Canadian Parks, Recreation and Sport Infrastructure Database

FAQ

Where can I access the database?
The database can be found online with a verified account through this link:
https://cpra.activexchange.ca/login

To create an account, please complete the form here: https://activexchange.ca/cpra-database

What types of facilities are included in the database (including playgrounds)?
The Database contains all types of recreation facilities, both indoor and outdoor, including fields, parks and playgrounds. Parks are considered a type of facility and are categorized by their size and function. A playground would be classed as a facility within the site of the park.

Are childcare centres included in the database?
Childcare (either full time or drop in) are identified as an amenity within a site, rather than a distinct type of site. Additionally, the childcare facility (rooms, etc.) may be added to the site.

How is data accuracy ensured in the database?
As an open-sourced dataset developed by the community, for the community, the accuracy of the dataset is ensured primarily by the users of the database. ActiveXchange and the CPRA play important roles in facilitating effective and accurate upload and usage of the database and monitoring for any large-scale inaccuracies contained.

What are the sources of the dataset and how are they integrated?
ActiveXchange compiles, aggregates, and otherwise validates both publicly available (free) and paid-for third-party datasets and incorporates these into all of our offerings. Please contact ActiveXchange at intelligence@activexchange.ca for any specific questions related to the datasets included within the Canadian Parks, Recreation, and Sport Infrastructure Database.

Who can enter information into the database?
Any organization/user account can add/modify sites, facilities, and usage settings in the database. The database is meant to be an open-sourced community of infrastructure information developed by members of the parks, recreation, and sport sectors in Canada. Additionally, once a site's ownership/operations are established, that site is restricted to modification only by the associated organization(s) users.

Can you assign a site with restricted permission, so that only the site owners have the authority to edit the site?
Currently, the majority of data is open and can be edited by anyone. This is designed as an open source database. However, it is possible to assign a site or sites to an owner and/or operators, so that only users of these assigned organization can modify site, facility, usage information and action plans.

Can municipalities upload custom geographies to be able to generate data for service areas specific to an organization?

Organization specific mapping layers (incl. custom geographies) can be displayed in the database. Please inquire with ActiveXchange at intelligence@activexchange.ca for more information on this value-added service.

Can data be connected within the database to external systems such as ARC GIS?
The Database is designed as an integrated and consolidated platform. Depending on an organization's specific needs, certain datasets and map layers can be made available for integration with external systems. Please contact ActiveXchange at intelligence@activexchange.ca to learn more about this value-added service.

Is infrastructure condition information included in the database?
Yes, the database includes fields to identify the status, condition, year of construction, year of last refurbishment, and others indicating site and facility condition. It should be noted that the database is not asset management tool, where deterioration factors may be best assessed.

Does the database include data on site and facility accessibility?
Yes, an accessibility field is included at the site level as a general attribute.

What is the difference between a "Rink" and "Arena/Area"?
The space type names and definitions continue to evolve as the database is adopted. In this example, best practice is to assign any "ice pad" facility (typ. hockey rink) to the "Rink" space type and ensure appropriate Usages are also defined (i.e., Hockey, Figure Skating, etc.). This will best differentiate a Rink from an Arena/Area, which could be used to define other Arena (e.g., indoor stadium) or Area (e.g. a use specific section of an open floor, like a weightlifting area of a fitness centre).

Is there a way to filter and only look at municipalities that have uploaded their infrastructure information?
Yes, The Filter tool can be used to select and display Sites with specific parameters from the database, Owner is one such parameter and others include site name, facility space type, facility usages, etc. Note: the filter uses the fields of the database and is not able to identify which assigned organization account, if any.

How is the movement data generated?
Movement data is provided through a global partnership between ActiveXchange and Mapbox. The data is generated from GPS data from 1,000s of mobile applications, 600+ million monthly active users, generating 30+ billion daily locations. The data captured is fully anonymized and provided as an 'activity index' that reflects the level of use in the specified time span and geographic space.

Can we access movement data on a more granular level?
Movement data is accessible by the hour, day (weekday/weekend), month, and year across Canada, in the 100m x 100m quadkey grid. Please contact ActiveXchange at intelligence@activexchange.ca to learn more about our Movement Pro service which provides organizations the ability to track and monitor movement across Sites and fully customizable quadkey collections.

How does the movement data distinguish between humans engaged in physical activity and other types of movement (cars etc.)?
Movement data's Activity Index does not distinguish between different types of traffic (foot, bike, car, etc.). Assumptions can be made based on the location of individual 100x100 metre quadkeys as to the

majority of the type of traffic being tracked. The Activity Index has been shown to have a greater than 80% correlation with economic activity in the respective area. Please contact ActiveXchange at intelligence@activexchange.ca to learn more about our Movement products and additional reference information.

Where can I learn more about the Movement Data Pro trial?
Please express your interest in the Movement Pro Initiative here:
https://docs.google.com/forms/d/e/1FAIpQLSfyfJK1M7OPJj71VW0XjDdJWo9MleuUC2-_pHFwvEcuj60CIw/viewform?usp=sf_link

What is the cost to participate in the Movement Pro trial?
The cost to participate in the Movement Pro Initiative will be determined based on the amount of interest and provided as group pricing structure. Movement Pro is valued starting at $8,000 annually at the Municipal-level and expands based on geographic scope of the organization.

How far back does the movement data go?
Movement Data for Canada has been populated from January 2022 to the present and is updated monthly with the latest dataset.

Will Statistics Canada be using the data in the infrastructure database in the future?
While there are no formal relationships in place with organizations like Statistics Canada, ActiveXchange and the CPRA continue to evaluate all options moving forward. With industry adoption over the coming months, years of the CPRSID as a collaborative community, our aspiration is to position this database as the most relevant single point source for all parks, recreation, and sport infrastructure in Canada.

How would you address questions about privacy?
The Canadian Parks, Recreation, and Sport Infrastructure Database complies with both the Canadian Privacy Act and the Personal Information Protection and Electronic Documents Act (PIPEDA). Please contact ActiveXchange at intelligence@activexchange.ca for any privacy related questions to receive our privacy documentation.

There are a lot of great open-source and crowd-sourced apps that collect facility information (i.e., Playground Buddy, TennisMaps, Patinoires Montréal). Can this information be added to the Database?
ActiveXchange and the CPRA continue to review and consider available data sources for infrastructure additions to the Canadian Parks, Recreation, and Sport Infrastructure Database. Resources like Playground Buddy, TennisMaps, etc. require significant validation efforts due to their facility or use specific nature, de-duplication efforts are required to ensure data quality within the CPRSID is maintained.