

DATA SPECIFICATION FOR
Housing Authority's Public Rental Housing Stock

25 Jul 2024

1. INTRODUCTION

Datasets for Housing Authority's Public Rental Housing Stock are hosted on Open Data Portal under the category "Housing" and data provider "Hong Kong Housing Authority".

The datasets can be accessed via the URL below:

<https://data.gov.hk/en-data/dataset/hk-housing-emms-emms-housing-stock>

2. API

2.1 Get Data of Housing Authority's Public Rental Housing Stock

Resource URL: <https://data.housingauthority.gov.hk/psi/rest/export>

Resource Information:

Response formats	JSON, CSV, XML
Requires authentication	No
Response encoding	UTF-8

Path Parameters

dataresource	Mandatory. Valid values are: ha_prhs : Data Resource of Public Rental Housing Stock
district	Mandatory. Valid values are: ha_prhs_a : Profile of Public Housing Flats of District Central & Western ha_prhs_b : Profile of Public Housing Flats of District Wan Chai ha_prhs_c : Profile of Public Housing Flats of District Eastern ha_prhs_d : Profile of Public Housing Flats of Southern ha_prhs_e : Profile of Public Housing Flats of Yau Tsim Mong ha_prhs_f : Profile of Public Housing Flats of Sham Shui Po ha_prhs_g : Profile of Public Housing Flats of Kowloon City ha_prhs_h : Profile of Public Housing

	Flats of Wong Tai Sin ha_prhs_j : Profile of Public Housing Flats of Kwun Tong ha_prhs_k : Profile of Public Housing Flats of Tsuen Wan ha_prhs_l : Profile of Public Housing Flats of Tuen Mun ha_prhs_m : Profile of Public Housing Flats of Yuen Long ha_prhs_n : Profile of Public Housing Flats of North ha_prhs_p : Profile of Public Housing Flats of Tai Po ha_prhs_q : Profile of Public Housing Flats of Sai Kung ha_prhs_r : Profile of Public Housing Flats of Sha Tin ha_prhs_s : Profile of Public Housing Flats of Kwai Tsing ha_prhs_t : Profile of Public Housing Flats of Islands
lang	Mandatory. Valid values are: en : English
format	Mandatory. Valid values are: json : JSON file format csv : CSV file format xml : XML file format

Response Code:

HTTP Code	Definition
200	Success
400	Bad Request
500	Internal Server Error

Example Request:

https://data.housingauthority.gov.hk/psi/rest/export/ha_prhs/ha_prhs_a/en/json

Example Response:

```

{
  "data": [
    {
      "estate_english_name": "WAH LAI ESTATE",
      "estate_chinese_name": "華荔邨",
      "district_english_name": "KWAI TSING",
      "district_chinese_name": "葵青",
      "region_english_name": "KOWLOON WEST & SAI KUNG",
      "region_chinese_name": "西九龍及西貢",
      "english_name_of_block": "SEUNG LAI HOUSE",
      "chinese_name_of_block": "賞荔樓",
      "flat_number": "301A",
      "floor_number": "3",
      "internal_floor_area": "13.55",
      "avail_of_elevator_services": "Y",
      "estate_map_latitude": "22.34257",
      "estate_map_longitude": "114.13754"
    }
  ]
}

```

3. DATA DICTIONARY

The data of Housing Authority's Public Rental Housing Stock are provided. This web service returns up-to-date data in JSON format.

3.1 Public Housing Flats

Item	Description	Note
estate_english_name	English Name of the public housing estates.	Text X(30) Example: "estate_english_name": "WAH LAI ESTATE"
estate_chinese_name	Chinese Name of the public housing estates.	Text X(60) Example: "estate_chinese_name": "華荔邨"

district_english_name	District English Name of the public housing estate.	Text X(40) Example: "district_english_name": "KWAI TSING"
district_chinese_name	District Chinese Name of the public housing estate.	Text X(60) Example: "district_chinese_name": "葵青"
region_english_name	Region English Name of the public housing estate.	Text X(30) Example: "region_english_name": "KOWLOON WEST & SAI KUNG"
region_chinese_name	Region Chinese Name of the public housing estate.	Text X(60) Example: "region_chinese_name": "西九龍及西貢"
english_name_of_block	English Name of Block.	Text X(30) Example: "english_name_of_block": "SEUNG LAI HOUSE"
chinese_name_of_block	Chinese Name of Block.	Text X(60) Example: "chinese_name_of_block": "賞荔樓"

flat_number	Flat Number.	Text X(6) Example: "flat_number":"301A"
floor_number	Floor Number.	Text X(3) Example: "floor_number":"3"
internal_floor_area	Internal Floor Area.	Numeric <99.99> Example: "internal_floor_area":13.55
avail_of_elevator_services	Availability of Elevator Services.	Text X(1) Example: "avail_of_elevator_services":"Y"
estate_map_latitude	The latitude of the public housing estate.	Numeric <99.999999> Example: "estate_map_latitude":"22.34257"
estate_map_longitude	The longitude of the public housing estate.	Numeric <999.999999> Example: "estate_map_longitude":"114.13754"