

Transport Department

Consolidated Annual Open Data Plan (Spatial Data Plan included) for 2024 to 2026

A. Departmental datasets to be released in 2024

i. Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Transportation	Tunnel and Control Area Operators	Locations and basic information of Tunnel and Control Area Operators	03/2024	Yearly
2	Transportation	Pedestrian Streets	Area and effective hours of Pedestrian Streets	06/2024	Quarterly
3	Transportation	Taxi Stands	Locations of Taxi Stands (Urban, NT, Lantau, NT and Urban, Cross Harbour)	09/2024	Half-yearly
4	Transportation	Taxi Pick-up & Drop-off Points	Locations of Implemented Taxi Pick-Up/Drop-Off Points	12/2024	Half-yearly
5	Transportation	Green Minibus Route	Routes of green minibuses	12/2024	Monthly

ii. Non-Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Transportation	Peak Hour Car Journey Time	Peak Hour Car Journey Time data in CSV and XLSX formats	04/2024	Yearly

B. Departmental datasets to be released in 2025 and 2026

i. Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

ii. Non-Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

C. Datasets planned to be opened up by other organisations

(1) Name of organisation

i. Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

ii. Non-Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

D. Progress: Datasets already uploaded to DATA.GOV.HK and/or CSDI Portal by Department and other organisations

i. Spatial Data

Remark: Entries of datasets released in or before 2022 were based on “Annual Spatial Data Plan for 2023 to 2025”.

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Transportation	Bus Route	Bus routes of franchised buses	12/2022	Monthly
2	Transportation	Coordinate of Bus Stop Location	Locations of bus stop	12/2022	Bi-weekly
3	Transportation	Coordinates of ferry piers	Locations of ferry piers	03/2023	Bi-weekly
4	Transportation	Coordinate of GMB Terminus Location	Locations of green minibus terminus	12/2022	Bi-weekly
5	Transportation	Coordinates of peak tram stop	Locations of peak tram stops	03/2023	Bi-weekly
6	Transportation	Coordinate of Tram Stop Location	Locations of tram stop	12/2022	Bi-weekly
7	Transportation	Cross Boundary Unit	Locations and basic information of Cross Boundary Unit	12/2022	As and when there is major update
8	Transportation	Cycling Information	Locations of cycle tracks, and locations and quantities of bicycle parking spaces	12/2022	Half-yearly
9	Transportation	Designated Car Testing Centres	Locations and basic information of Designated Car Testing Centres	12/2022	As and when there is major update
10	Transportation	Distribution of Metered Parking Spaces and Occupancy of those Installed with New Parking Meters	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	12/2022	From every Minute to Daily
11	Transportation	Driving Services Section	Locations and basic information of Licensing and Driving Services Offices	12/2022	As and when there is major update
12	Transportation	Driving Test Appointment Office and Written Test Centre	Locations and basic information of Driving Test Appointment Office and Written Test Centre	12/2022	As and when there is major update

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
13	Transportation	Driving Test Centres	Locations and basic information of Driving Test Centres	12/2022	As and when there is major update
14	Transportation	Driving-offence Points Office	Locations and basic information of Driving-offence Points Office	12/2022	As and when there is major update
15	Transportation	Journey Time Indicators (2nd Generation)	Locations of Journey Time Indicators showing the estimated journey time of major roads and cross-harbour tunnels	03/2023	Every 2 Minutes
16	Transportation	Junction Blacksite List	Locations of junction black site	12/2022	Quarterly
17	Transportation	Junctions with Red Light Camera System installed	List of Junctions with Red Light Camera System installed	06/2023	As and when there is major update
18	Transportation	Licensing Offices	Locations and basic information of Licensing Offices	12/2022	As and when there is major update
19	Transportation	Licensing Record Offices	Locations and basic information of Licensing Record Offices	12/2022	As and when there is major update
20	Transportation	Route list for Traffic Impact Assessment for roadworks	Location of Traffic Impact Assessment routes for roadworks	12/2022	As and when there is update
21	Transportation	Route list for day-time ban for roadworks	Location of day-time ban routes for roadworks	12/2022	As and when there is update
22	Transportation	Location and occupancy status of non-metered on-street parking spaces installed with sensors	Locations and occupancy status of non-metered on-street parking spaces installed with sensors detecting the real-time parking vacancy	03/2023	From every Minute to Daily
23	Transportation	Locations of Speed Enforcement Camera housing	Locations of Speed Enforcement Camera housing	06/2023	As and when there is major update
24	Transportation	Locations of traffic detectors	Locations of Traffic Detectors installed on strategic routes / major roads	06/2023	Every 2 Minutes
25	Transportation	Parking Vacancy Data	Basic information and parking vacancy data of participating car parks	12/2022	From Hourly to Real-time
26	Transportation	Public Vehicles Unit	Locations and basic information of Public Vehicles Unit	12/2022	As and when there is major update
27	Transportation	Road Network (2nd Generation)	The Road Network dataset includes traffic directions, turning restrictions at road junctions, stopping restrictions and other road traffic data for supporting the development of	12/2022	Monthly

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
			intelligent transport system, fleet management system and car navigation etc. This dataset will be incorporated into Transportation Framework Spatial Data Theme.		
28	Transportation	Speed Map Panels (2nd Generation)	Locations and images of speed map panels	12/2022	Every 2 Minutes
29	Transportation	Traffic Aids Drawings (2nd generation)	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. This dataset will be incorporated into Transportation Framework Spatial Data Theme.	12/2022	Monthly
30	Transportation	Traffic data collected by traffic detectors installed at Smart Lampposts	Locations of traffic detectors installed at Smart Lampposts and traffic data from traffic detectors installed in Smart Lampposts including traffic volume, traffic speed and road occupancy	12/2023	Every 30 Seconds
31	Transportation	Traffic Data from AI Video Analytics System of CCTVs	Locations of CCTVs with traffic data from AI Video Analytics System including traffic volume and traffic speed	08/2023	Every 15 Minutes
32	Transportation	Traffic Flow Census	The Traffic Flow Census provides vehicle flow information of Hong Kong. These statistical data are collected through the counting at the counting stations. The dataset includes cordon lines, screenlines and the location of the counting stations and their survey data. This dataset will be incorporated into Transportation Framework Spatial Data Theme.	12/2022	Yearly
33	Transportation	Traffic Snapshot Images	CCTV camera locations and traffic snapshot images	12/2022	Every 2 Minutes

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
34	Transportation	Vehicle Examination Centres	Locations and basic information of Vehicle Examination Centres	12/2022	As and when there is major update

ii. Non-Spatial Data

Remark: Entries of datasets released in or before 2022 were based on “Annual Open Data Plan for 2023 to 2025”

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Transportation	Annual Traffic Census survey data	Hourly traffic volumes by proportions of 10 vehicle classes from traffic detectors installed on selected routes in XML format	04/2021	Daily
2	Transportation	Bus service of New Lantao Bus Company (1973) Limited	Information of the bus service in JSON format <i>(Data owned and released by New Lantao Bus Company (1973) Limited)</i>	08/2019	Real-time
3	Transportation	Cycling Information	Location of major cycle tracks and bicycle parking sites in GDB, KML, GML and GFS formats	03/2020	Half-yearly
4	Transportation	Distribution of metered parking spaces at different districts in Hong Kong	Tables showing the distribution of metered parking spaces at different districts in Hong Kong in CSV and XLSX formats	03/2018	Half-yearly
5	Transportation	Headway information of public transport services	Headway information of different means of public transport services in GTFS format	01/2019	Bi-weekly
6	Transportation	Journey time indicators	Average journey time for major roads displayed on all journey time indicators in XML format	03/2011	Every 2 minutes
7	Transportation	Junction blacksite list	List of junction blacksite in CSV and XLS formats	04/2018	Quarterly
8	Transportation	Junctions with Red Light Camera System installed	Junctions with Red Light Camera System installed in KML, CSV and XLSX formats	03/2022	As and when there is major update

9	Transportation	Lantau Closed Road Permit for tour service of non-franchised bus application status	List of Lantau Closed Road Permit for tour service of non-franchised bus application status in CSV and XLSX formats	06/2018	As and when necessary
10	Transportation	List of ferry service timetables and fare tables of Chuen Kee Ferry Limited	List of ferry service timetables and fare tables in CSV format <i>(Data owned and released by Chuen Kee Ferry Limited)</i>	02/2021	As and when there is major update
11	Transportation	List of ferry service timetables and fare tables of Peng Chau Kai To Limited	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>	01/2022	As and when there is major update
12	Transportation	List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Fortune Ferry Company Limited	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>	12/2021	As and when there is major update/Real-time
13	Transportation	List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Fortune Ferry Company Limited	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>	12/2021	As and when there is major update
14	Transportation	List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Fortune Ferry Company Limited	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>	06/2022	As and when there is major update
15	Transportation	List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Hong Kong & Kowloon Ferry Limited	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>	12/2021	As and when there is major update/Real-time

16	Transportation	List of ferry service timetables and fare tables of The Star Ferry Company Limited	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>	12/2018	As and when necessary
17	Transportation	List of ferry service timetables, fare tables and real-time estimated time of arrival of next ferry trip of Sun Ferry Services Company	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>	12/2021	As and when there is major update/Real-time
18	Transportation	List of ferry service timetables, fare tables of Tsui Wah Ferry Service (H.K.) Limited	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>	03/2022	As and when there is major update
19	Transportation	List of routes where day-time roadworks are banned	Location of routes where roadworks in day-time are banned in KML format	12/2022	As and when there is update
20	Transportation	List of routes requiring traffic impact assessment for roadworks	Location of routes for which traffic impact assessment is required for roadworks in KML format	12/2022	As and when there is update
21	Transportation	Locations of Licensing and Driving Services Offices, Driving Test and Vehicle Examination Centres, Public Vehicles Unit and Driving-offence Points Office	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	01/2021	As and when there is major update
22	Transportation	Locations of Smart Device for the Elderly and the Disabled	List of Locations of Smart Device for the Elderly and the Disabled to extend Flashing Green Time in CSV and XLSX formats	05/2018	As and when necessary
23	Transportation	Locations of Speed Enforcement Camera housing	Locations of Speed Enforcement Camera Housing (Government Tunnel and Control Area excluded) in KML, CSV and XLSX formats	03/2022	As and when there is major update
24	Transportation	Monthly Traffic and Transport Digest	Monthly Traffic and Transport Digest in CSV and XLS formats	04/2018	Monthly

25	Transportation	MTR routes, fares and barrier-free facilities	MTR routes, fares and barrier-free facilities in CSV format <i>(Data owned and released by MTR Corporation Limited)</i>	N/A	Monthly
26	Transportation	Occupancy status of non-metered on-street parking spaces installed with sensors	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)	06/2022	Every 1 minute
27	Transportation	Parking vacancy data	Parking vacancy data and basic car park information, such as location, address, height restriction, etc. in JSON format	06/2017	Hourly/Real-time
28	Transportation	Parking vacancy data of on-street metered parking spaces	Real-time parking vacancy data of on-street metered parking spaces in CSV format	01/2021	Every 1 minute
29	Transportation	Particulars of first registered vehicles	Particulars of first registered vehicles in CSV and XLSX formats	12/2019	Monthly
30	Transportation	Predicted traffic data from Traffic Data Analytics System	Real-time or predicted (for departure in the next 15 to 90 minutes) estimated journey time for routes selected by users in JSON format	04/2022	Every 5 minutes
31	Transportation	Real-time arrival data of green minibuses (GMBs)	Real-time arrival information for 3 consecutive GMBs of each GMB route at each stop in JSON format	From 12/2020 - Q4 2022 by batches	Every 1 minute
32	Transportation	Real time Arrival Data of Kowloon Motor Bus and Long Win Bus Services	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>	03/2021	Every 1 minute
33	Transportation	Real-time MTR train information	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>	08/2019	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>	04/2021 and 06/2021	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>	05/2022	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>	02/2023 and 04/2023	Real-time
34	Transportation	Real-time “Next Bus” arrival time and related data of Citybus	Routes, bus stops and real-time Estimated Time of Arrival (ETA) data in JSON format <i>(Data owned and released by Citybus Limited)</i>	08/2019	Every 1 minute
35	Transportation	Real-time “Next Bus” arrival time and related data of New World First Bus	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>	08/2019	Every 1 minute
36	Transportation	Real-time traffic data from Traffic Data Analytics System	Real-time or predicted (for departure in the next 15 to 90 minutes) estimated journey time for routes selected by users in JSON format	04/2022	Every 5 minutes
37	Transportation	Road network	Road network data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats	11/2017	Monthly
38	Transportation	Road Traffic Accident Statistics	Traffic accident and casualties statistics in CSV and XLSX formats	06/2019	Yearly
39	Transportation	Roadworks location data	Location of roadworks by HyD for roads with speed limit ≥ 70 km/h in JSON format	06/2019	As and when necessary

40	Transportation	Routes and fares of public transport	Routes and fares of franchised bus, green minibus (GMB), ferry, peak tram and tram in CSV, GeoJSON, KML, MDB and XML formats	01/2013	Bi-weekly
41	Transportation	Schedules and fare tables of licensed ferry services	List of schedules and fare tables of licensed ferry services in CSV and XLSX formats	09/2019	As and when necessary
42	Transportation	Special traffic news	The latest special traffic and transportation arrangements through the territory in times of traffic incidents in XML format	03/2011	Real-time
43	Transportation	Speed map panels	Images of speed map panels at five locations in the New Territories indicating the latest traffic conditions in CSV and PNG formats	01/2013	Every 2 minutes
44	Transportation	Taxi call stations	Telephone list of taxi call stations in CSV and XLSX formats	05/2018	As and when necessary
45	Transportation	The Code on Access to Information - disclosure log	Summary descriptions of the nature of information requested and released under the Code on Access to Information by TD in CSV and XLSX formats	05/2018	Quarterly
46	Transportation	Traffic aids drawings	Traffic aids drawings data in CSV, FGDB, GFS, GML, KML, MDB, XML and XSD formats	11/2017	Monthly
47	Transportation	Traffic data of strategic / major roads	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>	04/2021	Every 30 seconds (raw data) Every 2 minutes (processed data)
48	Transportation	Traffic flow census	Traffic flow census data in GML, MDB, XSD and ZIP formats	11/2017	Yearly
49	Transportation	Traffic Flow Census (Raw Data)	Traffic flow census data in CSV and XLSX formats	12/2023	Yearly
50	Transportation	Traffic notices	Different types of traffic notices in XML format	From Q1 2021 - Q4 2021 by batches	Daily and as necessary

51	Transportation	Traffic snapshot images	Traffic snapshot images captured by the closed circuit televisions (CCTV) on major roads in CSV, JPG and XML formats	03/2011	Every 2 minutes
52	Transportation	Tramways tram stops	The list of tram stops of Hong Kong Tramways in CSV format <i>(Data owned and released by Hong Kong Tramways, Limited)</i>	N/A	As and when necessary
53	Transportation	Tramways main routes	The list of main routes operated by Hong Kong Tramways in CSV format <i>(Data owned and released by Hong Kong Tramways, Limited)</i>	N/A	As and when necessary

Transport Department
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