

# Package ‘hkdatasets’

September 4, 2021

**Title** Datasets Related to Hong Kong

**Version** 1.0.0

**Description** Datasets related to Hong Kong, including information on the 2019 elected District Councillors (<<https://www.districtcouncils.gov.hk>> and <<https://dce2019.hk01.com/>>) and traffic collision data from the Hong Kong Department of Transport (<<https://www.td.gov.hk/>>). All of the data in this package is available in the public domain.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**URL** <https://hong-kong-districts-info.github.io/hkdatasets/>

**BugReports** <https://github.com/Hong-Kong-Districts-Info/hkdatasets/issues>

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**Depends** R (>= 3.5.0)

**Imports** utils, fst

**Suggests** dplyr, tidyr, here

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

download_data . . . . .	2
hkagepop19 . . . . .	3

hkdc . . . . .	4
hkdistrict_summary . . . . .	5
hkstreetnames20 . . . . .	6
<b>Index</b>	<b>7</b>

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download_data	<i>Download and Extract data from online sources</i>
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## Description

Download and extract data from preset online sources, specifying the name of the dataset.

## Usage

```
download_data(dataset = NULL)
```

## Arguments

dataset	String containing the name of the dataset. Valid values include: - "hk_accidents" - "hk_casualties" - "hk_vehicles"
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## Details

This supersedes the method for pulling `hk_accidents`, `hk_casualties`, and `hk_vehicles` due to the size of the data file. Refer to <https://hong-kong-districts-info.github.io/hkdatasets/> to access the data documentation for three datasets.

## Value

A data frame is returned.

## Examples

```
# You can download and return a dataset with the following code:
download_data(dataset = "hk_vehicles")
```

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hkagepop19	<i>Land-based non-institutional population by District Council district and age group</i>
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**Description**

Land-based non-institutional population by District Council district and age group

**Usage**

hkagepop19

**Format**

A data frame with 18 rows and 8 variables:

**District\_ZH** District Name in Chinese

**District\_EN** District Name in English

**Age\_0\_14** Population aged between 0 and 14

**Age\_15\_24** Population aged between 15 and 24

**Age\_25\_44** Population aged between 25 and 44

**Age\_45\_64** Population aged between 45 and 64

**Age\_65** Population aged 65+

**TotalPopulation** Total population per district ...

**Details**

This dataset is updated as of 2019. Numbers represent estimates of population based on calculated census percentages.

**Source**

<https://www.censtatd.gov.hk/hkstat/sub/sp150.jsp?productCode=FA100096>

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hkdc *Dataset with public domain information on Hong Kong District Councillors (elected 2019).*

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### Description

A dataset containing public domain information of the 452 Hong Kong District Councillors elected in 2019.

### Usage

hkdc

### Format

A data frame with 452 rows and 33 variables:

**ConstituencyCode** Constituency code for the District Council  
**Constituency\_ZH** Constituency name in Chinese  
**Constituency\_EN** Constituency name in English  
**District\_ZH** District name in Chinese  
**District\_EN** District name in English  
**Region\_ZH** Region name in Chinese  
**Region\_EN** Region name in English  
**Party\_ZH** Party name in Chinese  
**Party\_EN** Party name in English  
**DC\_ZH** District Councillor name in Chinese  
**DC\_EN** District Councillor name in English  
**FacebookURL** URL of the DC's Facebook Page  
**DCPageURL** URL of the DC's official page  
**Address** Office address of the DC  
**Phone** Phone number of the DC  
**Fax** Fax number of the DC  
**Email** Email address of the DC  
**WebsiteURL** URL of the DC's non government page  
**DCProjectPageURL** URL of the DC's page listing on Hong Kong Districts Info  
**ElectionYear** Year when the DC is elected  
**ElectionDate** Date when the DC is elected  
**CandidateNum** Candidate number of the DC when elected  
**Occupation** Occupation of the DC when elected

**Political\_ZH** Political Party of the DC when elected in Chinese  
**Political\_EN** Political Party of the DC when elected in English  
**Camp\_ZH** Political leaning/camp of the DC when elected in Chinese  
**Camp\_EN** Political leaning/camp of the DC when elected in English  
**Vote** Number of votes won  
**VotePercentage** Share of vote  
**Gender\_ZH** Gender of the DC in Chinese  
**Gender\_EN** Gender of the DC in English  
**Tag\_ZH** Granular political leaning/camp of the DC when elected in Chinese  
**Tag\_EN** Granular political leaning/camp of the DC when elected in English ...

### Source

<https://www.districtcouncils.gov.hk>  
<https://dce2019.hk01.com/>

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hkdistrict\_summary      *Dataset summarising the labels and regions of Hong Kong's Districts*

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### Description

This is a summary table that details the region classification and abbreviated labels of Hong Kong's districts.

### Usage

```
hkdistrict_summary
```

### Format

A data frame with 18 rows and 5 variables:

**Code** District Code  
**District\_EN** District name in English  
**District\_ZH** District name in Chinese  
**Region\_EN** Region name in English  
**Region\_ZH** Region name in Chinese  
**Abbrev** District Abbreviation ...

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hkstreetnames20

*Dataset with Hong Kong Street Names as at 2020.*

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### Description

A dataset containing street names in Hong Kong as at 2020.

### Usage

hkstreetnames20

### Format

A data frame with 4603 rows and 21 variables:

**DC** Constituency code for the District Council

**StreetNames\_EN** Street name in English

**StreetNames\_ZH** Street name in Chinese

**TM** Tuen Mun district

**ST** Sha Tin district

**E** Eastern district

**S** Southern district

**WC** Wan Chai district

**C&W** Central and Western district

**Is** Islands district

**YL** Yuen Long district

**SK** Sai Kung district

**KC** Kowloon City district

**YTM** Yau Tsim Mong district

**KT** Kwun Tong district

**SSP** Sham Shui Po district

**N** North district

**TP** Tai Po district

**K&T** Kwai Tsing district

**TW** Tsuen Wan district

**WTS** Wong Tai Sin district ...

### Source

<https://www.landsd.gov.hk>

# Index

## \* datasets

- hkagepop19, [3](#)
- hkdc, [4](#)
- hkdistrict\_summary, [5](#)
- hkstreetnames20, [6](#)

download\_data, [2](#)

- hkagepop19, [3](#)
- hkdc, [4](#)
- hkdistrict\_summary, [5](#)
- hkstreetnames20, [6](#)