

Environmental Protection Department / Environment and Ecology Bureau (Environment Branch)

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 / Availability of EPD-owned electric vehicle chargers in government vehicle parks	12/2022	Every 1 minute	Electric vehicle charger availability and corresponding government vehicle park information in JSON format
2	Environment / Air Monitoring Data at the Boundary of Strategic Landfills	12/2022	As and when necessary	Real time air monitoring data at monitoring locations in CSV format
3	Environment / Reverse Vending Machine Pilot Scheme	12/2022	As and when necessary	The name, location and service hours of reverse vending machines (RVMs) under the RVM Pilot Scheme in CSV format
4	Environment / Air Quality Monitoring Network of Hong Kong	12/2022	As and when there is update	The air quality monitoring network include data of address, in CSV format
5	Environment / Beach Water Quality Grading	12/2022	As and when there is update	Latest information on beach water quality grading (updated data are generally posted onto this webpage within 48 hours after sampling) in RSS format (#1 in Part D)
6	Environment / Current Air Quality Health Index of individual Air Quality Monitoring stations	12/2022	Hourly	Current Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations in RSS format (#2 in Part D)

7	Environment / EPD Customer Service Counters	12/2022	As and when there is update	Provision of information of EPD Customer Service Counters at all of its Regional Offices in CSV format
8	Environment / Environmental Education & Resource Centres	12/2022	As and when there is update	Schedules of environmental education activity for Wan Chai Environmental Resource Centre and Mobile Environmental Education Programme in CSV format
9	Environment / Past 24-hour Air Quality Health Index of individual Air Quality Monitoring stations	12/2022	Hourly	Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format (#4 in Part D)
10	Environment / Past 24-hour Pollutant Concentration of individual Air Quality Monitoring stations	12/2022	Hourly	Pollutant Concentration at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format (#8 in Part D)
11	Environment / Past record of Air Quality Health Index	12/2022	Twice per Year	Hourly Air Quality Health Index (AQHI) at different Air Quality Monitoring stations since 30 December 2013 in CSV format (#6 in Part D)
12	Environment / Pollution Complaint Statistics	12/2022	As and when there is update	The Pollution Complaint Statistics is a breakdown by District and Nature in CSV format
13	Environment / Recent <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan	12/2022	Monthly	Recent <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan in CSV format (#18 in Part D)
14	Environment / Recent Marine Water Quality Data	12/2022	Monthly	Recent Dissolved Oxygen (DO) and bacteria (<i>E. coli</i>) data at different Marine Water Quality Monitoring stations in CSV format (#12 in Part D)

15	Environment / Recent River Water Quality Data	12/2022	Monthly	Recent Dissolved Oxygen (DO) and bacteria (<i>E. coli</i>) data at downstream monitoring stations of major rivers in CSV format (#10 in Part D)
16	Environment / Waste Less – Recyclable Collection Points Data	12/2022	As and when there is update	Location and details of various recyclable collection points all over Hong Kong in CSV format (#7 in Part D)
17	Environment / Waste Management Facilities	12/2022	As and when there is update	Provision of information of EPD Waste Management Facilities in CSV format
18	Environment / Water Filling Stations in Government Venues for Public Use	12/2022	As and when there is update	Provide the locations of the water filling stations available in government venues for public use in CSV format (#22 in Part D)
19	Transport / Electric Vehicle Chargers for Public Access	12/2022	Quarterly	Location and details of electric vehicle chargers offered by the Government and private sector for public access in CSV 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	Environment / Information of Authorized Retailers and Automatic Vending Machines	01/2023	When there are changes on the authorized retailers or the automatic vending machines	The location, available sizes of designated bags and opening hours of authorized retailers and the automatic vending machines in CSV format
2	Environment / Disposal Records of Municipal Solid Waste at Various Waste Management Facilities	01/2023	Daily	Facility code, date, vehicle registration mark, time-in, time-out, in-weight, out-weight and net weight in CSV format

3	Environment / Historical Beach Water Quality Data	03/2023	Yearly	Beach Water Quality data since 1986 (To be updated yearly along with the publication of the beach water quality annual report (usually in April)) in CSV format (#13 in Part D)
4	Environment / Past Record of Air Pollution Index	03/2023	One-off	Hourly Air Pollution Index (API) at different Air Quality Monitoring stations from July 1999 to December 2013 in CSV format (#5 in Part D)
5	Environment / Historical River Water Quality Data	06/2023	Yearly	River Water Quality data at different monitoring stations since 1986 in CSV format (#9 in Part D)
6	Environment / Smart Lampposts Air Quality Data	06/2023	Every 5 Minutes	Air quality data including nitrogen monoxide, nitrogen dioxide and PM2.5 concentrations measured by Smart Lamppost sensors in JSON format (#21 in Part D)
7	Environment / Historical <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan since 2004	09/2023	Yearly	<i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan since 2004 in CSV format (#14 in Part D)
8	Environment / Historical Marine Water Quality Data	09/2023	Yearly	Marine Water Quality data at different Marine Water Quality Monitoring stations since 1986 in CSV format (#11 in Part D)

C. Datasets planned to be opened up by other organisations

(1) Name of organisation

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

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	Environment / Beach Water Quality Grading	03/2015	Updated data are generally posted onto this webpage within 48 hours after sampling	Latest Information on beach water quality grading in RSS format
2	Environment / Current Air Quality Health Index of individual Air Quality Monitoring stations	03/2015	Hourly	Current Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations in RSS format
3	Environment / Current air quality health index range and forecast	03/2015	AQHI: hourly / Forecast: 00:30, 10:30 and 16:30 everyday and as required	Current range and forecast of Air Quality Health Index (AQHI) at general and roadside stations in RSS format
4	Environment / Past 24-hour Air Quality Health Index of individual Air Quality Monitoring stations	03/2015	Hourly	Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format
5	Environment / Past Record of Air Pollution Index	03/2015	Only the hourly Air Pollution Index (API) of the period from July 1999 to December 2013 is available	Hourly Air Pollution Index (API) at different Air Quality Monitoring stations from July 1999 to December 2013 in CSV format
6	Environment / Past record of Air Quality Health Index	03/2015	Every Six Months	Hourly Air Quality Health Index (AQHI) at different Air Quality Monitoring stations since 30 December 2013 in CSV format
7	Environment / Waste Less - Recyclable Collection Points Data	03/2015	When there are changes of locations informed by different content owners	Location and details of various recyclable collection points all over Hong Kong in CSV format
8	Environment / Past 24-hour Pollutant Concentration of individual Air Quality Monitoring stations	09/2015	Hourly	Pollutant Concentration at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format

9	Environment / Historical River Water Quality Data	05/2018	To be updated yearly along with the Annual Report on River Water Quality in Hong Kong (Usually in Q3)	River Water Quality data at different monitoring stations in CSV format
10	Environment / Recent River Water Quality Data	05/2018	Every mid of month	Recent Dissolved Oxygen (DO) and bacteria (<i>E. coli</i>) data at downstream monitoring stations of major rivers in CSV format
11	Environment / Historical Marine Water Quality Data	08/2018	To be updated yearly along with the Annual Report on Marine Water Quality in Hong Kong (Usually in Q3)	Marine Water Quality data at different Marine Water Quality Monitoring stations in CSV format
12	Environment / Recent Marine Water Quality Data	08/2018	Monthly And Update When Necessary	Recent Dissolved Oxygen (DO) and bacteria (<i>E.coli</i>) data at different Marine Water Quality Monitoring stations in CSV format
13	Environment / Historical Beach Water Quality Data	02/2019	To be updated yearly along with the publication of the Beach Water Quality Annual Report (Usually in April)	Beach Water Quality data in CSV format
14	Environment / Historical <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan since 2004	03/2019	To be updated yearly along with the Annual Report on Marine Water Quality in Hong Kong (Usually in Q3)	<i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan in CSV format
15	Environment / Municipal solid waste generation quantity	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste	Annual quantity of municipal solid waste locally generated in CSV format
16	Environment / Municipal solid waste recovery quantity	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste	Annual quantity of recyclables recovered from municipal solid waste in CSV format
17	Environment / Per capita waste disposal rates of selected waste categories	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste	Quantity of municipal solid waste and domestic waste disposed of at landfills on a daily basis by an average person of the Hong Kong population in CSV format

18	Environment / Recent <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan	03/2019	Monthly And Update When Necessary	Recent <i>E. coli</i> levels in Victoria Harbour from Central/Wan Chai to Siu Sai Wan in CSV format
19	Environment / Total solid waste disposal quantity	03/2019	Annually after the release of the Budget Estimates	Annual quantity of total solid waste disposed of at landfills in CSV format
20	Environment / Total solid waste disposal quantity by waste category	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste	Annual quantity of total solid waste disposed of at landfills by waste category, including municipal solid waste, overall construction waste and special waste, in CSV format
21	Environment / Smart Lampposts Air Quality Data	06/2020	Every 5 minutes	Air quality data including nitrogen monoxide, nitrogen dioxide and PM2.5 concentrations measured by Smart Lamppost sensors in JSON format
22	Environment / Water dispensers in venues of Environmental Protection Department	10/2020	When there is any update in information of water dispenser	List of water dispensers in venues of Environmental Protection Department in CSV format
23	Environment / Greenhouse Gas Emissions in Hong Kong by Sector	07/2021	The third quarter of each year after the release of the Greenhouse Gas Emissions in Hong Kong	Greenhouse gas emissions by sector in Hong Kong in JSON format
24	Environment / Greenhouse Gas Emissions and Carbon Intensity in Hong Kong	07/2021	The third quarter of each year after the release of the Greenhouse Gas Emissions in Hong Kong	Greenhouse gas emissions and carbon intensity in Hong Kong in JSON format

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