

**CONTROLLING OFFICER'S REPLY****DEVB(PL)319****(Question Serial No. 3941)**

Head: (91) Lands Department

Subhead (No. & title): (-) Not Specified

Programme: (2) Survey and Mapping

Controlling Officer: Director of Lands (Thomas CHAN)

Director of Bureau: Secretary for Development

Question:

Please provide the total number of downloads from the Hong Kong GeoData Store (GeoData Store) between December 2018 and February 2019 and list in the following table the respective numbers of downloads from each dataset in the GeoData Store.

Dataset	December 2018	January 2019	February 2019
Agriculture, Fisheries and Conservation Department (AFCD): Barbecue Areas			
AFCD: Camp Sites			
AFCD: Country Parks			
...			

Asked by: Hon CHEUNG Chiu-hung, Fernando (LegCo internal reference no.: 1043)

Reply:

To support the development of the Common Spatial Data Infrastructure (CSDI), the Lands Department (LandsD) launched the Hong Kong GeoData Store (geodata.gov.hk) in December 2018 as the alpha version of the CSDI portal and to facilitate the sharing of geospatial data and support various smart city initiatives and applications through innovative use of geospatial data and information technology. As a first step, the Hong Kong GeoData Store (GeoData Store) has converted 79 types of public facility geospatial data sourced from government departments and available on the GeoInfo Map into open and machine-readable formats of GeoJSON, GML, KML and CSV together with an Application Programming Interface (API) to facilitate free download and use by the public. The portal is also equipped with other useful API services, including the Location Search API, Search Nearby API and Identity API to support innovative map applications by developers, saving time and cost when developing applications. The download figures of the GeoData Store

during the initial launch period between December 2018 and February 2019 (i.e. from 10 December 2018 to 28 February 2019) are summarised in the three tables below:-

Table A – No. of downloads of datasets available on the GeoData Store (from 10 December 2018 to 28 February 2019)

Dataset (Downloads)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
Aided Primary Schools	84	138	95
Aided Secondary Schools	23	51	21
Aided Special Schools	11	25	54
Air Quality Monitoring Network of Hong Kong	17	25	18
Badminton Courts	13	23	14
Barbecue Areas (Agriculture, Fisheries and Conservation Department (AFCD))	21	31	12
Barbecue Areas (Leisure and Cultural Services Department (LCSD))	8	18	11
Basketball Courts	8	17	12
Beaches	12	20	9
Births and Deaths Registries	10	16	12
Bowling Greens	10	15	7
Camp Sites	9	25	17
Caput Secondary Schools	10	24	14
Children's Play Rooms	5	15	9
Clinics / Health Centres under the Department of Health (DH)	15	28	18
Clinics under the Hospital Authority (HA)	13	25	17
Community Halls & Community Centres	11	28	10
Control Points	14	27	14
Country Parks	17	37	18
Cycling Sites	7	22	13
Delivery Offices	7	16	7
Designated Car Testing Centres	5	16	7
Direct Subsidy Scheme Primary Schools	13	25	16
Direct Subsidy Scheme Secondary Schools	14	23	13
District Offices and Sub-offices	9	19	16
Driving Test Centres	5	15	8
Environmental Protection Department (EPD) Customer Service Counters	5	15	6

Dataset (Downloads)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
English Schools Foundation (Primary)	11	22	14
English Schools Foundation (Secondary)	16	23	13
Environmental Exhibition & Resource Centres	5	15	6
Fitness Rooms	7	18	7
Golf Facilities	7	17	9
Government Primary Schools	13	23	12
Government Secondary Schools	12	25	12
Grass Pitches	6	19	9
Hard-surface Pitches	7	18	8
Health Education Exhibition and Resource Centre	5	15	9
Higher Education Institutions	8	20	8
Holiday Camps	6	15	9
Home Affairs Department (HAD) Public Enquiry Service Centres	6	16	9
Horse Riding Schools	7	15	7
Hospitals under HA	11	26	13
Immigration Branch Offices	5	16	7
Indoor Air Quality Information Centre	5	16	6
International Schools (Primary)	13	21	14
International Schools (Secondary)	8	22	13
Job Centres	6	22	9
Kindergarten-cum-child Care Centres	19	40	156
Kindergartens	17	36	19
Libraries	9	18	15
Licensing Offices	5	15	6
Marine Parks	7	16	11
Marine Reserve	5	15	10
Marriage Registries	5	15	7
Museums	7	16	11
Offices in Immigration Headquarters	5	15	7
Other Recreation & Sports Facilities	7	17	13
Parks, Zoos and Gardens	11	20	14
Performing Venues	6	18	7
Post Offices	9	17	8
Private Primary Schools	19	25	14
Private Secondary Schools (Day/Evening)	12	23	12

Dataset (Downloads)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
Recreation Grounds	9	21	10
Recycling Organisations and Collection Points	10	26	11
Registration of Persons Offices	5	15	7
Sports Centres	11	19	11
Sports Climbing Facilities	7	15	11
Sports Grounds	8	19	12
Squash Courts	8	17	8
Stadia	6	19	7
Street Posting Boxes	8	26	8
Swimming Pools	11	17	13
Table Tennis Tables	5	16	8
Tennis Courts	9	17	11
University Grants Committee (UGC) -Funded Institutions	11	17	11
Vehicle Examination Centres	7	16	12
Visitor Centres of Country Parks	5	15	10
Water Sports Centres	6	16	8
Wi-Fi.HK Hotspot Locations	13	28	29
Total No. of Downloads =	822	1 748	1 159

Table B – No. of API requests for datasets available on the GeoData Store (from 10 December 2018 to 28 February 2019)

Dataset (API Requests)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
Aided Primary Schools	16	50	9
Aided Secondary Schools	0	279	327
Aided Special Schools	0	36	0
Air Quality Monitoring Network of Hong Kong	4	36	3
Badminton Courts	3	36	1
Barbecue Areas (AFCD)	10	8	2
Barbecue Areas (LCSD)	1	97	0
Basketball Courts	1	35	0
Beaches	1	38	1
Births and Deaths Registries	0	35	2
Bowling Greens	0	35	0
Camp Sites	7	89	3

Dataset (API Requests)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
Caput Secondary Schools	1	36	0
Children's Play Rooms	0	57	0
Clinics / Health Centres under DH	8	44	3
Clinics under HA	2	36	0
Community Halls & Community Centres	0	38	2
Control Points	0	37	0
Country Parks	8	43	0
Cycling Sites	0	35	0
Delivery Offices	1	38	0
Designated Car Testing Centres	1	40	1
Direct Subsidy Scheme Primary Schools	4	36	0
Direct Subsidy Scheme Secondary Schools	0	36	0
District Offices and Sub-offices	0	35	0
Driving Test Centres	0	35	0
EPD Customer Service Counters	1	35	0
English Schools Foundation (Primary)	0	35	0
English Schools Foundation (Secondary)	0	35	0
Environmental Exhibition & Resource Centres	0	35	0
Fitness Rooms	0	36	1
Golf Facilities	0	35	0
Government Primary Schools	0	35	0
Government Secondary Schools	0	35	0
Grass Pitches	0	35	0
Hard-surface Pitches	0	35	0
Health Education Exhibition and Resource Centre	1	35	2
Higher Education Institutions	0	35	1
Holiday Camps	0	45	0
HAD Public Enquiry Service Centres	0	37	0
Horse Riding Schools	0	35	0
Hospitals under HA	42	50	84
Immigration Branch Offices	0	35	0
Indoor Air Quality Information Centre	0	35	0

Dataset (API Requests)	December 2018 (10 to 31 December 2018)	January 2019 (1 to 31 January 2019)	February 2019 (1 to 28 February 2019)
International Schools (Primary)	0	35	0
International Schools (Secondary)	0	35	0
Job Centres	0	36	1
Kindergarten-cum-child Care Centres	0	35	0
Kindergartens	0	35	1
Libraries	0	48	1
Licensing Offices	0	37	0
Marine Parks	2	35	1
Marine Reserve	3	35	0
Marriage Registries	0	36	0
Museums	0	41	0
Offices in Immigration Headquarters	0	35	0
Other Recreation & Sports Facilities	0	35	0
Parks, Zoos and Gardens	4	38	171
Performing Venues	0	37	0
Post Offices	2	36	0
Private Primary Schools	0	35	0
Private Secondary Schools (Day/Evening)	0	35	0
Recreation Grounds	0	38	0
Recycling Organisations and Collection Points	0	148	4 672
Registration of Persons Offices	0	36	0
Sports Centres	0	35	2
Sports Climbing Facilities	0	35	0
Sports Grounds	0	35	0
Squash Courts	0	35	0
Stadia	0	34	0
Street Posting Boxes	6	35	1
Swimming Pools	0	35	209
Table Tennis Tables	0	34	0
Tennis Courts	0	34	0
UGC-Funded Institutions	0	35	5
Vehicle Examination Centres	2	37	1
Visitor Centres of Country Parks	0	36	0
Water Sports Centres	2	34	2
Wi-Fi.HK Hotspot Locations	5	122	12
Total No. of Requests =	138	3 435	5 521

Table C – No. of API requests for API services available on the GeoData Store (from 10 December 2018 to 28 February 2019)

	Location Search API	Identify API	Search Nearby API	GeoData Query API (all 79 datasets) [from Table B above]	Total No. of API Requests
December 2018 (10 to 31 December 2018)	1 200	78	37	138	1 453
January 2019 (1 to 31 January 2019)	6 008	1 719	278	3 435	11 440
February 2019 (1 to 28 February 2019)	79 744	5 132	4 071	5 521	94 468
Total:	86 952	6 929	4 386	9 094	107 361

LandsD will continue to work with government bureaux and departments as well as various public and private sector organisations to progressively open up more spatial datasets and facilitate the sharing of such datasets via the GeoData Store with a view to supporting value-added reuse, innovations, researches and analysis, and, more importantly, smart city initiative.

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