", "year": "2021", "month": "September", "male": "30401", "female": "33973"},
    {"institute_id": "2", "year": "2021", "month": "September", "male": "40401", "female": "53973"},
    .....
  ],
  "status": {
    "code": 200,
    "type": "success"
  }
}
```

## 2.7 Get Number of Patients with CVD Risks

### CURL Request for the Get Number of Patients with CVD Risks

Parameter Name	Description
institute_id	Institute id
year	Year
month	Month
less_than_10_male	Risk Category of Male (less than 10%)
less_than_10_female	Risk Category of Female (less than 10%)
10_to_20_male	Risk Category of Male (10% to 20%)
10_to_20_female	Risk Category of Female (10% to 20%)
30_to_40_male	Risk Category of Male (30% to 40%)
30_to_40_female	Risk Category of Female (30% to 40%)
greater_than_40_male	Risk Category of Male (greater than 40%)
greater_than_40_female	Risk Category of Female (greater than 40%)

```
curl --request GET \
--url 'https://hims.health.gov.lk/data?
name=get_patients_with_cvd_risk_list&year=2021&month=September' \
--header 'content-type: application/json' \
```

Response

```
{
"data":[
```

```
{ "institute_id": "1", "year": "2021", "month": "September", "less_than_10_male": "30401", "less_than_10_female": "33973", "10_to_20_male": "5025", "10_to_20_female": "6023", "30_to_40_male": "7025", "30_to_40_female": "1023", "greater_than_40_male": "3025", "greater_than_40_female": "6023" },
{ "institute_id": "2", "year": "2021", "month": "September", "less_than_10_male": "10401", "less_than_10_female": "23973", "10_to_20_male": "3025", "10_to_20_female": "4023", "30_to_40_male": "5025", "30_to_40_female": "6023", "greater_than_40_male": "8025", "greater_than_40_female": "7023" },
.....
],
"status":
{
"code": 200,
"type": "success"
}
}
```