

Transport Department

Open Data Plan for 2022 to 2024

A. Departmental datasets to be released in 2022

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Junctions with Red Light Camera System installed	Q1 2022	As and when there is major update	Junctions with Red Light Camera System installed in KML, CSV and XLSX formats
2	Transport/ Locations of Speed Enforcement Camera housing	Q1 2022	As and when there is major update	Locations of Speed Enforcement Camera Housing (Government Tunnel and Control Area excluded) in KML, CSV and XLSX formats
3	Transport/ Occupancy status of non-metered on-street parking spaces installed with sensors	06/2022	Every 1 minute	Real-time parking vacancy data of about 250 non-metered on-street parking spaces installed with sensors in CSV format (data for the remaining non-metered on-street parking spaces will be provided once sensors are installed)
4	Transport/ Real-time traffic data from Traffic Data Analytics System	04/2022	Every 5 minutes	Real-time or predicted (for departure in the next 15 to 90 minutes) estimated journey time for routes selected by users in JSON format
5	Transport/ Predicted traffic data from Traffic Data Analytics System	04/2022	Every 5 minutes	

6	Transport/ List of routes where day-time roadworks are banned	12/2022	As and when there is update	Location of routes where roadworks in day-time are banned in KML format
7	Transport/ List of routes requiring traffic impact assessment for roadworks	12/2022	As and when there is update	Location of routes for which traffic impact assessment is required for roadworks in KML format

B. Departmental datasets to be released in 2023 and 2024

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

C. Datasets planned to be opened up by other organisations

(1) Peng Chau Kai To Limited (“Discovery Bay – Mui Wo” route)

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ List of ferry service timetables and fare tables	02/2022	As and when there is major update	List of ferry service timetables and fare tables in CSV format. <i>(Data owned and released by Peng Chau Kai To Limited)</i>

(2) Fortune Ferry Company Limited (“Water Taxi” route and “Tuen Mun - Tung Chung - Sha Lo Wan - Tai O” route)

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
2	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip	01/2022	As and when there is major update	<u>“Water Taxi” route</u> List of ferry service timetables and fare tables in CSV format. The dataset format of real-time estimated time of arrival of next ferry trip to be determined. <i>(Data owned and released by Fortune Ferry Limited)</i>
3	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip	06/2022	As and when there is major update	<u>“Tuen Mun - Tung Chung - Sha Lo Wan - Tai O” route</u> List of ferry service timetables and fare tables in CSV format. The dataset format of real-time estimated time of arrival of next ferry trip to be determined. [Ferry service timetables and fare tables have been released while real-time estimated time of arrival is planned to be opened up in June 2022.] <i>(Data owned and released by Fortune Ferry Limited)</i>

(3) Tsui Wah Ferry Service (H.K.) Limited (“Aberdeen – Pak Kok Tsuen – Yung Shue Wan” route)

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
4	Transport/ List of ferry service timetables, fare tables	03/2022	As and when there is major update	List of ferry service timetables and fare tables in CSV format. <i>(Data owned and released by Tsui Wah Ferry Service (H.K.) Limited)</i>

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/ Annual Traffic Census survey data	04/2021	Daily	Hourly traffic volumes by proportions of 10 vehicle classes from traffic detectors installed on selected routes in XML format
2	Transport/ Bus service of New Lantao Bus Company (1973) Limited	08/2019	Real-time	Information of the bus service in JSON format <i>(Data owned and released by New Lantao Bus Company (1973) Limited)</i>
3	Transport/ Cycling Information	03/2020	Half-yearly	Location of major cycle tracks and bicycle parking sites in GDB, KML, GML and GFS formats
4	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
5	Transport/ Headway information of public transport services	01/2019	Bi-weekly	Headway information of different means of public transport services in GTFS format
6	Transport/ Journey time indicators	03/2011	Every 2 minutes	Average journey time for major roads displayed on all journey time indicators in XML format
7	Transport/ Junction blacksite list	04/2018	Quarterly	List of junction blacksite in CSV and XLS formats
8	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
9	Transport/ List of ferry service timetables and fare tables of Chuen Kee Ferry Limited	02/2021	As and when there is major update	List of ferry service timetables and fare tables in CSV format <i>(Data owned and released by Chuen Kee Ferry Limited)</i>

10	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Fortune Ferry Company Limited	12/2021	As and when there is major update/Real-time	List of ferry service timetable and fare table in CSV format as well as real-time estimated time of arrival of next ferry trip in JSON format for “Central – Hung Hom” route. <i>(Data owned and released by Fortune Ferry Company Limited)</i>
11	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Hong Kong & Kowloon Ferry Limited	12/2021	As and when there is major update/Real-time	List of ferry service timetables and fare tables in CSV format as well as real-time estimated time of arrival of next ferry trip in JSON format. <i>(Data owned and released by Hong Kong & Kowloon Ferry Limited)</i>
12	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 <i>(Data owned and released by The “Star” Ferry Company Limited)</i>
13	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Sun Ferry Services Company	12/2021	As and when there is major update/Real-time	List of ferry service timetables and fare tables in CSV format as well as real-time estimated time of arrival of next ferry trip in JSON format. <i>(Data owned and released by Sun Ferry Services Company)</i>
14	Transport/ Locations of Licensing and Driving Services Offices, Driving Test and Vehicle Examination Centres, Public Vehicles Unit and Driving-offence Points Office	01/2021	As and when there is major update	List of Locations of Licensing and Driving Services Offices, Driving Test and Vehicle Examination Centres, Public Vehicles Unit and Driving-offence Points Office in KML format
15	Transport/ Locations of Smart Device for the Elderly and the Disabled	05/2018	As and when necessary	List of Locations of Smart Device for the Elderly and the Disabled to extend Flashing Green Time in CSV and XLSX formats
16	Transport/ Monthly Traffic and Transport Digest	04/2018	Monthly	Monthly Traffic and Transport Digest in CSV and XLS formats

17	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>
18	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
19	Transport/ Parking vacancy data of on-street metered parking spaces	01/2021	Every 1 minute	Real-time parking vacancy data of on-street metered parking spaces in CSV format
20	Transport/ Particulars of first registered vehicles	12/2019	Monthly	Particulars of first registered vehicles in CSV and XLSX formats
21	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
22	Transport/ Real time Arrival Data of Kowloon Motor Bus and Long Win Bus Services	03/2021	Every 1 minute	Routes, bus stops and real-time Estimated Time of Arrival (ETA) data in JSON format <i>(Raw Data owned by Kowloon Motor Bus Company (1933) Limited and Long Win Bus Company Limited)</i>
23	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>
		04/2021 and 06/2021	Real-time	Arrival time information for up to the next four trains of the Light Rail and Tuen Ma Line in JSON format <i>(Data owned and released by MTR Corporation Limited)</i>
24	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>
25	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>
26	Transport/ Road network	11/2017	Monthly	Road network data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats

27	Transport/ Road Traffic Accident Statistics	06/2019	Yearly	Traffic accident and casualties statistics in CSV and XLSX formats
28	Transport/ Roadworks location data	06/2019	As and when necessary	Location of roadworks by HyD for roads with speed limit ≥ 70 km/h in JSON format
29	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, GeoJSON, KML, MDB and XML formats
30	Transport/ Schedules and fare tables of licensed ferry services	09/2019	As and when necessary	List of schedules and fare tables of licensed ferry services in CSV and XLSX formats
31	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
32	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
33	Transport/ Taxi call stations	05/2018	As and when necessary	Telephone list of taxi call stations in CSV and XLSX formats
34	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
35	Transport/ Traffic aids drawings	11/2017	Monthly	Traffic aids drawings data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats
36	Transport/ Traffic flow census	11/2017	Yearly	Traffic flow census data in GML, MDB, XSD and ZIP formats
37	Transport/ Traffic notices	From Q1 2021 - Q4 2021 by batches	Daily and as necessary	Different types of traffic notices in XML format
38	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
39	Transport/ Traffic speed map	03/2011	Every 5 minutes	Average traffic speed of major roads in XML format
40	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>

41	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>
42	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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June 2022