

Transport Department

Open Data Plan for 2023 to 2025

A. Departmental datasets to be released in 2023

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Traffic Data from AI Video Analytics System of CCTVs	08/2023	Every 15 minutes	Traffic data from AI Video Analytics System including traffic volume and traffic speed in JSON format A related dataset will be released on the CSDI Portal in August 2023
2	Transport/ Traffic data collected by Traffic Detectors Installed at Smart Lampposts	12/2023	Every 30 seconds	Traffic data from traffic detectors installed in Smart Lampposts, including traffic volume, traffic speed and road occupancy, in XML format A related dataset will be released on the CSDI Portal in December 2023
3	Transport/ Traffic Flow Census (Raw Data)	12/2023	Yearly	Traffic flow census data in CSV and XLSX formats The processed data of Traffic Flow Census is currently available in data.gov.hk and has been included in the Annual Spatial Data Plan 2021.

B. Departmental datasets to be released in 2024 and 2025

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport/ Peak Hour Car Journey Time	04/2024	Yearly	Peak Hour Car Journey Time data in CSV and XLSX 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	NA			

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 A related dataset has been released on the CSDI Portal
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 (2nd Generation)	03/2011	Every 2 minutes	Estimated journey time of major roads and cross-harbour tunnels in Hong Kong in XML format A related dataset will be released on the CSDI Portal in March 2023
7	Transport/ Junction blacksite list	04/2018	Quarterly	List of junction blacksite in CSV and XLS formats A related dataset has been released on the CSDI Portal
8	Transport/ Junctions with Red Light Camera System installed	03/2022	As and when there is major update	Junctions with Red Light Camera System installed in KML, CSV and XLSX formats A related dataset will be released on the CSDI Portal in June 2023
9	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

10	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>
11	Transport/ List of ferry service timetables and fare tables of Peng Chau Kai To Limited	01/2022	As and when there is major update	List of ferry service timetables and fare tables in CSV format for “Discovery Bay – Mui Wo” route. <i>(Data owned and released by Peng Chau Kai To Limited)</i>
12	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>
13	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	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 for “Water Taxi” route. <i>(Data owned and released by Fortune Ferry Limited)</i>
14	Transport/ List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Fortune Ferry Company Limited	06/2022	As and when there is major update	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 for “Tuen Mun - Tung Chung - Sha Lo Wan - Tai O” route. <i>(Data owned and released by Fortune Ferry Limited)</i>
15	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>
16	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>

17	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>
18	Transport/ List of ferry service timetables, fare tables of Tsui Wah Ferry Service (H.K.) Limited	03/2022	As and when there is major update	List of ferry service timetables and fare tables in CSV format for “Aberdeen – Pak Kok Tsuen – Yung Shue Wan” route. <i>(Data owned and released by Tsui Wah Ferry Service (H.K.) Limited)</i>
19	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 A related dataset has been released on the CSDI Portal
20	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 A related dataset has been released on the CSDI Portal
21	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 The following content of this dataset has been released on the CSDI Portal: <ul style="list-style-type: none"> ● Designated Car Testing Centres ● Cross Boundary Unit ● Driving Services Section ● Driving Test Appointment Office and Written Test Centre ● Driving Test Centres ● Driving-offence Points Office ● Licensing Offices ● Licensing Record Offices ● Public Vehicles Unit ● Vehicle Examination Centres
22	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

23	Transport/ Locations of Speed Enforcement Camera housing	03/2022	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 A related dataset will be released on the CSDI Portal in June 2023
24	Transport/ Monthly Traffic and Transport Digest	04/2018	Monthly	Monthly Traffic and Transport Digest in CSV and XLS formats
25	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)
26	Transport/ Location and occupancy status of non-metered on-street parking spaces installed with sensors	06/2022	Every 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) A related dataset will be released on the CSDI Portal in March 2023
27	Transport/ Parking vacancy data	06/2017	From Hourly to Real-time	Parking vacancy data and basic car park information, such as location, address, height restriction, etc. in JSON format A related dataset has been released on the CSDI Portal
28	Transport/ Distribution of Metered Parking Spaces and Occupancy of those Installed with New Parking Meters	01/2021	From every Minute to Daily	The occupancy data of parking spaces installed with new parking meters and the distribution of all metered parking spaces (no matter installed with existing or new parking meters) at different districts in Hong Kong in CSV format A related dataset has been released on the CSDI Portal
29	Transport/ Particulars of first registered vehicles	12/2019	Monthly	Particulars of first registered vehicles in CSV and XLSX formats
30	Transport/ Traffic data from Traffic Data Analytics System	04/2022	Every 5 minutes	Average traffic speed and total journey time of driving route based on traffic data from Traffic Data Analytics System in JSON format
31	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

32	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>
33	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 (become part of the Tuen Ma Line since 27th June 2021) 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>
		05/2022	Real-time	Arrival time information for up to the next four trains of the East Rail Line in JSON format <i>(Data owned and released by MTR Corporation Limited)</i>
		02/2023 and 04/2023	Real-time	Arrival time information for up to the next four trains of the South Island Line and Tsuen Wan Line in JSON format <i>(Data owned and released by MTR Corporation Limited)</i>
34	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>
35	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>
36	Transport/ Road Network (2nd Generation)	11/2017	Monthly	The Road Network dataset includes traffic directions, turning restrictions at road junctions, stopping restrictions, on-street parking spaces and other road traffic data for supporting the development of intelligent transport system, fleet management system and car navigation etc. in CSV, FGDB, GFS, GML and KML formats A related dataset has been released on the CSDI Portal
37	Transport/ Road Traffic Accident Statistics	06/2019	Yearly	Traffic accident and casualties statistics in CSV and XLSX formats

38	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
39	Transport/ Routes and fares of public transport	01/2013	Bi-weekly	<p>Routes and fares of franchised bus, green minibus (GMB), ferry, peak tram and tram in CSV, GeoJSON, KML, MDB and XML formats</p> <p>The following content of this dataset has been/ will be released on the CSDI Portal:</p> <ul style="list-style-type: none"> ● Bus Route (Monthly) ● Coordinate of Bus Stop Location ● Coordinate of GMB Terminus Location ● Coordinate of Tram Stop Location ● Coordinate of peak tram stops (to be released in March 2023) ● Coordinate of ferry piers (to be released in March 2023)
40	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
41	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
42	Transport/ Speed map panels (2nd Generation)	01/2013	Every 2 minutes	<p>Images of speed map panels at five locations in the New Territories indicating the latest traffic conditions in CSV and PNG formats</p> <p>A related dataset has been released on the CSDI Portal</p>
43	Transport/ Taxi call stations	05/2018	As and when necessary	Telephone list of taxi call stations in CSV and XLSX formats
44	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
45	Transport/ Traffic aids drawings (2nd generation)	11/2017	Monthly	<p>The Traffic Aids Drawings dataset contains traffic signs, traffic signals, road markings and other traffic aids data for supporting the development of intelligent transport system, fleet management system and car navigation etc. in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats</p> <p>A related dataset has been released on the CSDI Portal</p>

46	Transport/ Traffic flow census	11/2017	Yearly	Traffic flow census data in GML, MDB, XSD and ZIP formats A related dataset has been released on the CSDI Portal
47	Transport/ Traffic notices	From Q1 2021 - Q4 2021 by batches	Daily and as necessary	Different types of traffic notices in XML format
48	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 A related dataset has been released on the CSDI Portal
49	Transport/ Traffic speed map	03/2011	Every 5 minutes	Average traffic speed of major roads in XML format
50	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> A related dataset "Locations of Traffic Detectors" will be released on the CSDI Portal in June 2023
51	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>
52	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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