

**Environmental Protection Department / Environment Bureau**

**Open Data Plan for 2020 to 2022**

**A. Departmental datasets to be released in 2020**

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	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
2	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

**B. Departmental datasets to be released in 2021 and 2022**

#	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) 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 / 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
5	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
6	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
7	Environment / Historical River Water Quality Data	05/2018	To be updated yearly along with the Annual Report on River Water Quality in Hong Kong	River Water Quality data at different monitoring stations in CSV format

			(Usually in Q3)	
8	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
9	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
10	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
11	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
12	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
13	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
14	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 (i) municipal solid waste and (ii) domestic waste disposed of at landfills on a daily basis by an average person of the Hong Kong population in CSV format
15	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
16	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

17	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
18	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
19	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 (i) municipal solid waste, (ii) overall construction waste and (iii) special waste, in CSV format
20	Environment / Waste Less - Recyclable Collection Points Data	03/2015	Irregular update - The update will only be done 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