Transport Department

Annual Open Data Plan for 2018

A. Departmental datasets to be released in 2019

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Snapshots captured by video detectors at North Lantau Highway	01/2019	Every 2 minutes	Still snapshots images in JPG format *(The snapshots captured by video detectors to be installed at other strategic routes and major roads will be available in early 2021)*
2.	Transport/ Road traffic accident statistics for 2017	06/2019	-	Road traffic accident statistics in 2017 in XLSX and CSV formats
3.	Transport/ Roadworks location data	06/2019	Ad hoc	Location of roadworks by HyD for roads with speed limit ≥ 70km/h in JSON format
4.	Transport/ Annual Traffic Census for 2018	12/2019	-	The Annual Traffic Census for 2018 in GML, MDB and XSD formats
5.	Transport/ Road traffic accident statistics for 2018	12/2019	-	Road traffic accident statistics for 2018 in XLSX and CSV formats
6.	Transport/ Particulars of first registered vehicles	12/2019	Monthly	Particulars of first registered vehicles in XLS, XLSX and CSV formats
7.	Transport/ Enhancement of data format of existing Lantau Closed Road Permit for tour service of non-franchised bus application status dataset in Part D	01/2019	Ad hoc	Dataset in CSV format in addition to the existing XLSX format

8.	Transport/ Enhancement of data format of existing routes and fares of public transport dataset in Part D	01/2019	Bi-weekly	Routes and fares of franchised bus, green minibus (GMB), ferry, peak tram and tram in General Transit Feed Specification (GTFS) format in addition to the existing formats
9.	Transport/ Enhancement of data format of existing junction blacksite list dataset in Part D	06/2019	Quarterly	Dataset in CSV format in addition to the existing XLSX format
10.	Transport/ Enhancement of existing parking vacancy data (government carparks) in Part D	06/2019	Real-time	Hourly dataset on whether there are vacant parking spaces in 10 government car parks replaced by real-time dataset of the number of vacant parking spaces. Parking vacancy information of about 280 government, commercial and STT public car parks are currently disseminated through TD's "HKeMobility" application. TD will continue to encourage private car park operators to agree to release their parking vacancy data through "data.gov.hk".
11.	Transport/ Enhancement of data format of existing distribution of metered parking spaces at different districts dataset in Part D	06/2019	Half-yearly	Dataset in CSV format in addition to the existing XLSX format
12.	Transport/ Enhancement of data structure of existing special traffic news dataset in Part D	09/2019	Ad hoc	Re-formatting of special traffic news structure

B. Departmental datasets to be released in 2020 and 2021

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Cycle tracks and bicycle parking sites	03/2020	Ad hoc	Location of major cycle tracks and bicycle parking sites in DGN and GML formats
2.	Transport/ Parking vacancy data of on-street metered parking spaces	05/2020	Real-time	Real-time parking vacancy data of on-street metered parking spaces in JSON format
3.	Transport/ Ferry schedules and fare tables	12/2020	Ad hoc	Ferry schedules and fare tables of 20 licenced ferry services and 3 kaito services in XLSX and CSV formats
4.	Transport/ Annual Traffic Census for 2019	12/2020	-	The Annual Traffic Census for 2019 in GML, MDB and XSD formats
5.	Transport/ Road traffic accident statistics for 2019	12/2020	-	Road traffic accident statistics for 2019 in XLSX and CSV formats
6.	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 *(Processed data comprises the collected traffic speed data mapped onto the respective road network segment)*
7.	Transport/ Annual Traffic Census survey data	04/2021	Daily	Hourly traffic volume of selected routes in 10 different vehicle classes in XML format
8.	Transport/ Annual Traffic Census for 2020	12/2021	-	The Annual Traffic Census for 2020 in GML, MDB and XSD formats
9.	Transport/ Road traffic accident statistics for 2020	12/2021	-	Road traffic accident statistics for 2020 in XLSX and CSV formats
10.	Transport/ Real-time arrival data of green minibuses (GMBs)	From Q2 2021 – Q4 2022 by batches	Every 1 minute	Real-time arrival information for 3 consecutive GMBs of each GMB route at each stop

11.	Transport/ Enhancement of data format of existing Monthly Traffic and Transport Digest dataset in Part D	From 09/2019 – 06/2020 by batches	Monthly	Dataset in CSV format in addition to the existing XLS format
12.	Transport/ Enhancement of existing journey time indicators dataset in Part D	04/2021	Every 1 minute	Dataset to cover the traffic data of new journey time indicators to be installed by early 2021
13.	Transport/ Enhancement of existing speed map panels dataset in Part D	04/2021	Every 1 minute	Dataset to cover the traffic data of an existing speed map panel to be enhanced by early 2021

C. Datasets planned to be opened up by other organisations

(1) The "Star" Ferry Company, Limited

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Ferry service timetables and fare tables	12/2018	Ad hoc	List of ferry service timetables and fare tables in XLSX and CSV formats

(2) Citybus Limited / New World First Bus Services Limited

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Real-time arrival data of bus routes	09/2019	Every 1 minute	Real-time arrival data of bus routes in JSON format Feasibility of dissemination of data in GTFS format is being explored with the data owner

(3) New Lantao Bus Company (1973) Limited

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Real-time arrival data of bus routes	09/2019	Every 1 minute	Real-time arrival data of bus routes in JSON format Feasibility of dissemination of data in GTFS format is being explored with the data owner

(4) MTR Corporation Limited

	Type of Data/ Name of Dataset	Target Release Date	Frequency of Updating	Remarks
1.	Transport/ Real-time arrival data of 4 rail lines	09/2019	Real-time	Real-time arrival data of 4 rail lines, namely Airport Express, Tung Chung Line, West Rail Line and Tseung Kwan O Line in JSON format Feasibility of dissemination of data in GTFS format is being explored with the data owner

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 Annual 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	Frequency of Updating	Remarks
1.	Transport/ Distribution of metered parking spaces at different districts	03/2018	Half-yearly	Tables showing the distribution of metered parking spaces at different districts in CSV and XLSX format
2.	Transport/ Journey time indicators	03/2011	Every 2 minutes	Average journey time for major roads displayed on all journey time indicators in XML format
3.	Transport/ Junction blacksite list	04/2018	Quarterly	List of junction blacksite in CSV and XLS format
4.	Transport/ Lantau Closed Road Permit for tour service of non-franchised bus application status	06/2018	Ad hoc	List of Lantau Closed Road Permit for tour service of non-franchised bus application status in CSV and XLSX format
5.	Transport/ Monthly Traffic and Transport Digest	04/2018	Monthly	Monthly Traffic and Transport Digest in XLS format
6.	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
7.	Transport/ Road network	11/2017	Monthly	Road network data in CSV, GFS, GML, KML, MDB, XML and XSD formats
8.	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
9.	Transport/ Smart device locations for elderly and people with mobility difficulties using signalised pedestrian crossing to lengthen pedestrian green signals time	05/2018	Ad hoc	List of smart device locations for elderly and people with mobility difficulties using signalised pedestrian crossing to lengthen pedestrian green signals time in CSV and XLSX formats
10.	Transport/ Special traffic news	03/2011	Ad hoc	The latest special traffic and transportation arrangements through the territory in times of traffic incidents in XML format

11.	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
12.	Transport/ Taxi call stations	05/2018	Ad hoc	Telephone list of taxi call stations in CSV and XLSX formats
13.	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
14.	Transport/ Traffic aids drawings	11/2017	Monthly	Traffic aids drawings data in GFS, GML, KML, MDB, XML and XSD formats
15.	Transport/ Traffic flow census	11/2017	Yearly	Traffic flow census data in GML, MDB, XSD and ZIP formats
16.	Transport/ Traffic snapshot images	03/2011	Every 2 minutes	Traffic snapshot images captured by the closed circuit televisions (CCTV) installed at 210 locations on major roads in CSV, JPG and XML formats
17.	Transport/ Traffic speed map	03/2011	Every 5 minutes	Average traffic speed of major roads in XML format
18.	Transport/ Tramways tram stops	N/A	Ad hoc	The list of tram stops of Hong Kong Tramways in CSV format *(Data owned and released by Hong Kong Tramways, Limited)*
19.	Transport/ Tramways main routes	N/A	Ad hoc	The list of main routes operated by Hong Kong Tramways in CSV format *(Data owned and released by Hong Kong Tramways, Limited)*
20.	Transport/ MTR routes, fares and barrier-free facilities	N/A	Monthly	MTR routes, fares and barrier-free facilities in CSV format *(Data owned and released by MTR Corporation Limited)*

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