

Transport Department

Open Data Plan for 2020 to 2022

A. Departmental datasets to be released in 2020

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Real-time arrival data of green minibuses (GMBs)	From 12/2020 - Q4 2022 by batches	Every 1 minute	Real-time arrival information for 3 consecutive GMBs of each GMB route at each stop in JSON format

B. Departmental datasets to be released in 2021 and 2022

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Parking vacancy data of on-street metered parking spaces	01/2021	Real-time	Real-time parking vacancy data of on-street metered parking spaces in JSON format
2	Transport/ Traffic notices	From Q1 2021 - Q4 2021 by batches	As and when necessary	Different types of traffic notices in XML format
3	Transport/ Traffic data of strategic / major roads	04/2021	Every 30 seconds (raw data) Every 2 minutes (processed data)	Traffic data from traffic detectors including traffic volume, traffic speed and road occupancy in XML format <i>(Processed data comprises the collected traffic speed data mapped onto the respective road network segment)</i>

4	Transport/ Annual Traffic Census survey data	04/2021	Daily	Hourly traffic volume of selected routes in 10 different vehicle classes in XML format
5	Transport/ Enhancement of existing journey time indicators dataset	04/2021	Every 1 minute	Dataset to cover the traffic data of new journey time indicators to be installed by early 2021 in XML format
6	Transport/ Enhancement of existing speed map panels dataset	04/2021	Every 1 minute	Dataset to cover the traffic data of an existing speed map panel to be enhanced by early 2021 in CSV and PNG formats

C. Datasets planned to be opened up by other organisations

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	N/A			

Remark:

TD has been liaising with public transport operators (including franchised bus operators and MTRCL) to encourage the opening up of their data, in particular the real-time arrival information, in machine-readable format on the “data.gov.hk” Portal. The feedback from these operators has been positive so far. The details will be included in the TD’s Open Data Plan when the outcome of the discussion is available.

D. Progress: Datasets already uploaded to PSI Portal by Department and other organisations

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Bus service of New Lantao Bus Company (1973) Limited	08/2019	Real-time	Information of the bus service in JSON format (Data owned and released by New Lantao Bus Company (1973) Limited)
2	Transport/ Cycling Information	03/2020	As and when necessary	Location of major cycle tracks and bicycle parking sites in GDB, KML, GML and GFS formats
3	Transport/ Distribution of metered parking spaces at different districts in Hong Kong	03/2018	Half-yearly	Tables showing the distribution of metered parking spaces at different districts in Hong Kong in CSV and XLSX formats
4	Transport/ Headway information of public transport services	01/2019	Bi-weekly	Headway information of different means of public transport services in GTFS format
5	Transport/ Journey time indicators	03/2011	Every 2 minutes	Average journey time for major roads displayed on all journey time indicators in XML format
6	Transport/ Junction blacksite list	04/2018	Quarterly	List of junction blacksite in CSV and XLS formats
7	Transport/ Lantau Closed Road Permit for tour service of non-franchised bus application status	06/2018	As and when necessary	List of Lantau Closed Road Permit for tour service of non-franchised bus application status in CSV and XLSX formats
8	Transport/ List of ferry service timetables and fare tables of The Star Ferry Company Limited	12/2018	As and when necessary	List of ferry service timetables and fare tables in CSV and XLSX formats (Data owned and released by The "Star" Ferry Company Limited)
9	Transport/ Monthly Traffic and Transport Digest	04/2018 (From 08/2019 - 04/2020 by batches for CSV format)	Monthly	Monthly Traffic and Transport Digest in CSV and XLS formats

10	Transport/ MTR routes, fares and barrier-free facilities	N/A	Monthly	MTR routes, fares and barrier-free facilities in CSV format <i>(Data owned and released by MTR Corporation Limited)</i>
11	Transport/ Parking vacancy data	06/2017	Hourly/Real-time	Parking vacancy data and basic car park information, such as location, address, height restriction, etc. in JSON format
12	Transport/ Particulars of first registered vehicles	12/2019	Monthly	Particulars of first registered vehicles in CSV and XLSX formats
13	Transport/ Real-time MTR train information	08/2019	Real-time	Arrival time information for up to the next four trains of the Airport Express, Tung Chung Line, West Rail Line and Tseung Kwan O Line in JSON format <i>(Data owned and released by MTR Corporation Limited)</i>
14	Transport/ Real-time "Next Bus" arrival time and related data of Citybus	08/2019	Every 1 minute	Routes, bus stops and real-time Estimated Time of Arrival (ETA) data in JSON format <i>(Data owned and released by Citybus Limited)</i>
15	Transport/ Real-time "Next Bus" arrival time and related data of New World First Bus	08/2019	Every 1 minute	Routes, bus stops and real-time Estimated Time of Arrival (ETA) data in JSON format <i>(Data owned and released by New World First Bus Services Limited)</i>
16	Transport/ Road network	11/2017	Monthly	Road network data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats
17	Transport/ Road Traffic Accident Statistics	06/2019	As and when necessary	Traffic accident and casualties statistics in CSV and XLSX formats
18	Transport/ Roadworks location data	06/2019	As and when necessary	Location of roadworks by HyD for roads with speed limit \geq 70km/h in JSON format
19	Transport/ Routes and fares of public transport	01/2013	Bi-weekly	Routes and fares of franchised bus, green minibus (GMB), ferry, peak tram and tram in CSV, MDB and XML formats
20	Transport/ Schedules and fare tables of licensed ferry services	09/2019 (From 09/2019 - 12/2020 by batches)	As and when necessary	List of schedules and fare tables of licensed ferry services in CSV and XLSX formats
21	Transport/ Smart device locations for elderly using signalised pedestrian crossing	05/2018	As and when necessary	List of smart device locations for elderly using signalised pedestrian crossing in CSV and XLSX formats

22	Transport/ Special traffic news	03/2011	Real-time	The latest special traffic and transportation arrangements through the territory in times of traffic incidents in XML format
23	Transport/ Speed map panels	01/2013	Every 2 minutes	Images of speed map panels at five locations in the New Territories indicating the latest traffic conditions in CSV and PNG formats
24	Transport/ Taxi call stations	05/2018	As and when necessary	Telephone list of taxi call stations in CSV and XLSX formats
25	Transport/ The Code on Access to Information - disclosure log	05/2018	Quarterly	Summary descriptions of the nature of information requested and released under the Code on Access to Information by TD in CSV and XLSX formats
26	Transport/ Traffic aids drawings	11/2017	Monthly	Traffic aids drawings data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats
27	Transport/ Traffic flow census	11/2017	Yearly	Traffic flow census data in GML, MDB, XSD and ZIP formats
28	Transport/ Traffic snapshot images	03/2011	Every 2 minutes	Traffic snapshot images captured by the closed circuit televisions (CCTV) on major roads in CSV, JPG and XML formats
29	Transport/ Traffic speed map	03/2011	Every 5 minutes	Average traffic speed of major roads in XML format
30	Transport/ Tramways tram stops	N/A	As and when necessary	The list of tram stops of Hong Kong Tramways in CSV format <i>(Data owned and released by Hong Kong Tramways, Limited)</i>
31	Transport/ Tramways main routes	N/A	As and when necessary	The list of main routes operated by Hong Kong Tramways in CSV format <i>(Data owned and released by Hong Kong Tramways, Limited)</i>

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