Permanent Bicycle Counters Open Data Dictionary

cycling_permanent_counts_locations.csv

This table contains the locations and metadata about each permanent bicycle counting sensor installation. Table can be joined to daily and 15 minute tables using `location_dir_id`. This table references the City of Toronto's Street Centreline dataset.

Column Name	Data Type	Sample	Description
location_dir_id	integer	1	Unique ID for location and direction for joining to data tables.
location_name	text	Bloor St E, West of Castle Frank Rd (retired)	Short description of sensor location.
direction	text	Eastbound	Closest cardinal direction of bike flow.
linear_name_full	text	Bloor St E	Full street name of flow from Toronto Centreline (TCL)
side_street	text	Castle Frank Rd	Nearest side street to sensor flow.
longitude	float	-79.3681194	Approximate longitude of sensor.
latitude	float	43.6738047	Approximate latitude of sensor.
centreline_id	integer	8540609	`centreline_id` corresponding to Toronto Centreline (TCL)
bin_size	text	00:15:00	Duration of `datetime_bin`s recorded by sensor in the 15 minute table.
latest_calibration_study	date		Date of latest calibration study. Where older sites have `null` values, the data was validated with other available sources.
first_active	date	1994-06-26	The earliest date for which data is available.
last_active	date	2019-06-13	The most recent date of available data produced by the sensor.
date_decommissioned	date	2019-06-13	Date decommissioned.
technology	text	Induction - Other	Technology of permanent sensor.

cycling_permanent_counts_daily_counts.csv

Daily cycling and micromobility volumes by location and direction.

Column Name	Data Type	Sample	Description
location_dir_id	integer	1	Unique ID for location and direction for joining to `cycling_permanent_counts_locations`.
location_name	text	Bloor St E, West of Castle Frank Rd (retired)	Short description of sensor location.
direction	text	Westbound	Closest cardinal direction of bike flow.
linear_name_full	text	Bloor St E	Full street name of flow from Toronto Centreline (TCL)
side_street	text	Castle Frank Rd	Nearest side street to sensor flow.
dt	date	06/26/1994	Date of count.
daily_volume	integer	939	Count of users on date `dt`.

cycling_permanent_counts_15min_counts_YYYY_YYYY.csv

15 minute cycling and micromobility volumes by location and direction. Where 15 minute volumes are not available, 1 hour volumes are provided. The row counts in these files may exceed the limits for Excel.

Column Name	Data Type	Sample	Description
location_dir_id	integer	1	Unique ID for location and direction for joining to `cycling_permanent_counts_locations`.
datetime_bin	timestamp	06/26/1994 0:00	The date-time at which the record begins. See `bin_size` in `sites` table for size of bin.
bin_volume	integer	3	Count of users in `datetime_bin`.