
TTS 2022 Data Guide

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FOREWORD

This report is designed to give potential users of the 1986, 1996, 2006, 2011, 2016 and 2022 Transportation Tomorrow Survey (TTS) data an understanding of the contents of the databases maintained at the Data Management Group. Users wishing to obtain information from the databases should contact the Data Management Group.

FURTHER INFORMATION

The Transportation Tomorrow Survey (TTS) is part of an ongoing data collection program by the Transportation Information Steering Committee (TISC). The survey data (2022, 2016, 2011, 2006, 2001, 1996, 1991 and 1986) are currently under the care of the Data Management Group (DMG). This group is responsible for maintaining the TTS databases and making available appropriate travel information for any urban transportation study in the area. Requests for information from the TTS, or enquiries related to the contents of this report, should be directed to the address below.

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1 DIFFERENCES BY TTS CYCLE

Users of TTS data should be aware of the following differences when making comparisons between the 1986, 1991, 1996, 2001, 2006, 2011, 2016, and 2022 Transportation Tomorrow Surveys.

1.1 Survey Geography

The 1986 survey covered the Greater Toronto and Hamilton Area (GTHA) defined as the Municipality of Metropolitan Toronto plus the Regional Municipalities of Durham, York, Peel, Halton and Hamilton.

In 1991, the survey area was expanded to cover the municipalities adjacent to the GTHA boundary, referred to as the 'fringe area'. (The 1991 survey data is not included in this report.)

Extending well beyond the boundaries of either of the earlier surveys, the 1996 survey includes all of the GTHA plus Peterborough County (partial coverage), City of Peterborough, Victoria County (now City of Kawartha Lakes), Town of Orangeville, Simcoe County (partial coverage), City of Barrie, Wellington County (partial coverage), City of Guelph, Waterloo Region and Niagara Region. A small portion of Dufferin County adjacent to Orangeville was also included. Northumberland County was partially represented by interviews conducted during the training of interviewers.

In 2001, changes to the survey area relative to the 1996 TTS were the inclusion of the whole of Simcoe County, the addition of the City of Orillia, and the exclusion of the Regional Municipality of Waterloo and Northumberland County.

The 2006 survey area was expanded to include the Regional Municipality of Waterloo, City of Brantford and Dufferin County. Interviews were conducted in Brant County during the training of interviewers.

The survey area in the 2011 TTS was the same as in 2006 with the inclusion of Brant County.

The survey area in the 2016 TTS was the same as in 2011.

The 2022 TTS survey area was expanded to cover the County of Grey, the County of Northumberland, and the Town of the Blue Mountains.

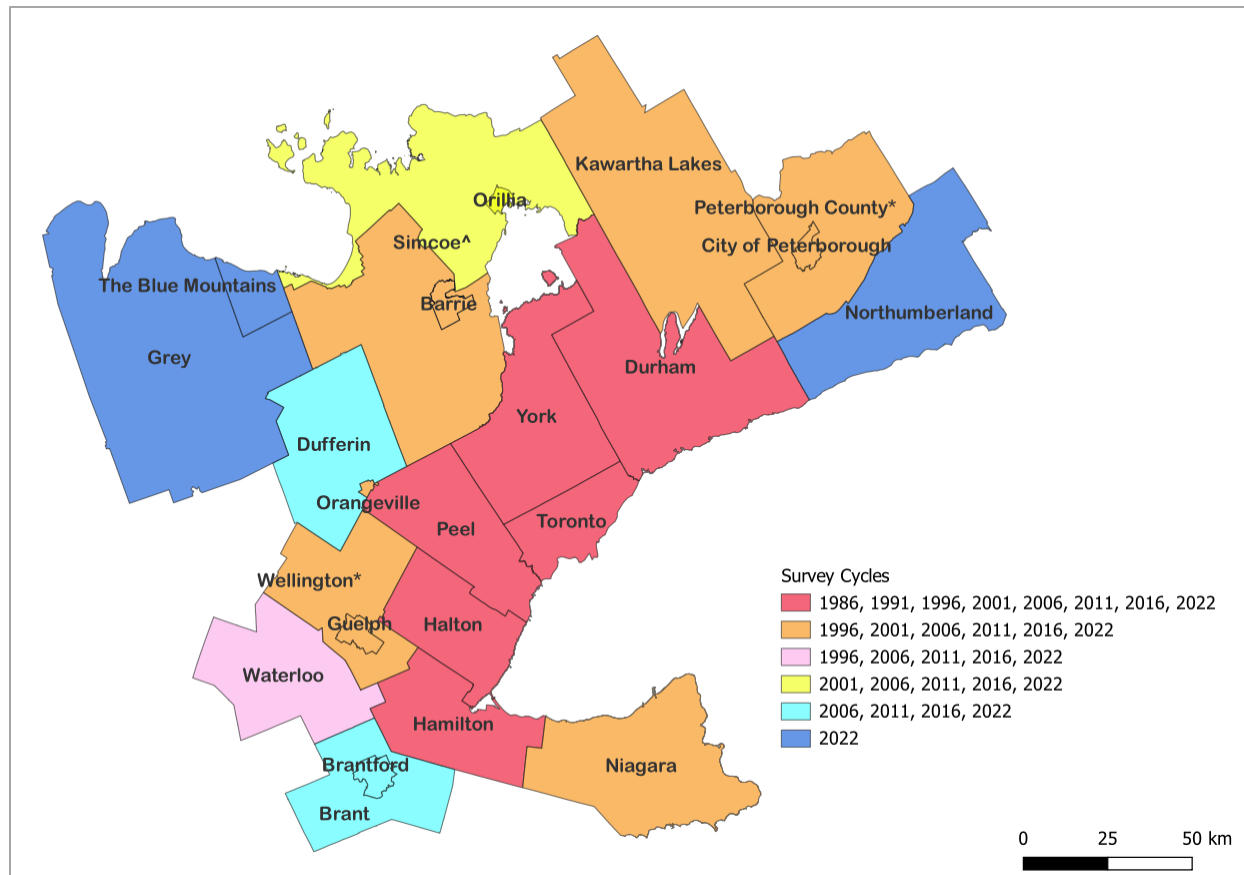
Within the study area, some municipal boundaries may have changed as municipalities have grown over the years. For example, certain cities have extended their city limits, while the counties they are located in have lost areas to these municipal expansions. There have also been amalgamations. Of note, in 1998, the regional municipality of Metropolitan Toronto and its constituent municipalities amalgamated as the City of Toronto. In the TTS data set, the

current City of Toronto is organized into 16 planning districts. It may be noted that, for continuity with previous survey cycles, the City of Toronto's 'historic municipalities'—the former municipalities of East York, Etobicoke, North York, Scarborough, York, and Toronto—are still used for some reports on the TTS data. In 2001, the current City of Hamilton was amalgamated from the former municipalities of Hamilton, Flamborough, Dundas, Ancaster, Glanbrook, and Stoney Creek. These areas within the City of Hamilton are still used as planning districts in the TTS data set.

It may be noted the code list for municipalities/planning districts in Section 3 includes some codes that were only used in certain years.

Figure 1, following, illustrates the current bounds of the study area, as well as the TTS's evolution from its coverage of only the GTHA in 1986 to its coverage of the current study area.

Figure 1. Geography of the 2022 TTS, with years of participation



* TTS study area includes a only a portion of each of Wellington and Peterbourough counties.

^ Simcoe County was only partially surveyed in 1996.

1.2 Informed Consent

Since 2016, in order to comply with privacy legislation, the survey phone interview scripts and online survey design were revised to ensure that explicit informed consent to collect respondent's survey information was asked for and recorded prior to completion of the survey. This in itself should not have any impact on the quality of the recorded data.

1.3 Dwelling Type

Since 1996, Townhouse was added as a dwelling unit type.

1.4 Household Income

Since 2016, the household's total household income category has been collected. For the first time in 2022, households that refused to provide their income range were asked if they would consider providing their income at a broader range. The income ranges used in 2022 differ from those in 2016.

1.5 Minimum Age for Trip Capture

In 1986, the minimum age of persons for which trip data was collected was 6. Starting from 1991, the minimum age was 11. In 2022, the minimum age was reduced to 5, in order to capture younger children's school trips. Trips for children under 5 are not captured as very young children rarely travel unaccompanied by another family member (whose travel will be captured); this also reduces response burden.

Comparisons across TTS cycles should be made with consideration of the age of trip capture.

1.6 Usual Place Of Work, Availability Of Free Parking, School Location

Usual place of work, availability of free parking at work and school location have been collected since 1991. Since 2001, school names have been recorded and represented by school codes in the final database. The school codes used in different cycles may sometimes differ.

1.7 Travel to Work

In 2022, weekday travel to work was captured for those with usual workplace outside the home.

1.8 Employment or Student Status

In 1986, student and employment status information were collected regardless of age but were recorded as a single attribute (i.e. either employed or a student, but not both). Since 1991, employment and student statuses have been recorded as two separate attributes to allow for all combinations of full and part time status (except full time employed at the same time as full time student, which was not allowed in earlier cycles, but which was allowed starting in 2016).

Except for 1986, employment and student status information were not collected for persons under the age of 11. Persons aged from 6 to 10 are assumed to be full time students.

1.9 Transit Pass, Occupation, No Work Trip

Since 1996, possession of a transit pass, occupation description, and confirmation of whether a full-time employed person who did not make a work trip worked from home on the trip day have been collected.

In 2016, Presto was added as a transit pass type, while GO Transit Pass (which had been a response option in 2011 and prior) was removed. In 2022, possession of a Transit Pass was collected as a Yes/No response option, with no specific Transit Pass types listed as response options.

In 2022, occupation type categories were expanded to include eleven categories of occupation types. The new categories can be aggregated to the five categories used in previous cycles.

1.10 Bicycle and Walk Trips

In 1986, information on bicycle trips was only collected for trips to or from school or work. Starting from 1991, information was collected for all bicycle trips.

Prior to 2022, walk trips were only collected for trips to and from work or school or when the walk trip is a connecting trip within a chain of trips that use other non-walk modes. Updated in 2022, walking trips are now collected for non-work/school purposes (while continuing to exclude recreational walk trips that begin and end at the same place without stopping at a destination, such as taking a dog for a walk).

1.11 Trip Start Times

In 1986, trip start times were not recorded for some school trips made by persons under the age of 14. Starting from 1991, trip start time was recorded for all trips. This difference must be allowed for in making comparisons of trip start time distributions, particularly for walk, cycle, school bus and, to a lesser extent, transit trips.

1.12 Trip Purpose

In 1986, shopping, entertainment and personal business trips were recorded as three separate trip purposes. In 1991, these trip purposes were combined under the 'other' category. From 1996 onwards, shopping was again distinguished as a separate trip purpose.

From 1991 onward, 'other' included personal business, medical, social, restaurant, recreation, entertainment (with the 1986 responses for entertainment and personal businesses being collapsed into this category). In 2022, six new categories were made including services; health

and personal care; restaurant, bar, or coffee; visiting friends, family at their residence; recreation, sports, leisure, arts; and worship or religious activity.

In 2022, a new trip purpose was added to capture the pick up of a package or online purchase. In previous cycles, such purposes would likely have been included in either 'shopping' or 'other'.

Since 1991, daycare pickup or dropoff was recorded as a separate trip purpose. In 1986, trips to daycare would likely have been included in the 'facilitate passenger' category.

In 2022, work trips were split out into three separate trip purposes, including travel to work, work-related/business meeting (other than usual workplace), and working on the road/itinerant workplace/no fixed work address.

Prior to 2022, pick up or drop off a passenger was recorded as one trip purpose of 'facilitate passenger'. In 2022, pick up and drop off are recorded as two separate trip purposes.

In 2022, a purpose of 'voting in the municipal election' was included and displayed on for if the travel day was election day.

The eighteen detailed purposes used in 2022 can be aggregated to the seven purposes used in 2016 and earlier surveys.

1.13 Travel Method

Since 2016, paid rideshare (e.g., Uber, Lyft, DriveHer) was added as a travel method.

In 2022, e-scooter or other electric mobility device was added as a travel method.

1.14 Ethnicity and Immigration Status

In 2022, questions about the ethnic origin of household members was added.

A question about immigration status was also added (if not a Canadian citizen at birth, asked recency of immigration).

1.15 Sampling Rates and Sampling Processes

The sampling rate is the percentage of households in the survey geography that have been surveyed. The sampling rates have varied by cycle as follows:

1986: Random sample of households throughout the survey area at a uniform 4.2% sampling rate.

1991: Different sampling rates for high and low growth areas (5.0% in high growth and 0.5% in low growth areas. There was significantly more variance due to random sampling in the 1991 data than for 1986 and 1996, particularly for areas sampled predominantly at the 0.5% rate such as City of Toronto.

- 1996: Random sample of households throughout the survey area at a uniform 5.0% sampling rate.
- 2001: The sample selection and sample control process were based on Forward Sortation Areas (FSAs) i.e. the 1st three characters of the postal code. Some FSAs were sampled at a higher rate than others were, and within most FSAs, apartment buildings are known to be under-represented relative to other types of housing. Overall, the sample represented 5.7% of all households.
- 2006: Sampling was originally based on a random selection of households throughout the survey area. Analysis of phase 1 interview statistics showed the response rate was 16% higher for single units. In order to compensate for the low response rate for multi units (i.e. apartments), a higher sample rate was used in the later interview phases. Overall, the sample represented 5.2% of all households.
- 2011: The sample selection and sample control process were based on FSAs with a higher sample rate for multi units. This survey obtained an overall 5.1% sampling rate across the study area.
- 2016: The sample selection and sample control process for the 2016 survey cycle was based on FSA, further stratified by dwelling type (house or multi unit) and sample type (address-only, and address-and-phone). Targets were set to achieve an overall sampling rate of 5.0% in all regions except Hamilton, which had a 3.0% sampling rate target.
- 2022: The sample selection and sample control process for the 2022 survey cycle was based on FSA, further stratified by dwelling type (house or multi unit) and sample type (address-only, and address-and-phone). An overall sampling rate of 5.0% target was set in all regions, with the exception of Kawartha Lakes where a 2.5% sampling target was set. Two datasets were obtained: one including surveys with only household and demographic information (but which either did not fully complete the trip sections or which were rejected during trip validation but had good household and demographic information) and one with just full survey completions with validated trip information. For the larger dataset including surveys with only household and demographic information, a 5.1% sampling rate was achieved relative to 2021 Census counts. For the dataset with validated full survey completions and trip information, a 4.4% sampling rate was achieved relative to 2021 Census counts, or 4.3% of estimated private households in 2022. The survey frequencies presented in this report are based on the latter dataset with trip information.

For more information on sample selection, please refer to the report *2022 Transportation Tomorrow Survey: Design and Conduct of the Survey*.

1.16 Sample Frame

The sample universe (the target population the survey is intended to represent) for all cycles has been private households occupied by usual residents.

From 1986 to 2011, the sample frame was based on telephone subscriber lists. Listings with addresses were randomly sampled and sent survey notification letters, followed by telephone calls to complete survey interviews over the phone. Up to 2001, the telephone subscriber lists provided excellent coverage of almost all private households, with very few household not having a land line telephone. By 2006, cell-phone-only households were beginning to emerge, and the proportion of all households with a traditional land line telephone having reduced somewhat to about 93%, which may have had only a modest impact on the representativeness of a sample drawn from listed land lines (with younger households in particular being less likely to have landlines). For the 2011 survey cycle, conducted in the fall of 2011 and the fall of 2012, cell-phone-only households were more common, with the proportion of households with traditional land lines being less than 71%, and the proportion of younger households with land lines having diminished considerably further. The exclusion of cell-phone-only households from the sampling frame had a more pronounced impact on the representativeness of the expanded survey data, particularly in areas with higher concentrations or younger households and smaller households (e.g., downtown Toronto).¹

In 2016, in order to include cell-phone-only households in the survey invitations, the survey sample was drawn from a database of mailable addresses, which was matched, where possible, to telephone numbers listed in the telephone subscriber directory. Addresses not matched to a telephone number received a survey letter inviting them to participate online or via phone while addresses matched to a telephone number received both a letter and telephone calls. When the address listings were randomly sampled from across the study area, appropriate volumes of address-only and address-and-phone listings were drawn to take into account the higher response rates for address-and-phone samples, and ensure that the final completed survey sample would have an appropriate balance of address-only and address-and-phone households. This core sample was supplemented by the testing of a small 'phone-only' sample, composed of equal parts Random Digit Dialed (RDD) phone numbers, listed phone numbers without an address in their listing, and cell phones. After an initial trial, the phone only sample was abandoned, and thus only accounts for a small proportion of the total sample.

¹ By 2013, fully 60% of households with all occupants under the age of 35 were cell-phone-only households. Figures on incidence of land line telephone subscriptions and cell-phone-only households cited in the above paragraph are from Statistics Canada's Residential Telephone Service Survey (RTSS), 2005, 2008, 2010, and 2013 data releases.

In 2022, an address-based sampling frame was used. Addresses were drawn from a Canada Post database of all mailable addresses in the study area, including both households with landlines and households without. The portion of the addresses that could be matched to listed phone numbers were retained to form the address-and-phone sample, and households without a listed landline formed the address-only sample. The final sampling plan again included a mixed sampling approach involving address-and-phone and address-only records. In addition, a small sample of ‘volunteer’ sample was included, consisting of residents who were not randomly sampled but were interested in and allowed to participate in the survey.

Table 1-1 lists the number of survey completions for each sample type. It should be noted that the survey data set used for most analyses and modelling is the one with full survey completions with valid trip data. The version that includes surveys with only household and demographic data is held by the Data Management Group.

Table 1-1 2022 TTS – Type of Sample

Sample	Final Survey Completions with Trip Data (after validation)	Final Survey Completions with ONLY Household & Demographic Data (after validation)	Total	% of Total
Address-and-phone	61,338	6,407	67,745	36.4%
Address-only	96,719	20,805	117,524	63.2%
Volunteer*	605	217	822	0.4%
	158,662	27,429	186,091	100.0%

* Volunteer sample includes households who contacted the call centre via phone or went to the survey website and obtained an access code through the open survey link. As the number of volunteers was negligible, and unlikely to impact the representativeness of the randomly selected sample, they were included in the final dataset.

1.17 Survey Completion Method

From 1986 to 2006, all surveys were completed via telephone interview. In 2011, online surveying was introduced, with 12% of respondents completing the survey online, and 88% by phone. In 2016 and 2022, a higher proportion of completions were obtained online in part due to the sample composition, with the address-only portion of the sample receiving only a survey letter and no phone contact, and in part to the public’s increasing comfort in completing online surveys. In 2016, 64% of all survey completions were completed online, while 36% were completed over the telephone. In 2022, 88% of all survey completions were completed online, while 12% were completed over the telephone.

1.18 Changes in Survey Data Weighting

From 1986 through 2006, the survey sample collected was weighted with simple expansion factors that expanded the households surveyed to match the Census household counts by geography. In 2006, the weighting controls were conducted with aggregations of Census tracts.

In 2011, a new approach to data weighting was taken that expanded the data to represent total population rather than total households. Adjustments were first made to expand the number of households to represent total apartments and non-apartments in the geographies of the study area. This was followed by adjustments such that the expanded person-level survey data represented the Census distributions of the total population by age group (with each household receiving a household weight based on the mean of the person weights for persons in the household). The Census counts of total population by age group include people living in collective dwellings.² Therefore, the survey results for the 2011 cycle slightly over-represent the survey's target population of people living in private dwellings (by 1.4%) and thus may also slightly over-represent the number of trips made. As the final adjustment was to population counts, the weighted household counts in 2011 deviated somewhat from the total private households in each study area per the Census.

In 2016, a more complex approach to data weighting was taken that expanded the data to match total households once again. An iterative proportional fitting method was undertaken to adjust the household weights according to the following controls: dwelling type, household size, and householder age by gender. As the method employed made household-level adjustments based on the age/gender demographics of all householders, the 2016 expanded household counts in the survey data match the Census household counts. The weighted 2016 survey data closely match Census household size and dwelling type distributions, whereas previous surveys may have had more variance from Census household size and dwelling type distributions. The weighting also included an adjustment for an apparent over-representation of GO Train users.

In 2022, the data weighting calibrated the data against household counts using the same iterative proportional fitting method as in 2016. The same weighting controls were used, including the adjustment for GO Train ridership, with some refinements to the stratifications used and to the algorithms used. In addition, Labour Force Survey estimates from the fall of 2022 were introduced as a weighting control at the Census Metropolitan Area level of geography, in order to better balance the incidence of full-time workers, part-time workers, and non-workers. As the survey had been delayed by one year due to the COVID-19 pandemic, the 2021 Census counts were projected forward to 2022 estimates using the annual population

² In 2011, 1.4% of the population in the study area did not live in private dwellings. In 2016, the proportion was similar, at 1.3%.

growth rate from 2016 to 2021 for each expansion geography. As in 2016, the weighted 2022 survey data closely match Census age, gender, household size and dwelling type distributions.^{3,4}

1.19 Analysis of Household Level Information in the 2011 TTS Data

As noted above, the 2011 TTS was unique in that the survey weighting was applied at the person-level, with the household weight subsequently assigned as the mean of the person weights for all household members in each household. Therefore, the expanded value of household attributes which count the number of householders with certain attributes might not match the expanded value based on person attributes from the person tables. For any 2011 tabulations, these household attributes should only be used as filter variables. The 2011 TTS household attributes with this issue include the following: the number of people in the household, the number of people with drivers licenses in the household, the number of workers (full-time, part-time, and work-from-home) in the household, and the number of students in the household.

This issue does not apply to the 2022 or 2016 data, nor to earlier survey cycles from 1986 through 2006.

1.20 Comparability of Data from Different Survey Cycles

Caution should be undertaken when comparing data between survey cycles. The comparability of the datasets for individual cycles may be affected by a number of factors including: how well the target population (residents of private households) is represented by the sample source used in the given cycle; changes in survey methods; and how the survey sample was weighted and expanded to represent the total population.

As noted in the preceding sections of this report, from 1986 through 2001, the sample source of listed land-line telephone subscribers provided excellent coverage of all private residences in the survey area, the survey methods were the same, and it was possible to weight the data with simple expansion factors such that the weighted data matched household counts. The 2006 TTS was the first survey cycle affected by changes in household telephone subscription habits. The 2011, 2016 and 2022 survey cycles had a number of differences from previous cycles in terms of

³ Note: the age distributions take into account the proportion of population in each age range in each Census Subdivision estimated to live in private residences as opposed to collective dwellings, with a higher proportion of older people likely to live in collective dwellings such as seniors' care homes. As the age distributions used in the data weighting are for population living in residential dwellings, the survey distributions may not always line up with the Census counts by age range for the entire population.

⁴ It may be noted that while the expanded household counts for each survey geography are almost identical to the Census counts projected forward to 2022, the expanded population counts are sometimes slightly less than the 2022 Census projections for population living in private households. This may be due to differences in the growth of dwelling units relative to population growth; under-representation of larger households (e.g. those with five or more household members) in some areas; and limits placed on extreme weights.

the coverage of population universe by the sample frame, survey methods, response rates, and data weighting methods. In particular, the 2011 TTS had no coverage of cell-phone only households. If the residents of cell-phone-only households had different demographics and travel behaviours than those in households with traditional land lines, this may have had an impact on the representativeness of the 2011 survey sample. As also noted earlier, the 2011 TTS also over-represented the total number of people living in private households by 1.4%. In the 2016 and 2022 survey cycle, address-only sample was used to achieve coverage of cell-phone-only households. It may be noted that address-only samples have somewhat lower response rates and may have more non-response bias than for address-and-phone samples.

The 2022 TTS also introduced significant changes to trip capture and trip definition:

- The 2022 TTS collected trip data from those 5+ years of age instead of those aged 11 years or older.
- Another significant change was made to trip definition, updated in the TTS 2022 to include walking trips for non work/school purposes (while continuing to exclude recreational walk trips).

When comparing the 2022 trip-level results to previous survey cycles for longitudinal trend analysis, the 2022 survey data can be filtered to just the trips made by persons 11+ years of age and excluding the types of non-commute walking trips which would not have been captured in previous cycles, which have been flagged in the dataset.

Further research to explore the impacts of changing sample frames, survey methods, and data weighting on the survey results is recommended. For the above reasons, caution should be undertaken when comparing the results from the 2006, 2011, 2016 and 2022 survey cycles.

2 DATA EXPANSION

The data for each survey have been expanded to represent the total households or total population of the survey area in each survey cycle.

In the 1986, 1991, 1996, 2001, and 2006 surveys, survey expansion factors were calculated based on geographic areas called expansion zones. In 2001, these were based on postal forward sortation areas (FSAs), while in 2006, these were based on aggregated Census Tracts. The number of households (private dwelling units occupied by usual residents) in each expansion zone was obtained from the Canada Census and used as the control total for calculating the expansion factor. The same expansion factor was applied to all the households in an expansion zone and to all household, person, and trip data associated with each household.

In the 2011 survey, the weighting method took into account adjustments for age distribution, and the final expansion was to match Canada Census population counts rather than household counts. Postal FSAs were used as the geographical basis for expansion zones to expand to the Census counts, except in more rural areas, for which the first five digits of postal codes were used to expand to Canada Post delivery counts. To adjust for observed bias in the 2011 dataset by age, adjustment factors were then applied using Census counts aggregated by age range. This step also had the effect of adjusting the weighted survey counts to match total population (rather than to total households as in previous cycles). As 1.3% of the population lived in collective dwellings (prisons, student residences, seniors care facilities) or was homeless, and thus not part of the TTS's target sample frame, the 2011 cycle slightly over-represents the target population of people living in private residences. In the 2011 data, the person-level expansion factors were applied to the person and trip data, while the household expansion factor included in the database is the mean of the person factors applied to each person in a given household. For the 2011 data, household tabulations will only be consistent with person and trip tabulations if they are based on complete household data. The use of the household expansion factors for tabulation of household data based on any subset of household members (e.g. number of persons with a driver's licence) is not valid. These attributes should only be used as filters when performing person or trip tabulations.

Beginning in 2016, aggregations of Statistics Canada Aggregated Dissemination Areas (ADAs) have been used as the geographical basis for expansion zones.⁵ In order for the geographical expansion zones to align better with municipal and planning district boundaries, a small number

⁵ ADAs were created for the 2016 Census, covering the entire country to ensure the availability of census data across all regions of Canada. They are formed from Census Tracts within Census Metropolitan Areas and tracted Census Agglomerations, Census Subdivisions or Dissemination Areas, and generally contain a population between 5,000 and 15,000.

of ADAs were split by Census Subdivision (in cases where a rural ADA included multiple Census Subdivisions), Census Tract, and/or Dissemination Area. In 2022, the expansion zones were based on those created in 2016, with some refinements to split 2016 expansion zones that had significant growth (and thus very large samples in 2022), combine some 2016 expansion zones that had small samples in 2022, and to create new zones for the new geographies added to the study area in 2022.

In the 2016 survey, the weighting method took into account adjustments for dwelling type, household size, and the distribution of the population by age and gender, with the data expanded to match Canada Census counts of households. As the survey had been delayed by one year due to the COVID-19 pandemic, the 2021 Census counts were projected forward to 2022 estimates using the annual population growth rate from 2016 to 2021 for each expansion geography.

In 2022, Labour Force Survey estimates from the fall of 2022 were introduced as a weighting control at the Census Metropolitan Area level of geography, in order to better balance the incidence of full-time workers, part-time workers, and non-workers.

In 2022, the Census-based age distributions used as data weighting controls were adjusted to take into account the proportion of population in each age range in each Census Subdivision estimated to live in private residences as opposed to collective dwellings, with a higher proportion of older people likely to live in collective dwellings such as seniors' care homes. As the age distributions used in the data weighting are for population living in residential dwellings, they survey distributions may not always line up with the Census counts by age range for the entire population.

In order to address the challenge of making weighting adjustments for both household-level and person-level controls, an iterative proportional fitting method was used in both 2016 and 2022. First, adjustments to the household weights were made to match dwelling type distributions within each expansion zone, followed by adjustments to match household size distributions. After this, the population distributions by age and gender were compared to Census counts within each expansion zone (with some discounting of persons over the age of 75 years to account for seniors living in collective dwellings), with each household factor receiving an adjustment factor computed as the average of the theoretical person-level adjustments for people within the household. This entire process was repeated until the weights converged on a solution that generally satisfied both the household- and person-level controls from the Census. During this iterative process, an adjustment was made to better control the number of GO Train users to better match GO Train ridership, but the other household controls were allowed to take precedence over this adjustment. Final calibrations to the weights were made such that the survey data matched the Census control counts of private dwellings occupied by usual

residents. The resulting household weight was then applied to all person and trip data associated with the given household.

The weighted 2022 survey data closely match Census household size and dwelling type distributions. However, it may be noted, the expanded population counts are sometimes slightly less than the Census distributions for population living in private households. This may be due to one or more of the following reasons: differences in population and dwelling unit growth rates (i.e., population growth rates were universally applied to dwelling units and to population, however, it may be possible that dwelling unit growth may differ from population growth);⁶ some under-representation of larger households (e.g. those with five or more household members) in some areas; and/or limits placed on extreme weights.

Details of the expansion process and the expansion factors used in the previous surveys are contained in the individual data guides and expansion reports for those years. Details of the 2022 data expansion are contained in the report *2022 TTS: Data Expansion and Validation*.

Table 2-1 provides a summary by planning district and compares the expanded totals from the survey, both for dwelling units and for population, with data from the 2021 Census projected forward to 2022. The survey counts are based on the final dataset to be used for analysis and modelling purposes, that composed of validated surveys with full trip information. The sampling rate listed is based on 2022 dwelling estimates, not the 2021 Census counts used when setting survey targets for the administration of the survey.

Since expansion adjustment was made at household level, as one would expect, there were no significant differences in households. However, there may be some under-representation of population for the reasons noted above.

⁶ Only one growth factor was applied to both dwelling counts and population (i.e., different growth rates were not applied to dwellings and to population). To apply differential growth factors would require a more sophisticated forecasting exercise (e.g., taking into account different dwelling growth rates by dwelling size / household size) that was beyond scope for this project.

Table 2-1 Validation of 2022 TTS Expansion Factors

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
Total Survey Area	158,662	366,172	3,625,707	3,673,865	3,673,865	9,702,458	9,830,575	9,716,903	9,550,540	100.0%	97.2%	98.3%	4.3%
GTHA	117,641	276,139	2,677,128	2,708,667	2,708,651	7,281,694	7,366,149	7,291,724	7,154,600	100.0%	97.1%	98.1%	4.3%
Non-GTHA	41,021	90,033	948,579	965,198	965,214	2,420,764	2,464,426	2,425,179	2,395,939	100.0%	97.2%	98.8%	4.3%
City of Toronto	51,436	109,566	1,160,892	1,171,021	1,171,021	2,794,356	2,811,812	2,778,484	2,732,675	100.0%	97.2%	98.4%	4.4%
1 PD 1 of Toronto	8,399	13,570	181,382	187,598	187,595	313,102	323,249	315,929	312,903	100.0%	96.8%	99.0%	4.5%
2 PD 2 of Toronto	4,386	9,461	92,960	92,740	92,740	201,697	201,109	197,932	196,268	100.0%	97.6%	99.2%	4.7%
3 PD 3 of Toronto	4,169	9,291	95,786	96,016	96,726	239,837	240,285	237,205	234,119	100.7%	97.4%	98.7%	4.3%
4 PD 4 of Toronto	5,145	10,246	107,728	108,980	108,295	245,020	247,122	243,780	240,203	99.4%	97.2%	98.5%	4.7%
5 PD 5 of Toronto	2,115	4,531	48,731	48,731	48,704	123,589	123,561	122,726	120,885	99.9%	97.8%	98.5%	4.3%
6 PD 6 of Toronto	4,406	9,870	90,953	90,989	90,989	212,948	212,932	211,236	209,567	100.0%	98.4%	99.2%	4.8%
7 PD 7 of Toronto	1,641	3,241	36,556	37,589	37,589	76,338	78,238	76,836	76,195	100.0%	97.4%	99.2%	4.4%
8 PD 8 of Toronto	3,698	8,039	81,670	82,172	82,122	205,039	206,101	204,137	201,744	99.9%	97.9%	98.8%	4.5%
9 PD 9 of Toronto	1,122	2,949	30,823	30,741	30,791	94,860	94,593	93,959	90,867	100.2%	96.1%	96.7%	3.6%
10 PD 10 of Toronto	1,800	4,385	54,140	54,646	54,646	155,463	156,861	156,131	152,298	100.0%	97.1%	97.5%	3.3%
11 PD 11 of Toronto	3,934	8,397	88,600	88,834	88,842	212,012	212,462	210,031	206,920	100.0%	97.4%	98.5%	4.4%
12 PD 12 of Toronto	1,458	3,385	32,535	32,816	32,808	84,306	84,908	84,520	83,600	100.0%	98.5%	98.9%	4.4%
13 PD 13 of Toronto	3,504	8,170	84,810	84,982	84,927	238,297	238,854	235,653	229,373	99.9%	96.0%	97.3%	4.1%
14 PD 14 of Toronto	1,100	2,496	25,379	25,498	25,498	65,870	66,177	65,344	64,241	100.0%	97.1%	98.3%	4.3%
15 PD 15 of Toronto	1,267	3,228	29,351	29,494	29,542	87,303	87,715	87,044	85,278	100.2%	97.2%	98.0%	4.3%
16 PD 16 of Toronto	3,292	8,307	79,488	79,195	79,207	238,675	237,645	236,021	228,212	100.0%	96.0%	96.7%	4.2%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
Region of Durham	10,740	26,198	243,048	247,055	247,055	696,992	709,081	703,347	691,893	100.0%	97.6%	98.4%	4.3%
17 Brock	199	435	4,788	4,864	4,864	12,567	12,767	12,501	12,363	100.0%	96.8%	98.9%	4.1%
18 Uxbridge	363	800	8,008	8,041	8,041	21,556	21,645	21,494	21,280	100.0%	98.3%	99.0%	4.5%
19 Scugog	394	877	8,292	8,295	8,295	21,706	21,713	21,416	21,474	100.0%	98.9%	100.3%	4.7%
20 Pickering	1,527	3,887	33,425	34,040	34,040	99,186	101,049	100,437	98,309	100.0%	97.3%	97.9%	4.5%
21 Ajax	1,696	4,505	39,488	39,955	39,955	126,666	128,204	127,772	124,699	100.0%	97.3%	97.6%	4.2%
22 Whitby	2,075	5,221	46,460	47,178	47,289	138,501	140,701	138,834	137,241	100.2%	97.5%	98.9%	4.4%
23 Oshawa	2,827	6,454	66,634	67,991	67,880	175,383	179,473	178,075	174,834	99.8%	97.4%	98.2%	4.2%
24 Clarington	1,659	4,019	35,953	36,691	36,691	101,427	103,529	102,818	101,691	100.0%	98.2%	98.9%	4.5%
Region of York	17,388	46,372	391,034	396,607	396,607	1,173,334	1,189,419	1,181,575	1,159,869	100.0%	97.5%	98.2%	4.4%
25 Georgina	785	1,856	18,007	18,203	18,203	47,873	48,384	47,864	47,451	100.0%	98.1%	99.1%	4.3%
26 East Gwillimbury	492	1,247	11,449	12,404	12,404	34,637	37,535	36,985	36,407	100.0%	97.0%	98.4%	4.0%
27 Newmarket	1,311	3,259	30,301	30,592	30,592	87,942	88,800	87,468	86,479	100.0%	97.4%	98.9%	4.3%
28 Aurora	941	2,377	21,506	22,057	22,057	62,057	63,787	63,116	62,678	100.0%	98.3%	99.3%	4.3%
29 Richmond Hill	3,065	8,128	69,314	69,909	69,909	202,022	203,600	202,484	199,271	100.0%	97.9%	98.4%	4.4%
30 Whitchurch-Stouffville	743	1,866	16,707	17,032	17,032	49,864	50,807	50,358	49,680	100.0%	97.8%	98.7%	4.4%
31 Markham	5,128	13,923	110,867	111,760	111,760	338,503	340,850	339,601	332,017	100.0%	97.4%	97.8%	4.6%
32 King	383	1,029	8,969	9,170	9,170	27,333	27,944	27,813	27,494	100.0%	98.4%	98.9%	4.2%
33 Vaughan	4,540	12,687	103,914	105,480	105,480	323,103	327,712	325,886	318,392	100.0%	97.2%	97.7%	4.3%
Region of Peel	19,080	50,051	450,746	455,724	455,786	1,451,022	1,469,506	1,457,481	1,415,312	100.0%	96.3%	97.1%	4.2%
34 Caledon	1,079	2,869	23,699	24,386	24,380	76,581	79,056	78,533	76,922	100.0%	97.3%	97.9%	4.4%
35 Brampton	6,926	19,635	182,472	186,522	186,590	656,480	672,582	666,219	640,260	100.0%	95.2%	96.1%	3.7%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
36 Mississauga	11,075	27,547	244,575	244,816	244,816	717,961	717,868	712,729	698,131	100.0%	97.3%	98.0%	4.5%
Region of Halton	9,272	22,464	208,601	212,592	212,514	596,637	609,456	602,509	594,819	100.0%	97.6%	98.7%	4.4%
37 Halton Hills	945	2,351	21,825	21,967	21,889	62,951	63,402	62,772	62,079	99.6%	97.9%	98.9%	4.3%
38 Milton	1,729	4,747	40,038	41,708	41,708	132,979	138,871	137,302	134,203	100.0%	96.6%	97.7%	4.1%
39 Oakville	3,302	8,201	73,558	75,401	75,401	213,759	219,409	217,665	215,427	100.0%	98.2%	99.0%	4.4%
40 Burlington	3,296	7,165	73,180	73,516	73,516	186,948	187,774	184,770	183,110	100.0%	97.5%	99.1%	4.5%
City of Hamilton	9,725	21,488	222,807	225,668	225,668	569,353	576,875	568,328	560,033	100.0%	97.1%	98.5%	4.3%
41 Flamborough PD	793	2,015	16,406	16,760	16,760	46,863	47,880	47,487	47,132	100.0%	98.4%	99.3%	4.7%
42 Dundas PD	477	1,015	9,989	9,988	9,901	24,154	24,140	23,295	22,923	99.1%	95.0%	98.4%	4.8%
43 Ancaster PD	659	1,651	15,205	15,480	15,129	44,194	45,003	44,398	43,726	97.7%	97.2%	98.5%	4.3%
44 Glanbrook PD	534	1,274	11,868	12,263	12,256	35,073	36,340	36,302	35,875	99.9%	98.7%	98.8%	4.4%
45 Stoney Creek PD	1,178	2,768	27,567	28,181	27,634	76,494	78,153	77,446	75,094	98.1%	96.1%	97.0%	4.2%
46 Hamilton PD	6,084	12,765	141,772	142,996	143,987	342,575	345,359	339,400	335,283	100.7%	97.1%	98.8%	4.3%
Region of Niagara	8,324	17,372	195,914	198,715	198,715	477,941	485,005	476,429	471,572	100.0%	97.2%	99.0%	4.2%
51 Grimsby	508	1,128	11,395	11,546	11,546	28,883	29,265	28,945	28,831	100.0%	98.5%	99.6%	4.4%
52 Lincoln	440	1,025	9,555	9,714	9,739	25,719	26,152	25,366	25,082	100.3%	95.9%	98.9%	4.5%
53 Pelham	307	684	6,959	7,054	7,054	18,192	18,436	18,048	17,954	100.0%	97.4%	99.5%	4.4%
54 Niagara-on-the-Lake	343	697	7,857	7,999	7,999	19,088	19,434	18,799	18,547	100.0%	95.4%	98.7%	4.3%
55 St. Catharines	2,542	5,104	58,903	59,327	59,327	136,803	137,750	135,284	134,144	100.0%	97.4%	99.2%	4.3%
56 Thorold	378	866	9,095	9,565	9,598	23,816	25,117	24,814	24,510	100.3%	97.6%	98.8%	4.0%
57 Niagara Falls	1,566	3,210	37,793	38,379	38,427	94,415	95,969	94,203	93,298	100.1%	97.2%	99.0%	4.1%
58 Welland	966	1,931	23,656	23,972	23,939	55,750	56,499	55,717	55,015	99.9%	97.4%	98.7%	4.0%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
59 Port Colborne	354	702	8,710	8,857	8,857	20,033	20,370	19,738	19,599	100.0%	96.2%	99.3%	4.0%
60 Fort Erie	583	1,201	14,081	14,285	14,237	32,901	33,371	32,955	32,515	99.7%	97.4%	98.7%	4.1%
61 West Lincoln	210	536	5,295	5,362	5,337	15,454	15,649	15,599	15,302	99.5%	97.8%	98.1%	3.9%
62 Wainfleet	127	288	2,615	2,655	2,655	6,887	6,993	6,961	6,774	100.0%	96.9%	97.3%	4.8%
Region of Waterloo	10,017	22,842	222,426	227,002	226,977	587,165	599,300	591,241	581,519	100.0%	97.0%	98.4%	4.4%
63 Waterloo	2,191	4,999	47,040	48,552	48,552	121,436	125,223	121,960	120,639	100.0%	96.3%	98.9%	4.5%
64 Kitchener	4,457	9,928	99,812	101,822	101,822	256,885	262,367	259,596	255,354	100.0%	97.3%	98.4%	4.4%
65 Cambridge	2,228	5,101	51,269	52,050	52,045	138,479	140,568	139,198	136,751	100.0%	97.3%	98.2%	4.3%
66 North Dumfries	169	418	3,689	3,720	3,725	10,619	10,709	10,649	10,423	100.1%	97.3%	97.9%	4.5%
67 Wilmot	373	882	7,891	7,969	7,969	21,429	21,631	21,444	21,270	100.0%	98.3%	99.2%	4.7%
68 Wellesley	160	420	3,366	3,369	3,369	11,318	11,329	11,326	10,738	100.0%	94.8%	94.8%	4.7%
69 Woolwich	439	1,094	9,359	9,520	9,495	26,999	27,473	27,068	26,345	99.7%	95.9%	97.3%	4.6%
70 City of Guelph	2,686	5,914	56,480	57,466	57,472	143,740	146,311	144,386	142,927	100.0%	97.7%	99.0%	4.7%
Wellington County (part) †	1,124	2,621	23,887	24,310	24,358	64,922	66,073	65,401	64,798	100.2%	98.1%	99.1%	4.6%
71 Puslinch	135	326	2,857	2,904	2,898	7,944	8,075	8,040	7,839	99.8%	97.1%	97.5%	4.6%
72 Guelph/Eramosa	221	527	4,838	4,919	4,919	13,904	14,137	13,975	13,903	100.0%	98.3%	99.5%	4.5%
73 Centre Wellington	546	1,243	11,972	12,227	12,272	31,093	31,767	31,318	31,182	100.4%	98.2%	99.6%	4.5%
79 Erin	222	525	4,220	4,260	4,270	11,981	12,094	12,068	11,874	100.2%	98.2%	98.4%	5.2%
80 Town of Orangeville	502	1,142	11,059	11,157	11,163	30,167	30,453	29,965	29,707	100.1%	97.6%	99.1%	4.5%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
81 City of Barrie	2,600	5,830	55,316	55,845	55,845	147,829	149,226	146,756	145,159	100.0%	97.3%	98.9%	4.7%
Simcoe County	5,516	12,499	133,086	136,933	136,994	351,929	362,389	357,758	353,663	100.0%	97.6%	98.9%	4.0%
82 Innisfil	596	1,431	15,708	16,242	16,081	43,326	44,854	44,721	43,562	99.0%	97.1%	97.4%	3.7%
83 Bradford-West Gwillimbury	550	1,509	13,415	13,935	13,935	42,880	44,645	44,071	42,996	100.0%	96.3%	97.6%	3.9%
84 New Tecumseth	639	1,434	15,854	16,744	16,744	43,948	46,360	45,866	45,171	100.0%	97.4%	98.5%	3.8%
85 Adjala-Tosorontio	168	413	3,836	3,841	3,841	10,989	11,004	10,970	10,764	100.0%	97.8%	98.1%	4.4%
86 Essa/CFB Borden	329	850	7,949	8,157	8,318	22,970	23,571	23,389	23,625	102.0%	100.2%	101.0%	4.0%
87 Clearview	231	524	5,570	5,627	5,623	14,814	14,964	14,768	14,649	99.9%	97.9%	99.2%	4.1%
88 Springwater	305	733	7,516	7,720	7,720	21,701	22,317	22,178	22,002	100.0%	98.6%	99.2%	4.0%
127 Collingwood	476	913	11,174	11,489	11,489	24,811	25,506	24,956	24,903	100.0%	97.6%	99.8%	4.1%
128 Wasaga Beach	461	894	10,811	11,225	11,229	24,862	25,809	25,522	25,296	100.0%	98.0%	99.1%	4.1%
129 Tiny & Christian Island	236	507	5,668	5,782	5,782	13,675	13,950	13,718	13,619	100.0%	97.6%	99.3%	4.1%
130 Penetanguishene	178	379	3,976	4,031	4,031	10,077	10,218	9,095	9,036	100.0%	88.4%	99.3%	4.4%
131 Midland	342	661	7,849	7,947	7,947	17,817	18,039	17,612	17,526	100.0%	97.2%	99.5%	4.3%
132 Tay	176	394	4,535	4,627	4,685	11,091	11,316	11,213	11,259	101.2%	99.5%	100.4%	3.8%
133 Oro-Medonte	394	893	8,636	8,790	8,817	23,017	23,428	23,354	23,230	100.3%	99.2%	99.5%	4.5%
134 Severn	226	512	5,804	5,899	5,920	14,576	14,814	14,752	14,686	100.4%	99.1%	99.6%	3.8%
135 Ramara & Chippewas of Rama First Nation	209	452	4,785	4,877	4,833	11,375	11,594	11,573	11,339	99.1%	97.8%	98.0%	4.3%
89 City of Kawartha Lakes (2.5%target)++	893	1,883	32,708	33,054	33,054	79,247	80,069	78,027	77,524	100.0%	96.8%	99.4%	2.7%
103 City of Peterborough	1,655	3,418	35,977	36,274	36,274	83,651	84,331	82,250	81,945	100.0%	97.2%	99.6%	4.6%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
Peterborough County (part) †	838	1,894	19,214	19,607	19,607	49,631	50,655	49,946	49,710	100.0%	98.1%	99.5%	4.3%
104 Cavan Monaghan	169	408	3,553	3,643	3,643	10,016	10,270	10,018	9,912	100.0%	96.5%	98.9%	4.6%
106 Otonabee-South Monaghan	138	307	2,889	2,916	2,916	7,428	7,500	7,386	7,391	100.0%	98.5%	100.1%	4.7%
108 Asphodel-Norwood	65	137	1,821	1,870	1,870	4,658	4,782	4,661	4,601	100.0%	96.2%	98.7%	3.5%
109 Douro-Dummer	141	335	2,925	3,002	3,002	7,632	7,832	7,815	7,819	100.0%	99.8%	100.1%	4.7%
111 Selwyn	325	707	8,026	8,176	8,176	19,897	20,271	20,066	19,987	100.0%	98.6%	99.6%	4.0%
136 City of Orillia	597	1,191	14,422	14,633	14,572	33,411	33,935	32,780	32,457	99.6%	95.6%	99.0%	4.1%
Dufferin County	560	1,388	12,251	12,499	12,479	36,090	36,817	36,525	35,755	99.8%	97.1%	97.9%	4.5%
140 Mulmur	97	212	1,388	1,396	1,396	3,571	3,590	3,574	3,480	100.0%	96.9%	97.4%	6.9%
141 Shelburne	116	266	3,025	3,094	3,094	8,994	9,199	9,016	8,858	100.0%	96.3%	98.2%	3.7%
142 Amaranth	55	141	1,372	1,388	1,388	4,327	4,379	4,377	4,146	100.0%	94.7%	94.7%	4.0%
143 Melancthon	42	116	1,035	1,041	1,041	3,132	3,152	3,119	3,176	100.0%	100.8%	101.8%	4.0%
144 Mono	136	348	3,131	3,189	3,189	9,421	9,595	9,543	9,422	100.0%	98.2%	98.7%	4.3%
145 Grand Valley	61	162	1,397	1,473	1,473	3,851	4,061	4,054	4,019	100.0%	99.0%	99.1%	4.1%
146 East Garafraxa	53	143	903	918	898	2,794	2,841	2,842	2,655	97.8%	93.4%	93.4%	5.8%
147 City of Brantford	1,800	3,936	41,568	42,128	42,188	104,403	106,036	104,497	103,280	100.1%	97.4%	98.8%	4.3%
Brant County	611	1,415	14,634	14,901	14,841	40,368	41,083	40,349	39,726	99.6%	96.7%	98.5%	4.1%
124 Brant County	611	1,415	14,634	14,901	14,841	40,368	41,083	40,349	39,726	99.6%	96.7%	98.5%	4.1%

Planning District	TTS Records		Dwelling Units Occupied by Usual Residents			Population, Population in Private Dwellings				Difference			Hhld
	Household	Person	2021 Census	2022 Est.	TTS	2021 Census Total Pop	2022 Est. Total Pop	2022 Est. Pop. in Pvt. Dwell	TTS	vs. House	vs. Total Pop.	vs. in Pvt Dwell	Sample Rate
Northumberland County	1,601	3,252	37,328	37,680	37,680	89,365	90,196	88,095	87,109	100.0%	96.6%	98.9%	4.2%
148 Brighton	209	412	5,014	5,044	5,044	12,108	12,180	11,563	11,393	100.0%	93.5%	98.5%	4.1%
149 Cramahe	100	204	2,603	2,616	2,616	6,509	6,540	6,541	6,410	100.0%	98.0%	98.0%	3.8%
150 Hamilton (town of)	189	408	4,281	4,290	4,311	11,059	11,081	11,057	10,935	100.5%	98.7%	98.9%	4.4%
151 Port Hope	316	638	7,318	7,372	7,351	17,294	17,421	17,013	16,792	99.7%	96.4%	98.7%	4.3%
152 Cobourg	397	731	9,134	9,236	9,236	20,519	20,746	19,999	19,878	100.0%	95.8%	99.4%	4.3%
153 Alnwick/Haldimand	148	356	2,823	2,871	2,814	7,473	7,600	7,546	7,403	98.0%	97.4%	98.1%	5.2%
154 Alderville First Nation	5	8	252	256	313	542	552	549	415	122.3%	75.1%	75.6%	2.0%
155 Trent Hills	237	495	5,903	5,995	5,995	13,861	14,076	13,827	13,882	100.0%	98.6%	100.4%	4.0%
156 Town of The Blue Mountains	158	332	4,348	4,610	4,610	9,390	9,956	9,856	9,804	100.0%	98.5%	99.5%	3.4%
Grey County	1,539	3,104	37,961	38,384	38,384	91,515	92,591	90,918	89,283	100.0%	96.4%	98.2%	4.0%
157 West Grey	217	448	5,284	5,347	5,347	13,131	13,288	13,145	12,828	100.0%	96.5%	97.6%	4.1%
158 Southgate	104	254	3,017	3,122	3,122	8,716	9,019	9,023	8,802	100.0%	97.6%	97.5%	3.3%
159 Grey Highlands	147	338	4,091	4,142	4,142	10,424	10,554	10,464	10,307	100.0%	97.7%	98.5%	3.5%
160 Hanover	139	272	3,445	3,473	3,473	7,967	8,031	7,691	7,608	100.0%	94.7%	98.9%	4.0%
161 Chatsworth	123	249	2,699	2,736	2,725	7,080	7,176	7,095	6,651	99.6%	92.7%	93.7%	4.5%
162 Meaford	213	406	5,035	5,077	5,077	11,485	11,582	11,405	11,279	100.0%	97.4%	98.9%	4.2%
163 Georgian Bluffs	173	361	4,495	4,547	4,558	11,100	11,229	11,178	11,129	100.2%	99.1%	99.6%	3.8%
164 Owen Sound	423	776	9,895	9,940	9,940	21,612	21,712	20,917	20,680	100.0%	95.2%	98.9%	4.3%

† A portion of the counties of Wellington and Peterborough are included in the study area. †† The target sampling rate for Kawartha Lakes was 2.5%.

3 TTS GEOGRAPHIES

Locations captured in the 2022 TTS have been geocoded to a number of geographies, including Region, Planning District, historic municipality, municipal ward, traffic zone, and Statistics Canada standard geographical classifications such as Census Subdivision. Municipal geographies are detailed below.

3.1 Regions

Table 3-1 TTS Regions

Region	Region Name	# of Planning Districts	Planning Districts
0	Not applicable	0	0
1	Toronto	16	1 - 16
2	Durham	8	17 - 24
3	York	9	25 - 33
4	Peel	3	34 - 36
5	Halton	4	37 - 40
6	Hamilton	6	41 - 46
11	Niagara	12	51 - 62
12	Waterloo	7	63 - 69
13	Guelph	1	70
14	Wellington†	4	71 - 79
15	Orangeville	1	80
16	Barrie	1	81
17	Simcoe	16	82 - 88, 127 - 135
18	Kawartha Lakes	1	89
19	Peterborough City	1	103
20	Peterborough County†	5	104 - 111
21	Orillia	1	136
22	Dufferin	7	140 - 146
23	Brantford	1	147
24	Brant	1	124
25	Northumberland	8	148 - 155
26	The Blue Mountains	1	156
27	Grey	8	157 - 164
88	No Usual Location	1	888
98	External, External Undefined	1	998
99	Unknown	1	999

†A portion of the counties of Wellington and Peterborough are included in the study area.

3.2 Planning Districts

TTS Planning Districts are listed below for each Region, along with notes on when certain municipalities amalgamated and on when newer geographies were included in TTS survey cycles. 2022 traffic zones are also listed. PD codes used in previous survey cycles which have been replaced by new PD codes are shaded in grey.

Table 3-2 TTS Planning Districts

	Region	PD	Description	Notes	2022 TZ
	0	0	Not employed or not a student		0
Toronto	1	1	PD 1 of Toronto		1001 - 1095
	1	2	PD 2 of Toronto		1096 - 1138
	1	3	PD 3 of Toronto		1139 - 1191
	1	4	PD 4 of Toronto		1192 - 1236
	1	5	PD 5 of Toronto		1237 - 1262
	1	6	PD 6 of Toronto		1263 - 1303
	1	7	PD 7 of Toronto		1304 - 1319
	1	8	PD 8 of Toronto		1320 - 1374
	1	9	PD 9 of Toronto		1375 - 1404
	1	10	PD 10 of Toronto		1405 - 1446
	1	11	PD 11 of Toronto		1447 - 1492
	1	12	PD 12 of Toronto		1493 - 1512
	1	13	PD 13 of Toronto		1513 - 1569
	1	14	PD 14 of Toronto		1570 - 1587
	1	15	PD 15 of Toronto		1588 - 1607
	1	16	PD 16 of Toronto		1608 - 1659
Durham	2	17	Brock		2322 - 2334
	2	18	Uxbridge		2311 - 2321
	2	19	Scugog		2293 - 2310
	2	20	Pickering		2001 - 2056
	2	21	Ajax		2057 - 2098
	2	22	Whitby		2099 - 2155
	2	23	Oshawa		2156 - 2225
	2	24	Clarington		2226 - 2292
York	3	25	Georgina		3539 - 3565
	3	26	East Gwillimbury		3503 - 3538
	3	27	Newmarket		3425 - 3457
	3	28	Aurora		3394 - 3424

	Region	PD	Description	Notes	2022 TZ
	3	29	Richmond Hill		3174 - 3252
	3	30	Whitchurch-Stouffville		3482 - 3502
	3	31	Markham		3253 - 3393
	3	32	King		3458 - 3481
	3	33	Vaughan		3001 - 3173
Peel	4	34	Caledon		4001 - 4077
	4	35	Brampton		4078 - 4353
	4	36	Mississauga		4354 - 4753
Halton	5	37	Halton Hills		5423 - 5488
	5	38	Milton		5308 - 5422
	5	39	Oakville		5151 - 5307
	5	40	Burlington		5001 - 5150
Hamilton	6	41	Flamborough PD		6001 - 6027
	6	42	Dundas PD		6028 - 6038
	6	43	Ancaster PD		6039 - 6061
	6	44	Glanbrook PD		6062 - 6100
	6	45	Stoney Creek PD		6101 - 6140
	6	46	Hamilton PD		6141 - 6265
	Note: the Hamilton Planning Districts were municipalities that amalgamated with Hamilton in 2001				
Niagara	11	51	Grimsby	starting from 1996	11001 - 11026
	11	52	Lincoln	starting from 1996	11027 - 11057
	11	53	Pelham	starting from 1996	11058 - 11080
	11	54	Niagara-on-the-Lake	starting from 1996	11081 - 11108
	11	55	St. Catharines	starting from 1996	11109 - 11236
	11	56	Thorold	starting from 1996	11237 - 11265
	11	57	Niagara Falls	starting from 1996	11266 - 11357
	11	58	Welland	starting from 1996	11358 - 11412
	11	59	Port Colborne	starting from 1996	11413 - 11435
	11	60	Fort Erie	starting from 1996	11436 - 11472
	11	61	West Lincoln	starting from 1996	11473 - 11497
	11	62	Wainfleet	starting from 1996	11498 - 11503
Waterloo	12	63	Waterloo	starting from 1996 (exc. 2001)	12001 - 12106
	12	64	Kitchener	starting from 1996 (exc. 2001)	12107 - 12272
	12	65	Cambridge	starting from 1996 (exc. 2001)	12273 - 12398
	12	66	North Dumfries	starting from 1996 (exc. 2001)	12399 - 12448

	Region	PD	Description	Notes	2022 TZ
	12	67	Wilmot	starting from 1996 (exc. 2001)	12449 - 12485
	12	68	Wellesley	starting from 1996 (exc. 2001)	12486 - 12509
	12	69	Woolwich	starting from 1996 (exc. 2001)	12510 - 12578
Guelph	13	70	Guelph City	starting from 1996	13001 - 13207
Wellington	14	71	Puslinch	starting from 1996	14001 - 14018
	14	72	Guelph/Eramosa	starting from 1996 Guelph Twp. (prior to 2006)	14019 - 14052
	14	73	Centre Wellington	Starting from 1996 Pilkington (prior to 2006)	14053 - 14069
	14	74	Elora	prior to 2006	
	14	75	Nichol	prior to 2006	
	14	76	Fergus	prior to 2006	
	14	77	West Garafraxa	prior to 2006	
	14	78	Eramosa	prior to 2006	
	14	79	Erin	starting from 1996	14070 - 14080
	Note: Wellington County townships were formed through amalgamation in 1999				
Orangeville	15	80	Orangeville	starting from 1996	15001 - 15005
Barrie	16	81	Barrie	starting from 1996	16001 - 16245
Simcoe	17	82	Innisfil	starting from 1996	17001 - 17024
	17	83	Bradford-West Gwillimbury	starting from 1996	17025 - 17061
	17	84	New Tecumseth	starting from 1996	17062 - 17083
	17	85	Adjala-Tosorontio	starting from 1996	17084 - 17098
	17	86	Essa/CFB Borden	starting from 1996	17099 - 17117
	17	87	Clearview	starting from 1996	17118 - 17151
	17	88	Springwater	starting from 1996	17152 - 17185
	17	127	Collingwood	starting from 1996	17186 - 17202
	17	128	Wasaga Beach	starting from 1996	17203 - 17217
	17	129	Tiny & Christian Island	starting from 1996	17218 - 17231
	17	130	Penetanguishene	starting from 1996	17232 - 17234
	17	131	Midland	starting from 1996	17235 - 17244
	17	132	Tay	starting from 1996	17245 - 17250
	17	133	Oro-Medonte	starting from 1996	17251 - 17287
	17	134	Severn	starting from 1996	17288 - 17 300
	17	135	Ramara & Chippewas of Rama First Nation	starting from 1996	17301 - 17313
	Note: Simcoe was partially covered in 1996				

	Region	PD	Description	Notes	2022 TZ
City of Kawartha Lakes	18	89	Kawartha Lakes	starting from 1996 Lindsay (1996 only) amalgamation in 2001	18001 - 18016
		90	Ops	1996 only	
		91	Manvers	1996 only	
		92	Mariposa	1996 only	
		93	Eldon	1996 only	
		94	Carden	1996 only	
		95	Dalton	1996 only	
		96	L-D-L	1996 only	
		97	Somerville	1996 only	
		98	Bexley	1996 only	
		99	Fenelon	1996 only	
		100	Verulam	1996 only	
		101	Bobcageon	1996 only	
		102	Emily	1996 only	
City of Peterborough	19	103	Peterborough City	starting from 1996	19001 - 19250
Peterborough County	20	104	Cavan Monaghan	starting from 1996	20001 - 20015
	20	106	Otonabee-South Monaghan	starting from 1996	20016 - 20049
	20	108	Asphodel-Norwood	starting from 1996	20050 - 20058
	20	109	Douro-Dummer	starting from 1996	20059 - 20074
	20	111	Selwyn	starting from 1996	20075 - 20116
	Note: Peterborough County townships were formed through amalgamation in 2001				
Orillia	21	136	Orillia	starting from 2001	21001 - 21008
Dufferin	22	140	Mulmur	starting from 2006	22001
	22	141	Shelburne	starting from 2006	22002
	22	142	Amaranth	starting from 2006	22003
	22	143	Melancthon	starting from 2006	22004
	22	144	Mono	starting from 2006	22005
	22	145	Grand Valley	starting from 2006	22006
	22	146	East Garafraxa	starting from 2006	22007
Brantford	23	147	Brantford	starting from 2006	23001 - 23050
Brant	24	124	Brant County	starting from 2006	24001 - 24010
Northumberland	25	113	Northumberland County	prior to 2022	
	25	148	Brighton	new in 2022	25188 - 25217

	Region	PD	Description	Notes	2022 TZ
	25	149	Cramahe	new in 2022	25153 - 25187
	25	150	Hamilton (town of)	new in 2022	25045 - 25085
	25	151	Port Hope	new in 2022	25001 - 25044
	25	152	Cobourg	new in 2022	25086 - 25117
	25	153	Alnwick/Haldimand	new in 2022	25118 - 25151
	25	154	Alderville First Nation	new in 2022	25152 - 25152
	25	155	Trent Hills	new in 2022	25218 - 25264
Blue Mountains	26	156	Town of The Blue Mountains	new in 2022, previously part of PD 120 Grey County	26001 - 26006
Grey	27	120	Grey County	prior to 2022	
	27	157	West Grey	new in 2022	27001 - 27010
	27	158	Southgate	new in 2022	27011 - 27016
	27	159	Grey Highlands	new in 2022	27017 - 27025
	27	160	Hanover	new in 2022	27026 - 27030
	27	161	Chatsworth	new in 2022	27031 - 27036
	27	162	Meaford	new in 2022	27037 - 27046
	27	163	Georgian Bluffs	new in 2022	27047 - 27055
	27	164	Owen Sound	new in 2022	27056 - 27069
No usual loc'n	88	888	No Usual Location		88888
External	98	998	External Undefined		99998
	98	114	Rest of Peterborough County		98001
	98	115	Hastings County		98002
	98	116	Haliburton County		98003
	98	117	Muskoka District		98004
	98	121	Rest of Wellington County		98005
	98	122	Perth County		98006
	98	123	Oxford County		98007
	98	125	Haldimand-Norfolk County		98008
	98	126	Bruce and Huron Counties		98009 - 98010
Unknown	99	999	Unknown		99999

3.3 Local Municipalities

Table 3-3 Local Municipalities

Municipality Code	Description
1	Old Toronto*
2	East York*
3	York*
4	North York*
5	Etobicoke*
6	Scarborough*
17	Brock
18	Uxbridge
19	Scugog
20	Pickering
21	Ajax
22	Whitby
23	Oshawa
24	Clarington
25	Georgina
26	East Gwillimbury
27	Newmarket
28	Aurora
29	Richmond Hill
30	Whitchurch-Stouffville
31	Markham
32	King
33	Vaughan
34	Caledon
35	Brampton
36	Mississauga
37	Halton Hills
38	Milton
39	Oakville
40	Burlington
41	Flamborough*
42	Dundas*
43	Ancaster*

Municipality Code	Description
44	Glanbrook*
45	Stoney Creek*
46	Hamilton*
51	Grimsby
52	Lincoln
53	Pelham
54	Niagara-on-the-Lake
55	St. Catharines
56	Thorold
57	Niagara Falls
58	Welland
59	Port Colbourne
60	Fort Erie
61	West Lincoln
62	Wainfleet
63	Waterloo
64	Kitchener
65	Cambridge
66	North Dumfries
67	Wilmot
68	Wellesley
69	Woolwich
70	Guelph
71	Puslinch
72	Guelph/Eramosa
73	Centre Wellington
79	Erin
80	Orangeville
81	Barrie
82	Innisfil
83	Bradford West Gwillimbury
84	New Tecumseth
85	Adjala-Tosorontio
86	CFB Borden
87	Clearview

Municipality Code	Description
88	Springwater
89	Kawartha Lakes
103	Peterborough
104	Cavan-Monaghan
106	Otonabee-South Monaghan
108	Asphodel-Norwood
109	Douro-Dummer
111	Selwyn
124	Brant
127	Collingwood
128	Wasaga Beach
129	Tiny
130	Penetanguishene
131	Midland
132	Tay
133	Oro-Medonte
134	Severn
135	Ramara
136	Orillia
140	Mulmur
141	Shelburne
142	Amaranth
143	Melancthon
144	Mono
145	Grand Valley
146	East Garafraxa
147	Brantford
148	Brighton
149	Cramahe
150	Hamilton
151	Port Hope
152	Cobourg
153	Alnwick/Haldimand
154	Alderville First Nation
155	Trent Hills

Municipality Code	Description
156	The Blue Mountains
157	West Grey
158	Southgate
159	Grey Highlands
160	Hanover
161	Chatsworth
162	Meaford
163	Georgian Bluffs
164	Owen Sound
888	No fixed workplace
998	External undefined
999	Unknown

* Municipalities marked with an asterisk are historic municipalities in Toronto and in Hamilton that existed prior to each current city's amalgamation.

3.4 Wards

Table 3-4 Municipal Wards

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
1	Toronto Ward 01	Toronto	Toronto	1
2	Toronto Ward 02	Toronto	Toronto	2
3	Toronto Ward 03	Toronto	Toronto	3
4	Toronto Ward 04	Toronto	Toronto	4
5	Toronto Ward 05	Toronto	Toronto	5
6	Toronto Ward 06	Toronto	Toronto	6
7	Toronto Ward 07	Toronto	Toronto	7
8	Toronto Ward 08	Toronto	Toronto	8
9	Toronto Ward 09	Toronto	Toronto	9
10	Toronto Ward 10	Toronto	Toronto	10
11	Toronto Ward 11	Toronto	Toronto	11
12	Toronto Ward 12	Toronto	Toronto	12
13	Toronto Ward 13	Toronto	Toronto	13
14	Toronto Ward 14	Toronto	Toronto	14
15	Toronto Ward 15	Toronto	Toronto	15
16	Toronto Ward 16	Toronto	Toronto	16
17	Toronto Ward 17	Toronto	Toronto	17
18	Toronto Ward 18	Toronto	Toronto	18
19	Toronto Ward 19	Toronto	Toronto	19
20	Toronto Ward 20	Toronto	Toronto	20
21	Toronto Ward 21	Toronto	Toronto	21
22	Toronto Ward 22	Toronto	Toronto	22
23	Toronto Ward 23	Toronto	Toronto	23
24	Toronto Ward 24	Toronto	Toronto	24
25	Toronto Ward 25	Toronto	Toronto	25
26	Brock Ward 01	Durham	Brock	1
27	Brock Ward 02	Durham	Brock	2
28	Brock Ward 03	Durham	Brock	3
29	Brock Ward 04	Durham	Brock	4
30	Brock Ward 05	Durham	Brock	5
31	Uxbridge Ward 01	Durham	Uxbridge	1

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
32	Uxbridge Ward 02	Durham	Uxbridge	2
33	Uxbridge Ward 03	Durham	Uxbridge	3
34	Uxbridge Ward 04	Durham	Uxbridge	4
35	Uxbridge Ward 05	Durham	Uxbridge	5
36	Scugog Ward 01	Durham	Scugog	1
37	Scugog Ward 02	Durham	Scugog	2
38	Scugog Ward 03	Durham	Scugog	3
39	Scugog Ward 04	Durham	Scugog	4
40	Scugog Ward 05	Durham	Scugog	5
41	Pickering Ward 01	Durham	Pickering	1
42	Pickering Ward 02	Durham	Pickering	2
43	Pickering Ward 03	Durham	Pickering	3
44	Ajax Ward 01	Durham	Ajax	1
45	Ajax Ward 02	Durham	Ajax	2
46	Ajax Ward 03	Durham	Ajax	3
47	Whitby Ward 01	Durham	Whitby	1
48	Whitby Ward 02	Durham	Whitby	2
49	Whitby Ward 03	Durham	Whitby	3
50	Whitby Ward 04	Durham	Whitby	4
51	Oshawa Ward 01	Durham	Oshawa	1
52	Oshawa Ward 02	Durham	Oshawa	2
53	Oshawa Ward 03	Durham	Oshawa	3
54	Oshawa Ward 04	Durham	Oshawa	4
55	Oshawa Ward 05	Durham	Oshawa	5
56	Clarington Ward 01	Durham	Clarington	1
57	Clarington Ward 02	Durham	Clarington	2
58	Clarington Ward 03	Durham	Clarington	3
59	Clarington Ward 04	Durham	Clarington	4
60	Georgina Ward 01	York	Georgina	1
61	Georgina Ward 02	York	Georgina	2
62	Georgina Ward 03	York	Georgina	3
63	Georgina Ward 04	York	Georgina	4
64	Georgina Ward 05	York	Georgina	5
65	East Gwillimbury Ward 01	York	East Gwillimbury	1
66	East Gwillimbury Ward 02	York	East Gwillimbury	2

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
67	East Gwillimbury Ward 03	York	East Gwillimbury	3
68	Newmarket Ward 01	York	Newmarket	1
69	Newmarket Ward 02	York	Newmarket	2
70	Newmarket Ward 03	York	Newmarket	3
71	Newmarket Ward 04	York	Newmarket	4
72	Newmarket Ward 05	York	Newmarket	5
73	Newmarket Ward 06	York	Newmarket	6
74	Newmarket Ward 07	York	Newmarket	7
75	Aurora Ward 01	York	Aurora	1
76	Aurora Ward 02	York	Aurora	2
77	Aurora Ward 03	York	Aurora	3
78	Aurora Ward 04	York	Aurora	4
79	Aurora Ward 05	York	Aurora	5
80	Aurora Ward 06	York	Aurora	6
81	Richmond Hill Ward 01	York	Richmond Hill	1
82	Richmond Hill Ward 02	York	Richmond Hill	2
83	Richmond Hill Ward 03	York	Richmond Hill	3
84	Richmond Hill Ward 04	York	Richmond Hill	4
85	Richmond Hill Ward 05	York	Richmond Hill	5
86	Richmond Hill Ward 06	York	Richmond Hill	6
87	Whitchurch-Stouffville Ward 01	York	Whitchurch-Stouffville	1
88	Whitchurch-Stouffville Ward 02	York	Whitchurch-Stouffville	2
89	Whitchurch-Stouffville Ward 03	York	Whitchurch-Stouffville	3
90	Whitchurch-Stouffville Ward 04	York	Whitchurch-Stouffville	4
91	Whitchurch-Stouffville Ward 05	York	Whitchurch-Stouffville	5
92	Whitchurch-Stouffville Ward 06	York	Whitchurch-Stouffville	6
93	Markham Ward 01	York	Markham	1
94	Markham Ward 02	York	Markham	2
95	Markham Ward 03	York	Markham	3
96	Markham Ward 04	York	Markham	4
97	Markham Ward 05	York	Markham	5
98	Markham Ward 06	York	Markham	6
99	Markham Ward 07	York	Markham	7
100	Markham Ward 08	York	Markham	8
101	King Ward 01	York	King	1

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
102	King Ward 02	York	King	2
103	King Ward 03	York	King	3
104	King Ward 04	York	King	4
105	King Ward 05	York	King	5
106	King Ward 06	York	King	6
107	Vaughan Ward 01	York	Vaughan	1
108	Vaughan Ward 02	York	Vaughan	2
109	Vaughan Ward 03	York	Vaughan	3
110	Vaughan Ward 04	York	Vaughan	4
111	Vaughan Ward 05	York	Vaughan	5
112	Caledon Ward 01	Peel	Caledon	1
113	Caledon Ward 02	Peel	Caledon	2
114	Caledon Ward 03	Peel	Caledon	3
115	Caledon Ward 04	Peel	Caledon	4
116	Caledon Ward 05	Peel	Caledon	5
117	Caledon Ward 06	Peel	Caledon	6
118	Brampton Ward 01	Peel	Brampton	1
119	Brampton Ward 02	Peel	Brampton	2
120	Brampton Ward 03	Peel	Brampton	3
121	Brampton Ward 04	Peel	Brampton	4
122	Brampton Ward 05	Peel	Brampton	5
123	Brampton Ward 06	Peel	Brampton	6
124	Brampton Ward 07	Peel	Brampton	7
125	Brampton Ward 08	Peel	Brampton	8
126	Brampton Ward 09	Peel	Brampton	9
127	Brampton Ward 10	Peel	Brampton	10
128	Mississauga Ward 01	Peel	Mississauga	1
129	Mississauga Ward 02	Peel	Mississauga	2
130	Mississauga Ward 03	Peel	Mississauga	3
131	Mississauga Ward 04	Peel	Mississauga	4
132	Mississauga Ward 05	Peel	Mississauga	5
133	Mississauga Ward 06	Peel	Mississauga	6
134	Mississauga Ward 07	Peel	Mississauga	7
135	Mississauga Ward 08	Peel	Mississauga	8
136	Mississauga Ward 09	Peel	Mississauga	9

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
137	Mississauga Ward 10	Peel	Mississauga	10
138	Mississauga Ward 11	Peel	Mississauga	11
139	Halton Hills Ward 01	Halton	Halton Hills	1
140	Halton Hills Ward 02	Halton	Halton Hills	2
141	Halton Hills Ward 03	Halton	Halton Hills	3
142	Halton Hills Ward 04	Halton	Halton Hills	4
143	Milton Ward 01	Halton	Milton	1
144	Milton Ward 02	Halton	Milton	2
145	Milton Ward 03	Halton	Milton	3
146	Milton Ward 04	Halton	Milton	4
147	Oakville Ward 01	Halton	Oakville	1
148	Oakville Ward 02	Halton	Oakville	2
149	Oakville Ward 03	Halton	Oakville	3
150	Oakville Ward 04	Halton	Oakville	4
151	Oakville Ward 05	Halton	Oakville	5
152	Oakville Ward 06	Halton	Oakville	6
153	Oakville Ward 07	Halton	Oakville	7
154	Burlington Ward 01	Halton	Burlington	1
155	Burlington Ward 02	Halton	Burlington	2
156	Burlington Ward 03	Halton	Burlington	3
157	Burlington Ward 04	Halton	Burlington	4
158	Burlington Ward 05	Halton	Burlington	5
159	Burlington Ward 06	Halton	Burlington	6
160	Hamilton Ward 01	Hamilton	Hamilton	1
161	Hamilton Ward 02	Hamilton	Hamilton	2
162	Hamilton Ward 03	Hamilton	Hamilton	3
163	Hamilton Ward 04	Hamilton	Hamilton	4
164	Hamilton Ward 05	Hamilton	Hamilton	5
165	Hamilton Ward 06	Hamilton	Hamilton	6
166	Hamilton Ward 07	Hamilton	Hamilton	7
167	Hamilton Ward 08	Hamilton	Hamilton	8
168	Hamilton Ward 09	Hamilton	Hamilton	9
169	Hamilton Ward 10	Hamilton	Hamilton	10
170	Hamilton Ward 11	Hamilton	Hamilton	11
171	Hamilton Ward 12	Hamilton	Hamilton	12

TTS Ward Code	Ward Description	Region	Municipality	Municipal Ward
172	Hamilton Ward 13	Hamilton	Hamilton	13
173	Hamilton Ward 14	Hamilton	Hamilton	14
174	Hamilton Ward 15	Hamilton	Hamilton	15
777	Within study area, outside GTHA			
888	No fixed workplace			
998	External undefined			
999	Unknown			

3.5 Geocoding-Related Fields

Each location captured has the accompanying fields indicating how the location was captured and the precision of the returned search result and coordinates.

Table 3-5 Method of location capture (gmth)

gmth Code	Description
0	Not applicable (no location captured)
1	Autocomplete (search)
2	Geocoded from address
3	Double-Click (map interaction)
4	Drag&Drop (map interaction)
7	School selected from list
8	Manually changed by coder (post-processing)

Table 3-6 Precision of location captured (gtyp)

gtyp Code	Description
0	Not applicable (no location captured)
1	Full Address
2	Intersection
3	Landmark
4	Postal Code
5	Neighbourhood
6	Address Range
7	Street Name
8	FSA
9	Town/municipality
11	Street Address (Google)
12	Intersection (Google)
13	POI (Google)
14	Postal Code (Google)
15	Neighborhood (Google)
16	Route/Street Name (Google)
17	Locality (Google)
18	Transit Station
19	Unclear Google Accuracy
20	Plus Code (Google)
90	Geocoding method not recorded
91	Flagged as Unk/UC but has coordinates
98	Outside Study Area
99	Location Unknown / Uncode-able / Accuracy unknown

4 TRAFFIC ZONES

The following table illustrates the correspondence between the traffic zone systems in 2001, 2006, and 2022 versions. The 2022 survey data are coded to both the new 2022 and older 2006 traffic zone systems, with respective field name prefixes of tts_ and gta06.

Table 4-1 Survey Area Zone Numbering

Region	Agency	2001 TZ	2006 TZ	2022 TZ
0	Not applicable	0	0	0
1	Toronto	1 - 481	1 - 625	1001 - 1659
2	Durham	501 - 765	1001 - 1334	2001 - 2334
3	York	1001 - 1353	2001 - 2877	3001 - 3565
4	Peel	1501 - 1753	3001 - 3879	4001 - 4753
5	Halton	2001 - 2197 (no 2146)	4001 - 4197	5001 - 5488
6	Hamilton	2501 - 2670 (no 2657)	5001 - 5253	6001 - 6265
11	Niagara	3001 - 3087	6001 - 6366	11001 - 11503
12	Waterloo	3201 - 3499	7001 - 7576	12001 - 12578
13	Guelph	3601 - 3650	8001 - 8207	13001 - 13207
14	Wellington†	3707 - 3716	8301 - 8380	14001 - 14080
15	Orangeville	3721 - 3726	8401 - 8405	15001 - 15005
22	Dufferin	3717-3720, 3727 - 3729	8411 - 8417	22001 - 22007
16	Barrie	3801 - 3832	8501 - 8532	16001 - 16245
17	Simcoe	3741 - 3793	8551 - 8667	17001 - 17313
21	Orillia	3731 - 3735	8681 - 8685	21001 - 21008
18	Kawartha Lakes	3841 - 3857	8701 - 8717	18001 - 18016
19	Peterborough City	3901 - 3925	8801 - 8825	19001 - 19250
20	Peterborough County†	3871 - 3875	8851 - 8855	20001 - 20116
23	Brantford	3501 - 3549	8901 - 8949	23001 - 23050
24	Brant	3550 - 3560	8950 - 8960	24001 - 24010
25	Northumberland	3931 - 3946	9001 - 9016	25001 - 25264
26	The Blue Mountains	-	9053	26001 - 26006
27	Grey	-	9053	27001 - 27069
98	External	3947 - 3998	9017 - 9052, 9054 - 9069	90001 - 90010
98	External Undefined	4000	9998	99998
88	No Usual Location	8888	8888	88888
99	Unknown	9999	9999	99999

†Only a portion of the counties of Wellington and Peterborough are included in the study area.

'0' and '8888' are used where a traffic zone specification is not applicable. Individuals who are not employed or are not students are assigned a zone code of '0' in the applicable zone field. Individuals who have no usual place of work or school are assigned the code of '8888' in the zone field.

'9998' (external undefined) identifies points that are external to the zone system. It may be noted that the traffic zone coding system extends beyond the 2022 TTS study area to include some municipalities in nearby areas (zones 90001-90010), which are detailed in the next table.

'9999' identifies points that are unknown.

Table 4-2 External Municipality Zone Numbering

Region	PD	Name	2001 TZ	2006 TZ	2022 TZ
Planning District 114					
Rest of Peterborough County					
98	114	Havelock-Belmont-Methuen	3947, 3948	9017	98001
98	114	North Kawartha	3949, 3950	9020	98001
98	114	Trent Lakes	3951, 3952	9021	98001
Planning District 115					
98	115	Hastings County	3960	9030	98002
Planning District 116					
98	116	Haliburton County	3961	9031	98003
Planning District 117					
98	117	Muskoka District	3962	9032	98004
Planning District 121					
Rest of Wellington County					
98	121	Wellington North	3984	9054	98005
98	121	Minto	3987	9057	98005
98	121	Mapleton	3991	9061	98005
Planning District 122					
98	122	Perth County	3996	9066	98006
Planning District 123					
98	123	Oxford County	3995	9065	98007
Planning District 125					
98	125	Haldimand-Norfolk County	3998	9068	98008
Planning District 126					
Bruce and Huron Counties					
98	126	Huron County	4000	9069	98009
98	126	Bruce County	4000	9069	98010

5 TTS DATABASES

5.1 Household Attributes

The following data were collected or calculated from the TTS for each household that was surveyed in 2022. The attributes and categories are the same for all surveys unless noted otherwise.

Table 5-1 Household Attributes

Household Attributes

Field	Description	Values
Survey Info		
hhld_num	Unique numeric ID for household	6-digit number between 100001 and 300000
sampletype	Sample type	1 Address and phone 2 Address-only 7 Volunteer sample
surveymethod	How survey was completed	1 Telephone 2 Online 3 Mobile 4 Mixed Mode (Online/Phone) 5 Mixed Mode (Mobile/Phone) 6 Mixed Mode (Online/Mobile)
rec_mail	Text version of the receivedmail for alignment with 2016 response code convention	N No Y Yes 9 Unknown
language	Official language of survey completion recorded in system. Note: may not be accurate if the interviewer or online respondent completed the survey in one language but then toggled the language mode at the end.	In 2022: 1 French 2 English Previous cycles: C Cantonese E English F French G Greek I Italian M Mandarin O Other P Portuguese R Russian

Household Attributes

Field	Description	Values
		S Spanish
Home Location		
region_hhld	TTS Regions	See list in Geography section
mun_hhld	TTS Municipal Areas	See list in Geography section
pd_hhld	TTS Planning Districts	See list in Geography section
tts22_hhld	TAZ transportation analysis zones	See lookup table in database
gta06_hhld	2006 TAZ	See lookup table in database
ward_hhld	Municipal Wards	See list in Geography section
Household Characteristics		
n_person	Number of persons normally living in household. In cases of split custody, the instruction was to include children only if they were present in the household for the Travel Day. 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person attributes.	1-11 (2022) 1-16 (1996-2016) 1-10 (1986) 99 Unknown
dwel_type	Type of dwelling Note: 'Other, specify responses' are all recoded to one of the three main categories.	1 House 2 Apartment 3 Townhouse (starting 1996) 4 Other, specify 9 Unknown
income	Total household income (considering all sources, before income taxes). Added in the 2016 cycle. The 2016 income ranges with codes 1 to 6 (for \$0-\$14K, \$15-\$39K, \$40-\$59K, \$100-\$124K, and \$125+, respectively) do not match the 2022 income ranges.	1 \$0 to \$14,999 2 \$15,000 to \$39,999 3 \$40,000 to \$59,999 4 \$60,000 to \$79,999 5 \$80,000 to \$99,999 6 \$100,000 to \$124,999 7 \$125,000 to \$149,999 8 \$150,000 to \$199,999 9 \$200,000 and above 99 Decline / don't know
incomegrp	If initially refused household income, ask broader range	1 \$0 to \$39,999 2 \$40,000 to \$79,999 3 \$80,000 to \$124,999

Household Attributes

Field	Description	Values
	If the respondent provided a response to the initial detailed income range question, the broad range has been assigned based on that response.	4 \$125,000 and above 99 Decline / don't know
hhbornincanada	Whether all members of the household were born in Canada. (New question in 2022.)	1 Yes 2 No 99 Decline / don't know
hhstructure	Variable derived from counts of persons of different ages that identifies the household/family structure of the household. (New derived field in 2022.)	1 single person 2 two adults, no children 3 three or more adults, no children 4 single parent, one or more children 0-17 yrs 5 two adults, one or more children 0-17 yrs 6 three or more adults, one or more children 0-17 yrs 99 unsure
n_vehicle	Number of vehicles available to the household Includes: vehicles provided by employers which household members use to go to work or for personal use, or which self-employed household members use for their own business and personal use. Excludes: motorcycles/scooters, bicycles, ATVs, RVs, vehicles not insured to be on the road, or car share vehicles.	0 - 98 99 Unknown
n_adult	Number of adults in the household (18 years of age and older) (New derived field in 2022.)	0 - 98 99 Unknown
n_child	Number of children in the household (0 to 17 years old) (New derived field in 2022.)	0 - 98 99 Unknown
n_senior	Number of seniors in the household (65+ years old) (New derived field in 2022.)	0 - 98 99 Unknown

Household Attributes

Field	Description	Values
n_licence	Number of people in household who have a driver's licence. 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person attributes. This attribute should only be used as a filter for 2011 tabulations.	0 - 98 99 Unknown
n_tranpass	Number of people in household with a transit pass. (New derived field in 2022.)	0 - 98 99 Unknown
n_emp_tot	Number of employed people in household. (New derived field in 2022.)	0 - 98 99 Unknown
n_emp_ft	Number of full-time employed people in household. Starting from 1996: it includes full time work at home persons. Prior to 1996: it does not include any work at home persons. 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person attributes. This attribute should only be used as a filter for 2011 tabulations.	0 - 98 99 Unknown
n_emp_pt	Number of part-time employed people in household. Starting from 1996: it includes part time work at home persons. Prior to 1996: it does not include any work at home persons. 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person	0 - 98 99 Unknown

Household Attributes

Field	Description	Values
	attributes. This attribute should only be used as a filter for 2011 tabulations.	
n_emp_home	Number of employed people in the household who work exclusively from home. 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person attributes. This attribute should only be used as a filter for 2011 tabulations.	0 - 98 99 Unknown
n_emp_hft	Number of full-time employed people in the household who work exclusively from home (New derived field in 2022.)	0 - 98 99 Unknown
n_emp_hpt	Number of part-time employed people in the household who work exclusively from home (New derived field in 2022.)	0 - 98 99 Unknown
n_student	Number of students in household (incl. both full time and part time). 2011 TTS only: The expanded value of this attribute might not match the expanded value based on person attributes. This attribute should only be used as a filter for 2011 tabulations.	0 - 98 99 Unknown
n_stu_k12	Number of students in household who are children attending K-12 school. If school level is not known, inclusion in this category is based on student ages 5-17 years. (New derived field in 2022.)	0 - 98 99 Unknown
n_stu_pse	Number of students in household who are attending post-secondary education (PSE) or other courses at a school other than a K-12 school. If school level is unknown, inclusion in based on student ages 18+ years.	0 - 98 99 Unknown

Household Attributes

Field	Description	Values
	Note: Not all in this category are necessarily taking post-secondary education. Some may be taking continuing education/training courses, adult basic education, or high school equivalency at schools other than K-12 schools. (New derived field in 2022.)	
Travel Day		
trip_day	Day of week of data collection	1 Monday 2 Tuesday 3 Wednesday 4 Thursday 5 Friday 9 Unknown (1986, 1991)
trip_week	Week into survey administration when trip data were collected	1 September 13, 2022 (Tuesday) 2 September 19, 2022 3 September 26, 2022 4 October 3, 2022 5 October 11, 2022 (Tuesday) 6 October 17, 2022 7 October 24, 2022 8 October 31, 2022 9 November 7, 2022 * 10 November 14, 2022 11 November 21, 2022 12 November 28, 2022 13 December 5, 2022 14 December 12, 2022 15 December 19, 2022 ** 16 no data collection *** 17 January 3, 2023 (Tuesday) 18 January 9, 2023 19 January 16, 2023 20 January 23, 2023 21 January 30, 2023 22 February 6, 2023 23 February 13, 2023 24 February 21, 2023 (Tuesday) 25 February 27, 2023 26 March 6, 2023

Household Attributes

Field	Description	Values
		27 March 13, 2023 28 March 20, 2023 29 March 27, 2023 30 April 3, 2023 **** 31 April 10, 2023 32 April 17, 2023 33 April 24, 2023 34 May 1, 2023 35 May 8, 2023 36 May 15, 2023 37 May 23, 2023 (Tuesday) 38 May 29, 2023 39 June 5, 2023 40 June 12, 2023 41 June 19, 2023 42 June 26, 2023 43 July 4, 2023 (Tuesday) 44 July 10, 2023 45 July 17, 2023 46 July 24, 2023 * Week starting Nov 7 was a short week (Monday to Thursday only due to Remembrance Day) ** Week starting Dec 19 was a short week (Monday only due to end of fall data collection) *** Data collection was suspended Dec20-Jan2, so there are no surveys in week 16 *** Week starting April 3 was a short week (ended Thursday due to Good Friday)
trip_period	Whether the travel day was in the Fall or Spring data collection period. Note that the Spring period includes a modest number of survey completions obtained between January and March for households that were mailed letters in the	1 Fall 3 Spring

Household Attributes

Field	Description	Values
	Fall and that very late to respond or which were partial completions with follow-up. New field in 2022.	
n_pers11up	Number of people in household who are at least 11 years of age. Only for use in comparisons to previous cycles which captured trip information only for persons 11+ years of age. (New derived field in 2022.)	0 - 98 99 Unknown
n_hh11_trip	Number of trips reported for people in household who are at least 11 years of age. Only for use in comparisons to previous cycles which captured trip information only for persons 11+years of age. <u>Not</u> filtered to exclude walk trips that would not have been collected under 2016 TTS parameters. (New derived field in 2022.)	0 - 98 99 Unknown
n_hhld_trip2016	Number of trips that would have been collected under 2016 parameters. Excludes trips made by children 5 to 10 years of age, and excludes non-commute walk trips (unless they are essential links in commute trip chains or in trip chains with other modes or accompany another household member on their commute). (New derived field in 2022.)	0 - 98 99 Unknown
n_pers5up	Number of people in household who are at least 5 years of age and eligible for trip capture	0 - 98 99 Unknown
n_hhld_trip	Total number of trips reported. 2022 data includes trips for all persons 5+ years of age. 1986 data includes trips for all persons 6+ years of age. All other cycles include trips for persons 11+ years of age.	0 - 98 99 Unknown
n_hdrvr_trip	Number of trips via auto driver made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown

Household Attributes

Field	Description	Values
n_hpsgr_trip	Number of trips via auto passenger made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_htran_trip	Total number of transit trips made by household members = sum of GO Train + Joint GO Train/Other Transit + Other-Transit-only trips. (New derived field in 2022.)	0 - 98 99 Unknown
n_hgotr_trip	Number of GO-Train-only trips made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_hjgot_trip	Number of joint GO Train and other transit trips made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_hloct_trip	Number of trips via public transit that did not involve GO Train made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_hbike_trip	Number of cycling and e-micromobility trips made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_hwalk_trip	Number of walking trips made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
n_hothm_trip	Number of trips via other modes made by household members 5+ years. (New derived field in 2022.)	0 - 98 99 Unknown
Household Weighting Factor		
hhld_exp	Household weighting factor to use for analysis. The household weighting factor incorporates a number of weighting controls for household and demographic characteristics beyond the base geographic expansion weight.	

5.2 Person Attributes

The following data were collected or calculated for each person in the households surveyed in 2022. The attributes and categories are the same for all surveys except as noted.

Table 5-2 Person Attributes

Persons attributes

Field	Description	Values
Identifiers		
hhld_num	Household unique numeric ID	A 6-digit unique identifier
pers_num	Person number within the household	1-11
hp_num	Person unique numeric ID	An eight-digit unique identifier composed of [hhld_num][pers_num from 00 to 11]
Demographics		
respond	Respondent status (household member who provided information)	T Respondent F Not a respondent (i.e. information was reported by another member of the household)
sex	Text version of the gender variable for alignment with 2016 response code convention In 2022 onwards, “Men+” = Men and boys plus and a portion of persons who indicated non-binary, preferred to self-describe, or who declined to answer, and “Women+” = women or girls plus and a portion of persons who indicated non-binary, preferred to self-describe, or who declined to answer.	M Men+ (“male” in 2016 and earlier) F Women+ (“female” in 2016 and earlier) 9 Unknown
sex_orig	Survey response to the gender question	1 Male 2 Female 3 Non-binary (starting in 2022) 4 Prefer to self-describe (starting in 2022) 99 Decline
age	Specific age given on the survey, or imputed age if the respondent preferred to give an age range.	0 99 97 Aged 97 and older (1986) 98 Aged 98 and older (starting from 1991)

Persons attributes

Field	Description	Values
		99 Unknown (In 1991 age 1 included all persons under 2 years of age)
age_range	Five-year age range based on age	4 00 to 04 years 509 05 to 09 years 1014 10 to 14 years 1519 15 to 19 years 2024 20 to 24 years 2529 25 to 29 years 3034 30 to 34 years 3539 35 to 39 years 4044 40 to 44 years 4549 45 to 49 years 5054 50 to 54 years 5559 55 to 59 years 6064 60 to 64 years 6569 65 to 69 years 7074 70 to 74 years 7579 75 to 79 years 8084 80 to 84 years 8589 85 to 89 years 9094 90 to 94 years 9599 95+ years
age_orig	Survey response to the age question	0-97 98 98 years of age or older 99 Decline / don't know
age_imputed	A value indicates that the age was imputed within the given age range or age category response. For persons who only gave that their age category was over 65, the age imputation was weighted to reflect the distribution of ages between 65 and 98 in the dataset, and took into consideration workstatus.	0-98 Null not imputed
Transport-Related		
driver_lic	Text version of driverslicence to conform to 2016 version of data	0 Not asked (too young for driver's licence) 9 Don't Know N No Y Yes

Persons attributes

Field	Description	Values
tran_pass	Possession of a transit pass (starting from 1996) Note that the codes differ from previous cycles in that in 2022 this question was asked as a yes/no question, whereas there were various kinds of transit passes listed in 2016. In 2016 and earlier, persons under the age of 11 were not asked this question, and answer was assumed to be no; in 2022, the question was asked of ages 6 and above.	N No Y Yes X Not asked (under 6 years of age) 9 Decline / don't know C Combination or Dual Pass (until 2016) G GO Transit Pass (until 2011) M Metro Pass (until 2016) O Other Agency Pass (until 2016) P Presto (2016 only)
Occupation Status		
occstat	Status of the person's employment, student status and age, combined into a single variable. (New derived field in 2022.)	1 Work full-time (30 or more hours per week) 2 Work part-time (less than 30 hours per week) 10 Student full-time 11 Student full-time and work full-time 12 Student full-time and work part-time 20 Student part-time 21 Student part-time and work full-time 22 Student part-time and work part-time 30 Not employed and not a student 35 Not employed and student status unknown 75 Young school age child but not a student (age between 5 and 13; possible if has a severe disability or if 5 years old in Spring 2023 data collection period and not yet in school) 77 Not applicable 0-4 years
emp_stat	Text version of employment status using 2016 code convention.	F Full time H Work at home full-time J Work at home part-time O Not employed

Persons attributes

Field	Description	Values
	In 1986 a person could be recorded as employed or a student but not both Since 1991, combinations of employment and student status were allowed	P Part time 9 Unknown (Persons under 11 are assumed not to be employed)
stu_stat	Text version of student status using 2016 code convention. In 1986 a person could be recorded as employed or a student but not both. Starting from 1991, combination of employment and student status was allowed	9 Unknown O Not a student P Part-time student S Full-time student (Persons between 0 and 5 are coded as 'not a student') (Up to 2016, persons between 6 and 10 were assumed to be full time students)
Work Information		
occupation2022	Person's occupation type (detailed) (New numeric field for occupation with new responses options in 2022.)	0 Not employed 1 Business, finance, natural and applied sciences 2 health care, education, law, community or social services, art, culture, recreation, and sports occupations 3 Management 4 Technical and Paraprofessional 5 Administration and administrative support 6 Sales 7 Personal service or customer information service 8 Industrial, construction, or equipment operation trade 9 Worker or labourer in transport and construction 10 Natural resources, agriculture and related production operation occupations 11 Occupations in manufacturing and utilities 77 Other 99 Decline / Don't Know

Persons attributes

Field	Description	Values
occupation	Person's broad occupation type (starting in 1996) Text version of occupation type using 2016 code convention Collapses the 2022 occupation types to 2016 types as follows: 1,2,3,4 → P 5 → G 6,7 → S 8,9,10,11 → M 77, 99 → 9 0 → O	9 Unknown G General Office / Clerical M Manufacturing / Construction / Trades O Not employed P Professional / Management / Technical S Retail Sales and Service
workplace	Workplace location type Note that the following clarifications were offered to respondents: "usual workplace": A permanent workplace location outside the home that you travel to for work, whether you go there frequently or only occasionally. "No fixed workplace address": If you regularly work outside the home but do not travel to the same worksite every day, please select "No fixed workplace address". Do not use this option if you work from home all of the time. Do not use this option if you have a fixed workplace address, terminal, or base outside the home that you start or end your day at. Important Notes: For those who work exclusively from home, the workplace coordinates and geocodes (fields that follow below) correspond to the home location. For those who have no fixed workplace address, the workplace coordinates and geocodes have placeholder values to	0 not a worker 1 Work exclusively from home (and does not have a workplace usually traveled to) 3 No fixed workplace address / no usual place of work / work on the road / worksite changes daily 6 Usual workplace away from home (and do not have a workplace [you/PERSON] would usually travel to) 99 Unknown

Persons attributes

Field	Description	Values
	indicate this (codes of “888”, “888888”, etc.) For analysis specifically with respect to the locations of usual workplaces outside the home, it is important to filter out the home workplace locations.	
free_park	Availability of free parking at person’s usual place of work (not in 1986) Text version of workparking to match 2016 code convention.	O Not applicable Y Yes N No 9 Unknown
region_emp	TTS Regions	See list in Geography section
mun_emp	TTS Municipal Areas	See list in Geography section
pd_emp	TTS Planning Districts	See list in Geography section
tts22_emp	TAZ transportation analysis zones	See lookup table in database
gta06_emp	2006 TAZ	See lookup table in database
ward_emp	Municipal Wards	See list in Geography section
School Information		
sch_code	Code for the school response list. (starting from 2001) Some schools may be listed two or more times with variations of the school name. Within the lookup table schoolid and campusid uniquely identify each school location.	0 not a student (in 2022) 0000 Not a student or between 6 and 10 years of age therefore no school recorded (2016 and earlier) ZZZZ home-schooled or distance education (not attend a school outside the home) (Please contact Data Management Group for detailed listing of school codes for the given survey cycle. Codes may not match across different survey cycles)
region_sch	TTS Regions (not in 1986)	See list in Geography section
mun_sch	TTS Municipal Areas (not in 1986)	See list in Geography section
pd_sch	TTS Planning Districts (not in 1986)	See list in Geography section

Persons attributes

Field	Description	Values
tts22_sch	TAZ transportation analysis zones (not in 2016)	See lookup table in database
gta06_sch	2006 TAZ (not in 1986)	See lookup table in database
ward_sch	Municipal Wards (not in 1986)	See list in Geography section
Equity Demographics		
immigration	If immigrated, when did they immigrate (New question in 2022.)	1 Not applicable - Born in Canada / Canadian citizen at birth 2 Immigrated within the last 2 years 3 Immigrated 3 to 5 years ago (2017-2019) 4 Immigrated 5 to 10 years ago (2012-2017) 5 Immigrated 10 to 15 years ago (2007-2012) 6 Immigrated more than 15 years ago (2006 or earlier) 77 Not applicable - Not a permanent resident or citizen of Canada (student visa, visitor, other status) 99 Prefer not to say / don't know
ethnicity	Person's ethnic or cultural origin. This is a single variable derived from the responses to the question on ethnic or cultural origin. Multiple responses were possible, and were captured in the set of dichotomous fields listed below. If a respondent selected more than one response, in this single variable here, the person was assigned one of the multiple-responses codes (codes 61 through 66). The multiple-responses codes were created for the most common combinations and to provide an aggregate count of persons of Indigenous cultural origin for cross-referencing against Census counts of indigenous people.	1 African 2 Asian - East Asian 3 Asian - Southeast Asian 4 Asian - South Asian 5 Caribbean 6 Indigenous 7 Latin, Central and South American 8 Middle Eastern/North African 9 Oceanian 10 European 11 Canadian 12 American 13 Jewish 61 Canadian or American + European + no other selected 65 Indigenous + other ethnic or cultural origins

Persons attributes

Field	Description	Values
	American and Jewish were not response categories on the survey, however each had more than 500 mentions in the other-specify responses, so new codes were created. (This derived field and the related individual response indicator fields that follow below are new in 2022.)	66 Multiple ethnic or cultural origins selected other than 'Canadian or American + European' or 'Indigenous + any other category' 77 Other, please specify - not reclassified 99 Don't know or refused
Work Commute		
workcommute	Indicator variable to show if person commuted to work or travelled for work purposes during the last week. (New derived field in 2022.) Work commute questions were asked of those with a usual workplace. People who work exclusively from home and those who have a fixed workplace outside the home were not asked if they travelled to/for work in the last week.	1 commuted on at least one weekday last week 77 Did not travel to or for work at all in the last week 88 No usual workplace or not a worker 99 Don't know
wrkcmom	Whether traveled to/for work on Monday last week (New question in 2022.)	0 No 1 Yes 9 Don't Know / Refused O no usual workplace or not a worker
wrkctue	Whether traveled to/for work on Tuesday last week (New question in 2022.)	0 No 1 Yes 9 Don't Know / Refused O no usual workplace or not a worker
wrkcwed	Whether traveled to/for work on Wednesday last week (New question in 2022.)	0 No 1 Yes 9 Don't Know / Refused O no usual workplace or not a worker
wrkcthur	Whether traveled to/for work on Thursday last week (New question in 2022.)	0 No 1 Yes 9 Don't Know / Refused

Persons attributes

Field	Description	Values
		0 no usual workplace or not a worker
wrkcfri	Whether traveled to/for work on Friday last week (New question in 2022.)	0 No 1 Yes 9 Don't Know / Refused 0 no usual workplace or not a worker
n_wcommdays	Number of weekdays selected in wrkcmon through wrkcfri (New derived field in 2022.)	0-5 88 Not applicable 99 Don't known
wcomm_lastwk	Work travel pattern last week, with a value of 0 or 1 for each day of the week for 'did not commute or travel for work' and 'commuted or travelled for work' respectively (concatenates wrkcmon through wrkcfri) (New derived field in 2022.)	00000 did not travel to/for work on any day 00001 travelled to/for work on Friday only 00010 travelled to/for work on Thursday only 00011 travelled to/for work on Thursday and Friday ...etc... 11111 traveled to/for work on all five weekdays 99999 Unknown 0 Not applicable (no usual workplace or not a worker)
Travel on Travel Day		
made_trips	Whether reported travel on their travel day	0 No, Did not travel 1 Yes, took trips 2 Too young to capture trips
sch_trip	Whether person had at least one trip to school on their travel day (New derived field in 2022.)	0 No 1 Yes
work_trip	Whether person had at least one trip to work or for work-related purposes on their travel day (New derived field in 2022.)	0 No 1 Yes
no_work	Text version of nowork using 2016 code convention	N No Y Yes

Persons attributes

Field	Description	Values
	(starting in 1996) (Note that in 2016 and earlier survey cycles the related questions were only asked of full-time employed persons.)	0 Not applicable 9 Unknown
n_pers_trip	Number of trips reported for this person (1986 data includes persons aged 6-10)	0 - 98 99 Unknown
n_tran_trip	Number of trips reported with primary mode of public transit (whether GO Train or other public transit) (1986 data includes persons aged 6-10)	0 - 98 99 Unknown
n_gotr_trip	Number of trips with primary mode of GO Train and did not use other transit (New derived field in 2022.)	0 - 98 99 Unknown
n_jgot_trip	Number of trips with primary mode of GO Train and used other transit (New derived field in 2022.)	0 - 98 99 Unknown
n_loct_trip	Number of trips with primary mode of Transit and did not use GO Train (New derived field in 2022.) Note: this differs from n_tran_trip above which combines cases with primary modes of Transit, GO Train, and JointGOTrain and transit	0 - 98 99 Unknown
n_drvr_trip	Number of trips via auto driver (New derived field in 2022.)	0 - 98 99 Unknown
n_psgr_trip	Number of trips via auto passenger (New derived field in 2022.)	0 - 98 99 Unknown
n_bike_trip	Number of cycling or electric micromobility trips (New derived field in 2022.)	0 - 98 99 Unknown
n_walk_trip	Number of walking trips	0 - 98

Persons attributes

Field	Description	Values
	(New derived field in 2022.)	99 Unknown
n_othm_trip	Number of trips via other modes (New derived field in 2022.)	0 - 98 99 Unknown
n_pers_trip2016	Number of trips that would have been collected under 2016 parameters. Excludes non-commute walk trips unless they are essential links in commute trip chains or in trips chains using other modes or accompany another household member on their commute. Set to zero (0) for persons 5 to 10 years of age, as they were excluded from trip capture in 2016. (New derived field in 2022.)	0 - 98 99 Unknown
n_walk_trip2016	Number of walking trips that would have been collected under 2016 TTS parameters. Excludes non-commute walk trips unless they are essential links in commute trip chains or in trip chains using other modes or accompany another household member on their commute. Set to zero (0) for persons 5 to 10 years of age, as they were excluded from trip capture in 2016. (New derived field in 2022.)	0 - 98 99 Unknown

5.3 Trip Attributes

The following data were collected or calculated for each trip made on the trip day for each person 5 years old and older in the households surveyed in 2022. The attributes and categories are the same for all surveys except as noted. Trip information was collected for household members 6 years old and over in 1986, and 11 and older from 1991 to 2016. In 2022, trips were collected from those household members 5 years old and over. From 1986 to 2016, trips were collected for all trips made by motorized means, but only for walking trips that were either to or from work or school or if they connected other eligible trips (in other words, a ‘round trip’ journey made entirely via walking would not be captured as a trip in this survey). In 2022, the TTS included walking trips for non work/school purposes (while continuing to exclude recreational walk trips).

Table 5-3 Trip Attributes

Trip Attributes

Field	Description	Values
Identifiers		
hhld_num	Household unique numeric ID	6-digit number
pers_num	Person number within the household	1-11
trip_num	Trip number for this person in sequence based on the depart time	1-99
hp_num	Person unique numeric ID	An 8-digit unique identifier composed of [hhld_num][pers_num from 00 to 11]
hpt_num	Trip unique numeric ID	A 10-digit unique identifier composed of [hhld_num][pers_num from 00 to 11][trip_num from 00 to 19]
lasttrip	Indicates last trip in this person’s trip chain	1 Yes 0 No
Trip Details		
start_time	Trip departure time	24-hour clock from 0400 to 2759, where 2400 to 2759 are from midnight to 3:59 a.m. of the next calendar day 9999 Unknown
mode_prime	Primary mode of the trip Note that there are three public transit modes: public transit, GO Train, and joint public transit and GO Train	B Public Transit (excluding GO Rail) C Bicycle D Auto Driver E E-scooter or other electric mobility device (new in 2022) G GO Rail

Trip Attributes

Field	Description	Values
	GO Train and joint GO Train were not specific responses on the survey, but were reassignments of responses of Transit when GO Train was noted amongst the routes taken.	J Joint GO Rail and Public Transit M Motorcycle O Other P Auto Passenger S School Bus T Taxi U Paid rideshare (Uber, Lyft, DriverHer, or other paid rideshare app) (since 2016) W Walk 9 Unknown
trip_purp	Home-based trip purpose. Takes into account both the origin purpose and the destination purpose	1 Home-based work (i.e. home-to-work or work-to-home) 2 Home-based-school 3 Home-based-discretionary 4 Non-Home-based (i.e. neither end is home)
purp_orig2022	Origin purpose of the trip. For the first trip, the origin purpose is assumed to be 'other' if the first trip does not start from home, work or school. For subsequent trips, the origin purpose is the destination purpose of the previous trip.	10 Work (usual place of work) 11 Work-related (attend meetings,...) 12 Working on the road / itinerant.. 20 Attend school 30 Daycare pickup/dropoff 40 Pick up a package or online purchase 41 Shopping (groceries, mall, gas station, etc.) 42 Services (bank, haircut, mechanic, etc.) 43 Health and personal care 44 Restaurant, bar, or coffee (including takeout) 45 Visiting friends, family 46 Recreation, sports, leisure, arts 47 Worship or religious activity 51 Pick up a passenger 52 Drop off a passenger 77 Other, specify 80 Home 777Voting in the municipal election 999Unknown

Trip Attributes

Field	Description	Values
purp_orig	Text version of origin purpose using 2016 code convention The more detailed purposes from above are collapsed into the 2016 convention as follows 30→D, 51,52→F 80→H 40,41,42,44→M 43,45,46,47,777→O 20→S (first school trip) or R (second and subsequent trips) 10,11,12→W (first work trip) or R (second and subsequent trips)	9 Unknown D Daycare F Facilitate Passenger H Home M Market / Shopping O Other S School W Work
purp_dest2022	Trip purpose at the destination end	10 Travel to Work (usual place of work) 11 Work-related trips to attend meetings,... 12 Working on the road / itinerant.. 20 Attend school 30 Daycare pickup/dropoff 40 Pick up a package or online purchase 41 Shopping (groceries, mall, gas station, etc.) 42 Services (bank, haircut, mechanic, etc.) 43 Health and personal care 44 Restaurant, bar, or coffee (including takeout) 45 Visiting friends, family 46 Recreation, sports, leisure, arts 47 Worship or religious activity 51 Pick up a passenger 52 Drop off a passenger 77 Other, specify 80 Return Home 777Voting in the municipal election 999Unknown
purp_dest	Text version of destination purpose using 2016 code convention	9 Unknown C Second and subsequent school trips D Daycare

Trip Attributes

Field	Description	Values
	The more detailed purposes from above are collapsed into the 2016 convention as follows 30→D, 51,52→F 80→H 40,41,42,44→M 43,45,46,47,777→O 20→S (first school trip) or R (second and subsequent trips) 10,11,12→W (first work trip) or R (second and subsequent trips)	F Facilitate Passenger H Home M Market / Shopping O Other R Second and subsequent work trips S First school trip of the day W First work trip of the day
firstwork	Flags whether the given trip was the first work or work-related trip of the day (first instance of any of destpurpose code 10, 11, or 12). Note that in a multi-stop tour to work, the mode of the arrival at work is not necessarily the longest-distance or primary commuting mode of the tour to work.	0 Not applicable 1 First work or work-related trip
firstsch	Flags whether the given trip was the first trip to school of the day (first instance of destpurpose code 20) Note that in a multi-stop tour to school, the mode of the arrival at school is not necessarily the longest-distance or primary commuting mode of the tour to school.	0 Not applicable 1 First school trip
Origin & Destination		
region_orig	TTS Regions	See list in Geography section
mun_orig	TTS Municipal Area	See list in Geography section
pd_orig	TTS Planning Districts	See list in Geography section
tts22_orig	TAZ transportation analysis zones	See lookup table in database
gta06_orig	2006 TAZ	See lookup table in database
ward_orig	Municipal Wards	See list in Geography section
region_dest	TTS Regions	See list in Geography section

Trip Attributes

Field	Description	Values
mun_dest	TTS Municipal Area	See list in Geography section
pd_dest	TTS Planning Districts	See list in Geography section
tts22_dest	TAZ transportation analysis zones	See lookup table in database
gta06_dest	2006 TAZ	See lookup table in database
ward_dest	Municipal Wards	See list in Geography section
Other Details, Distances		
car_pool	Number of people in the vehicle - only applied to auto driver trip	0-10 99 Unknown
hwy407	Text version of Hwy 407 question using 2016 code convention Asked of a subsample of all trips completed on or after 2023-05-11 that appeared to have origin and destination locations such that using the highway was a possibility.	Y Yes N No O Not applicable (origin and destination pattern did not trigger the question) 7 Not asked in earlier surveys 9 Unknown
trip_km	Euclidean (straight-line) distance between origin and destination coordinates	Value in kilometers 9999 Unknown
trip_m	Euclidean (straight-line) distance between origin and destination coordinates	Value in meters 9999 Unknown
trip_man_km	Manhattan distance between origin and destination coordinates	Value in kilometers 9999 Unknown
trip_man_m	Manhattan distance between origin and destination coordinates	Value in meters 9999 Unknown
Trip Flags		
excl2016	Indicates trips that would be excluded from analysis when comparing to 2016 and earlier. Indicates trips made by persons between the ages of 5 and 10, and walking trips that are not to or from work or school (and not essential links in trip chains to or from work or school or trip chains with other modes and not accompanying another household member on their trip to or from school).	0 Include in 2016 comparisons 1 Exclude from 2016 comparisons due to age between 5 and 10 2 Exclude from 2016 comparisons due to non-commute walking trip made by person 11+ years of age

5.4 Transit Attributes

The following data were collected or calculated for each trip made by public transit on the trip day for each person 5 years old and over in the households surveyed in 2022. For public transit trips, detailed information was collected on the routes and the location of transfer points. The attributes and categories are the same for all surveys except as noted. Trip information was collected for household members 6 years old and over in 1986, and 11 and older from 1991 to 2016. In 2022, trips were collected from those household members 5 years old and over.

Access/Egress Coordinates: For rail trips on public transit (via TTS Subway or Scarborough RT, or via GO Train) the rail boarding and alighting stations were asked on the survey. If the first transit route boarded was rail, the transit access location coordinates assigned were those of the boarding station. If the last transit route boarded was rail, the transit egress location coordinates assigned were those of the alighting station. In all other instances, the access and egress location coordinates are those of the trip origin and destination. In other words, for non-rail transit trips, the actual transit boarding/alighting locations were not captured, and the trip origins/destinations are used as a proxy for the actual locations.

Table 5-4 Transit Attributes

Transit attributes

Field	Description	Values
Identifiers		
hhld_num	Household unique numeric ID	6-digit number
pers_num	Person number within the household	1-11
trip_num	Trip number for this person in sequence based on the depart time	1-19
hp_num	Person unique numeric ID	An 8-digit unique identifier composed of [hhld_num][pers_num from 00 to 11]
hpt_num	Trip unique numeric ID	A 10-digit unique identifier composed of [hhld_num][pers_num from 00 to 11][trip_num from 00 to 19]
Transit Access Modes		
mode_accs	Mode used to access public transit, using 2016 text code convention	9 Unknown C Cycle D Auto driver

Transit attributes

Field	Description	Values
		E E-scooter or other electric mobility device (new in 2023) M Motorcycle O Other P Auto passenger S School bus T Taxi passenger U Paid rideshare W Walk
mode_egrs	Mode used after disembarking from public transit, using 2016 text code convention	9 Unknown C Cycle D Auto driver E E-scooter or other electric mobility device (new in 2023) M Motorcycle O Other P Auto passenger S School bus T Taxi passenger U Paid rideshare W Walk
tran_grp	For convenient reference, the combination of access mode, primary mode, and egress mode, using the 2016 text-based response code convention	Format of [access mode code]-[primary mode code]-[egress mode code] E.g., "C-G-C" See 2016 mode list in trips table
tran_type	Examining both access and egress modes, the overall transit access type, with other modes taking precedence over walk with the following hierarchy: drive, passenger, bicycle, other. E.g.: If walk at both ends, it is considered 'walk-access transit'. If drive to access point and walk from egress point, then the overall trip is considered 'drive-access transit'. The same is true if or if walk to access point and drive from egress point.	1 Walk-access transit (WAT) 2 Drive-access transit (DAT) 3 Drive-access transit - Passenger (DAT-P) 4 Bicycle-access transit (BAT) 5 Other-access transit (OAT)

Transit attributes

Field	Description	Values
Access/Egress Points		
first_accs_stn	First access station for either TTC Subway or GO Train/UP Express, if used in Route1	See list of stations 0 First boarding location was not a subway or GO station (geocodes used are from origin)
region_accs	Region of access point	See list in Geography section
pd_accs	Planning district of access point	See list in Geography section
tts22_accs	TAZ of access point	See lookup table in database
gta06_accs	2006 TAZ	See lookup table in database
accs_m	Straight-line distance from origin to access point in metres	
accs_man_m	Manhattan distance from origin to access point in metres	
last_egrs_stn	Last alighting station for either TTC Subway or GO Train/UP Express if used in last route taken	See list of stations 0 Last alighting location was not a subway or GO station (geocodes used are from destination)
region_egrs	Region of egress point	See list in Geography section
pd_egrs	Planning district of egress point	See list in Geography section
tts22_egrs	TAZ of egress point	See lookup table in database
gta06_egrs	2006 TAZ	See lookup table in database
egrs_m	Straight-line distance from egress point to destination in metres	
egrs_man_m	Manhattan distance from egress point to destination in metres	
Transit Routes		
n_route	Number of transit routes or links used for the trip	1-6
route1	Route used for first link	See list of route codes
route2	Route used for second link	See list of route codes
route3	Route used for third link	See list of route codes

Transit attributes

Field	Description	Values
route4	Route used for fourth link	See list of route codes
route5	Route used for fifth link	See list of route codes
route6	Route used for sixth link	See list of route codes
last_route	Route used on the last link, whether route 1 through route 6	See list of route codes
Subway, GO Stations		
sub_on	TTC subway boarding station (starting from 2001)	See list of stations
sub_off	TTC subway alighting station (starting from 2001)	See list of stations
go_on	GO Train/UP Express boarding station (starting from 2001)	See list of stations
go_off	GO Train/UP Express alighting station (starting from 2001)	See list of stations
Route Counts		
n_go_rail	Number of links on GO Train	0-5
n_go_bus	Number of links on GO Bus	0-5
n_subway	Number of links on TTC subway	0-5
n_ttc_bus	Number of links on TTC bus or streetcar	0-5
n_local	Number of links on other local transit (i.e., non-TTC and non-GO)	0-5
n_other	Number of links on other transit systems (i.e., VIA, Grey Coach)	0-5
oper_code	Agency operating the last transit route used	See list of agencies
use_ttc	TTC trip. Uses either TTC bus/streetcar or TTC subway.	Y Yes N No

5.5 Station Codes

Station codes for the GO Train and TTC Subway systems are listed below, along with the lines served. The key to the line abbreviations follows the table. Some station codes refer to colocated stations on both systems or which serve multiple lines on the same system. These are highlighted in bold text.

Table 5-5 GO Train and TTC Subway Station Codes

Stations

Code	Station	System(s)	Line(s)
0	Not Applicable (service not used)		
GS01	Oshawa	GO	LE
GS02	Hamilton	GO	LW
GS03	Burlington	GO	LW
GS04	Appleby	GO	LW
GS05	Bronte	GO	LW
GS06	Oakville	GO	LW
GS07	Clarkson	GO	LW
GS08	Port Credit	GO	LW
GS09	Long Branch	GO	LW
GS10	Mimico	GO	LW
GS11	Exhibition	GO	LW
GS14	Scarborough	GO	LE
GS15	Eglinton	GO	LE
GS16	Guildwood	GO	LE
GS17	Rouge Hill	GO	LE
GS18	Pickering	GO	LE
GS19	Ajax	GO	LE
GS20	Whitby	GO	LE
GS21	Milton	GO	MI
GS22	Meadowvale	GO	MI
GS23	Streetsville	GO	MI
GS24	Erindale	GO	MI
GS25	Cooksville	GO	MI
GS26	Dixie	GO	MI
GS28	Maple	GO	BR
GS29	King City	GO	BR
GS30	Aurora	GO	BR
GS31	Newmarket	GO	BR
GS32	Bradford	GO	BR
GS33	Richmond Hill	GO	RH
GS34	Langstaff	GO	RH
GS35	Old Cummer	GO	RH
GS36	Oriole	GO	RH

Stations

Code	Station	System(s)	Line(s)
GS37	Agincourt	GO	ST
GS38	Milliken	GO	ST
GS39	Unionville	GO	ST
GS40	Markham	GO	ST
GS41	Stouffville	GO	ST
GS43	Weston/UP	GO	KI, UP
GS44	Etobicoke North	GO	KI
GS45	Malton	GO	KI
GS46	Bramalea	GO	KI
GS47	Brampton	GO	KI
GS48	Georgetown	GO	KI
GS50	Aldershot	GO	LW
GS52	Rutherford	GO	BR
GS53	Mount Pleasant	GO	KI
GS55	East Gwillimbury	GO	BR
GS56	Mount Joy	GO	ST
GS58	Centennial	GO	ST
GS59	Barrie South	GO	BR
GS61	Lisgar	GO	MI
GS62	Allandale Waterfront	GO	BR
GS63	Guelph Central	GO	KI
GS64	Kitchener	GO	KI
GS65	UP Express Pearson Airport	GO	UP
GS66	West Harbour	GO	LW
GS67	Acton	GO	KI
GS68	Gormley	GO	RH
GS69	Niagara Falls	GO	LW
GS70	St. Catharines	GO	LW
GS71	Bloomington	GO	RH
GS72	Old Elm	GO	ST
SS01	Kipling (subway / GO)	TTC / GO	BLD, MI
SS02	Islington	TTC	BLD
SS03	Royal York	TTC	BLD
SS04	Old Mill	TTC	BLD
SS05	Jane	TTC	BLD
SS06	Runnymede	TTC	BLD
SS07	High Park	TTC	BLD
SS08	Keele	TTC	BLD
SS09	Dundas West (subway) / Bloor (GO)	TTC / GO	BLD, KI, UP
SS10	Lansdowne	TTC	BLD
SS11	Dufferin	TTC	BLD
SS12	Ossington	TTC	BLD

Stations

Code	Station	System(s)	Line(s)
SS13	Christie	TTC	BLD
SS14	Bathurst	TTC	BLD
SS15	Bay	TTC	BLD
SS16	Bloor-Yonge	TTC	BLD, YUS-E
SS17	Sherbourne	TTC	BLD
SS18	Castle Frank	TTC	BLD
SS19	Broadview	TTC	BLD
SS20	Chester	TTC	BLD
SS21	Pape	TTC	BLD
SS22	Donlands	TTC	BLD
SS23	Greenwood	TTC	BLD
SS24	Coxwell	TTC	BLD
SS25	Woodbine	TTC	BLD
SS26	Main Street (subway) / Danforth (GO)	TTC / GO	BLD, LE
SS27	Victoria Park	TTC	BLD
SS28	Warden	TTC	BLD
SS29	Kennedy (subway / GO)	TTC / GO	BLD, SRT, ST
SS30	Lawrence East	TTC	SRT
SS31	Ellesmere	TTC	SRT
SS32	Midland	TTC	SRT
SS33	Scarborough Centre	TTC	SRT
SS34	Mccowan	TTC	SRT
SS35	Museum	TTC	YUS-W
SS36	Queen'S Park	TTC	YUS-W
SS37	Osgoode	TTC	YUS-W
SS38	Union Station (subway / GO)	TTC / GO	YUS-E, YUS-W, all GO, UP
SS39	King	TTC	YUS-E
SS40	Queen	TTC	YUS-E
SS41	Dundas	TTC	YUS-E
SS42	College	TTC	YUS-E
SS43	Wellesley	TTC	YUS-E
SS44	Dupont	TTC	YUS-W
SS45	Eglinton West	TTC	YUS-W
SS46	Glencairn	TTC	YUS-W
SS47	Lawrence West	TTC	YUS-W
SS48	Yorkdale	TTC	YUS-W
SS49	Wilson	TTC	YUS-W
SS50	Rosedale	TTC	YUS-E
SS51	Summerhill	TTC	YUS-E
SS52	Davisville	TTC	YUS-E
SS53	Eglinton	TTC	YUS-E
SS54	Lawrence	TTC	YUS-E

Stations

Code	Station	System(s)	Line(s)
SS55	York Mills	TTC	YUS-E
SS56	Sheppard-Yonge	TTC	YUS-E, SHP
SS57	Finch	TTC	YUS-E
SS58	Spadina	TTC	YUS-W, BLD
SS61	St Andrew	TTC	YUS-W
SS62	St Clair	TTC	YUS-E
SS63	St Patrick	TTC	YUS-W
SS64	St Clair West	TTC	YUS-W
SS65	St George	TTC	YUS-W, BLD
SS66	North York Centre	TTC	YUS-E
SS67	Sheppard West	TTC	YUS-W
SS68	Bayview	TTC	SHP
SS69	Bessarion	TTC	SHP
SS70	Leslie	TTC	SHP
SS71	Don Mills	TTC	SHP
SS72	Downsview Park (subway / GO)	TTC / GO	YUS-W, BR
SS73	Finch West	TTC	YUS-W
SS74	York University	TTC	YUS-W
SS75	Pioneer Village	TTC	YUS-W
SS76	Highway 407	TTC	YUS-W
SS77	Vaughan Metropolitan Centre	TTC	YUS-W

Note: Stations serving multiple lines and/or systems are highlighted in **bold**.

Line abbreviations:

TTC Subway	YUS-E	Yonge-University-Spadina line East
	YUS-W	Yonge-University-Spadina line West
	BLD	Bloor-Danforth line
	SRT	Scarborough RT Line (SRT)
	SHP	Sheppard line
GO Train	BR	Barrie Line
	KI	Kitchener Line
	LE	Lakeshore East Line
	LW	Lakeshore West Line
	MI	Milton Line
	RH	Richmond Hill Line
	ST	Stouffville Line
UP	UP	UP Express

Note: The Scarborough RT line was in service during 2022 TTS data collection. It ceased operation in August 2023.

5.6 Transit Operator Codes

The following transit operator codes are used in the oper_code field noting the last non-TTC and non-GO transit routes recorded in the transit table. TTC and GO route prefixes are listed for completeness below, but do not show up in the oper_code field.

Table 5-6 Transit Operator Codes

Transit Operators

Operator	Operator Code	Route Prefix
Not Applicable	0	Not Applicable
TTC		T (note that T59 is the prefix for SUBWAY)
GO		GB (GO BUS), GT0 (GO TRAIN), GT10 (UP EXPRESS)
BARRIE	18	BA
BRAMPTON	40	BR
BRANTFORD	65	BT
BURLINGTON	46	BU
DURHAM	81	D
GRAND RIVER	11	GR
GUELPH	14	GU
HAMILTON	48	HA
MILTON	44	ML
MISSISSAUGA (MIWAY)	20	MS
NIAGARA REGION*	22	FE, NI, NL, NR, SC, WE
OAKVILLE	42	OA
PETERBOROUGH	16	PE
YORK	61	Y
OTHER MUNICIPAL	90	BD BRADFORD-WEST GWILLIMBURY TRANSIT CB COBOURG TRANSIT CO COLLINGWOOD TRANSIT CV CLEARVIEW PUBLIC TRANSIT GC GREY COUNTY TRANSIT IT INNISFIL TRANSIT LI LINDSAY TRANSIT MI MIDLAND-PENETANGUISHENE TRANSIT SERVICE OR ORILLIA TRANSIT OV ORANGEVILLE TRANSIT PL PEEL REGION PH PORT HOPE TRANSIT RW WELLINGTON COUNTY SL SIMCOE COUNTY LINX WB WASAGA BEACH TRANSIT

Transit Operators

Operator	Operator Code	Route Prefix
NON-MUNICIPAL	92	SN SENECA COLLEGE PRIVATE SHUTTLE UT UTM SHUTTLE BUS XA CAN-AR, TOK COACHLINES XB CHARTER BUS XF CHRISTIAN ISLAND FERRY, ISLAND FERRY XH FLIXBUS, GREYHOUND XM COACH CANADA, MEGABUS XN ONTARIO NORTHLAND BUS XQ COMPANY BUS XR VIA RAIL XS SUNNYBROOK SHUTTLE BUS XT PRIVATE BUS XU OTHER PRIVATE

*Note: In January 2023, Niagara Region Transit, Fort Erie Transit, Niagara Falls Transit, St. Catharines Transit, Welland Transit merged, with Niagara Region transit assuming the operation of the routes a single unified local transit service for the region.

5.7 Transit Route Codes

The following lists contain only operator and route codes for route responses in the 2022 TTS. The lists therefore do not necessarily include all routes in the respective transit system or those used in previous surveys. Some routes may have been identified by multiple variations of the route names but are identified below with the first route name in the database of routes used for surveying. **The numbers listed are the expanded 24-hour totals from the 2022 survey.** The totals are not official ridership counts.

Table 5-7 Transit Route Codes

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
BARRIE								
BA101	1A GEORGIAN MALL	177	18					194
BA102	1B WELHAM	127	13					140
BA103	2A DUNLOP	56	16					72
BA104	2B PARK PLACE		113					113
BA105	3A BAYVIEW	281	9	16				306
BA106	3B PAINSWICK	78	59	30				167
BA107	4A EAST BAYFIELD	66	3	4				73
BA108	4B SOUTH GO	20						20
BA109	5B WELLINGTON	152						152
BA110	5A EDGEHILL	35	60					95
BA111	6A LETITIA	180	65					245
BA112	6B COLLEGE	116	3		4			123
BA113	7A GROVE	145						145
BA114	7B BEAR CREEK	217	22	8				247
BA115	8A RVH/YONGE	833	227					1060
BA116	8B CROSSTOWN/ESSA	727	353					1081
BA121	100A RED EXPRESS	151						151
BA122	100B BLUE EXPRESS	68	4					72
BA123	100C RED EXPRESS	66						66
BA124	100D BLUE EXPRESS	9	9					18
BA98	SPECIALIZED TRANSIT	241						241

BRADFORD-WEST GWILLIMBURY

BD01	1 CROSS-TOWN	273	35					308
BD02	2A AROUND-TOWN	96						96

BRAMPTON

BR01	1 QUEEN	2786	1022	159	172			4139
BR02	2 MAIN	778	734	135				1646
BR03	3 MCLAUGHLIN	1277	350	219	34			1880

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
BR04	4 CHINGUACOUSY	3497	889	132	79			4598
BR05	5 BOVAIRD	1871	1454	220		27		3571
BR06	6 JAMES POTTER	486	84	206				776
BR07	7 KENNEDY	3049	948	214	62			4273
BR08	8 CENTRE	271	47	11				329
BR09	9 VODDEN	730	277	12	4			1022
BR10	10 SOUTH INDUSTRIAL	59		62				121
BR11	11 STEELES	1544	1228	378				3150
BR12	12 GRENOBLE	402	106		50			559
BR13	13 AVONDALE	69	30		14			114
BR14	14 TORBRAM	1891	1103	304	28			3326
BR15	15 BRAMALEA	3124	1374	547	228			5273
BR16	16 SOUTHGATE	314	38	65				418
BR17	17 HOWDEN	165		52				217
BR18	18 DIXIE	1947	1086	527	43			3603
BR19	19 FERNFOREST	261	168	32				460
BR20	20 EAST INDUSTRIAL	283	59	179	51			572
BR23	23 SANDALWOOD	1703	925	504	43			3176
BR24	24 VAN KIRK	610	209	218				1036
BR25	25 EDENBROOK	54	21					75
BR26	26 MOUNT PLEASANT	232	207	28	7			473
BR27	27 ROBERT PARKINSON	64	43					107
BR28	28 WANLESS	26	44	46				117
BR29	29 WILLIAMS	1407	882	8	13	154		2463
BR30	30 AIRPORT ROAD	1456	797	613	146			3012
BR31	31 MCVEAN	327	104	113				543
BR32	32 FATHER TOBIN	120		101				221
BR33	33 PETER ROBERTSON	164		46				210
BR35	35 CLARKWAY	372		121	22			515
BR36	36 GARDENBROOKE			28				28
BR40	40 CENTRAL INDUSTRIAL	221						221
BR50	50 GORE ROAD	1500	329	167	235	32		2263
BR51	51 HEREFORD	138	97	137				372
BR52	52 MCMURCHY	50	133	132				315
BR53	53 RAY LAWSON	12	7					19
BR54	54 COUNTY COURT	428	36		25			489
BR55	55 ELBERN MARKELL		10	133				143
BR56	56 KINGKNOLL	298	64					361
BR57	57 CHAROLAIS	990	37	75				1102
BR58	58 FINANCIAL	24		87				111
BR60	60 MISSISSAUGA ROAD	437	175	86				698

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
BR81	81 MAYFIELD WEST		46					46
BR104	104 CHINGUACOUSY EXPRESS		30	20				51
BR115	115 PEARSON AIRPORT EXPRESS	256	163	237	88			744
BR199	199 UTM EXPRESS		4					4
BR200	200 TURNER FENTON	108						108
BR201	201 MAYFIELD	80						80
BR203	203 MAYFIELD	10						10
BR204	204 MAYFIELD	63						63
BR205	205 ST. THOMAS AQUINAS	59						59
BR207	207 MAYFIELD	117						117
BR209	209 ST. AUGUSTINE	69						69
BR215	215 ST. THOMAS AQUINAS	121	118	190				430
BR216	216 DAVID SUZUKI		99					99
BR501	501 ZUM QUEEN	5253	5691	766	141			11851
BR502	502 ZUM MAIN	2958	2621	240		12		5831
BR505	505 ZUM BOVAIRD	1040	794	65				1899
BR511	511 ZUM STEELES	2063	2152	327	26	9		4577
BR561	561 ZUM QUEEN WEST	7	7					14

BRANTFORD

BT01	1 EAGLE PLACE	619	357					976
BT02	2 WEST STREET BRIER PARK	148	77		71			296
BT041	4A MALL LINK	445	25	71	71			611
BT042	4C MALL LINK	378	360	4	44			787
BT05	5 WEST BRANT OAKHILL	160	31	136				328
BT06	6 WEST BRANT SHELLARD	382	115		4			500
BT07	7 EAST WARD BRANEIDA	17	9					25
BT08	8 HOLMDALE MAYFAIR	363	256					620
BT09	9 ECHO PLACE	324	229	71				624
BT12	12 EAGLE PLACE SHELLARD	72				71		143
BT13	13 KING GEORGE RD BRANTWOOD PARK	84						84
BT14	14 ECHO PLACE EAST WARD		84			71		154
BT98	BRANTFORD LIFT	4				4		8

BURLINGTON

BU01	1 PLAINS-FAIRVIEW	1397	506	55				1958
BU02	2 BRANT	705	106	83				894
BU03	3 GUELPH	726	135	34				895
BU04	4 CENTRAL	373	108	11				493
BU06	6 HEADON	237	36	43	22			338

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
BU10	10 NEW MAPLE	1025	361	7				1392
BU11	11 SUTTON ALTON	444	343	199				986
BU12	12 UPPER MIDDLE	516	86					603
BU25	25 WALKERS	204	270					474
BU48	48 MILLCROFT	26						26
BU50	50 BURLINGTON SOUTH	11		10				21
BU51	51 BURLINGTON NORTHEAST	28						28
BU52	52 BURLINGTON NORTHWEST		7					7
BU80	80 HARVESTER	156		137	11			303
BU81	81 NORTH SERVICE	111	84	16				211
BU87	87 NORTH SERVICE ALDERSHOT	19	13					31
BU98	SPECIALIZED TRANSIT (HANDI-VAN)	73						73

COBOURG

CB90	ON DEMAND ROUTE	898						898
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COLLINGWOOD

CO02	COLLINGWOOD EAST ROUTE	29						29
CO03	COLLINGWOOD WEST ROUTE	309						309
CO041	COLLINGWOOD WASAGA BEACH LINK	201						201

CLEARVIEW

CV01	1 CLEARVIEW ROUTE STAYNOR/WASAGA		39					39
CV02	2 CLEARVIEW ROUTE CREEMORE	14		14				28

DURHAM

D101	101 ROUTE	46	44					90
D103	103 ROUTE	172	133	58				363
D110	110 ROUTE	59	158	81				298
D112	112 ROUTE	611	260	13				884
D120	120 ROUTE	260	425	44				730
D211	211 ROUTE	160	152		9			320
D216	216 ROUTE	1016	781	91	27			1914
D222	222 ROUTE	51	34	53		11		150
D224	224 ROUTE	1542	798	88	61			2488
D291	291 ROUTE	43	31	13				88
D302	302 ROUTE	1167	558	157	4			1886
D319	319 ROUTE	111	245					357

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
D392	392 ROUTE	109	549					658
D403	403 ROUTE	407	417	71				896
D405	405 ROUTE	626	140			4		770
D407	407 ROUTE	748	132	67				946
D409	409 ROUTE	146	92					238
D410	410 ROUTE	1094	121					1214
D411	411 ROUTE	274	7	18	4			303
D423	423 ROUTE	15						15
D502	502 ROUTE	582	23	11				616
D900	900 PULSE	3778	1503	331		10		5622
D901	901 PULSE	3516	1165	93	107			4882
D902	902 ROUTE	491	799	53	29			1372
D905	905 ROUTE	2233	1432	297				3962
D915	915 PULSE	2116	1255	53	4	35		3463
D916	916 PULSE	2804	1102	119	17			4042
D917	917 ROUTE	889	191	112				1192
D920	920 ROUTE	2909	1426	309	423			5066
DN1	N1 ROUTE	106	106					212
DN2	N2 ROUTE	74						74
D98	SPECIALIZED SERVICE	527						527

GREY COUNTY

GC01	ROUTE 1	183	133					316
GC02	ROUTE 2	430	146	10				586
GC03	ROUTE 3	88	25					113
GC04	ROUTE 4	244	12					256
GC05	ROUTE 5	5						5

GRAND RIVER

GR01	1 QUEEN-RIVER	1720	558	100	82	10		2470
GR02	2 STIRLING	515	16					531
GR03	3 OTTAWA SOUTH	638	153	90				881
GR04	4 GLASGOW-MARGARET	479	248	4				731
GR05	5 ERB	376	307		5			688
GR06	6 BRIDGE-COURTLAND	858	437	10				1305
GR07	7 KING	2319	1073	92				3483
GR08	8 WEBER	1494	722	138	11			2365
GR09	9 LAKESHORE	708	279					987
GR10	10 PIONEER	510	307			17		835
GR12	12 WESTMOUNT	2676	705	75				3456
GR13	13 LAURELWOOD	1062	300		67			1430

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
GR14	14 BATHURST	261	140					401
GR16	16 STRASBURG-BELMONT	1415	254	178	4			1852
GR19	19 HAZEL	1238	184					1422
GR20	20 VICTORIA-FREDERICK	985	426	91				1501
GR21	21 ELMIRA	201	105					306
GR22	22 LAURENTIAN WEST	442	294					736
GR23	23 IDLEWOOD	579	269	126	45			1019
GR26	26 TRILLIUM	46	10					56
GR27	27 MORRISON	161	10					171
GR28	28 FRANKLIN NORTH	166		87				253
GR29	29 KEATS-UNIVERSITY	1186	378	6				1569
GR30	30 RING ROAD	10	15					25
GR31	31 COLUMBIA	585	92	42				719
GR33	33 HURON	464	81					546
GR34	34 BINGEMANS	78	87					165
GR36	36 THOMAS SLEE	244		85	24			354
GR50	50 DUNDAS	191	57					248
GR51	51 HESPELER	1656	560	38	97			2351
GR53	53 FRANKLIN	280	33					314
GR54	54 LISBON PINES	142	39					181
GR55	55 GRAND RIDGE	124	169					293
GR56	56 DUNBAR	150	70		46			266
GR57	57 BLAIR	64	65	46				175
GR58	58 ELMWOOD	144	37					181
GR59	59 CHRISTOPHER	398		175				573
GR60	60 NORTHVIEW ACRES	416	143					559
GR61	61 FOUNTAIN	414	41					454
GR63	63 CHAMPLAIN	138	251	5	6			399
GR64	64 LANGS	101						101
GR67	67 EAGLE-PINEBUSH	238	110	137				485
GR72	72 BOXWOOD FLEX	76	31	32				138
GR73	73 NORTHLAKE		20					20
GR75	75 SAGINAW	375	41					416
GR76	76 DOON MILLS			103				103
GR77	77 WILMOT	264	62		205			531
GR110	110 COLLEGE EXPRESS	64	116	44				224
GR201	201 IXPRESS FISCHER-HALLMAN	3713	812	114				4639
GR202	202 IXPRESS UNIVERSITY	2269	549		27			2844
GR203	203 IXPRESS MAPLE GROVE	151	65	15		34		265
GR204	204 IXPRESS HIGHLAND-VICTORIA	1550	721	209				2480

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
GR205	205 IXPRESS OTTAWA	963	636					1599
GR206	206 IXPRESS CORONATION	558	188	132				878
GR301	301 ION LIGHT RAIL	9780	2649	544	20			12993
GR302	302 ION BUS	877	790	257				1924
GR303	301R ION REPLACEMENT SHUTTLE		31					31
GR8881	8881 OKTOBERFERST LOT 42 SHUTTLE			51				51
GR9851	9851 GCI SPECIAL	80		16				96
GR98	MOBILITYPLUS	77						77

GUELPH

GU17	17 WOODLAWN WATSON	785	112					897
GU18	18 WATSON WOODLAWN	578	132					710
GU19	19 HANLON CREEK	58	95					154
GU31	1 EDINBURGH COLLEGE	174	32					207
GU32	2 COLLEGE EDINBURGH	437	54	32				523
GU33	3 WESTMOUNT	135	60					195
GU34	4 YORK	210	64					273
GU35	5 GOODWIN	176	27	9				212
GU36	6 HARVARD IRONWOOD	377	76					453
GU37	7 KORTRIGHT DOWNEY	223	90					312
GU38	8 STONE ROAD MALL	314						314
GU39	9 WATERLOO	484	266	12				762
GU40	10 IMPERIAL	230	68	4				302
GU41	11 WILLOW WEST	153	66					219
GU42	12 GENERAL HOSPITAL	65	30					95
GU43	13 VICTORIA ROAD RECREATION CENTRE	207	152	69				427
GU44	14 GRANGE	600	73					673
GU45	15 UNIVERSITY COLLEGE	260	28	28				315
GU52	52 U KORTRIGHT	51						51
GU56	56 U COLONIAL	69						69
GU58	58 U EDINBURGH	201						201
GU70	20 NORTHWEST INDUSTRIAL	834	222	9				1065
GU76	16 SOUTHGATE	61	35					96
GU99	99 MAINLINE	2578	756		7			3340
GU97	MOBILITY SERVICES	556						556

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
HAMILTON								
HA01	01 KING	5079	904	63				6047
HA02	02 BARTON	5362	1299	150				6810
HA03	03 CANNON	577	79	5				661
HA04	04 BAYFRONT	1657	518	25				2200
HA05	05 DELAWARE	8610	1574	189	8	5		10386
HA06	06 ABERDEEN	660	87					747
HA07	07 LOCKE	381	78	7				467
HA08	08 YORK	319	34					353
HA10	10 B-LINE EXPRESS	5702	1838	271				7811
HA11	11 PARKDALE	532	1101		6			1638
HA12	12 WENTWORTH		28					28
HA16	16 ANCASTER	138	296	32	32			498
HA18	18 WATERDOWN	97	9	25				131
HA20	20 A-LINE EXPRESS	1583	406	73	58			2119
HA21	21 UPPER KENILWORTH	1168	392	64				1624
HA22	22 UPPER OTTAWA	1051	523	19				1593
HA23	23 UPPER GAGE	1023	395	88				1506
HA24	24 UPPER SHERMAN	1394	468					1862
HA25	25 UPPER WENTWORTH	788	113					901
HA26	26 UPPER WELLINGTON	1815	522	47				2383
HA27	27 UPPER JAMES	1130	329					1458
HA33	33 SANATORIUM	719	389	20	86			1214
HA34	34 UPPER PARADISE	922	151	35	24			1132
HA35	35 COLLEGE	1574	745	19	32			2369
HA41	41 MOHAWK	3431	445	74				3950
HA42	42 MOHAWK EAST	34						34
HA43	43 STONE CHURCH	671	80	37				788
HA44	44 RYMAL	2026	862	150	140			3178
HA51	51 UNIVERSITY	2010	405	67	41			2523
HA52	52 DUNDAS LOCAL	56						56
HA55	55 STONEY CREEK CENTRAL	1310	618	104				2032
HA58	58 STONEY CREEK LOCAL	95	63					158
HA801	ANCFair ANCASTER FAIR SHUTTLE		14					14
HA802	BINFAIR BINBROOK FAIR SHUTTLE		137					137
HA805	ROCKTON WORLDS FAIR SHUTTLE		29					29
HA98	DARTS (DISABLED AND AGED TRANSIT)	1788						1788

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
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IT01	ON DEMAND SERVICE VIA UBER OR TAXI	88	132	34				254
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LINDSAY

LI02	GREEN LINE	240						240
LI03	BLUE LINE	130						130

MIDLAND-PENETANGUISHENE

MI01	MIDLAND ROUTE CHANGEOVER POINT	10	13					23
MI02	NORTH ROUTE (MIDLAND)	183	55					238
MI03	PENETANGUISHENE ROUTE	137	107					243
MI06	SOUTH ROUTE (MIDLAND)	13						13

MILTON

ML02	2 MAIN	586	231	5				822
ML03	3 TRUDEAU	95	23					118
ML04	4 THOMPSON / CLARK	610	174	26	9			820
ML05	5 YATES	190	219			11		420
ML06	6 SCOTT	249	73	25				347
ML07	7 HARRISON	214	71	70				355
ML08	8 WILLMOTT	466	144	5	9			624
ML09	9 ONTARIO SOUTH	34	49	6				88
ML21	21 STEELES	53	34	19				107
ML51	51 SCHOOL SPECIAL	104						104
ML52	52 SCHOOL SPECIAL	114	35					149
ML53	53 SCHOOL SPECIAL	74	80					154
ML98	ACCESS+	19						19

MIWAY (MISSISSAUGA)

MS01	1 DUNDAS	5934	1986	902	118			8939
MS02	2 HURONTARIO	3194	1682	282	141			5299
MS03	3 BLOOR	3114	980	660	14			4768
MS04	4 SHERWAY GARDENS	712	52	92	9			865
MS05	5 DIXIE	2494	1596	200	25	5		4321
MS06	6 CREDIT WOODLANDS	1652	388	24	236			2301
MS07	7 AIRPORT	1247	812	134	68	129		2390
MS08	8 CAWTHRA	1432	357	133	54			1976
MS09	9 RATHBURN-THOMAS	1199	610	8				1817

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
MS10	10 BRISTOL-BRITANNIA	1431	230	39	16			1717
MS11	11 WESTWOOD	1017	850	296	27			2189
MS13	13 GLEN ERIN	1410	1106	141				2657
MS14	14 LORNE PARK	488	264	279				1031
MS15	15 DREW	309						309
MS16	16 MALTON	171	87	292	129			679
MS17	17 HURONTARIO	903	378	111	78	6		1476
MS18	18 MCLAUGHLIN-DERRY	99	251	18				368
MS20	20 RATHBURN	1544	511	171				2227
MS22	22 FINCH	703	362	25				1090
MS23	23 LAKESHORE	917	532	69				1518
MS24	24 NORTHWEST	7	142					150
MS26	26 BURNHAMTHORPE	3727	1820	1059	31			6636
MS28	28 CONFEDERATION	1435	626	102				2162
MS29	29 PARK ROYAL-HOMELANDS	890	364	246				1500
MS30	30 REXDALE	276	156	33				465
MS34	34 CREDIT VALLEY	805	205					1009
MS35	35 EGLINTON	3502	1988	1084	10			6584
MS36	36 COLONIAL-RIDGEWAY	532	211	180	3			926
MS38	38 CREDITVIEW	1149	761	72	24			2006
MS39	39 BRITANNIA	2011	1087	473	119			3690
MS42	42 DERRY	1581	1454	138				3173
MS43	43 MATHESON-ARGENTIA	124	84	46				254
MS44	44 MISSISSAUGA ROAD	2416	764	274	202	52		3707
MS45	45 WINSTON CHURCHILL	1022	839	179	16			2056
MS46	46 TENTH LINE-OSPREY	636	171	58				864
MS48	48 ERIN MILLS	465	118	122	43			749
MS49	49 MCDOWELL	133	20	22				176
MS51	51 TOMKEN	1256	731	309		26		2322
MS53	53 KENNEDY	861	598	58	19			1535
MS57	57 COURTNEYPARK	1217	538	415	7			2177
MS61	61 MAVIS	2904	1220	178	98			4400
MS66	66 MCLAUGHLIN	1340	1164	156	8			2668
MS68	68 TERRY FOX	375	194					570
MS70	70 KEATON	209	42	206	154			612
MS71	71 SHERIDAN-SUBWAY	127	79	106				312
MS73	73 KAMATO		8					8
MS74	74 EXPLORER	127	21	90	11			250
MS76	76 CITY CENTRE-SUBWAY	339	172	291				802
MS87	87 MEADOWVALE-SKYMARK	54		5				59

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
MS90	90 TERRAGAR-COPENHAGEN LOOP	549	80	42	13			684
MS101	101 DUNDAS EXPRESS	2139	761	353	43			3295
MS103	103 HURONTARIO EXPRESS	2067	1085	140	6			3298
MS107	107 MALTON EXPRESS	1341	1093	132	39			2605
MS108	108 MEADOWVALE BUSINESS EXPRESS	569	516	398	52			1535
MS109	109 MEADOWVALE EXPRESS	2209	2731	816	31			5787
MS110	110 UNIVERSITY EXPRESS	2115	1031	427				3574
MS302	302 PHILIP POCOCK-BLOOR WEST	31						31
MS306	306 STREETSVILLE-TERRY FOX	12	24					35
MS313	313 STREETSVILLE-MEADOWVALE		16					16
MS315	315 RICK HANSEN-CITY CENTRE	54						54

NIAGARA REGION

NR025	25 PORT COLBORNE LINK	14						14
NR040	40 NIAGARA COLLEGE NOTL CAMPUS	332	29	8				369
NR045	45 NIAGARA COLLEGE NOTL CAMPUS	281	130	71				482
NR050	50 BROCK UNIVERSITY - ST. CATHARINES	97	267					364
NR055	55 BROCK UNIVERSITY - NIAGARA FALLS	298	30		58			386
NR060	60 NIAGARA COLLEGE - WELLAND CAMPUS	58	262					320
NR065	65 NIAGARA FALLS	271	58					328
NR070	70 BROCK UNIVERSITY - NIAGARA COLLEGE WELLAND CAMPUS	225	222	175				621
NR075	75 BROCK UNIVERSITY - ST. CATHARINES	485	301					786
NR101	101 ROUTE	48	70					118
NR103	103 ROUTE	499	137					636
NR104	104 ROUTE	308	272					580
NR105	105 ROUTE	352	108	62				522
NR106	106 ROUTE	75	39					114
NR107	107 ROUTE	39	39					77
NR108	108 ROUTE	35	10					45
NR109	109 ROUTE		34					34

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
NR110	110 ROUTE	212	98					310
NR111	111 ROUTE	270	143					413
NR112	112 ROUTE	83	76					158
NR113	113 ROUTE	53						53
NR114	114 ROUTE	121	40					162
NR203	203 ROUTE			42				42
NR204	204 ROUTE	169	42					210
NR205	205 ROUTE		175					175
NR206	206 ROUTE	39	147					186
NR214	214 ROUTE		81		9			90
NR301	301 HOSPITAL	182	135					317
NR302	302 ONTARIO ST.	225	334					559
NR303	303 PELHAM RD.	237	235					472
NR304	304 OAKDALE AV. - PEN CENTRE	45	35					81
NR305	305 HAIG ST. - LINWELL RD.	269	11					281
NR306	306 LAKE ST.	53	16					69
NR307	307 NIAGARA ST.	239	26	6				271
NR308	308 GRANTHAM AV.	345	114					458
NR309	309 GENEVA ST.	249	94	10				353
NR310	310 GLENRIDGE AV. - PEN CENTRE	94	194					288
NR311	311 HARTZEL RD.	60	303					364
NR312	312 VINE ST.	219	167	44				430
NR314	314 SCOTT ST.	40						40
NR315	315 WEST ST. CATHARINES	224	23					247
NR316	316 BROCK - GLENRIDGE	542	248	4				794
NR317	317 BUNTING RD.	333	111					445
NR318	318 SECORD WOODS	63						63
NR320	320 THOROLD	269	9					278
NR321	321 CONFEDERATION	130						130
NR322	322 THOROLD SOUTH					23		23
NR323	323 WEST BROCK COMMUTER	127	48					175
NR324	324 BROCK - TUPPER	298						298
NR331	331 BROCK - RICHMOND	274						274
NR332	332 BROCK - RICHMOND - TOWPATH	303						303
NR335	335 PEN - BROCK			16				16
NR336	336 PEN - GLENDALE - BROCK	9	9					18
NR337	337 CROSSTOWN	210	37					248
NR401	401 HOSPITAL	33	3					36
NR404	404 OAKDALE AV.	67	58		13			138

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
NR406	406 LAKE ST.	64	21					85
NR408	408 GRANTHAM AV.	53		5				57
NR409	409 GENEVA ST.		16	13				29
NR410	410 GLENRIDGE - PEN CENTRE	38	31					69
NR412	412 VINE ST.	64	33					97
NR415	415 WEST ST. CATHARINES	70	50					120
NR416	416 BROCK - GLENRIDGE	238	98					335
NR417	417 BUNTING RD.	126	24					150
NR418	418 SECORD WOODS		9					9
NR420	420 THOROLD	98	4					103
NR423	423 WEST BROCK COMMUTER	28						28
NR431	431 BROCK - RICHMOND			8				8
NR435	435 PEN - BROCK	93						93
NR501	501 BROADWAY	200						200
NR502	502 RICE ROAD	40	28					68
NR503	503 FIRST AV	756	29					785
NR504	504 FITCH ST	74	74					149
NR505	505 LINCOLN - WELLINGTON	180	104					284
NR506	506 ONTARIO RD	173	135					308
NR508	508 WOODLAWN	201	87					288
NR509	509 NIAGARA ST	759	27					787
NR901	BLUE LINE				18			18
NR902	GREEN LINE			262				262
NR903	RED LINE	105						105
FE02	FORT ERIE ON DEMAND	78						78
NI98	CHAIR-A-VAN (NIAGARA FALLS)	28						28
NL98	ON DEMAND ROUTE	19						19
SC98	PARATRANSIT (ST. CATHERINES)	853						853
NR98	NIAGARA SPECIALIZED TRANSIT (NST)	92						92

OAKVILLE

OA01	1 TRAFALGAR	143	472	45				661
OA03	3 THIRD LINE	376	112	21	51			560
OA04	4 SPEERS-CORNWALL	331	246	71	24			672
OA05	5 DUNDAS	569	343	46	10	5		973
OA052	5A DUNDAS	637	212	38				887
OA06	6 UPPER MIDDLE	169	83	21				274
OA11	11 LINBROOK	179	124	6				308
OA12	12 WINSTON PARK	25	41	41				107
OA13	13 WESTOAK TRAILS	595	480	12				1088

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
OA14	14 LAKESHORE WEST	434	193	35				662
OA142	14A LAKESHORE WEST	299	272					571
OA15	15 BRIDGE	119	10					129
OA18	18 GLEN ABBEY SOUTH	37	37	10				84
OA19	19 RIVER OAKS	845	282	10				1136
OA20	20 NORTHRIDGE	246	110	3				359
OA24	24 SOUTH COMMON	1064	303	314	30			1711
OA26	26 FALGARWOOD	115	48	3				166
OA28	28 GLEN ABBEY NORTH	180	259	6	6			451
OA34	34 PINE GLEN	4	339					343
OA80	80 HOLY TRINITY	23						23
OA83	83 BLAKELOCK		12					12
OA120	120 EAST INDUSTRIAL	10						10
OA190	190 RIVER OAKS EXPRESS		25					25
OA98	CARE-A-VAN	53						53

ORILLIA

OR01	LACIE ROUTE	72	24					95
OR021	WEST RIDGE VIA COLDWATER	507	303					809
OR022	WEST RIDGE VIA OLD BARRIE	171	8					180
OR03	SOUTH ROUTE	46	25					71
OR04	NORTH ROUTE	603	36					639
OR05	GEORGIAN ROUTE	202	251					452

ORANGEVILLE

OV01	BLUE ROUTE	87	56					143
OV02	ORANGE ROUTE	442	58					500
OV03	GREEN ROUTE	151	25					177

PETERBOROUGH

PE02	2 CHEMONG	249	125					374
PE03	3 PARK	118						118
PE04	4 WELLER	350	21					371
PE05	5 THE PARKWAY	53			11			64
PE06	6 SHERBROOKE	2266	4				4	2274
PE07	7 LANSDOWNE	585	37					621
PE08	8 MONAGHAN	996	21					1017
PE09	9 PARKHILL	28						28
PE10	10 TECHNOLOGY DRIVE	34						34
PE11	11 WATER	618						618
PE22	22 COMMUNITY BUS BLUE		4					4

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
PE98	ACCESSIBLE VAN SERVICE	58						58

PORT HOPE

PH01	EXPRESS COBOURG SHUTTLE	90						90
PH02	ROUTE A	71						71
PH04	ROUTE B	20	117					137

PEEL REGION

PL98	TRANSHELP	1092	46					1138
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SIMCOE COUNTY LINX

SL01	1 PENETANGUISENE/MIDLAND TO BARRIE	78						78
SL02	2 WASAGA BEACH TO BARRIE	61	98					159
SL03	3 ORILLIA TO BARRIE		69					69
SL04	4 COLLINGWOOD TO WASAGA BEACH	301	4	51				356
SL05	5 NEW TECUMSETH TO BRADFORD WEST GWHILLIMBURY	98		7				106

TTC BUS / STREETCAR

T007	7 BATHURST	6350	2101	1050	235	36		9774
T008	8 BROADVIEW	420	191	123	4			738
T009	9 BELLAMY	1553	611	186			5	2354
T010	10 VAN HORNE	335	95	69				500
T011	11 BAYVIEW	4316	1814	717	230	35		7113
T012	12 KINGSTON ROAD	4355	984	982	29			6349
T013	13 AVENUE ROAD	1629	47	13	38			1726
T014	14 GLENCAIRN	1389	690	325	68			2472
T015	15 EVANS	1035	317	610	220			2183
T016	16 MCCOWAN	3561	793	1321	247			5923
T017	17 BIRCHMOUNT	3501	1430	1287	20	17		6255
T019	19 BAY	2119	344	295	33			2791
T020	20 CLIFFSIDE	1514	1104	426				3044
T021	21 BRIMLEY	2264	437	418	210			3329
T022	22 COXWELL	1373	688	502	73			2637
T023	23 DAWES	2236	607	665	100			3608
T024	24 VICTORIA PARK	9153	2802	1598	242	32		13827
T025	25 DON MILLS	9588	3532	1923	415	223		15682
T026	26 DUPONT	1300	464	206	28			1997

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
T028	28 BAYVIEW SOUTH	465	199	34	24	9		730
T029	29 DUFFERIN	11411	3963	2390	351		4	18118
T030	30 HIGH PARK	123	44	38				205
T031	31 GREENWOOD	1568	725	404	31	35		2763
T032	32 EGLINTON WEST	12146	5379	1912	368	284		20089
T033	33 FOREST HILL	604	108	104	58			874
T034	34 EGLINTON EAST	6464	2325	1135	396			10320
T035	35 JANE	10241	3876	2485	268	104		16974
T036	36 FINCH WEST	12172	3678	1917	603	104		18473
T037	37 ISLINGTON	4476	2029	1143	142	5		7795
T038	38 HIGHLAND CREEK	2780	1569	289	141			4779
T039	39 FINCH EAST	7140	5624	1002	53	145		13964
T040	40 JUNCTION-DUNDAS WEST	1600	532	424	53			2608
T041	41 KEELE	8556	3591	1562	136	6		13851
T042	42 CUMMER	3388	1129	184	84			4784
T043	43 KENNEDY	5504	2835	1342	29			9709
T044	44 KIPLING SOUTH	1492	864	539	153			3047
T045	45 KIPLING	5125	1921	1391	89	34	23	8582
T046	46 MARTIN GROVE	2401	634	804	20			3858
T047	47 LANSLOWNE	5659	1914	1478	279	6		9337
T048	48 RATHBURN	853	745	330				1929
T049	49 BLOOR WEST	1233	291	522	11			2056
T050	50 BURNHAMTHORPE	595	546	370				1511
T051	51 LESLIE	2462	615	554		76		3708
T052	52 LAWRENCE WEST	11509	7792	1965	454			21720
T053	53 STEELES EAST	5176	3206	963	113			9457
T054	54 LAWRENCE EAST	12335	4821	855	320	9		18341
T055	55 WARREN PARK	105	78	132	11			325
T056	56 LEASIDE	1676	476	308	115			2575
T057	57 MIDLAND	2841	1339	722	114	9		5026
T059	59 MAPLE LEAF	854	530	301				1685
T060	60 STEELES WEST	6454	3970	871	100	23		11419
T061	61 AVENUE ROAD NORTH	969	779	103	58	26		1935
T062	62 MORTIMER	1357	321	84	10			1772
T063	63 OSSINGTON	7911	2828	2113	268			13121
T064	64 MAIN	1619	401	793	89			2902
T065	65 PARLIAMENT	1377	415	421	10			2222
T066	66 PRINCE EDWARD	2496	1033	1025	111			4664
T067	67 PHARMACY	2846	905	727	14			4493
T068	68 WARDEN	5864	2695	1137	157	22		9876
T069	69 WARDEN SOUTH	1345	522	715	8			2591

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
T070	70 O'CONNOR	1725	656	413	97			2890
T071	71 RUNNYMEDE	1831	660	594	51			3136
T072	72 PAPE	3888	1324	1206	223			6641
T073	73 ROYAL YORK	4681	2120	1128	22			7951
T074	74 MOUNT PLEASANT	1611	160	262	20		38	2091
T075	75 SHERBOURNE	2544	825	767	83			4220
T076	76 ROYAL YORK SOUTH	2488	1437	1067	92			5084
T077	77 SWANSEA	1362	187	477	116			2142
T078	78 ST. ANDREWS	528	515	90	77			1210
T079	79 SCARLETT RD.	2837	491	735	40	16		4119
T080	80 QUEENSWAY	1541	834	162	98	4		2638
T081	81 THORNCLIFFE PARK	2351	593	1087	118			4149
T082	82 ROSEDALE	467	67	296				830
T083	83 JONES	951	207	502	243	6		1910
T084	84 SHEPPARD WEST	7830	3356	1266	468	352		13273
T085	85 SHEPPARD EAST	10216	3977	1528	387	230		16339
T086	86 SCARBOROUGH	4459	2897	981	183			8521
T087	87 COSBURN	4657	1271	969	7			6904
T088	88 SOUTH LEASIDE	1809	575	498	26			2908
T089	89 WESTON	4527	1476	1357	73	16		7450
T090	90 VAUGHAN	1333	604	510	270			2718
T091	91 WOODBINE	2200	355	581	207			3343
T092	92 WOODBINE SOUTH	707	457	523				1687
T093	93 PARKVIEW HILLS	289		171	18			478
T094	94 WELLESLEY	2908	1192	497	45	119		4761
T095	95 YORK MILLS	9777	5018	1322	304			16421
T096	96 WILSON	7302	3979	1178	245	22		12726
T097	97 YONGE	1189	440	189	9			1827
T098	98 WILLOWDALE-SENLAC	867	159	65	53			1145
T099	99 ARROW ROAD	48						48
T100	100 FLEMINGDON PARK	5346	1239	1877	369			8831
T101	101 DOWNSVIEW PARK	251	10	42	208			511
T102	102 MARKHAM RD.	7130	3644	1480	242			12495
T104	104 FAYWOOD	826	220		18			1065
T105	105 DUFFERIN NORTH	1098	476	294	149			2017
T106	106 SENTINEL	1112	308	303		148		1871
T107	107 YORK UNIVERSITY HEIGHTS	227		43				270
T108	108 DRIFTWOOD	3250	760	721	147			4879
T109	109 RANEE	1466	426	305	314			2510
T110	110 ISLINGTON SOUTH	3147	1122	1543	102			5914
T111	111 EAST MALL	2500	658	830	327			4315

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
T112	112 WEST MALL	3035	1138	957	25			5155
T113	113 DANFORTH ROAD	1345	386	452	94			2278
T115	115 SILVER HILLS	602	82	15				700
T116	116 MORNINGSIDE	7558	3842	1186	78			12665
T118	118 THISTLE DOWN	472	284	101	27	28		911
T119	119 TORBARRIE	1635	240	93	258			2226
T120	120 CALVINGTON	430	285	76				792
T121	121 ESPLANADE-RIVER	846	118	110		10		1084
T122	122 GRAYDON HALL	1733	958	447				3138
T123	123 SHERWAY	3032	1332	1016	24			5404
T124	124 SUNNYBROOK	1662	441	772	220	62		3157
T125	125 DREWRY	1767	985	635				3387
T126	126 CHRISTIE	1102	261	350	41			1754
T127	127 DAVENPORT	683	167	284	90			1223
T129	129 MCCOWAN NORTH	4376	1379	615	423	112		6906
T130	130 MIDDLEFIELD	591	403	155	242			1392
T131	131 NUGGET	1563	571	257	5	7		2403
T132	132 MILNER	1880	332	440	331			2983
T133	133 NEILSON	3182	836	266	119			4403
T134	134 PROGRESS	2321	417	224	368	21		3350
T135	135 GERRARD	1007	441	113	20			1581
T160	160 BATHURST NORTH	687	407	48				1141
T161	161 ROGERS ROAD	1812	415	368				2594
T162	162 LAWRENCE-DONWAY	353	138	30				520
T165	165 WESTON RD. NORTH	4570	1910	929	42			7452
T167	167 PHARMACY NORTH	407	296	171	8			881
T168	168 SYMINGTON	1506	646	615	93			2861
T169	169 HUNTINGWOOD	420	183	188	24			815
T171	171 MOUNT DENNIS	64	42					106
T176	176 MIMICO GO	25	15					40
T189	189 STOCKYARDS	396	336	181				914
T300	300 BLOOR-DANFORTH NIGHT BUS	495	381					876
T301	301 QUEEN	109	33					142
T302	302 KINGSTON RD-MCCOWAN NIGHT BUS	25						25
T304	304 KING	272	37		39			349
T306	306 CARLTON	4	110					114
T307	307 BATHURST NIGHT BUS	70	138					208
T310	310 SPADINA	147	79	34				260

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
T312	312 ST.CLAIR-JUNCTION NIGHT BUS	7						7
T315	315 EVANS - BROWN'S LINE NIGHT BUS		123	8				131
T320	320 YONGE NIGHT BUS	176	44	19	9			248
T322	322 COXWELL NIGHT BUS	21						21
T324	324 VICTORIA PARK NIGHT BUS	25		17				42
T325	325 DON MILLS NIGHT BUS	8	50	32				90
T329	329 DUFFERIN NIGHT BUS	15						15
T332	332 EGLINTON WEST NIGHT BUS	86	41					127
T334	334 EGLINTON EAST NIGHT BUS	172	27					200
T335	335 JANE NIGHT BUS	19						19
T336	336 FINCH WEST NIGHT BUS	307	156					463
T337	337 ISLINGTON NIGHT BUS	187						187
T339	339 FINCH EAST NIGHT BUS	68		54				122
T343	343 KENNEDY NIGHT BUS	95	17					111
T352	352 LAWRENCE WEST NIGHT BUS	48	48					96
T353	353 STEELES NIGHT BUS	28	53	8				88
T354	354 LAWRENCE EAST NIGHT BUS	178	48	10				236
T363	363 OSSINGTON NIGHT BUS		4					4
T384	384 SHEPPARD WEST NIGHT BUS	65						65
T385	385 SHEPPARD EAST NIGHT BUS	42	4	22				68
T395	395 YORK MILLS NIGHT BUS	86						86
T396	396 WILSON NIGHT BUS	10						10
T403	403 DON MILLS SOUTH	14						14
T404	404 EAST YORK	126	126					252
T405	405 ETOBICOKE	17						17
T501	501 QUEEN	29950	4033	1317	699	96		36094
T503	503 KINGSTON RD	3231	430	84				3745
T504	504 KING	29703	7072	3645	1175	28		41623
T505	505 DUNDAS	13939	2032	1212	320	4		17506
T506	506 CARLTON	13018	1874	894	128	27		15941
T509	509 HARBOURFRONT	6061	2673	601	450			9785
T510	510 SPADINA	12798	5081	2533	512	138		21063
T511	511 BATHURST	7635	2789	1245	680	4		12353
T512	512 ST. CLAIR	13014	6050	1586	250	160	6	21067
T900	900 AIRPORT EXPRESS	786	356	534	51			1726
T902	902 MARKHAM RD EXPRESS	1416	352	629	73			2470

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
T903	903 KENNEDY-SCARBOROUGH CENTRE EXPRESS		62					62
T905	905 EGLINTON EAST EXPRESS	3297	1063	907	207			5473
T913	913 PROGRESS EXPRESS	45		21				66
T924	924 VICTORIA PARK EXPRESS	725	239	451				1415
T925	925 DON MILLS EXPRESS	3390	1481	552	62	6		5491
T927	927 HIGHWAY 27 EXPRESS	4810	2472	1856	155	6		9299
T929	929 DUFFERIN EXPRESS	1438	826	234				2498
T935	935 JANE EXPRESS	895	106	251	259			1510
T937	937 ISLINGTON EXPRESS	294	217	91				601
T938	938 HIGHLAND CREEK EXPRESS	181						181
T939	939 FINCH EXPRESS	5383	3754	850	276			10264
T941	941 KEELE EXPRESS	291	14	178				484
T943	943 KENNEDY EXPRESS	69	138	5				212
T944	944 KIPLING SOUTH EXPRESS	581	352	132	34			1099
T945	945 KIPLING EXPRESS	401	223	156				780
T952	952 LAWRENCE WEST EXPRESS	717	310	46	25	30		1128
T953	953 STEELES EAST EXPRESS	516	541	149	53			1260
T954	954 LAWRENCE EAST EXPRESS	74	147	54				275
T960	960 STEELES WEST EXPRESS	2535	2113	263	65			4976
T968	968 WARDEN EXPRESS	354	381	44				779
T984	984 SHEPPARD WEST EXPRESS	574	578	29	90			1272
T985	985 SHEPPARD EAST EXPRESS	1740	773	259	190	4		2967
T986	986 SCARBOROUGH EXPRESS	575	244	384	9			1212
T989	989 WESTON EXPRESS	373	120	139				633
T995	995 YORK MILLS EXPRESS	1753	914	11	73			2750
T996	996 WILSON EXPRESS	2016	1391	268	44			3719
T498	WHEELTRANS	8931	72					9003

TTC SUBWAY

T593	YONGE-UNIVERSITY WEST	124665	81071	27286	3266	498		236786
T594	YONGE-UNIVERSITY EAST	172743	105099	33722	2942	33		314539
T596	BLOOR DANFORTH	138057	183499	20872	1241	10		343678
T597	SCARBOROUGH RT	4581	7798	4571	342			17292
T598	SHEPPARD	11125	12467	3801	1270	15	23	28701

WASAGA BEACH

WB01	1 WASAGA BEACH	106						106
WB02	2 WASAGA BEACH	12		48				60

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
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WELLINGTON COUNTY

WC01	ON DEMAND ROUTE		30					30
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YORK

Y001	1 HIGHWAY 7	958	432	50				1439
Y002	2 MILLIKEN	951	432	229	127			1739
Y003	3 THORNHILL	788	266	67				1121
Y004	4 MAJOR MACKENZIE	1627	938	172				2737
Y004A	004A MAJOR MACKENZIE	232	239	115				585
Y005	5 CLARK	469	309	64				842
Y007	7 MARTIN GROVE	557	229	301				1087
Y008	8 KENNEDY	332	549	98				980
Y009	9 TH LINE	683	143	235				1060
Y010	10 WOODBRIDGE		7			5		13
Y012	12 PINE VALLEY	113	193					306
Y013	13 ISLINGTON	119	69	104	19			311
Y014	14 TH AVENUE	916	88	26	5			1035
Y016	16 TH AVENUE	796	340	49	7		22	1214
Y018	18 BUR OAK	538	14	49				601
Y020	20 JANE	2483	1300	769	154			4705
Y023	23 THORNHILL WOODS	152	225	56				433
Y024	24 WOODBINE AVENUE	933	203	249	138	35		1559
Y025	25 MAJOR MACKENZIE	237	98					336
Y026	26 MAPLE	729	276	593		98		1695
Y032	32 AURORA SOUTH	111	164					275
Y033	33 WELLINGTON	107	18					125
Y033A	033A WELLINGTON	24	115	4				143
Y040	40 UNIONVILLE LOCAL	274						274
Y044	44 BRISTOL	16						16
Y050	50 QUEENSWAY	581	87	54				722
Y052	52 HOLLAND LANDING	27	68					94
Y054	54 BAYVIEW	384	130	16				530
Y055	55 DAVIS DRIVE	37	4	8	9			57
Y056	56 GORHAM - EAGLE	27			72			99
Y057	57 MULOCK	434	132					566
Y057A	057A MULOCK	19						19
Y077	77 HIGHWAY 7	1340	1222	419	36			3017
Y080	80 ELGIN MILLS	394	172	26				592
Y081	81 INSPIRATION	77	29					106
Y082	82 VALLEYMEDE	82	67	7				156

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
Y083	83 TRENCH	345	116	64				525
Y083A	083A TRENCH	78	52					130
Y084	84 OAK RIDGES		182					182
Y085	85 RUTHERFORD	1637	669	182				2488
Y085C	085C RUTHERFORD-16TH AVENUE	91	139					230
Y086	86 NEWKIRK - RED MAPLE	330	85	223	77			715
Y087	87 AUTUMN HILL	138	90	21				249
Y088	88 BATHURST	2499	907	347	61	14		3827
Y090	90 LESLIE	2128	750	584	338			3799
Y090B	090B LESLIE	51	63	48		42		204
Y091	91 BAYVIEW	1354	718	464	51			2587
Y091A	091A BAYVIEW	303	116	13				431
Y091B	091B BAYVIEW	95	54	80				228
Y096	96 KEELE - YONGE	870	824	254				1947
Y098	98 YONGE	175	91	9	43			317
Y098E	098E YONGE LIMITED EXPRESS		93	176				269
Y098099	098 099 YONGE	164	123					287
Y099	99 YONGE	994	395	156	37			1582
Y105	105 DUFFERIN	1137	619	402				2157
Y107	107 KEELE	457	384	178	24			1043
Y107B	107B KEELE	170	116	54	13			353
Y165	165 WESTON	1188	452	79	23			1741
Y165F	165F WESTON	127	25	45				197
Y201	201 MARKHAM GO SHUTTLE	4	29					32
Y202	202 UNIONVILLE GO SHUTTLE			15				15
Y222	222 AURORA-NEWMARKET GO SHUTTLE	11		11				21
Y240	240 MILL POND GO SHUTTLE		15					15
Y300	300 BUSINESS EXPRESS	378	304	98				779
Y301	301 MARKHAM EXPRESS	73	17	43				133
Y302	302 UNIONVILLE EXPRESS	108	122	24				253
Y303	303 BUR OAK EXPRESS	343	438	65				846
Y304	304 MOUNT JOY EXPRESS	221	247					468
Y305	305 BOX GROVE EXPRESS	5	5	6				15
Y361	361 NASHVILLE EXPRESS (VAUGHAN)	19	19	19				56
Y401	401 BROTHER ANDRE SS VIA BOX GROVE	32						32
Y402	402 BUR OAK / PIERRE ELLIOT TRUDEA SS	26	73					100

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
Y404	404 MARKVILLE SECONDARY SCHOOL SPECIAL	31						31
Y405	405 ST AUGUSTINE SS	15						15
Y406	406 MARKHAM DISTRICT SS		31					31
Y410	410 MARKHAM DISTRICT SS VIA CARLTON	37	42					79
Y411	411 MARKHAM DISTRICT SS VIA BOX GROVE		57					57
Y413	413 ST ROBERT/THORNLEA SS VIA JOHN	30						30
Y415	415 STOUFFVILLE HIGH SS	49						49
Y417	417 BILL HOGARTH SS	41	20	5				66
Y418	418 PIERRE ELLIOT TRUDEAU SS	216						216
Y420	420 NEWMARKET HIGH SS VIA SAVAGE	84						84
Y423	423 NEWMARKET HIGH SS VIA BRISTOL	92						92
Y425	425 HURON HTS SS VIA HOLLAND LANDING	10	9					19
Y426	426 G.W. WILLIAMS SS VIA HOLLIDGE	320	9					329
Y427	427 SACRED HEART SS VIA NEWMARKET HIGH	78						78
Y429	429 CARDINAL CARTER SS	123						123
Y430	430 SACRED HEART SCHOOL SPECIAL	8	49					57
Y432	432 AURORA HIGH SS	15						15
Y434	434 CARDINAL CARTER SS VIA WELLINGTON	58	7	44				109
Y440	440 ST THERESA SS VIA MILL		40					40
Y443	443 LANGSTAFF SS VIA SHAFTSBURY	16	4					20
Y444	444 LANGSTAFF SS VIA BAYVIEW	16	47					63
Y445	445 ST ROBERT SS TO BERNARD TERM	13						13
Y446	446 ST THERESA SS VIA MACCALLUM	234						234
Y447	447 ST THERESA SS VIA JEFFERSON FOREST	64						64
Y448	448 RICHMOND HILL HIGH SS VIA VALLEYMED	40	7					47

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
Y450	450 ST THERESA SS VIA TOWER HILL	18		19				37
Y461	461 EMILY CARR SS	31						31
Y462	462 MAPLE HIGH SS	8	51					59
Y464	464 ST JOAN OF ARC SS VIA AMERICA	48						48
Y467	467 TOMMY DOUGLAS SS VIA ST JEAN	23	5					28
Y468	468 EMILY CARR SS VIA KLEINGBURG		17					17
Y470	470 WESTMOUNT SS VIA THORNHILL WOODS	14						14
Y471	471 STEPHEN LEWIS SS VIA LANGSTAFF SS	39						39
Y522	522 MARKHAM LOCAL	173	64					238
Y720	720 HWY 407 TERMINAL/WONDERLAND	104	57					161
Y760	760 VAUGHAN MILLS / WONDERLAND		16	50				66
Y900	BLUE / BLUE A VIVA	5410	3656	821	199			10086
Y901	PURPLE / PURPLE A VIVA	2269	1750	885	50	25		4978
Y902	GREEN VIVA	66	66					132
Y903	PINK VIVA	30		4				33
Y904	ORANGE VIVA	953	1181	237	14			2385
Y905	YELLOW VIVA	169	161	10	29			368
Y600	MOBILITY ON DEMAND	571	13					584

GO BUS

GB12	12 NIAGARA FALLS / TORONTO	445	826	99	8	4		1382
GB15	15 BRANTFORD / ALDRESHOT	391	814	156	4	15		1379
GB16	16 HAMILTON / TORONTO EXPRESS	276	247	31	5			560
GB17	17 WATERLOO / HAMILTON	176	118					295
GB18	18 LAKESHORE WEST	86	626	87				799
GB19	19 MISSISSAUGA / NORTH YORK	542	1387	363		21		2313
GB21	21 MILTON	573	713	125	6			1418
GB25	25 WATERLOO / MISSISSAUGA	539	325	240	57			1162
GB27	27 MILTON / NORTH YORK	762	854	261	7			1883
GB29	29 GUELPH / MISSISSAUGA	783	538	165				1486
GB30	30 KITCHENER / BRAMALEA	205	195	253	17			669
GB31	31 GEORGETOWN	90	145	51				286

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
GB32	32 BRAMPTON TRINITY COMMON / NORTH YORK	460	980	349	157			1946
GB33	33 GUELPH / NORTH YORK	557	906	240				1704
GB34	34 PEARSON AIRPORT / NORTH YORK	209	10					219
GB36	36 BRAMPTON / NORTH YORK EXPRESS	280	305	8				594
GB37	37 ORANGEVILLE / BRAMPTON	70	61	23				154
GB38	38 BOLTON / MALTON	232	78	84				393
GB40	40 HAMILTON / RICHMOND HILL	1621	2396	490	129			4636
GB46	41 HAMILTON / PICKERING, 45 MISSISSAUGA / HWY 407 TERMINAL, 47 HAMILTON / HWY 407 TERMINAL, 48 GUELPH / HWY 407 TERMINAL	5767	4200	839	65			10870
GB52	52 OSHAWA / HWY 407 TERMINAL, 54 MARKHAM / HWY 407 TERMINAL	659	1088	39	90			1877
GB56	56 OSHAWA / OAKVILLE	1796	1268	404	87	16		3570
GB61	61 RICHMOND HILL	59	274	21				354
GB65	63 KING CITY / TORONTO, 65 NEWMARKET / TORONTO, 68 BARRIE / NEWMARKET	110	272	27		10		420
GB66	66 EAST GWILLIMBURY / NEWMARKET / NORTH YORK	171	199	8	8			386
GB67	67 KESWICK / NORTH YORK	42	6	43				92
GB71	70 UXBRIDGE / MOUNT JOY, 71 STOUFFVILLE	174	164	110				447
GB81	81 BEAVERTON / PORT PERRY / WHITBY	69	314	36				419
GB88	88 PETERBOROUGH / OSHAWA	218	292	126	13	4		653
GB90	90 LAKESHORE EAST	36	87					123
GB92	92 OSHAWA / YORKDALE	738	453	257	21	7		1476
GB94	94 PICKERING / SQUARE ONE	600	307	11	18			936
GB96	96 OSHAWA / FINCH EXPRESS	618	594	59				1271

GO TRAIN

GT01	LAKESHORE WEST	26422	7400	812	131			34765
GT02	MILTON	8005	1881	104	18			10009
GT03	KITCHENER	10975	4146	442	23			15586
GT05	BARRIE	9213	1438	94	15			10759
GT06	RICHMOND HILL	2640	467	145		4		3256

Transit Routes

Code	Route Name	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total
GT07	STOUFFVILLE	7086	1268	56	6			8416
GT09	LAKESHORE EAST	21501	5786	572	114			27974

UP EXPRESS

GT10	UNION PEARSON EXPRESS	3326	1306	59	32			4723
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NON-MUNICIPAL

SN97	SENECA COLLEGE PRIVATE SHUTTLE	54		48				102
UT01	UTM SHUTTLE BUS	390	17		4			411
XA98	TOK COACHLINES	77						77
XB99	CHARTER BUS	430						430
XF99	ISLAND FERRY	704	52	47	43			847
XH98	FLIXBUS	132						132
XH99	GREY HOUND	327						327
XM99	MEGABUS	484	513	87				1084
XN98	ONTARIO NORTHLAND BUS	138	45	9				193
XQ99	COMPANY BUS	82		32		9		123
XR99	VIA RAIL	1817	490	77	54			2439
XS01	SUNNYBROOK SHUTTLE BUS	254						254
XT97	ERINDALE SCHOOL BUS (U OF T) 97	628						628
XT99	PRIVATE BUS	2940	361	243	320	4		3867
XU99	OTHER PRIVATE	130						130

6 UNWEIGHTED AND WEIGHTED FREQUENCY COUNTS

6.1 Household Tabulations

The following tabulations are “number of households” stratified by various categories in the database. The “Number of Records” is the actual number of survey records in the Household file while the “Expanded Frequency” is the total after the expansion factors have been applied. Expanded totals for 2011 only are not valid and are excluded from the tabulations. For all other years, the expanded totals are valid.

Household Tabulations

Table 6-1 Sample type

Variable: sampletype (Sample Type)														
		No of Records						Expanded Frequency						2022%
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	Address and phone	61453	115193	149631	159157	82460	61338					1549625	1209431	32.9%
2	Address only					79226	96719					1762916	2448588	66.6%
3	Phone only					956						22130		
7	Volunteer					66	605					1319	15846	0.4%
	Total	61453	115193	149631	159157	162708	158662					3335990	3673865	

Table 6-2 Survey method

Variable: surveymethod (how survey was completed)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Telephone	61453	115193	149631	132294	56346	13191					1071660	261422	7.1%
2	Online				26863	103256	117390					2207739	2653719	72.2%
3	Mobile						22041						635793	17.3%
4	Mixed Mode (Online/Phone)*					2867	4381					52448	79661	2.2%
5	Mixed Mode (Mobile/Phone)						697						16603	0.5%
6	Mixed Mode (Online/Mobile)						962						26667	0.7%
9	Unknown					239						4143		
	Total	61453	115193	149631	159157	162708	158662					3335990	3673865	

*Survey completion method values for 2016 used different response codes. 2016 values for 'start online, end by phone' (code 3) and 'start by phone, end online' (code 4) are collapsed into the 2022 equivalent of 'Mixed Mode (Online/Phone)' (2022 code 4). The 2011 and 2016 data do not differentiate between online (PC) and mobile completions.

Table 6-3 Survey invitation letter received

Variable: rec_mail (receipt of advance letter)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
9	Unknown		6801	884	2941	4308	605		136835	17181	55957	95726	15846	0.4%
N	No		52100	69652	54502	16781	1890		1051091	1347223	1104478	362362	39720	1.1%
Y	Yes		56292	79095	101714	141619	156167		1129259	1506841	1957076	2877903	3618299	98.5%
	Total		115193	149631	159157	162708	158662		2317185	2871245	3117511	3335990	3673865	

Note: For online survey completions, Yes is assumed.

Household Tabulations

Table 6-4 Official language of survey completion

Variable: language (official language of survey completion recorded)

Code	Description	No of Records					
		1986	1996	2006	2011	2016	2022
1	French	60	25	85	78	221	495
2	English	60791	112808	143169	154420	161542	158167
varies	Other*	602	2360	6377	4659	945	n/a
	Total	61453	115193	149631	159157	162708	158662

*In 2022, the system did not track whether phone surveys were conducted in non-official languages. Individual languages from earlier surveys have been aggregated as Other.

Table 6-5 Regional municipality of households

Variable: region_hhld (regional municipality of household)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Toronto	34370	44643	51612	51961	54350	51436	820776	908505	979314	1009444	1112970	1171021	31.9%
2	Durham	4345	7569	9527	10841	11700	10740	106046	154288	194637	216904	227906	247055	6.7%
3	York	4560	9058	14223	16580	18374	17388	106016	178202	275667	336857	357043	396607	10.8%
4	Peel	7628	13128	17945	19503	22105	19080	186762	266543	359031	414245	430110	455786	12.4%
5	Halton	3942	5865	9209	8926	9772	9272	90212	118403	156931	183694	193099	212514	5.8%
6	Hamilton	6608	8635	9970	10469	6424	9725	156265	179080	194479	204937	211512	225668	6.1%
11	Niagara		8090	8883	9246	9098	8324		156563	169425	175077	183861	198715	5.4%
12	Waterloo		7495	8731	10412	9790	10017		148892	177992	186270	203832	226977	6.2%
13	Guelph		2114	2331	2474	2487	2686		36982	42880	46935	52157	57472	1.6%
14	Wellington		713	1076	1503	1207	1124		15709	19761	20795	22054	24358	0.7%
15	Orangeville		438	549	589	554	502		7788	9429	10403	10565	11163	0.3%
16	Barrie		1565	2085	2416	2956	2600		28560	46536	50623	52476	55845	1.5%
17	Simcoe		2012	5378	6114	5817	5516		40772	97903	107543	117565	136994	3.7%
18	Kawartha Lakes		1271	1709	1592	1556	893		26269	29514	29918	31129	33054	0.9%
19	Peterborough City		1693	1733	1670	1580	1655		30379	31204	32977	34710	36274	1.0%

Household Tabulations

Variable: region_hhld (regional municipality of household)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
20	Peterborough		543	920	1067	931	838		14850	17094	16605	17444	19607	0.5%
21	Orillia			631	751	665	597			12235	12782	13475	14572	0.4%
22	Dufferin			762	507	637	560			9369	10625	11361	12479	0.3%
23	Brantford			1740	1892	1912	1800			35608	37507	39225	42188	1.1%
24	Brant			617	644	793	611			12235	13371	13497	14841	0.4%
25	Northumberland						1601						37680	1.0%
26	The Blue Mountains						158						4610	0.1%
27	Grey						1539						38384	1.0%
99	External		361						5401					
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-6 Planning district of households

Variable: pd_hhld (planning district of household)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	PD 1 of Toronto	2425	3934	4947	6090	7985	8399	64320	78481	100635	115124	155651	187595	5.1%
2	PD 2 of Toronto	2800	4112	4336	4032	4105	4386	73524	82103	82952	78443	93317	92740	2.5%
3	PD 3 of Toronto	3210	4229	4896	4633	4433	4169	80953	88631	90618	89636	94472	96726	2.6%
4	PD 4 of Toronto	3723	4610	5310	5341	5109	5145	87271	92087	95575	95530	102717	108295	2.9%
5	PD 5 of Toronto	1681	2104	2315	2400	2400	2115	40822	43686	45571	47275	48561	48704	1.3%
6	PD 6 of Toronto	3209	4301	4629	4336	4259	4406	79801	86519	87344	82753	91157	90989	2.5%
7	PD 7 of Toronto	794	1095	1250	1435	1665	1641	20608	24061	26244	25465	32584	37589	1.0%
8	PD 8 of Toronto	3040	3368	3743	4017	4141	3698	67996	68930	70542	74850	79586	82122	2.2%
9	PD 9 of Toronto	930	1308	1532	1422	1398	1122	23216	27463	28619	30439	30505	30791	0.8%
10	PD 10 of Toronto	1906	2204	2495	2585	2399	1800	47253	48613	48163	49792	51584	54646	1.5%
11	PD 11 of Toronto	2287	2747	3820	4036	4412	3934	47957	56589	71925	76608	86552	88842	2.4%
12	PD 12 of Toronto	1214	1396	1488	1431	1583	1458	26356	26864	27479	28300	30358	32808	0.9%

Household Tabulations

Variable: pd_hhld (planning district of household)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
13	PD 13 of Toronto	2844	3533	4069	3919	3799	3504	63056	72588	78923	80822	83815	84927	2.3%
14	PD 14 of Toronto	934	1175	1348	1321	1310	1100	21597	23644	23880	25056	25023	25498	0.7%
15	PD 15 of Toronto	879	1279	1397	1309	1440	1267	22829	25034	27458	28956	29349	29542	0.8%
16	PD 16 of Toronto	2494	3248	4037	3654	3912	3292	53217	63211	73386	80397	77739	79207	2.2%
17	Brock	128	227	301	316	236	199	3447	4172	4422	4509	4543	4864	0.1%
18	Uxbridge	134	211	417	402	435	363	3875	5336	6657	7590	7663	8041	0.2%
19	Scugog	205	273	470	484	469	394	4994	6461	7703	8065	8270	8295	0.2%
20	Pickering	658	1238	1289	1522	1534	1527	14603	23503	28212	30840	30919	34040	0.9%
21	Ajax	508	1064	1302	1612	1858	1696	11568	20956	28617	35487	37549	39955	1.1%
22	Whitby	633	1219	1824	2059	2233	2075	14630	24038	37239	41938	43587	47289	1.3%
23	Oshawa	1652	2368	2544	2927	3270	2827	41971	49716	54919	58558	62537	67880	1.8%
24	Clarington	427	969	1380	1519	1665	1659	10958	20106	26867	29917	32838	36691	1.0%
25	Georgina	308	592	834	856	874	785	8662	12335	15392	16056	16939	18203	0.5%
26	East Gwillimbury	192	345	400	355	443	492	4347	6128	6887	7838	8170	12404	0.3%
27	Newmarket	523	916	1293	1506	1478	1311	10706	18183	25089	28449	28580	30592	0.8%
28	Aurora	296	576	866	890	966	941	6660	11164	15654	18375	18851	22057	0.6%
29	Richmond Hill	649	1578	2532	2905	3301	3065	14708	31472	50998	61093	64125	69909	1.9%
30	Whitchurch-Stouffville	245	268	457	667	695	743	4880	6622	8526	13318	15355	17032	0.5%
31	Markham	1411	2645	4015	4650	5394	5128	33471	49421	77190	94918	102645	111760	3.0%
32	King	184	241	342	299	377	383	4970	5965	6397	6832	8144	9170	0.2%
33	Vaughan	752	1897	3484	4452	4846	4540	17611	36912	69535	89978	94234	105480	2.9%
34	Caledon	318	537	1133	1049	1175	1079	8922	12672	18214	19870	21186	24380	0.7%
35	Brampton	2410	3938	6060	6881	8471	6926	56954	80974	125935	155714	168011	186590	5.1%
36	Mississauga	4900	8653	10752	11573	12459	11075	120886	172896	214882	238662	240913	244816	6.7%
37	Halton Hills	594	667	1090	1051	1097	945	11299	14349	18812	21045	21129	21889	0.6%
38	Milton	437	523	1089	1277	1783	1729	9685	10502	18449	27872	34276	41708	1.1%
39	Oakville	1221	2213	3269	3274	3343	3302	28932	43130	56510	65000	66197	75401	2.1%
40	Burlington	1690	2462	3761	3324	3549	3296	40296	50422	63159	69777	71497	73516	2.0%
41	Flamborough	301	425	703	618	615	793	8474	11220	13083	14037	14943	16760	0.5%

Household Tabulations

Variable: pd_hhld (planning district of household)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
42	Dundas	351	461	566	565	324	477	6887	8661	9386	10563	9917	9901	0.3%
43	Ancaster	259	365	620	630	410	659	5379	7528	10751	13598	13574	15129	0.4%
44	Glanbrook	117	179	334	522	322	534	2976	3489	5618	8143	10500	12256	0.3%
45	Stoney Creek	692	969	1167	1126	817	1178	14007	18188	21204	23697	24607	27634	0.8%
46	Hamilton	4888	6236	6580	7008	3936	6084	118541	129995	134436	134898	137971	143987	3.9%
51	Grimsby		348	530	546	512	508		6845	8744	10346	10409	11546	0.3%
52	Lincoln		282	402	457	440	440		6444	7623	8001	8728	9739	0.3%
53	Pelham		202	352	281	334	307		5078	5934	6500	6467	7054	0.2%
54	Niagara-O-T-L		224	306	384	369	343		4787	5447	6279	7089	7999	0.2%
55	St Catharines		2964	2837	2903	2782	2542		52971	54727	54817	56868	59327	1.6%
56	Thorold		341	371	353	405	378		6636	7053	7038	7466	9598	0.3%
57	Niagara Falls		1528	1537	1760	1743	1566		30086	32485	34250	35765	38427	1.0%
58	Welland		964	1112	1160	1101	966		19100	20717	20862	22481	23939	0.7%
59	Port Colbourne		385	431	437	421	354		7450	7791	7966	8018	8857	0.2%
60	Fort Erie		590	623	575	641	583		11393	12218	12244	13192	14237	0.4%
61	West Lincoln		158	256	252	240	210		3602	4296	4436	4965	5337	0.1%
62	Wainfleet		104	126	138	110	127		2172	2390	2336	2413	2655	0.1%
63	Waterloo		1659	1844	2233	2151	2191		30192	36779	36756	40380	48552	1.3%
64	Kitchener		3386	3689	4391	4318	4457		67725	79218	82949	92186	101822	2.8%
65	Cambridge		1695	2161	2349	2234	2228		35534	43432	45102	48201	52045	1.4%
66	North Dumfries		109	171	203	179	169		2530	3051	3271	3569	3725	0.1%
67	Wilmot		261	321	439	331	373		4706	6093	6859	7533	7969	0.2%
68	Wellesley		120	166	192	172	160		2449	2839	3284	3337	3369	0.1%
69	Woolwich		265	379	605	405	439		5756	6581	8049	8625	9495	0.3%
70	City of Guelph		2114	2331	2474	2487	2686		36982	42880	46935	52157	57472	1.6%
71	Puslinch		36	97	124	134	135		1897	2341	2673	2705	2898	0.1%
72	Eramosa/Guelph (Guelph Twp)		15	203	384	242	221		320	4068	4223	4418	4919	0.1%

Household Tabulations

Variable: pd_hhld (planning district of household)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
73	Centre Wellington(Pilkington)		28	577	587	620	546		763	9544	10041	10823	12272	0.3%
74	Elora		88						1228					
75	Nichol		32						1315					
76	Fergus		215						3249					
77	West Garafraxa		29						1294					
78	Eramosa		125						2111					
79	Erin		145	199	408	211	222		3534	3809	3857	4108	4270	0.1%
80	Orangeville		438	549	589	554	502		7788	9429	10403	10565	11163	0.3%
81	Barrie		1565	2085	2416	2956	2600		28560	46536	50623	52476	55845	1.5%
82	Innisfil		438	675	663	655	596		8795	11402	12323	13376	16081	0.4%
83	Bradford-W Gwillimbury		262	432	461	537	550		6380	7946	9466	11591	13935	0.4%
84	New Tecumseth		429	475	694	630	639		7941	10040	11894	12906	16744	0.5%
85	Adjala-Tosorontio		103	155	217	184	168		2997	3247	3818	3826	3841	0.1%
86	Essa		316	306	244	382	329		5375	5976	6492	7184	8318	0.2%
87	Clearview		231	274	301	259	231		4405	5011	5154	5224	5623	0.2%
88	Springwater		233	319	314	276	305		4879	5941	6175	6716	7720	0.2%
89	Kawartha Lakes (Lindsay)		407	1709	1592	1556	893		7175	29514	29918	31129	33054	0.9%
90	OPS		18						1486					
91	Manvers		169						1876					
92	Mariposa		115						2509					
93	Eldon		69						1416					
94	Carden		7						293					
96	L-D-L		18						754					
97	Somerville		42						925					
98	Bexley		11						461					
99	Fenelon		158						3576					
100	Verulam		66						1711					

Household Tabulations

Variable: pd_hhld (planning district of household)

Code	Description	No of Records		2006	2011	2016	2022	Expanded Frequency		2006	2011	2016	2022	2022% of Total
		1986	1996					1986	1996					
101	Bobcageon		61						1275					
102	Emily		130						2812					
103	Peterborough		1693	1733	1670	1580	1655		30379	31204	32977	34710	36274	1.0%
104	Cavan-Millbrook-N Monaghan (Cavan)		51	163	154	185	169		2327	3019	3147	3150	3643	0.1%
105	North Monaghan		3						57					
106	Otonabee-S. Monaghan (South Monaghan)		29	154	192	166	138		586	2749	2576	2729	2916	0.1%
107	Otonabee		29						1858					
108	Asphodel-Norwood (Asphodel)		65	80	67	71	65		1468	1631	1656	1632	1870	0.1%
109	Dummer-Douro (Dummer)		34	135	181	148	141		1092	2560	2684	2623	3002	0.1%
110	Douro		129						2214					
111	Lakefield-Smith- Ennismore (Smith)		113	388	473	361	325		3634	7136	6542	7310	8176	0.2%
112	Ennismore		90						1615					
113	Northumberland		361						5401					
124	Brant			617	644	793	611			12235	13371	13497	14841	0.4%
127	Collingwood			450	567	487	476			7317	8439	9650	11489	0.3%
128	Wasaga Beach			383	457	531	461			6235	7366	9005	11229	0.3%
129	Tiny & Christian Island 30			233	336	248	236			4525	4867	5130	5782	0.2%
130	Penetanguishene			215	243	209	178			3489	4041	3679	4031	0.1%
131	Midland			386	378	358	342			6898	7290	7374	7947	0.2%
132	Tay			211	201	207	176			3836	3876	4127	4685	0.1%
133	Oro-Medonte			403	505	380	394			7323	7712	7967	8817	0.2%
134	Severn			244	299	251	226			4629	4762	5492	5920	0.2%
135	Ramara			217	234	223	209			4088	3869	4318	4833	0.1%
136	Orillia			631	751	665	597			12235	12782	13475	14572	0.4%

Household Tabulations

Variable: pd_hhld (planning district of household)

Code	Description	No of Records		Expanded Frequency								2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
140	Mulmur			84	75	96	97			1195	1301	1333	1396	0.0%
141	Shelburne			207	151	110	116			1851	2285	2787	3094	0.1%
142	Amaranth			113	46	74	55			1241	1272	1265	1388	0.0%
143	Melancthon			42	30	38	42			1004	1090	1037	1041	0.0%
144	Mono Township			137	115	164	136			2340	2755	2926	3189	0.1%
145	East Luther Grand Valley			121	31	32	61			966	1037	1106	1473	0.0%
146	East Garafraxa			58	59	123	53			773	884	907	898	0.0%
147	Brantford			1740	1892	1912	1800			35608	37507	39225	42188	1.1%
148	Brighton						209						5044	0.1%
149	Cramahe						100						2616	0.1%
150	**Hamilton						189						4311	0.1%
151	Port Hope						316						7351	0.2%
152	Cobourg						397						9236	0.3%
153	Alnwick/Haldimand						148						2814	0.1%
154	Alderville First Nation						5						313	0.0%
155	Trent Hills						237						5995	0.2%
156	The Blue Mountains						158						4610	0.1%
157	West Grey						217						5347	0.1%
158	Southgate						104						3122	0.1%
159	Grey Highlands						147						4142	0.1%
160	Hanover						139						3473	0.1%
161	Chatsworth						123						2725	0.1%
162	Meaford						213						5077	0.1%
163	Georgian Bluffs						173						4558	0.1%
164	Owen Sound						423						9940	0.3%
	Total	61453	115193	149631	159157	162708	158662	1466075	2317189	2871246	3117511	3335990	3673865	

Household Tabulations

Table 6-7 Total number of persons in a household

Variable: n_person (total number of persons in a household)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	1	11597	24519	30664	34424	41243	40766	282736	495411	592888	582689	822255	928976	25.3%
2	2	18934	35834	49961	58040	61406	66826	452051	721063	953512	1033751	1013519	1134879	30.9%
3	3	11604	20581	26962	27310	25718	24243	275320	413059	517510	600726	567952	621718	16.9%
4	4	12411	21608	26894	25533	22607	18570	292411	433680	515740	583807	561655	611749	16.7%
5	5	5044	8917	10433	9317	7877	5807	119370	178940	200780	213550	253132	266188	7.2%
6	6	1320	2740	3349	3202	2742	1767	31144	54991	64430	72604	83512	78663	2.1%
7	7	386	671	899	894	721	467	9225	13532	17338	20362	21972	22142	0.6%
8	8	109	210	295	264	255	144	2641	4246	5711	6061	7774	6220	0.2%
9	9	29	113	97	98	87	45	692	2263	1867	2197	2565	1964	0.1%
10	10	19		48	49	33	15	486		931	1164	1026	718	0.0%
11	11			17	17	17	12			327	391	581	649	0.0%
12	12			7	6	2				123	129	47		
13	13			3	2					52	55			
14	14			1	1					17	26			
16	16			1						19				
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-8 Dwelling types

Variable: dwell_type (dwelling unit type)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	House	40922	73434	101895	105647	99507	102509	966100	1469207	1933359	2078376	1838040	2018425	54.9%
2	Apartment	20489	35003	36892	41397	47539	40427	499003	713721	727837	783850	1180150	1299054	35.4%
3	Townhouse	0	6755	10824	11891	15662	15726	0	134237	209651	251238	317801	356386	9.7%
9	Unknown	42	1	20	222			974	20	398	4046			
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Household Tabulations

Table 6-9 Income groups

Variable: income (household income)														
Code	Description	No of Records		2006	2011	2016	2022	Expanded Frequency				2016	2022	2022% of Total
		1986	1996					1986	1996	2006	2011			
1	\$0 to \$14,999					6451	2582					158753	91472	2.5%
2	\$15,000 to \$39,999					23811	13528					494313	341760	9.3%
3	\$40,000 to \$59,999					23093	15372					476677	349819	9.5%
	\$60,000 to \$99,999					33805	31677					715710	727614	19.8%
	subtotal (2016 code 4)													
4	\$60,000 to \$79,999						16041						361717	9.8%
5	\$80,000 to \$99,999						15636						365897	10.0%
6	\$100,000 to \$124,999					15938	17409					332587	414458	11.3%
	\$125,000 and above					28306	47626					565674	1113815	30.3%
	subtotal (2016 code 6)													
7	\$125,000 to \$149,999						12075						289785	7.9%
8	\$150,000 to \$199,999						15470						374894	10.2%
9	\$200,000 and above						20081						449136	12.2%
99	Decline / don't know (code 7 in 2016)					31304	30468					592276	634927	17.3%
	Total					162708	158662					3335990	3673865	

Table 6-10 Survey respondents reporting on whether all members of their household were born in Canada

Variable: hhbornincanada (whether all members of the household were born in Canada)														
Code	Description	No of Records		2006	2011	2016	2022	Expanded Frequency				2016	2022	2022% of Total
		1986	1996					1986	1996	2006	2011			
1	Yes, entire household born in Canada						85015						1910156	52.0%
2	No, at least one household member born outside of Canada						69616						1661629	45.2%

Household Tabulations

Variable: hhbornincanada (whether all members of the household were born in Canada)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
99	Decline / don't know						4031						102080	2.8%
	Total						158662						3673865	

Table 6-11 Household structure (new derived field in 2022)

Variable: hhstructure (variable derived from counts of persons of different ages)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	Single person						40766						928976	25.3%
2	Two adults, no children						65656						1092650	29.7%
3	Three or more adults, no children						21817						588842	16.0%
4	Single parent, one or more children 0-17 yrs						1923						72718	2.0%
5	Two adults, one or more children 0-17 yrs						21381						705244	19.2%
6	Three or more adults, one or more children 0- 17 yrs						7119						285435	7.8%
	Total						158662						3673865	

Table 6-12 Number of vehicles available to households

Variable: n_vehicle (total number of vehicles available to household for personal use)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	8813	17419	19889	20057	19861	16592	217462	354019	389989	370465	459433	479494	13.1%
1	1	26106	47645	59500	64791	66433	69108	625369	958585	1147258	1220009	1290797	1512456	41.2%
2	2	20421	40395	55027	58261	57999	55179	479538	808334	1046517	1183709	1157610	1211784	33.0%
3	3	4513	7703	11739	12200	13663	12953	105818	154981	221981	259688	307626	328006	8.9%
4	4	1169	1621	2716	2921	3547	3519	27527	32810	51274	63832	88799	101730	2.8%
5	5	270	275	521	581	825	880	6453	5649	9691	12705	22075	27357	0.7%
6	6	105	83	124	163	215	274	2551	1733	2369	3408	5414	8282	0.2%
7	7	35	29	39	58	73	74	872	613	735	1236	2124	2470	0.1%
8	8	12	5	18	18	23	31	264	96	315	337	665	976	0.0%
9	9	9	5	11	10	22	22	222	104	203	204	480	693	0.0%
10	10		2	7	3	5	13		39	128	49	89	241	0.0%
11	11		2	7	4	1	7		39	132	58	12	137	0.0%
12	12		1	5	11	3	10		19	101	241	81	238	0.0%
13	13		1	4	3	38			19	82	49	786		
14	14			3	4					53	15			
15	15		1	2	1				23	38	47			
18	18				1						20			
21	21		2	6	2				43	116				
30	30		1		1				18					
31	31		1						20					
32	32		1	2					20	40	78			
33	33		1						20					
20	20			1						19				
22	22			1						22	22			
23	23			7	1					140				
36	36			1						24	25			

Household Tabulations

Variable: n_vehicle (total number of vehicles available to household for personal use)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
42	42					0								
50	50					1					1282			
66	66					1					19			
99	99			1	64	38				18	13	786		
	Total	61453	115193	149631	159157	162746	158662	1466077	2317185	2871245	3117511	3336776	3673865	

Table 6-13 Number of adults in household (new derived field in 2022)

Variable: n_adult (number of adults in the household)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	1						42689						1001694	27.3%
2	2						87037						1797893	48.9%
3	3						18805						500029	13.6%
4	4						7814						272479	7.4%
5	5						1808						79692	2.2%
6	6						392						17042	0.5%
7	7						88						3893	0.1%
8	8						24						894	0.0%
9	9						3						145	0.0%
10	10						1						81	0.0%
11	11						1						22	0.0%
	Total						158662						3673865	

Table 6-14 Number of children in household (new derived field in 2022)

Variable: n_child (number of children in the household [0 to 17 years old])														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						128239						2610468	71.1%
1	1						14900						477061	13.0%
2	2						12590						442756	12.1%
3	3						2439						117590	3.2%
4	4						407						21451	0.6%
5	5						66						3381	0.1%
6	6						14						719	0.0%
7	7						6						369	0.0%
8	8													0.0%
9	9						1						71	0.0%
	Total						158662						3673865	

Household Tabulations

Table 6-15 Number of persons in household with a driver's licence

Variable: n_licence (number of persons in the household having a driver's licence)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	5432	10374	12271	12881	10129	6890	133562	211697	239610	222872	213851	200224	5.4%
1	1	18296	34733	42753	46145	49962	49663	442907	702131	827700	842734	1007992	1142172	31.1%
2	2	28335	53426	71410	76308	77053	79799	669323	1070261	1360672	1511846	1463717	1654145	45.0%
3	3	6587	11828	16498	17080	15469	15766	154533	236563	314973	379771	372879	428249	11.7%
4	4	2309	3996	5530	5601	5096	5457	54165	79964	105887	132563	153281	198814	5.4%
5	5	429	732	1014	978	879	909	10054	14537	19427	23675	32449	42129	1.1%
6	6	59	88	131	135	140	149	1390	1724	2532	3359	4929	6874	0.2%
7	7	6	11	21	24	31	26	142	218	392	569	1033	1127	0.0%
8	8		4	2	5	4	2		76	34	121	126	50	0.0%
9	9		1	1		2	1		14	19		149	80	0.0%
99						8						85583		
	Total	61453	115193	149631	159157	158765	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Household Tabulations

Table 6-16 Number of people in each household with a transit pass (new derived field in 2022)

Variable: n_tranpass (number of people in household with a transit pass)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						139904						3153901	85.8%
1	1						12739						349936	9.5%
2	2						4676						121611	3.3%
3	3						968						33259	0.9%
4	4						299						11283	0.3%
5	5						57						2893	0.1%
6	6						14						685	0.0%
7	7						2						112	0.0%
8	8						2						103	0.0%
9	9													0.0%
10	10						1						81	0.0%
	Total						158662						3673865	

Table 6-17 Number of people employed in household (new derived field in 2022)

Variable: n_emp_tot (number of employed people in household)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						52547						880531	24.0%
1	1						46827						1138786	31.0%
2	2						46666						1219933	33.2%
3	3						9235						297237	8.1%
4	4						2819						110090	3.0%
5	5						492						23312	0.6%
6	6						68						3583	0.1%
7	7						5						286	0.0%
8	8						2						99	0.0%
9	9						1						7	0.0%
	Total						158662						3673865	

Household Tabulations

Table 6-18 Number of full-time workers in household

Variable: n_emp_ft (number of full-time workers in household)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	12350	34186	47828	60076	58637	62296	296551	688987	913585	977220	976370	1092254	29.7%
1	1	24976	43805	51872	53154	55634	49055	596672	881635	999496	1113193	1240385	1266188	34.5%
2	2	19748	32515	42740	39778	42221	40779	468894	652388	820193	882032	947262	1095181	29.8%
3	3	3379	3849	5863	5111	5162	5229	80064	77290	112297	119837	139104	169326	4.6%
4	4	842	720	1168	910	920	1108	20070	14467	22592	22067	28104	41445	1.1%
5	5	133	101	140	113	121	170	3216	2060	2701	2815	4256	8039	0.2%
6	6	21	13	14	12	9	21	514	272	268	279	392	1195	0.0%
7	7	4	4	6	2	3	3	96	86	113	44	89	219	0.0%
8	8	0	0	0	1		1	0	0	0	24	28	17	0.0%
10	10					1								
	Total	61453	115193	149631	159157	162707	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-19 Number of part-time workers in household

Variable: n_emp_pt (number of part-time workers in household)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	50331	90956	118060	126815	132026	132324	1202559	1831511	2266957	2430714	2595821	2936583	79.9%
1	1	9458	20794	26556	27441	26322	22728	224161	416676	508445	576460	615383	618012	16.8%
2	2	1427	3052	4395	4315	3863	3268	33804	61231	83945	96134	107159	105109	2.9%
3	3	212	348	558	516	462	304	4986	6940	10707	12455	16387	12727	0.3%
4	4	23	38	57	64	30	35	517	736	1089	1609	1010	1283	0.0%
5	5	2	3	5	6	4	3	49	53	101	140	204	150	0.0%
6	6		1			1			16			26		
8	8		1						21					
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-20 Number of work-at-home persons in household

Variable: n_emp_home (number of persons in household who work exclusively from home, both full- and part-time)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	59495	109357	135645	143530	148639	132685	1419262	2199380	2606923	2797012	3039448	3004934	81.8%
1	1	1710	5036	11953	13402	12289	22157	40854	101484	226387	274963	259278	567015	15.4%
2	2	227	748	1894	2086	1649	3613	5450	15258	35369	42489	33795	94890	2.6%
3	3	18	43	113	118	107	182	442	877	2090	2601	2765	6292	0.2%
4	4	3	7	18	15	21	23	69	146	317	321	640	680	0.0%
5	5		2	7	4	3	2		40	137	87	64	54	0.0%
6	6					2					37			
7	7				1					22				
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-21 Number of full-time workers in household who work exclusively from home (new derived field in 2022)

Variable: n_emp_hft (number of full-time employed people in the household who work exclusively from home)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						137406						3108938	84.6%
1	1						18481						488919	13.3%
2	2						2645						71740	2.0%
3	3						115						3845	0.1%
4	4						14						383	0.0%
5	5						1						40	0.0%
	Total						158662						3673865	

Household Tabulations

Table 6-22 Number of part-time workers in a household who work exclusively from home (new derived field in 2022)

Variable: n_emp_hpt (number of part-time employed people in the household who work exclusively from home)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						153178						3548738	96.6%
1	1						5125						117636	3.2%
2	2						349						7151	0.2%
3	3						9						299	0.0%
4	4						1						40	0.0%
	Total						158662						3673865	

Table 6-23 Number of students in household

Variable: n_student (number of students, full- and part-time in household)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	39308	69952	95558	110417	118614	123173	941806	1410657	1831295	2005723	2171901	2421850	65.9%
1	1	10732	22455	26769	24874	23768	19624	254958	450713	515638	567799	600202	640602	17.4%
2	2	8375	15954	19508	17426	15496	12361	197778	319171	374763	396301	408904	444953	12.1%
3	3	2452	5118	6036	4989	3826	2843	57704	102655	115595	114216	121180	131816	3.6%
4	4	484	1340	1363	1112	764	524	11460	26712	26309	25610	25519	27733	0.8%
5	5	84	282	293	256	176	114	1946	5502	5684	5932	5976	5745	0.2%
6	6	11	71	74	62	50	17	260	1365	1413	1450	1731	887	0.0%
7	7	6	14	23	16	12	4	137	278	422	363	512	182	0.0%
8	8	1	7	4	3	1	1	28	131	64	65	35	21	0.0%
9	9			3	1	1	1			62	24	30	77	0.0%
10	10				1						27			
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Household Tabulations

Table 6-24 Number of students in household who are children attending K-12 school (new derived field in 2022)

Variable: n_stu_k12 (number of students in household who are children attending K-12 school)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						133198						2784783	75.8%
1	1						13858						454979	12.4%
2	2						9490						334780	9.1%
3	3						1791						83043	2.3%
4	4						274						13739	0.4%
5	5						45						2169	0.1%
6	6						5						295	0.0%
7	7						1						77	0.0%
	Total						158662						3673865	

Table 6-25 Number of students in household who are attending post-secondary education or other courses at a school other than a K-12 school (new derived field in 2022)

Variable: n_stu_pse (number of students in household who are attending post-secondary education or other courses at a school other than a K-12 school)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						144898						3152831	85.8%
1	1						11720						427364	11.6%
2	2						1822						81695	2.2%
3	3						167						8993	0.2%
4	4						31						1731	0.0%
5	5						17						938	0.0%
6	6						5						277	0.0%
7	7						1						16	0.0%
8	8						1						21	0.0%
	Total						158662						3673865	

Table 6-26 Day of the week trips were made

Variable: trip_day (day of the week trips were made)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Monday	12073	20936	26788	29486	27371	22513	287354	420332	514715	575323	558346	514399	14.0%
2	Tuesday	11029	22858	29224	27328	27467	27754	262924	460114	561269	536921	563025	630672	17.2%
3	Wednesday	12100	22339	28764	30161	28469	27429	289159	449536	551333	588911	576583	633533	17.2%
4	Thursday	12945	22791	31956	35312	39739	42001	309049	459008	612735	689459	817196	974682	26.5%
5	Friday	13230	26269	32899	36870	39662	38965	315774	528196	631194	726896	820839	920579	25.1%
9	Unknown	76						1816						
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-27 Week into survey administration when trip data were collected

Variable: trip_week (week into survey administration when trip data were collected)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	September 13, 2022 (Tuesday)						2139						51944	1.4%
2	September 19, 2022						5276						127117	3.5%
3	September 26, 2022						6391						154116	4.2%
4	October 3, 2022						6461						156384	4.3%
5	October 11, 2022 (Tuesday)						9181						202631	5.5%
6	October 17, 2022						9032						200092	5.4%
7	October 24, 2022						8440						192475	5.2%
8	October 31, 2022						11890						278530	7.6%
9	November 7, 2022 *						11051						257953	7.0%
10	November 14, 2022						11827						269376	7.3%
11	November 21, 2022						12014						284775	7.8%

Household Tabulations

Variable: trip_week (week into survey administration when trip data were collected)

Code	Description	No of Records		2006	2011	2016	Expanded Frequency			2006	2011	2016	2022	2022% of Total
		1986	1996				2022	1986	1996					
12	November 28, 2022						9056						227523	6.2%
13	December 5, 2022						4860						121131	3.3%
14	December 12, 2022						3125						77786	2.1%
15	December 19, 2022 **						159						4268	0.1%
17	January 3, 2023 (Tuesday)						1057						26195	0.7%
18	January 9, 2023						632						15480	0.4%
19	January 16, 2023						95						2149	0.1%
20	January 23, 2023						332						8250	0.2%
21	January 30, 2023						407						9916	0.3%
22	February 6, 2023						299						7654	0.2%
23	February 13, 2023						189						4873	0.1%
24	February 21, 2023 (Tuesday)						137						3609	0.1%
25	February 27, 2023						280						7485	0.2%
26	March 6, 2023						208						5427	0.1%
27	March 13, 2023						69						1352	0.0%
28	March 20, 2023						78						1895	0.1%
29	March 27, 2023						72						2018	0.1%
30	April 3, 2023 ****						62						1776	0.0%
31	April 10, 2023						842						17406	0.5%
32	April 17, 2023						4556						98272	2.7%
33	April 24, 2023						9383						194496	5.3%
34	May 1, 2023						6399						139873	3.8%
35	May 8, 2023						5826						133701	3.6%
36	May 15, 2023						6632						148665	4.0%
37	May 23, 2023 (Tuesday)						2190						49768	1.4%
38	May 29, 2023						1954						45183	1.2%
39	June 5, 2023						2437						55102	1.5%

Household Tabulations

Variable: trip_week (week into survey administration when trip data were collected)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
40	June 12, 2023						1346						34114	0.9%
41	June 19, 2023						1099						23943	0.7%
42	June 26, 2023						474						12569	0.3%
43	July 4, 2023 (Tuesday)						203						4589	0.1%
44	July 10, 2023						268						6170	0.2%
45	July 17, 2023						150						3996	0.1%
46	July 24, 2023						84						1838	0.1%
	Total						158662						3673865	

Table 6-28 Data collection periods, 2022

Variable: trip_period (whether the travel day was in the Fall or Spring data collection period)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	Phase 1 (Fall)						110902						2606101	70.9%
3	Phase 2 (mostly Spring, but modest number of Winter and Summer completions)						47760						1067764	29.1%
	Total						158662						3673865	

Table 6-29 Number of people in household who are at least 11 years of age (new derived field in 2022)

Variable: n_pers11up (number of people in household who are at least 11 years of age)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
1	1						41338						952763	25.9%
2	2						77771						1518950	41.3%
3	3						22404						583486	15.9%
4	4						12467						413600	11.3%
5	5						3528						155338	4.2%
6	6						881						37905	1.0%
7	7						207						9194	0.3%
8	8						48						1889	0.1%
9	9						12						579	0.0%
10	10						4						133	0.0%
11	11						2						29	0.0%
	Total						158662						3673865	

Table 6-30 Number of trips reported for people in household who are at least 11 years of age, includes non-commute walk trips

Variable: n_hh11_trip (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years but still include non-commute walk trips)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						19932						421655	11.5%
1	1						1532						36373	1.0%
2	2						34779						768234	20.9%
3	3						9929						218633	6.0%
4	4						31546						680459	18.5%
5	5						9129						203358	5.5%

Household Tabulations

Variable: n_hh11_trip (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years but still include non-commute walk trips)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
6	6						17609						418601	11.4%
7	7						5870						142784	3.9%
8	8						9526						246276	6.7%
9	9						3594						93090	2.5%
10	10						4775						133151	3.6%
11	11						2102						59593	1.6%
12	12						2515						72526	2.0%
13	13						1165						34813	0.9%
14	14						1411						40362	1.1%
15	15						663						19185	0.5%
16	16						687						20724	0.6%
17	17						372						12588	0.3%
18	18						377						11806	0.3%
19	19						257						8786	0.2%
20	20						259						8736	0.2%
21	21						148						5053	0.1%
22	22						120						4027	0.1%
23	23						108						3612	0.1%
24	24						65						2125	0.1%
25	25						44						1546	0.0%
26	26						36						1168	0.0%
27	27						30						1106	0.0%
28	28						18						648	0.0%
29	29						17						663	0.0%
30	30						14						686	0.0%
31	31						5						273	0.0%
32	32						4						84	0.0%

Household Tabulations

Variable: n_hh11_trip (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years but still include non-commute walk trips)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
33	33						8						425	0.0%
34	34						3						222	0.0%
35	35						2						81	0.0%
36	36						2						55	0.0%
37	37						1						28	0.0%
38	38						2						65	0.0%
41	41						2						54	0.0%
43	43						1						25	0.0%
46	46						1						71	0.0%
47	47						1						82	0.0%
56	56						1						30	0.0%
	Total						158662						3673865	

Table 6-31 Number of trips reported for people in household who are at least 11 years of age, excluding non-commute walk trips

Variable: n_hhld_trip2016 (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years and also filters out walking trips that were not for commute purposes and if they were not essential links in non-walking trips)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	5395	11271	16738	20159	18815	24371	130637	228831	321312	328829	324892	519828	14.1%
1	1	483	547	652	807	1087	1601	11744	11100	12453	14709	23160	38105	1.0%
2	2	9653	19495	24839	28466	34288	35290	233785	394428	480120	529927	686900	780457	21.2%
3	3	2334	4906	6674	7371	8471	10205	56336	99304	128406	133305	163503	222642	6.1%
4	4	10771	21200	25427	27695	32020	30092	257683	426444	489345	544564	634072	648806	17.7%
5	5	2757	6008	7467	7710	8324	8875	65931	120363	142712	154494	166807	198582	5.4%
6	6	7736	14234	17958	18976	18982	16681	183839	285836	343928	387485	400606	399967	10.9%

Household Tabulations

Variable: n_hhld_trip2016 (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years and also filters out walking trips that were not for commute purposes and if they were not essential links in non-walking trips)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
7	7	2508	4586	6169	6322	6221	5528	59637	91933	117904	132193	130226	136280	3.7%
8	8	5912	9666	12030	12102	11176	8883	139952	193719	230172	253755	247056	232217	6.3%
9	9	2033	3512	4868	4694	4158	3315	48149	70413	93261	100124	93685	86710	2.4%
10	10	3529	5635	7125	6946	5829	4403	83188	112643	136268	148248	134337	124422	3.4%
11	11	1495	2314	3165	3028	2513	1939	35013	46323	60290	65543	59999	55945	1.5%
12	12	1978	3229	4307	3968	3117	2266	46205	64598	82404	84880	74002	66741	1.8%
13	13	869	1635	2135	1956	1464	1056	20398	32592	40604	42544	37215	32144	0.9%
14	14	1042	1839	2453	2308	1713	1268	24530	36796	46916	50121	41494	37100	1.0%
15	15	535	952	1345	1236	964	574	12543	18938	25462	27215	24510	17151	0.5%
16	16	613	1145	1472	1333	975	606	14284	22904	28096	29131	24460	18354	0.5%
17	17	315	609	922	767	555	349	7344	12112	17583	16874	14691	11597	0.3%
18	18	344	624	904	806	531	357	8139	12496	17248	17563	13350	11371	0.3%
19	19	197	373	534	457	332	236	4620	7453	10211	10283	8507	8188	0.2%
20	20	211	306	560	488	299	218	4918	6042	10629	10817	8197	7303	0.2%
21	21	144	212	344	305	194	128	3326	4216	6544	6784	5120	4599	0.1%
22	22	160	211	361	305	155	106	3720	4181	6923	6848	3605	3848	0.1%
23	23	96	123	234	201	107	89	2198	2414	4470	4500	3120	3060	0.1%
24	24	81	133	187	166	93	57	1880	2626	3533	3733	2652	1861	0.1%
25	25	50	76	153	123	65	41	1181	1500	2950	2751	2111	1531	0.0%
26	26	53	72	104	122	65	32	1197	1463	1949	2682	1991	1197	0.0%
27	27	26	55	99	63	49	26	610	1057	1880	1409	1347	866	0.0%
28	28	25	52	85	61	30	16	584	1050	1568	1382	933	512	0.0%
29	29	22	29	75	50	31	15	501	570	1439	1093	1015	560	0.0%
30	30	15	37	49	25	25	11	360	724	931	550	745	539	0.0%
31	31	14	25	41	28	16	4	307	499	767	635	426	269	0.0%
32	32	8	21	36	24	11	2	185	390	703	545	347	49	0.0%
33	33	14	9	19	19	10	7	319	196	363	436	233	407	0.0%

Household Tabulations

Variable: n_hhld_trip2016 (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years and also filters out walking trips that were not for commute purposes and if they were not essential links in non-walking trips)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
34	34	8	12	17	21	3	2	204	229	325	462	68	165	0.0%
35	35	7	13	19	8	4	2	164	271	349	167	121	81	0.0%
36	36	4	5	13	9	4	2	93	101	244	200	67	55	0.0%
37	37	2	3	10	8	3	1	41	61	189	189	77	28	0.0%
38	38	2	3	6	4	2	2	47	60	112	94	112	65	0.0%
39	39	5	2	5	3	1	1	121	40	100	62	21	23	0.0%
40	40		3	5	1	1	1		56	103	21	28	71	0.0%
41	41		2	5	3	3	1		37	99	74	87	31	0.0%
42	42	1	2	8	3			20	34	149	66			
43	43		1	4	1		1		22	75	20		25	0.0%
44	44	2	1	1	2			55	18	19	46			
45	45		2	3		1			45	58		52		
46	46	1	2	1				19	40	18				
47	47			1			1			20			82	0.0%
48	48			1						19				
49	49				1						29			
50	50				1						20			
51	51	1		0	1			20			16			
52	52				1						23			
53	53				1						23			
54	54					1						45		0.0%
55	55	1		1				22		19				
56	56				1		1				24		30	
57	57				1						24			
65	65		1						19					
70	70	1						28						
89	89													

Household Tabulations

Variable: n_hhld_trip2016 (number of trips reported for people in household who are at least 11 years of age. 2022 result filters out trips made by persons 5-10 years and also filters out walking trips that were not for commute purposes and if they were not essential links in non-walking trips)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-32 Number of people in household who are at least 5 years of age (new derived field in 2022)

Variable: n_pers5up (number of people in household who are at least 5 years of age and eligible for trip capture)

														2022%
Code	Description	No of Records		2006	2011	2016	2022	Expanded Frequency				2016	2022	of Total
		1986	1996					1986	1996	2006	2011			
1	1						40906						934623	25.4%
2	2						71768						1302226	35.4%
3	3						23196						604662	16.5%
4	4						16065						531565	14.5%
5	5						4858						218574	5.9%
6	6						1396						61306	1.7%
7	7						343						15620	0.4%
8	8						95						3894	0.1%
9	9						19						799	0.0%
10	10						12						494	0.0%
11	11						4						101	0.0%
	Total						158662						3673865	

Table 6-33 Total number of trips made by household members (2016 and earlier: 11+ years of age; 2022: 5+ years of age)

Variable: n_hhld_trip (total number of trips made by household members, for 2016 and earlier, includes trips for those 11+ years of age, non-commute walking trips were not captured; 2022: 5+ years of age, non-commute walking trips were captured)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	5395	11271	16738	20159	18815	24529	130637	228831	321312	328829	324892	523758	11.3%
1	1	483	547	652	807	1087	1505	11744	11100	12453	14709	23160	37616	1.0%
2	2	9653	19495	24839	28466	34288	34165	233785	394428	480120	529927	686900	779462	21.2%
3	3	2334	4906	6674	7371	8471	9737	56336	99304	128406	133305	163503	222126	6.0%
4	4	10771	21200	25427	27695	32020	30284	257683	426444	489345	544564	634072	648397	17.6%
5	5	2757	6008	7467	7710	8324	8590	65931	120363	142712	154494	166807	198600	5.4%
6	6	7736	14234	17958	18976	18982	16960	183839	285836	343928	387485	400606	399882	10.9%
7	7	2508	4586	6169	6322	6221	5601	59637	91933	117904	132193	130226	135871	3.7%
8	8	5912	9666	12030	12102	11176	10008	139952	193719	230172	253755	247056	231979	6.3%
9	9	2033	3512	4868	4694	4158	3685	48149	70413	93261	100124	93685	86306	2.3%
10	10	3529	5635	7125	6946	5829	5337	83188	112643	136268	148248	134337	124193	3.4%
11	11	1495	2314	3165	3028	2513	2285	35013	46323	60290	65543	59999	55990	1.5%
12	12	1978	3229	4307	3968	3117	2984	46205	64598	82404	84880	74002	66842	1.8%
13	13	869	1635	2135	1956	1464	1352	20398	32592	40604	42544	37215	32068	0.9%
14	14	1042	1839	2453	2308	1713	1765	24530	36796	46916	50121	41494	36832	1.0%
15	15	535	952	1345	1236	964	840	12543	18938	25462	27215	24510	17239	0.5%
16	16	613	1145	1472	1333	975	945	14284	22904	28096	29131	24460	18584	0.5%
17	17	315	609	922	767	555	517	7344	12112	17583	16874	14691	11628	0.3%
18	18	344	624	904	806	531	559	8139	12496	17248	17563	13350	11176	0.3%
19	19	197	373	534	457	332	345	4620	7453	10211	10283	8507	8109	0.2%
20	20	211	306	560	488	299	356	4918	6042	10629	10817	8197	7229	0.2%
21	21	144	212	344	305	194	196	3326	4216	6544	6784	5120	4616	0.1%
22	22	160	211	361	305	155	201	3720	4181	6923	6848	3605	3848	0.1%
23	23	96	123	234	201	107	154	2198	2414	4470	4500	3120	3066	0.1%
24	24	81	133	187	166	93	124	1880	2626	3533	3733	2652	1826	0.0%
25	25	50	76	153	123	65	81	1181	1500	2950	2751	2111	1531	0.0%

Variable: n_hhld_trip (total number of trips made by household members, for 2016 and earlier, includes trips for those 11+ years of age, non-commute walking trips were not captured; 2022: 5+ years of age, non-commute walking trips were captured)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
26	26	53	72	104	122	65	67	1197	1463	1949	2682	1991	1232	0.0%
27	27	26	55	99	63	49	52	610	1057	1880	1409	1347	866	0.0%
28	28	25	52	85	61	30	36	584	1050	1568	1382	933	512	0.0%
29	29	22	29	75	50	31	39	501	570	1439	1093	1015	560	0.0%
30	30	15	37	49	25	25	26	360	724	931	550	745	539	0.0%
31	31	14	25	41	28	16	16	307	499	767	635	426	269	0.0%
32	32	8	21	36	24	11	7	185	390	703	545	347	49	0.0%
33	33	14	9	19	19	10	11	319	196	363	436	233	407	0.0%
34	34	8	12	17	21	3	6	204	229	325	462	68	165	0.0%
35	35	7	13	19	8	4	8	164	271	349	167	121	81	0.0%
36	36	4	5	13	9	4	4	93	101	244	200	67	55	0.0%
37	37	2	3	10	8	3	3	41	61	189	189	77	28	0.0%
38	38	2	3	6	4	2	3	47	60	112	94	112	65	0.0%
39	39	5	2	5	3	1	4	121	40	100	62	21	23	0.0%
40	40		3	5	1	1			56	103	21	28		
41	41		2	5	3	3	1		37	99	74	87	71	0.0%
42	42	1	2	8	3			20	34	149	66			
43	43		1	4	1		1		22	75	20		31	0.0%
44	44	2	1	1	2			55	18	19	46			
45	45		2	3		1			45	58		52		
46	46	1	2	1			3	19	40	18			25	0.0%
47	47			1			1			20			82	0.0%
48	48			1						19				
49	49				1						29			
50	50				1						20			
51	51	1		0	1			20			16			
52	52				1						23			
53	53				1						23			

Variable: n_hhld_trip (total number of trips made by household members, for 2016 and earlier, includes trips for those 11+ years of age, non-commute walking trips were not captured; 2022: 5+ years of age, non-commute walking trips were captured)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
54	54					1						45		
55	55		1		1			22		19				
56	56					1	1				24		30	0.0%
57	57					1					24			
65	65			1					19					
70	70		1					28						
89	89													
	Total	61453	115193	149631	159157	162708	158662	1466077	2317185	2871245	3117511	3335990	3673865	

Table 6-34 Number of trips via auto driver made by household members 5+ years (new derived field in 2022)

Variable: n_hdrvr_trip (number of trips via auto driver made by household members 5+ years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						42535						1001536	27.3%
1	1						2705						56124	1.5%
2	2						40996						886911	24.1%
3	3						12426						259968	7.1%
4	4						25131						577014	15.7%
5	5						9313						212291	5.8%
6	6						10373						262052	7.1%
7	7						4687						118637	3.2%
8	8						4123						114747	3.1%
9	9						2091						55850	1.5%
10	10						1603						46504	1.3%
11	11						910						26597	0.7%
12	12						657						19872	0.5%

Variable: n_hdrvr_trip (number of trips via auto driver made by household members 5+ years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
13	13						378						11517	0.3%
14	14						266						8718	0.2%
15	15						171						5157	0.1%
16	16						113						3761	0.1%
17	17						60						1698	0.0%
18	18						47						1930	0.1%
19	19						28						927	0.0%
20	20						16						621	0.0%
21	21						15						699	0.0%
22	22						5						226	0.0%
23	23						3						134	0.0%
24	24						4						114	0.0%
25	25						2						65	0.0%
26	26						2						56	0.0%
29	29						1						52	0.0%
30	30						1						88	0.0%
	Total						158662						3673865	

Table 6-35 Number of trips via auto passenger made by household members 5+ years (new derived field in 2022)

Variable: n_hpsgr_trip (number of trips via auto passenger made by household members 5+ years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						116740						2614285	71.2%
1	1						5683						148451	4.0%
2	2						20283						473376	12.9%
3	3						5269						120422	3.3%
4	4						5511						153254	4.2%
5	5						1550						43503	1.2%

Variable: n_hpsgr_trip (number of trips via auto passenger made by household members 5+ years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
6	6						1793						57196	1.6%
7	7						539						16404	0.4%
8	8						544						18616	0.5%
9	9						226						8602	0.2%
10	10						214						7411	0.2%
11	11						70						2446	0.1%
12	12						94						3879	0.1%
13	13						40						1449	0.0%
14	14						25						1371	0.0%
15	15						27						940	0.0%
16	16						21						732	0.0%
17	17						14						612	0.0%
18	18						8						342	0.0%
19	19						3						99	0.0%
20	20						3						145	0.0%
21	21						1						77	0.0%
23	23						1						13	0.0%
24	24						1						95	0.0%
28	28						1						30	0.0%
30	30						1						115	0.0%
	Total						158662						367386	
													5	

Table 6-36 Number of transit trips by household members 5+ years (new derived field in 2022)

Variable: n_htran_trip (total number of transit trips made by household members)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						134747						3044436	82.9%
1	1						4240						116593	3.2%
2	2						14271						355099	9.7%
3	3						1640						46189	1.3%
4	4						2610						73986	2.0%
5	5						408						12697	0.3%
6	6						467						15502	0.4%
7	7						100						3027	0.1%
8	8						109						3762	0.1%
9	9						24						829	0.0%
10	10						28						940	0.0%
11	11						12						611	0.0%
12	12						4						167	0.0%
13	13						1						21	0.0%
14	14													0.0%
15	15													0.0%
16	16						1						7	0.0%
	Total						158662						3673865	

Table 6-37 Number of GO Train trips made by household members 5+ years (new derived field in 2022)

Variable: n_hgotr_trip (number of GO-Train-only trips made by household members 5+ years)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						155610						3638310	99.0%
1	1						1505						17346	0.5%
2	2						1406						16614	0.5%
3	3						33						346	0.0%
4	4						104						1221	0.0%
5	5						4						29	0.0%
	Total						158662						3673865	

Table 6-38 Number of joint GO Train/other transit trips made by household members 5+ years (new derived field in 2022)

Variable: n_hjotr_trip (number of joint GO Train and other transit trips made by household members 5+ years)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						155791						3636692	99.0%
1	1						1618						20529	0.6%
2	2						1135						15016	0.4%
3	3						61						757	0.0%
4	4						54						834	0.0%
5	5													0.0%
6	6						3						37	0.0%
	Total						158662						3673865	

Table 6-39 Number of trips via public transit that did not involve GO Train made by household members 5+ years (new derived field in 2022)

Variable: n_hloct_trip (number of trips via public transit that did not involve GO Train made by household members 5+ years)

Code	Description	No of Records					Expanded Frequency					2022%
		1986	1996	2006	2011	2016	1986	1996	2006	2011	2016	
0	0						138492					84.1%
1	1						4203					3.2%
2	2						11344					8.7%
3	3						1467					1.2%
4	4						2149					1.9%
5	5						355					0.3%
6	6						407					0.4%
7	7						90					0.1%
8	8						93					0.1%
9	9						19					0.0%
10	10						28					0.0%
11	11						9					0.0%
12	12						4					0.0%
13	13						1					0.0%
14	14						1					0.0%
	Total						158662					3673865

Table 6-40 Number of cycling and e-micromobility trips made by household members 5+ years (new derived field in 2022)

Variable: n_hbike_trip (number of cycling and e-micromobility trips made by household members 5+ years)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						153595						3550800	96.7%
1	1						459						11350	0.3%
2	2						3048						73900	2.0%
3	3						470						11580	0.3%
4	4						639						15238	0.4%
5	5						132						3019	0.1%
6	6						165						3986	0.1%
7	7						49						1435	0.0%
8	8						50						1257	0.0%
9	9						17						334	0.0%
10	10						17						341	0.0%
11	11						6						99	0.0%
12	12						3						219	0.0%
13	13						4						154	0.0%
14	14						4						65	0.0%
17	17						2						46	0.0%
21	21						2						44	0.0%
	Total						158662						3673865	

Table 6-41 Number of walking trips made by household members 5+ years (new derived field in 2022)

Variable: n_hwalk_trip (number of walking trips made by household members 5+ years)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						130996						2925005	79.6%
1	1						4043						108062	2.9%
2	2						12472						330146	9.0%
3	3						2249						59903	1.6%
4	4						4555						121782	3.3%
5	5						873						23302	0.6%
6	6						1687						52447	1.4%
7	7						367						9358	0.3%
8	8						722						23606	0.6%
9	9						159						4734	0.1%
10	10						226						6400	0.2%
11	11						77						2291	0.1%
12	12						90						2791	0.1%
13	13						40						1029	0.0%
14	14						38						1165	0.0%
15	15						17						362	0.0%
16	16						20						794	0.0%
17	17						8						217	0.0%
18	18						10						241	0.0%
19	19						3						33	0.0%
20	20						5						96	0.0%
21	21						3						46	0.0%
24	24						1						12	0.0%
26	26						1						42	0.0%
	Total						158662						3673865	

Table 6-42 Number of trips via other modes made by household members 5+ years (new derived field in 2022)

Variable: n_hothm_trip (number of trips via other modes made by household members 5+ years)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						149349						3359835	91.5%
1	1						2549						73617	2.0%
2	2						4557						154736	4.2%
3	3						391						13060	0.4%
4	4						1431						55360	1.5%
5	5						75						2844	0.1%
6	6						243						11296	0.3%
7	7						12						541	0.0%
8	8						37						1632	0.0%
9	9						5						220	0.0%
10	10						6						340	0.0%
11	11						1						58	0.0%
12	12						1						71	0.0%
13	13						2						118	0.0%
14	14						2						133	0.0%
21	21						1						5	0.0%
	Total						158662						3673865	

6.2 Person Tabulations

The following tabulations are “number of persons” stratified by various categories in the database. The “Number of Records” figures present the actual number of survey records in the Person file while the “Expanded Frequency” figures are the expanded results representing the universe.

Person Tabulations

Table 6-43 Response status

Variable: respond (respondent status - household member provided their own information)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
F	FALSE (No)	108631	197593	252022	251247	233191	207547	2573010	3968061	4834097	5471324	5487067	5877948	61.5%
T	TRUE (Yes)	62455	115188	149631	159157	162694	158625	1489939	2317082	2871245	3048983	3335735	3672592	38.5%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-44 Gender of the person for analysis

Variable: sex (gender of person)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
9	Unknown	201	157	140	131			4757	3161	2648	2714			
F	Female (Women+)	86958	159605	207668	209885	205758	186928	2064542	3206214	3984071	4380687	4526814	4873527	51.0%
M	Male (Men+)	83927	153019	193845	200388	190127	179244	1993650	3075768	3718623	4136906	4295988	4677013	49.0%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Women+ is women and girls plus a portion of non-binary/prefer to self-define/refused responses; Men+ is men and boys plus a portion of non-binary/prefer to self-define/refused responses

Person Tabulations

Table 6-45 Survey response to the gender question

Variable: sex_orig (original survey response to the gender question)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Male	83927	153019	193845	200388	188924	176427	1993650	3075768	3718623	4136906	4269024	4601430	48.2%
2	Female	86958	159605	207668	209885	204535	183933	2064542	3206214	3984071	4380687	449565	4789377	50.1%
3	Gender diverse						1104						35415	0.4%
4	Prefer to self-describe						464						13423	0.1%
99	Decline	201	157	140	131	2426	4244	4757	3161	2648	2714	54213	110895	1.2%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-46 Age of person in years

Variable: age (age of person in years)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	<1	2000	2224	3217	3189	1782	1357	47377	45039	62370	68820	48695	51819	0.5%
1	1	1955	4684	4036	3704	4272	2975	46241	93984	78290	80659	117170	115422	1.2%
2	2	2546	4870	4874	4512	3670	2503	60501	97956	94112	97809	98350	98864	1.0%
3	3	2381	4634	4761	4491	3614	2440	56443	93196	91870	97515	97886	95063	1.0%
4	4	2304	4679	4488	4568	3781	2445	54540	94197	86389	99188	101271	95607	1.0%
5	5	2377	4666	4782	4746	3826	2441	56241	93503	92359	103372	97187	99044	1.0%
6	6	2178	4478	4784	4626	3900	2509	51493	90190	92041	100751	99373	100872	1.1%
7	7	2114	4474	4803	4519	4046	2459	49902	89984	92075	98697	103215	97160	1.0%
8	8	2061	4485	5180	4633	4049	2651	48782	89809	99171	101034	101163	104346	1.1%
9	9	2021	4301	5019	4428	4192	2715	47647	86433	96409	96719	103941	105182	1.1%
10	10	2260	4746	5802	5091	4361	2788	53296	95457	111608	111214	108768	101197	1.1%
11	11	2119	3949	5266	4402	3888	2808	49968	79161	100677	96620	96110	102661	1.1%
12	12	2265	4252	5741	4830	4036	2993	53456	85175	110078	105684	103034	106424	1.1%

Person Tabulations

Variable: age (age of person in years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
13	13	2258	4194	5473	4807	3920	3161	53352	84126	104802	105515	100048	112709	1.2%
14	14	2265	4072	5841	4989	4017	3330	53354	82002	111693	109725	99657	114998	1.2%
15	15	2410	4131	5839	5189	4115	3274	56887	82886	111763	113294	120305	107881	1.1%
16	16	2674	4152	5965	5345	4230	3479	63021	83428	114084	117909	122029	113728	1.2%
17	17	2458	3931	5423	5137	4044	3162	58304	79177	104232	113331	120471	102607	1.1%
18	18	2623	4018	4678	3985	2993	2552	62232	80857	90310	122558	90771	112451	1.2%
19	19	2379	3514	3987	3507	3015	2435	56517	70180	77000	108188	89794	105581	1.1%
20	20	2661	3926	4226	3738	3277	2470	63353	77842	81738	114961	110223	104591	1.1%
21	21	2975	3916	4250	3623	3484	2712	71078	77514	82065	111462	116733	120627	1.3%
22	22	2999	3738	4038	3898	3553	2905	71789	74372	77823	120389	120029	125124	1.3%
23	23	3135	3926	3946	3563	3655	2901	75067	78050	76390	109971	125548	125606	1.3%
24	24	3211	4015	3883	3379	3721	2968	77096	80350	75416	104417	128372	133371	1.4%
25	25	3932	5238	4653	3821	4065	3354	94228	105061	90268	118505	116253	126097	1.3%
26	26	3352	4412	3971	3203	4060	3385	80807	88536	77421	99210	115610	130018	1.4%
27	27	3162	4461	3908	3192	3892	3509	75759	89813	76203	98878	111499	133039	1.4%
28	28	3408	5164	4052	3481	4140	3776	82184	104142	79024	107129	117041	142569	1.5%
29	29	3003	4332	3843	3230	3979	3728	71696	87332	74797	100367	112349	147737	1.5%
30	30	4377	7285	5797	4676	4900	4433	104525	146686	112963	146445	135512	137513	1.4%
31	31	2575	4649	3943	3465	4310	4020	61895	93526	76957	107611	120006	127250	1.3%
32	32	3093	6135	4939	4194	4649	4445	74037	123551	96745	131183	129914	142144	1.5%
33	33	2803	5714	4658	3865	4511	4438	66597	115195	90719	90232	122226	141199	1.5%
34	34	2720	5657	4718	4066	4679	4500	64818	113857	91820	94713	127224	147719	1.5%
35	35	4008	8334	7488	5501	5114	4594	95342	167437	144858	128613	121449	131097	1.4%
36	36	2780	5673	5558	4563	4911	4529	65782	114280	107430	106392	116904	132516	1.4%
37	37	2555	4960	5211	4865	4638	4224	60559	99602	100330	113151	108902	125756	1.3%
38	38	2809	5436	5736	4815	4903	4332	66263	109368	110446	112424	115725	130930	1.4%
39	39	2535	4468	4982	4555	4671	4237	59783	89466	95748	106425	111082	131769	1.4%
40	40	4427	8597	9301	7118	5913	4778	104484	172481	179129	166319	141268	146556	1.5%
41	41	1699	3721	5178	4679	4683	3910	39971	74626	99183	109577	109854	121449	1.3%

Person Tabulations

Variable: age (age of person in years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
42	42	2436	5195	7333	6073	5230	4369	57999	104411	140830	142322	124442	137901	1.4%
43	43	2221	4549	6632	5399	5118	3963	52598	91222	127521	126302	124016	124434	1.3%
44	44	1710	3472	5797	5063	4870	3902	40472	69738	111220	119153	118926	121430	1.3%
45	45	3060	7544	9662	7448	6080	4511	72405	151241	185773	175242	136313	125863	1.3%
46	46	1701	3835	6239	5938	5547	4098	40224	77031	119940	139530	125389	115726	1.2%
47	47	1639	3676	6062	6232	5323	4280	38703	73614	116093	146347	122020	118458	1.2%
48	48	1721	4218	6107	6469	5526	4308	40599	84558	117195	118421	127459	120634	1.3%
49	49	1444	3461	5156	6156	5089	4387	34085	69598	98441	112426	118146	122616	1.3%
50	50	3546	6635	9719	9662	7108	5368	84284	132879	185738	176567	163377	149374	1.6%
51	51	1244	2430	4659	5951	5543	4658	29632	48757	88849	108274	126423	127280	1.3%
52	52	1634	3266	5912	6984	6441	5279	38488	65810	112940	127200	148254	147445	1.5%
53	53	1624	2838	5467	6155	6336	4863	38417	57238	104446	112028	144114	129784	1.4%
54	54	1495	2505	5030	6031	6199	5041	35246	50498	95769	109616	139575	133255	1.4%
55	55	2659	4461	7747	8142	7100	5511	62576	89561	147597	148413	147306	135258	1.4%
56	56	1614	2496	4695	6355	6322	5321	38290	50047	89629	116014	128245	128752	1.3%
57	57	1384	2171	4560	5988	5974	5726	32782	43938	86908	108734	117493	131347	1.4%
58	58	1450	2372	4865	5896	6353	6197	34212	48013	92899	106765	122918	134333	1.4%
59	59	1248	1925	4291	5253	5976	6288	29499	38809	81401	95401	113672	136190	1.4%
60	60	2568	3974	6318	7504	7143	7214	60853	79788	120136	136191	132009	148596	1.6%
61	61	1048	1674	3054	4968	5439	6314	24989	33887	57907	90107	97507	124397	1.3%
62	62	1380	2123	3990	5770	5938	6937	32688	42937	75873	104579	106627	133931	1.4%
63	63	1338	2239	3613	5282	5744	6638	31753	45280	68726	74799	101638	123506	1.3%
64	64	1156	2020	3378	5585	5640	6635	27415	40855	64141	78767	96390	119827	1.3%
65	65	2549	5211	6297	8060	6875	7541	60647	105074	119482	114062	108608	121475	1.3%
66	66	1012	1876	2976	4569	5417	6481	24146	37903	56494	64338	84365	100473	1.1%
67	67	974	2194	3366	4827	5568	6877	23091	44461	64128	67900	87271	105492	1.1%
68	68	875	2054	3166	4345	5624	6439	20800	41395	59935	60956	86177	98568	1.0%
69	69	639	1685	2742	3946	5502	6169	15127	33986	51938	55305	82242	91011	1.0%
70	70	1423	3386	4726	5341	5916	6610	33875	68183	89385	75204	88880	97633	1.0%

Person Tabulations

Variable: age (age of person in years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
71	71	637	1421	2501	3628	4064	5747	15214	28684	47407	50905	61955	82957	0.9%
72	72	802	1914	3126	4035	4385	5934	19019	38599	59433	56688	66695	88931	0.9%
73	73	628	1573	2811	3600	3952	5398	14898	31704	53454	50638	58629	79273	0.8%
74	74	539	1357	2518	3339	3605	5299	13019	27337	47800	46715	53403	79148	0.8%
75	75	898	2254	4085	4436	3945	5744	21469	45490	77551	62302	52828	82478	0.9%
76	76	531	1239	2590	3273	3257	4759	12627	25027	49136	45941	43036	66972	0.7%
77	77	387	873	2178	2948	2826	3857	9234	17511	41389	41104	37325	55077	0.6%
78	78	393	923	2409	2969	2964	3800	9434	18550	45543	43431	39383	53836	0.6%
79	79	289	730	1986	2578	2593	3431	6864	14633	37491	37697	34889	48574	0.5%
80	80	557	1312	3172	3683	3073	3318	13156	26434	60065	54253	40749	48838	0.5%
81	81	216	539	1511	2342	2251	2534	5151	10862	28662	34036	28780	37207	0.4%
82	82	266	738	1882	2576	2344	2546	6240	14952	35606	37723	32088	38405	0.4%
83	83	181	543	1460	2045	2085	2052	4315	10939	27563	30054	28828	31090	0.3%
84	84	186	466	1338	1902	1829	1881	4410	9400	25168	27679	24321	28841	0.3%
85	85	193	519	1557	2015	1842	1745	4517	10428	29465	29672	24569	31717	0.3%
86	86	143	368	930	1476	1499	1420	3516	7462	17524	21919	20581	26719	0.3%
87	87	96	265	674	1201	1214	1224	2256	5337	12725	17703	16342	23299	0.2%
88	88	76	259	499	1007	1106	1045	1856	5193	9452	14907	14866	19614	0.2%
89	89	50	178	407	796	842	865	1179	3594	7771	11651	11623	16509	0.2%
90	90	66	226	518	825	834	789	1573	4539	9745	12313	11875	14859	0.2%
91	91	30	95	257	469	559	579	724	1939	4878	6816	8023	10760	0.1%
92	92	25	80	233	393	521	476	577	1606	4385	5854	7347	9506	0.1%
93	93	28	59	176	257	359	367	666	1190	3290	3916	5439	7707	0.1%
94	94	15	44	98	168	265	295	332	901	1861	2568	3768	5221	0.1%
95	95	12	46	121	147	191	198	275	970	2236	2178	2628	3798	0.0%
96	96	7	27	58	81	134	147	165	558	1126	1202	1857	2708	0.0%
97	97	16	19	50	66	76	111	393	377	926	1017	1094	2007	0.0%
98	98+	0	33	49	77	122	61	0	677	925	1203	1684	1203	0.0%
99	Unknown	1160	985	662	492	748		27307	19710	12619	10291	15431		

Person Tabulations

Variable: age (age of person in years)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-47 Age of person (5-year age ranges) (new derived field in 2022)

Variable: age_range (five-year age range based on age)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
4	00 to 04 years						11720						456774	4.8%
509	05 to 09 years						12775						506603	5.3%
1014	10 to 14 years						15080						537989	5.6%
1519	15 to 19 years						14902						542248	5.7%
2024	20 to 24 years						13956						609319	6.4%
2529	25 to 29 years						17752						679461	7.1%
3034	30 to 34 years						21836						695823	7.3%
3539	35 to 39 years						21916						652069	6.8%
4044	40 to 44 years						20922						651770	6.8%
4549	45 to 49 years						21584						603297	6.3%
5054	50 to 54 years						25209						687138	7.2%
5559	55 to 59 years						29043						665880	7.0%
6064	60 to 64 years						33738						650258	6.8%
6569	65 to 69 years						33507						517019	5.4%
7074	70 to 74 years						28988						427943	4.5%
7579	75 to 79 years						21591						306938	3.2%
8084	80 to 84 years						12331						184381	1.9%
8589	85 to 89 years						6299						117858	1.2%
9094	90 to 94 years						2506						48053	0.5%
9599	95+ years						517						9717	0.1%
	Total						366172						9550540	

Person Tabulations

Table 6-48 Possession of a driver's licence

Variable: driver_lic (possession of a driver's licence)		No of Records						Expanded Frequency						2022% of Total
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
O	Not applicable						42849						1609249	16.8%
9	Unknown	165	30	42	56	5605		3874	591	830	1213	124728		
N	No	64417	115392	138396	132035	109876	39290	1537657	2327066	2671487	2800466	2732833	1149923	12.0%
Y	Yes	106504	197359	263215	278313	280404	284033	2521418	3957485	5033024	5718628	5965241	6791368	71.1%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-49 Possession of a transit pass

Variable: tran_pass (possession of a transit pass)		No of Records						Expanded Frequency						2022% of Total
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
9	Unknown		142	158	271	3264	1571		2831	3001	6317	82145	51814	0.5%
N	No*		296394	373667	374314	330235	323840		5955459	7161439	7655517	7259826	8183845	85.7%
X	Not asked (under 6 years age)*						14161						555818	5.8%
Y	Yes**		16245	27828	62386	62386	26600		326852	540901	858474	1480831	759063	7.9%
			312781	401653	410404	395885	366172		6285142	7705341	8520308	8822802	9550540	

* In 2016 and earlier, persons under the age of 11 were not asked this question, and answer was assumed to be no; in 2022, a Yes/No question was asked of ages 6 and above.

**Type of transit pass in 2016 and earlier has been aggregated to Yes for this table. 2016 values for 'Combination/Dual Pass' (code C), 'Metro Pass' (code M), 'Other Agency Pass' (code O), and 'Presto' (code P) have been collapsed into 'Yes' for this table.

Person Tabulations

Table 6-50 Status of the person's employment, student status and age, combined into a single variable (new derived field in 2022)

Variable: occstat (status of the person's employment, student status and age, combined into a single variable)													
Code	Description	No of Records					Expanded Frequency					2022	of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	
1	Work full-time (30 or more hours per week)						148038					4052827	42.4%
2	Work part-time (less than 30 hours per week)						22120					553910	5.8%
10	Student full-time						42537					1585218	16.6%
11	Student full-time and work full-time						1028					38014	0.4%
12	Student full-time and work part-time						7064					275753	2.9%
20	Student part-time						1241					42936	0.4%
21	Student part-time and work full-time						2671					88504	0.9%
22	Student part-time and work part-time						1147					42634	0.4%
30	Not employed and not a student						126709					2366623	24.8%
35	Not employed and student status unknown						1752					41193	0.4%
75	Young school age child but not a student (age between 5 and 13; possible if disability or 5 years old in Spring 2023 data collection phase and not yet in school)						145					6154	0.1%
77	Not applicable 0-4 years						11720					456774	4.8%
	Total						366172					9550540	

Person Tabulations

Table 6-51 Person's employment status (old variable)

Variable: emp_stat (employment status)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
9	Unknown	0	118	314	398	196		0	2352	6033	6168	3881		
F	Full time	78796	118652	147977	139071	148632	127560	1874765	2382959	2847558	3076807	3446185	3533680	37.0%
H	Home F/T	2230	5221	12462	13271	11300	24177	53355	105726	235483	271210	242986	645665	6.8%
J	Home P/T	0	1478	3732	4749	4707	5854	0	29689	70019	91765	95058	132996	1.4%
P	Part time	13050	26645	33541	33156	30873	24477	309041	533745	643300	772161	789022	739300	7.7%
O	Not employed	77010	160667	203627	219759	200177	184104	1825788	3230672	3902948	4302196	4245670	4498898	47.1%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-52 Person's student status

Variable: stu_stat (student status)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
9	Unknown	0	68	53	382	28	3764	0	1387	1017	6674	503	100351	1.1%
O	Other	133776	235646	310126	329074	325282	306720	3181012	4741191	5946216	6574438	6894269	7377130	77.2%
P	Student P/T	0	8574	8286	6880	6266	5059	0	172255	159829	177814	169464	174074	1.8%
S	Student F/T	37310	68493	83188	74068	64309	50629	881937	1370309	1598279	1761381	1758566	1898985	19.9%
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Person Tabulations

Table 6-53 Occupation type (new variable)

Variable: occupation2022 (type of occupation)		No of Records						Expanded Frequency						2022% of Total
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	Not employed						184104						4498898	47.1%
1	Business, finance, natural and applied sciences						45436						1173902	12.3%
2	Health care, education, law, community or social services, art, culture, recreation, and sports occupations						43738						1187378	12.4%
3	Management						15849						399622	4.2%
4	Technical and Paraprofessional						12910						352846	3.7%
5	Administration and administrative support						13936						374443	3.9%
6	Sales						12442						365874	3.8%
7	Personal service or customer information service						11594						371823	3.9%
8	Industrial, construction, or equipment operation trade						8828						274585	2.9%
9	Worker or labourer in transport and construction						6709						212855	2.2%
10	Natural resources, agriculture and related production operation occupations						1590						49994	0.5%

Person Tabulations

Variable: occupation2022 (type of occupation)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
11	Occupations in manufacturing and utilities						6001						188553	2.0%
77	Other						507						17314	0.2%
99	Decline / Don't Know						2528						82453	0.9%
	Total						366172						9550540	

Table 6-54 Occupation type (old variable)

Variable: occupation (person's occupation type)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
9	Unknown		621	235	544	1315	3035		12418	4491	11458	32398	99768	1.0%
G	General Office		20345	27057	29583	26553	13936		408779	519817	651803	604245	374443	3.9%
M	Manufacturing/Construction		34862	33673	27788	26159	23128		706409	650729	608022	667034	725987	7.6%
O	Not Employed		160667	203941	220157	200373	184104		3230672	3908981	4308364	4249551	4498898	47.1%
P	Professional/Mgmt/Tech		60095	69231	62057	92816	117933		1199712	1320867	1342845	2042142	3113748	32.6%
S	Sales/Service		36191	67516	70275	48669	24036		727153	1300456	1597815	1227432	737697	7.7%
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

Person Tabulations

Table 6-55 Workplace location type (new field in 2022)

Variable: workplace (workplace location type)														
		No of Records					Expanded Frequency						2022%	
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	Not applicable (not a worker)						184104						4498898	47.1%
1	Work exclusively from home						30031						778662	8.2%
3	No fixed workplace address / No usual place of work						20125						577760	6.0%
6	Usual workplace away from home						131912						3695220	38.7%
	Total						366172						9550540	

Table 6-56 Available of free parking at person's usual place of work

Variable: free_park (availability of free parking at person's usual place of work)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
9	Unknown		1304	9136	12897	34194	6711		26406	175314	286321	802635	214429	2.2%
N	No		33440	39068	40277	44979	40450		669282	751191	911212	981012	1018813	10.7%
O	Not applicable		160667	203941	220157	200373	234003		3230672	3908981	4308364	4249551	5848555	61.2%
Y	Yes		117370	149508	137073	116339	85008		2358783	2869856	3014410	2789604	2468742	25.8%
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

Person Tabulations

Table 6-57 Regional municipality of person's usual place of work

Variable: region_emp (regional municipality of person's usual place of work)														
		No of Records					Expanded Frequency						2022%	
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	Not Employed	160667	203941	220157	200373	184104		3230672	3908981	4308364	4249551	4498898		47.1%
1	Toronto	62462	69782	65773	69912	64694		1257004	1338816	1477046	1509592	1607018		16.8%
2	Durham	7351	9250	8640	8214	7615		149553	184966	195518	192643	229251		2.4%
3	York	13748	21168	20687	21245	18833		275774	407672	459920	489885	513219		5.4%
4	Peel	19203	28495	27036	27310	22830		389276	555650	607514	626826	657443		6.9%
5	Halton	6981	10629	9294	9043	8668		141383	190526	209481	231489	250434		2.6%
6	Hamilton	8849	9630	8861	5759	7505		181216	183273	193650	204685	220725		2.3%
11	Niagara	7950	8734	7437	6794	5377		154068	166956	165334	174340	181771		1.9%
12	Waterloo	9117	11035	11272	10222	9696		181476	222158	230503	245287	271206		2.8%
13	Guelph	2539	3288	3271	2864	2658		46759	61929	68317	68467	76427		0.8%
14	Wellington	581	889	1045	809	768		12273	16198	17627	17772	21648		0.2%
15	Orangeville	409	705	544	495	411		7614	10818	10664	10732	10986		0.1%
16	Barrie	1647	2599	2538	2758	2111		30652	54119	58703	65936	71081		0.7%
17	Simcoe	1388	4587	4393	3540	3146		27348	85148	91702	87696	105657		1.1%
18	Kawartha Lakes	806	1137	1042	793	446		17364	19752	22057	19734	23005		0.2%
19	Peterborough City	1816	2112	1795	1593	1347		36775	38189	41042	41090	43556		0.5%
20	Peterborough	333	519	532	420	338		7781	9504	10723	10074	11667		0.1%
21	Orillia		862	770	620	523			16441	15436	15422	16040		0.2%
22	Dufferin		519	328	303	340			6811	7583	6841	9854		0.1%
23	Brantford		1859	1674	1576	1305			37438	37139	37979	41487		0.4%
24	Brant		561	536	527	426			11267	11804	11117	14423		0.2%
25	Northumberland						788						26736	0.3%
26	The Blue Mountains						127						4632	0.0%
27	Grey						858						30311	0.3%
88	No usual place	5112	8280	11726	19567	20125		103194	158797	257763	476513	577760		6.0%
98	External	1392	1072	1053	1148	1133		26237	19929	22417	29130	35304		0.4%
99	Refused/Unknown	430						8724						
	Total	312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540		

Person Tabulations

Table 6-58 Planning district of person's usual place of work

Variable: pd_emp (planning district of person's usual place of work)														
		No of Records					Expanded Frequency						2022%	
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	Not Employed		160667	203941	220157	200373	184104		3230672	3908981	4308364	4249551	4498898	47.1%
1	PD 1 of Toronto		19968	22829	23282	28975	29271		399061	438667	528903	581961	676870	7.1%
2	PD 2 of Toronto		2568	2853	2690	2691	3062		51937	54703	60968	63443	74226	0.8%
3	PD 3 of Toronto		3482	3872	3561	3086	2783		71309	73741	79542	72363	75350	0.8%
4	PD 4 of Toronto		4629	5455	5060	5100	4500		93068	102910	109860	110325	107379	1.1%
5	PD 5 of Toronto		3064	3172	3040	3014	2358		61471	60943	68192	67856	60203	0.6%
6	PD 6 of Toronto		2267	2622	2441	2184	2507		45543	50005	53970	47525	57211	0.6%
7	PD 7 of Toronto		1104	1235	1108	1108	1027		22869	24372	23582	24488	26630	0.3%
8	PD 8 of Toronto		3727	3828	3494	3240	2560		75763	73517	76967	72605	68241	0.7%
9	PD 9 of Toronto		2907	3235	2816	2576	1846		59508	62428	62476	59199	52419	0.5%
10	PD 10 of Toronto		4675	4619	4118	4078	3195		96013	89116	90179	92660	93012	1.0%
11	PD 11 of Toronto		3140	3976	3862	3803	3501		63140	76055	85414	82961	89385	0.9%
12	PD 12 of Toronto		1888	1902	1622	1853	1426		37286	36449	36524	40626	37463	0.4%
13	PD 13 of Toronto		4144	4437	3909	3785	2792		82738	85869	90384	91659	80671	0.8%
14	PD 14 of Toronto		453	612	526	464	434		9081	11404	11826	10724	12260	0.1%
15	PD 15 of Toronto		693	692	678	632	689		13652	13510	15990	14926	19298	0.2%
16	PD 16 of Toronto		3753	4443	3566	3323	2743		74563	85127	82268	76271	76402	0.8%
17	Brock		141	237	217	146	113		2705	3728	4012	3510	3824	0.0%
18	Uxbridge		178	324	346	310	221		4154	5386	7292	7122	7112	0.1%
19	Scugog		208	402	397	301	217		4762	6897	8132	6642	6894	0.1%
20	Pickering		1284	1590	1528	1411	1312		25184	32849	34591	32189	36827	0.4%
21	Ajax		963	1173	1198	1153	1208		19203	24432	28018	27704	38144	0.4%
22	Whitby		1265	1755	1670	1703	1646		25492	35630	38200	39640	48930	0.5%
23	Oshawa		2685	2884	2463	2300	1938		55199	58893	56723	54489	59482	0.6%
24	Clarington		627	885	821	890	960		12854	17149	18549	21347	28037	0.3%
25	Georgina		300	406	420	371	311		6228	7494	8712	8468	7905	0.1%

Person Tabulations

Variable: pd_emp (planning district of person's usual place of work)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
26	East Gwillimbury		184	298	354	368	365		3527	5317	8153	7976	10883	0.1%
27	Newmarket		1241	2104	1751	1653	1400		24951	39904	38638	39588	41378	0.4%
28	Aurora		560	1016	1092	1074	933		11098	18974	24355	25453	25656	0.3%
29	Richmond Hill		1897	2793	2706	2897	2711		37867	54560	60975	66112	68568	0.7%
30	Whitchurch-Stouffville		290	549	490	449	488		6386	10226	10912	11291	13190	0.1%
31	Markham		4839	6710	6318	6761	6153		95715	129047	141204	152445	160670	1.7%
32	King		198	347	346	345	291		4401	6561	7823	7323	7792	0.1%
33	Vaughan		4239	6945	7210	7327	6181		85601	135590	159147	171229	177176	1.9%
34	Caledon		526	1096	999	1020	981		11250	19194	21244	23153	27087	0.3%
35	Brampton		4715	7284	7058	7540	6166		96701	144461	162294	173368	193198	2.0%
36	Mississauga		13962	20115	18979	18750	15683		281325	391995	423977	430305	437158	4.6%
37	Halton Hills		539	970	802	861	791		11382	17262	16964	19176	24437	0.3%
38	Milton		747	1251	1340	1388	1390		15277	22314	30171	31809	40656	0.4%
39	Oakville		2840	4224	3570	3687	3519		56374	76006	80099	92368	99313	1.0%
40	Burlington		2855	4184	3582	3107	2968		58351	74944	82247	88137	86028	0.9%
41	Flamborough		332	573	516	419	615		7903	10752	11947	12586	17734	0.2%
42	Dundas		318	317	253	136	192		6466	5578	5359	5133	5118	0.1%
43	Ancaster		279	586	608	366	501		5711	10849	13767	14130	15054	0.2%
44	Glanbrook		113	182	253	176	333		2254	3373	5034	6788	11415	0.1%
45	Stoney Creek		849	1066	947	661	855		16961	19881	20815	23965	26463	0.3%
46	Hamilton		6958	6906	6284	4001	5009		141921	132840	136728	142083	144940	1.5%
51	Grimsby		276	415	345	322	259		5534	7110	7191	8392	7764	0.1%
52	Lincoln		335	445	442	376	386		7059	8301	9582	10169	11915	0.1%
53	Pelham		112	190	140	150	151		2505	3303	3302	4048	5024	0.1%
54	Niagara-O-T-L		335	432	431	449	378		6599	8189	9271	12134	13695	0.1%
55	St Catharines		3108	3091	2515	2318	1758		57899	59192	55317	57227	58472	0.6%
56	Thorold		349	417	299	303	237		6711	7912	6742	7319	7436	0.1%
57	Niagara Falls		1495	1684	1667	1448	1058		29199	34410	37638	39511	35511	0.4%
58	Welland		942	966	728	608	507		18841	18029	16631	15687	18950	0.2%

Person Tabulations

Variable: pd_emp (planning district of person's usual place of work)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
59	Port Colbourne		298	316	260	234	185		5855	5810	5930	5696	6304	0.1%
60	Fort Erie		554	538	388	399	299		10741	10471	9249	9541	11014	0.1%
61	West Lincoln		107	177	165	142	107		2313	3069	3250	3412	3915	0.0%
62	Wainfleet		39	63	57	45	52		812	1160	1229	1204	1769	0.0%
63	Waterloo		2225	2740	3125	2838	2956		42641	55018	63097	66130	80453	0.8%
64	Kitchener		3912	4070	3995	3698	3561		77480	83781	83516	88976	97495	1.0%
65	Cambridge		2098	3058	2755	2616	2235		43550	61433	59049	64097	67426	0.7%
66	North Dumfries		138	206	227	217	167		2918	4069	4607	5331	4084	0.0%
67	Wilmot		206	273	307	209	210		3831	5247	5776	5413	6015	0.1%
68	Wellesley		126	138	168	131	105		2533	2414	2877	2742	2808	0.0%
69	Woolwich		412	550	695	513	462		8524	10197	11581	12598	12925	0.1%
70	City of Guelph		2539	3288	3271	2864	2658		46759	61929	68317	68467	76427	0.8%
71	Puslinch		102	163	151	159	151		2514	3303	3100	3621	4379	0.0%
72	Eramosa/Guelph		43	166	242	165	144		828	3190	3756	3818	3992	0.0%
73	Centre Wellington		24	425	421	362	350		553	7256	7927	7537	10267	0.1%
74	Elora		60						1017					
75	Nichol		33						911					
76	Fergus		159						2821					
77	West Garafraxa		13						565					
78	Eramosa		69						1266					
79	Erin		78	135	231	123	123		1796	2450	2844	2797	3010	0.0%
80	Orangeville		409	705	544	495	411		7614	10818	10664	10732	10986	0.1%
81	Barrie		1647	2599	2538	2758	2111		30652	54119	58703	65936	71081	0.7%
82	Innisfil		186	365	347	322	291		3659	6647	7947	7922	9923	0.1%
83	Bradford-W Gwillimbury		162	363	400	318	340		3646	6869	8948	7842	9753	0.1%
84	New Tecumseth		459	808	767	625	537		8851	15857	15864	15995	17697	0.2%
85	Adjala-Tosorontio		49	80	97	70	54		1245	1620	1783	1591	1599	0.0%
86	Essa		266	316	296	320	267		4716	6300	7335	7684	9041	0.1%
87	Clearview		121	151	171	134	110		2344	2731	3302	3321	3236	0.0%

Person Tabulations

Variable: pd_emp (planning district of person's usual place of work)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
88	Springwater		145	264	234	230	214		2888	5045	4762	5629	7382	0.1%
89	Kawartha Lakes (Lindsay)		434	1137	1042	793	446		8957	19752	22057	19734	23005	0.2%
90	OPS		30						921					
91	Manvers		51						652					
92	Mariposa		35						721					
93	Eldon		23						512					
94	Carden		2						62					
96	L-D-L		12						443					
97	Somerville		30						825					
98	Bexley		1						42					
99	Fenelon		82						1818					
100	Verulam		20						491					
101	Bobcageon		50						1113					
102	Emily		36						806					
103	Peterborough		1816	2112	1795	1593	1347		36775	38189	41042	41090	43556	0.5%
104	Cavan-Millbrook-North Monaghan (Cavan)		53	125	117	120	92		1481	2261	2610	2822	3004	0.0%
105	North Monaghan		19						425					
106	Otonabee-S Monaghan (South Monaghan)		12	70	81	68	62		252	1257	1489	1598	2092	0.0%
107	Otonabee		26						678					
108	Asphodel-Norwood (Asphodel)		37	40	35	30	28		822	786	922	964	906	0.0%
109	Dummer-Douro (Dummer)		13	56	61	38	33		403	1046	994	723	1002	0.0%
110	Douro		92						1864					
111	Lakefield-Smith- Ennismore (Smith)		50	228	238	164	123		1294	4154	4709	3966	4663	0.0%
112	Ennismore		31						563					

Person Tabulations

Variable: pd_emp (planning district of person's usual place of work)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
113	Northumberland		397	101	115	69			6450	1876	2588	1904		
114	Rest of Peterborough		27	15	31	22	19		544	267	724	545	1026	0.0%
115	Hastings		6	15	19	15	75		117	256	411	332	3368	0.0%
116	Haliburton		4	8	8	8	72		80	137	143	171	2680	0.0%
117	Muskoka		15	65	54	58			291	1222	1126	1428		
118	Rest of Simcoe		213						4171					
119	Dufferin		47						935					
120	Grey		23	119	75	95			445	1922	1675	2737		
121	Rest of Wellington		15	50	59	74	73		269	847	1108	1993	2427	0.0%
122	Perth		70	79	86	109	75		1345	1560	1704	2318	2089	0.0%
123	Oxford		55	95	147	182	149		1101	1883	3174	4734	4390	0.0%
124	Brant		172	561	536	527	426		3589	11267	11804	11117	14423	0.2%
125	Haldimand-Norfolk		82	194	175	144	149		1648	3665	3723	3899	4745	0.0%
126	Bruce and Huron Counties						109						3400	0.0%
127	Collingwood			508	475	363	323			8553	9203	8704	12054	0.1%
128	Wasaga Beach			131	157	122	121			2184	3202	2887	4764	0.0%
129	Tiny & Christian Island 30			63	108	48	49			1183	1905	1216	1665	0.0%
130	Penetanguishene			268	203	163	113			4718	4192	4345	4148	0.0%
131	Midland			583	477	387	289			10500	10106	9986	9958	0.1%
132	Tay			68	56	41	35			1233	1205	1247	1317	0.0%
133	Oro-Medonte			220	244	169	229			4135	4597	4087	7414	0.1%
134	Severn			144	160	89	84			2716	3167	1824	3082	0.0%
135	Ramara			255	201	139	90			4859	4184	3415	2628	0.0%
136	Orillia			862	770	620	523			16441	15436	15422	16040	0.2%
140	Mulmur			46	27	33	47			702	547	686	1005	0.0%
141	Shelburne			169	86	69	94			2002	1702	1662	2901	0.0%
142	Amaranth			70	44	37	33			863	1140	965	1327	0.0%

Person Tabulations

Variable: pd_emp (planning district of person's usual place of work)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
143	Melancthon			21	27	16	17			385	791	440	619	0.0%
144	Mono Township			116	87	86	96			1857	2011	1978	2713	0.0%
145	East Luther Grand Valley			67	27	17	25			592	847	581	692	0.0%
146	East Garafraxa			30	30	45	28			410	544	530	597	0.0%
147	Brantford			1859	1674	1576	1305			37438	37139	37979	41487	0.4%
148	Brighton						51						1749	0.0%
149	Cramahe						35						1388	0.0%
150	**Hamilton						46						1419	0.0%
151	Port Hope						229						7345	0.1%
152	Cobourg						285						10095	0.1%
153	Alnwick/Haldimand						40						1157	0.0%
154	Alderville First Nation						2						94	0.0%
155	Trent Hills						100						3489	0.0%
156	The Blue Mountains						127						4632	0.0%
157	West Grey						99						3158	0.0%
158	Southgate						35						1533	0.0%
159	Grey Highlands						123						4236	0.0%
160	Hanover						79						2533	0.0%
161	Chatsworth						40						893	0.0%
162	Meaford						83						3399	0.0%
163	Georgian Bluffs						63						2387	0.0%
164	Owen Sound						336						12172	0.1%
888	No usual place		5112	8280	11726	19567	20125		103194	158797	257763	476513	577760	6.0%
997	External undefined			202						3844				
998	External		266	129	284	372	412		5251	2450	6041	9069	11178	0.1%
999	Unknown		430						8724					
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

Person Tabulations

Table 6-59 Regional municipality of person's school

Variable: region_sch (regional municipality of person's usual place of school)														
		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	Not a student		235646	310179	329456	325310	310484		4741191	5947233	6581112	6894773	7477481	78.3%
1	Toronto		29596	25709	22953	19711	19132		599345	492511	609142	548434	665819	7.0%
2	Durham		5118	3886	3421	3199	3582		103693	79276	84891	88616	143397	1.5%
3	York		6342	5454	5348	4968	6343		124355	105847	116552	122056	204046	2.1%
4	Peel		8762	7814	7773	6800	6854		176997	154895	179916	176011	267810	2.8%
5	Halton		3766	3180	2486	2675	3249		75930	55236	59786	72178	121244	1.3%
6	Hamilton		5404	4541	3693	2215	3348		110675	86666	91242	92460	132035	1.4%
11	Niagara		4775	3362	2337	1836	1861		92976	63769	58446	60147	87027	0.9%
12	Waterloo		5686	4117	3824	3412	4245		111160	83090	88558	97996	159203	1.7%
13	Guelph		1630	1375	1033	1111	1215		28886	25319	23030	31557	46121	0.5%
14	Wellington		371	282	278	178	233		8073	4938	4098	4418	8124	0.1%
15	Orangeville		297	243	186	133	158		5359	3768	3884	3903	6008	0.1%
16	Barrie		1170	1148	1052	888	905		21404	24062	27382	25578	34682	0.4%
17	Simcoe		1070	1489	981	769	1021		22031	27077	23431	24162	47675	0.5%
18	Kawartha Lakes		733	420	281	209	145		14807	7253	7785	6489	9152	0.1%
19	Peterborough City		1307	931	574	500	627		25215	17053	17256	15824	24691	0.3%
20	Peterborough		267	190	126	65	100		7034	3486	3308	1543	3808	0.0%
21	Orillia			317	281	202	195			6008	6651	7283	9082	0.1%
22	Dufferin			188	78	68	113			2224	1809	2199	5049	0.1%
23	Brantford			669	583	462	529			13403	13490	13206	20928	0.2%
24	Brant			138	87	105	112			2748	2473	1987	4769	0.0%
25	Northumberland						173						9353	0.1%
26	The Blue Mountains						24						665	0.0%
27	Grey						203						12219	0.1%
88	No usual place		5						104					
98	External		696	433	276	521	1321		13057	8174	7650	15521	50150	0.5%
99	Unknown		140	25588	23297	20548			2850	491303	508414	516461		
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

Person Tabulations

Table 6-60 Planning district of person's school

Variable: pd_sch (planning district of person's usual place of school)													
Code	Description	No of Records					Expanded Frequency					2022%	of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022
0	Not Employed	235646	310179	329456	325310	310484		4741191	5947233	6581112	6894773	7477481	78.3%
1	PD 1 of Toronto	5429	6240	5696	5867	4690		108267	120459	169372	161515	161360	1.7%
2	PD 2 of Toronto	1574	1015	845	610	1307		31376	19467	17171	16967	27905	0.3%
3	PD 3 of Toronto	1845	1067	925	622	830		38567	20046	20586	16838	28063	0.3%
4	PD 4 of Toronto	2185	2022	1845	1441	1873		43881	37632	44355	38766	56284	0.6%
5	PD 5 of Toronto	1141	1265	1122	695	658		23404	24154	27439	17889	24573	0.3%
6	PD 6 of Toronto	1816	1142	951	708	1351		36790	21805	21792	17865	33434	0.4%
7	PD 7 of Toronto	447	436	492	484	429		9606	8644	13125	14001	13579	0.1%
8	PD 8 of Toronto	1705	1077	1075	729	905		34889	20570	23954	18655	30564	0.3%
9	PD 9 of Toronto	1490	1421	1411	1198	889		31035	27606	38187	36267	37751	0.4%
10	PD 10 of Toronto	3204	3483	3202	2493	1892		66516	67705	90742	73197	81106	0.8%
11	PD 11 of Toronto	1478	1154	938	825	924		30216	21702	21799	21673	29418	0.3%
12	PD 12 of Toronto	1218	866	642	837	663		23994	16447	17566	23665	24431	0.3%
13	PD 13 of Toronto	2520	1684	1535	1073	924		51259	32753	40273	31068	42292	0.4%
14	PD 14 of Toronto	585	482	404	319	317		11782	9085	10012	8090	11243	0.1%
15	PD 15 of Toronto	1000	1028	954	1008	776		19582	19960	28098	30385	32769	0.3%
16	PD 16 of Toronto	1959	1327	916	802	704		38179	24475	24672	21594	31045	0.3%
17	Brock	126	86	47	31	39		2340	1271	820	1007	2145	0.0%
18	Uxbridge	132	131	113	108	62		3305	2185	2569	2636	3029	0.0%
19	Scugog	168	149	103	83	78		3946	2470	2434	2108	3308	0.0%
20	Pickering	846	505	429	326	395		16019	10922	10641	8717	14802	0.2%
21	Ajax	728	527	556	465	540		14373	11530	12891	11809	22772	0.2%
22	Whitby	886	735	674	678	886		17492	14953	15923	18074	31107	0.3%
23	Oshawa	1633	1241	1143	1199	1144		33729	26039	31021	35707	49480	0.5%
24	Clarington	599	512	356	309	438		12489	9907	8591	8558	16754	0.2%
25	Georgina	297	248	196	153	144		6155	4589	4146	3983	5906	0.1%

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
26	East Gwillimbury		144	61	25	36	90		2573	1066	772	1094	3597	0.0%
27	Newmarket		734	636	546	407	480		14402	12046	11189	11012	17837	0.2%
28	Aurora		464	409	383	359	411		9097	7411	8387	8918	13091	0.1%
29	Richmond Hill		984	915	906	933	1085		19676	18431	19748	21128	33511	0.4%
30	Whitchurch-Stouffville		157	88	112	95	179		3738	1618	2557	3522	7223	0.1%
31	Markham		1993	1673	1611	1537	2081		37571	32540	35498	37532	61658	0.6%
32	King		219	253	232	204	229		4913	4817	6259	6176	8845	0.1%
33	Vaughan		1350	1171	1337	1244	1644		26231	23329	27997	28692	52377	0.5%
34	Caledon		366	379	347	393	449		8415	6429	7954	9429	17306	0.2%
35	Brampton		2882	2753	2877	2729	2601		59054	56039	69396	69461	110736	1.2%
36	Mississauga		5514	4682	4549	3678	3804		109528	92428	102566	97121	139768	1.5%
37	Halton Hills		337	333	266	272	289		7190	5876	5651	6583	10952	0.1%
38	Milton		369	285	325	538	781		7507	4856	7781	11681	29342	0.3%
39	Oakville		1848	1592	1241	1212	1452		36339	28146	30456	34207	51554	0.5%
40	Burlington		1212	970	654	653	727		24893	16358	15898	19707	29397	0.3%
41	Flamborough		210	195	124	89	205		5362	3591	3557	2957	6840	0.1%
42	Dundas		197	145	100	42	97		4032	2487	1980	2061	2571	0.0%
43	Ancaster		259	245	169	85	210		5370	4323	4212	3974	7887	0.1%
44	Glanbrook		82	11	30	54	158		1598	197	403	2509	7136	0.1%
45	Stoney Creek		477	430	345	216	315		8951	7855	7729	8286	13468	0.1%
46	Hamilton		4179	3515	2925	1729	2363		85362	68213	73361	72673	94134	1.0%
51	Grimsby		213	189	126	121	137		4245	3159	2833	2799	6205	0.1%
52	Lincoln		166	126	88	67	83		3749	2314	1936	1869	2531	0.0%
53	Pelham		107	92	45	44	73		2576	1587	1389	1296	2641	0.0%
54	Niagara-O-T-L		78	179	130	100	85		1642	3357	3319	3389	4287	0.0%
55	St Catharines		1888	1318	923	752	753		34756	25348	22581	25113	35155	0.4%
56	Thorold		156	78	37	45	51		3030	1425	1069	1376	1913	0.0%
57	Niagara Falls		773	457	329	216	249		15189	9510	7836	7487	13117	0.1%
58	Welland		807	544	435	315	250		15920	10080	11595	11418	12603	0.1%

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
59	Port Colbourne		196	135	71	68	56		3807	2494	2076	2276	2580	0.0%
60	Fort Erie		213	135	95	60	61		4105	2643	2485	1921	3127	0.0%
61	West Lincoln		136	98	51	42	46		3081	1648	1113	1109	1998	0.0%
62	Wainfleet		42	11	7	6	17		877	203	213	93	870	0.0%
63	Waterloo		2187	1501	1373	1532	1895		40265	30230	33505	42497	69470	0.7%
64	Kitchener		2003	1404	1408	1086	1380		39766	29209	32856	32473	51207	0.5%
65	Cambridge		1048	880	742	585	676		22012	17632	17050	17556	27253	0.3%
66	North Dumfries		46	18	17	8	20		1068	323	292	169	858	0.0%
67	Wilmot		160	104	95	70	81		2901	1964	1981	1826	3809	0.0%
68	Wellesley		70	32	30	23	39		1431	548	500	567	1541	0.0%
69	Woolwich		172	178	159	108	154		3718	3183	2374	2908	5066	0.1%
70	City of Guelph		1630	1375	1033	1111	1215		28886	25319	23030	31557	46121	0.5%
71	Puslinch		12	12	9	8	9		371	268	293	312	286	0.0%
72	Eramosa/Guelph (Guelph Twp)		3	15	36	16	40		63	291	396	356	1695	0.0%
73	Centre Wellington (Pilkington)		9	182	105	118	133		245	3003	2200	2670	4387	0.0%
74	Elora		32						627					
75	Nichol		9						356					
76	Fergus		160						3034					
77	West Garafraxa		8						357					
78	Eramosa		45						760					
79	Erin		93	73	128	36	51		2259	1375	1209	1081	1755	0.0%
80	Orangeville		297	243	186	133	158		5359	3768	3884	3903	6008	0.1%
81	Barrie		1170	1148	1052	888	905		21404	24062	27382	25578	34682	0.4%
82	Innisfil		170	169	119	118	140		3393	2980	3042	3415	6148	0.1%
83	Bradford-W Gwillimbury		204	218	120	131	201		4902	4016	3261	3259	7346	0.1%
84	New Tecumseth		289	192	176	137	175		5635	3863	3414	4155	8370	0.1%
85	Adjala-Tosorontio		38	21	13	11	13		1087	435	287	240	584	0.0%

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

Code	Description	No of Records					Expanded Frequency						2022% of Total	
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016		2022
86	Essa		131	45	37	54	82		2238	863	1240	1597	3154	0.0%
87	Clearview		114	70	38	23	26		2184	1274	993	674	1734	0.0%
88	Springwater		124	94	53	45	46		2592	1740	1192	1435	2554	0.0%
89	Kawartha Lakes (Lindsay)		316	420	281	209	145		5885	7253	7785	6489	9152	0.1%
90	OPS		72						1766					
91	Manvers		84						1021					
92	Mariposa		62						1349					
93	Eldon		24						514					
94	Carden		2						84					
96	L-D-L		4						168					
97	Somerville		18						476					
98	Bexley		1						42					
99	Fenelon		81						1961					
100	Verulam		12						308					
101	Bobcageon		10						217					
102	Emily		47						1017					
103	Peterborough		1307	931	574	500	627		25215	17053	17256	15824	24691	0.3%
104	Cavan-Millbrook-N Monaghan (Cavan)		20	92	62	30	40		831	1671	1732	674	1293	0.0%
105	North Monaghan		50						1253					
106	Otonabee-S Monaghan (South Monaghan)		7	15	9	4	12		192	261	190	88	418	0.0%
107	Otonabee		10						504					
108	Asphodel-Norwood (Asphodel)		37	17	10	7	12		874	335	295	206	563	0.0%
109	Dummer-Douro (Dummer)		7	6	6	8	16		210	107	167	159	711	0.0%
110	Douro		66						1365					

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
111	Lakefield-Smith-Ennismore (Smith)		44	60	39	16	20		1327	1112	924	416	823	0.0%
112	Ennismore		26						478					
113	Northumberland		188	23	9	6			2855	446	210	239		
114	Rest of Peterborough			1			2		0	19			174	0.0%
115	Hastings		3			1	7		58			26	493	0.0%
116	Haliburton			1			3		0	17			137	0.0%
117	Muskoka			47	19				0	898	568			
118	Rest of Simcoe		33						623					
119	Dufferin		7						124					
120	Grey		2	10	1	8			37	157	37	222		
121	Rest of Wellington		1	6	7	2	2		45	102	121	51	51	0.0%
122	Perth		3	4	2	12	2		60	74	59	394	55	0.0%
123	Oxford		1	0	4	3	14		21		92	81	649	0.0%
124	Brant		43	138	87	105	112		871	2748	2473	1987	4769	0.0%
125	Haldimand-Norfolk		4	11	3	9	6		80	211	72	258	546	0.0%
126	Bruce and Huron Counties						11						426	0.0%
127	Collingwood			194	138	90	92			3210	3192	3283	4237	0.0%
128	Wasaga Beach			47	18	18	29			780	486	529	2295	0.0%
129	Tiny & Christian Island 30			11	14	6	16			205	270	266	860	0.0%
130	Penetanguishene			96	42	24	27			1687	1008	874	877	0.0%
131	Midland			199	141	72	78			3567	3442	2770	4600	0.0%
132	Tay			28	14	6	13			510	317	258	741	0.0%
133	Oro-Medonte			49	31	14	40			895	668	497	2482	0.0%
134	Severn			25	15	11	27			471	382	548	931	0.0%
135	Ramara			31	12	9	16			581	236	361	761	0.0%
136	Orillia			317	281	202	195			6008	6651	7283	9082	0.1%

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
140	Mulmur			15	6	6	13			238	151	159	558	0.0%
141	Shelburne			127	47	27	49			1430	1019	1132	2332	0.0%
142	Amaranth			15	7	12	24			204	190	323	1243	0.0%
144	Mono Township			9	7	13	13			152	176	372	485	0.0%
145	East Luther Grand Valley			17	3	2	4			139	100	122	208	0.0%
146	East Garafraxa			5	8	8	10			61	173	92	222	0.0%
147	Brantford			669	583	462	529			13403	13490	13206	20928	0.2%
148	Brighton						5						552	0.0%
149	Cramahe						3						377	0.0%
150	**Hamilton						19						1078	0.0%
151	Port Hope						53						2449	0.0%
152	Cobourg						57						3542	0.0%
153	Alnwick/Haldimand						9						275	0.0%
154	Alderville First Nation						2						114	0.0%
155	Trent Hills						25						968	0.0%
156	The Blue Mountains						24						665	0.0%
157	West Grey						15						1216	0.0%
158	Southgate						15						946	0.0%
159	Grey Highlands						39						2313	0.0%
160	Hanover						27						1111	0.0%
161	Chatsworth						3						119	0.0%
162	Meaford						22						1295	0.0%
163	Georgian Bluffs						11						689	0.0%
164	Owen Sound						71						4529	0.0%
888	No usual place		5						104					
997	External undefined			209					3975					
998	External		411	121	231	480	1274		8283	2276	6490	14250	47619	0.5%
999	Unknown		140	25588	23297	20548			2850	491303	508414	516461		

Person Tabulations

Variable: pd_sch (planning district of person's usual place of school)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

Table 6-61 Immigration status

Variable: immigration (If immigrated, when did they immigrate)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	Not applicable - Born in Canada / Canadian citizen at birth						232905						6059763	63.4%
2	Immigrated within the last 2 years						4198						164659	1.7%
3	Immigrated 3 to 5 years ago (2017-2019)						6866						262185	2.7%
4	Immigrated 5 to 10 years ago (2012-2017)						9603						349010	3.7%
5	Immigrated 10 to 15 years ago (2007-2012)						11276						364945	3.8%
6	Immigrated more than 15 years ago (2006 or earlier)						83250						1797845	18.8%
77	Not applicable - Not a permanent resident or citizen of Canada (student visa, visitor, other status)						3037						117902	1.2%
99	Don't know						15037						434231	4.5%
	Total						366172						9550540	

Person Tabulations

Table 6-62 Person's ethnic or cultural origin (derived field)

Variable: ethnicity (person's ethnic or cultural origin) (this single variable codes persons with multiple responses into one of codes 61, 65, or 66)														
Code	Description	No of Records					Expanded Frequency						2022% of Total	
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016		2022
1	African						3179						128319	1.3%
2	Asian - East Asian						34983						899478	9.4%
3	Asian - Southeast Asian						16132						527779	5.5%
4	Asian - South Asian						23153						817186	8.6%
5	Caribbean						6063						169773	1.8%
6	Indigenous						1192						33126	0.3%
7	Latin, Central and South American						6501						199568	2.1%
8	Middle Eastern/North African						6995						229785	2.4%
10	European						72898						1654876	17.3%
11	Canadian						142829						3408783	35.7%
12	American						684						14069	0.1%
13	Jewish						407						9203	0.1%
61	Canadian or American + European + no other selected						12709						324323	3.4%
65	Indigenous + other ethnic or cultural origins						1315						43647	0.5%
66	Multiple ethnic or cultural origins selected other than 'Canadian or American + European' or 'Indigenous + any other category'						16279						524771	5.5%
77	Other						711						21772	0.2%
99	Don't know or refused						20142						544083	5.7%
	Total						366172						9550540	

Person Tabulations

Table 6-63 Persons who commuted to work or travelled for work purposes during the last week prior to the survey

Variable: workcommute (indicator variable to show if person commuted to work or travelled for work purposes during the last week)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
1	commuted on at least one weekday last week						117023						3274035	34.3%
77	Did not travel to or for work at all in the last week						12942						355848	3.7%
88	Not applicable (no usual workplace or not a worker)						234260						5855319	61.3%
99	Don't know						1947						65338	0.7%
	Total						366172						9550540	

Table 6-64 Persons who traveled to/for work on Monday during the last week prior to completing the survey

Variable: wrkcmon (whether traveled to/for work on Monday last week)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	No						48119						1286744	13.5%
1	Yes						81846						2343138	24.5%
9	Don't Know / Refused						1947						65338	0.7%
O	No usual workplace or not a worker						234260						5855319	61.3%
	Total						366172						9550540	

Person Tabulations

Table 6-65 Persons who traveled to/for work on Tuesday during the last week prior to completing the survey

Variable: wrkctue (whether traveled to/for work on Tuesday last week)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	No						38555						1056780	11.1%
1	Yes						91410						2573103	26.9%
9	Don't Know / Refused						1947						65338	0.7%
O	No usual workplace or not a worker						234260						5855319	61.3%
	Total						366172						9550540	

Table 6-66 Persons who traveled to/for work on Wednesday during the last week prior to completing the survey

Variable: wrkcwed (whether traveled to/for work on Wednesday last week)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	No						38280						1044942	10.9%
1	Yes						91685						2584941	27.1%
9	Don't Know / Refused						1947						65338	0.7%
O	No usual workplace or not a worker						234260						5855319	61.3%
	Total						366172						9550540	

Person Tabulations

Table 6-67 Persons who traveled to/for work on Thursday during the last week prior to completing the survey

Variable: wrkthur (whether traveled to/for work on Thursday last week)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	No						40581						1099579	11.5%
1	Yes						89384						2530303	26.5%
9	Don't Know / Refused						1947						65338	0.7%
O	No usual workplace or not a worker						234260						5855319	61.3%
	Total						366172						9550540	

Table 6-68 Persons who traveled to/for work on Friday during the last week prior to completing the survey

Variable: wrkfri (whether traveled to/for work on Friday last week)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	No						54364						1433935	15.0%
1	Yes						75601						2195947	23.0%
9	Don't Know / Refused						1947						65338	0.7%
O	No usual workplace or not a worker						234260						5855319	61.3%
	Total						366172						9550540	

Person Tabulations

Table 6-69 Number of weekdays on which persons traveled to work

Variable: n_wcommdays (number of weekdays selected in wrkcmon through wrkcfri)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	None						12942						355848	3.7%
1	1 weekday						12683						339007	3.5%
2	2 weekdays						17645						458769	4.8%
3	3 weekdays						18563						501202	5.2%
4	4 weekdays						14396						408004	4.3%
5	5 weekdays						53736						1567053	16.4%
88	Not applicable: No usual workplace or not a worker						234260						5855319	61.3%
99	Don't know						1947						65338	0.7%
	Total						366172						9550540	

Table 6-70 Work travel pattern

Variable: wcomm_lastwk (work travel pattern last week, with a value of 0 or 1 for each day of the week)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
00000	None						12942						355848	3.7%
00001	only Fri						1780						55332	0.6%
00010	only Thu						2781						73155	0.8%
00011	Thu, Fri						1269						37434	0.4%
00100	only Wed						3637						94007	1.0%
00101	Wed, Fri						893						23433	0.2%
00110	Wed, Thu						2472						62607	0.7%
00111	Wed, Thu, Fri						1998						59135	0.6%
01000	only Tue						2865						71735	0.8%
01001	Tue, Fri						840						21302	0.2%

Person Tabulations

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
01010	Tue, Thu						3641						92002	1.0%
01011	Tue, Thu, Fri						1029						29504	0.3%
01100	Tue, Wed						3014						74619	0.8%
01101	Tue, Wed, Fri						889						24288	0.3%
01110	Tue, Wed, Thu						4444						109913	1.2%
01111	Tue, Wed, Thu, Fri						3625						102429	1.1%
10000	only Mon						1620						44778	0.5%
10001	Mon, Fri						888						25360	0.3%
10010	Mon, Thu,						1092						29857	0.3%
10011	Mon, Thu, Fri						937						26727	0.3%
10100	Mon, Wed						1592						40877	0.4%
10101	Mon, Wed, Fri						1929						52624	0.6%
10110	Mon, Wed, Thu						1382						34575	0.4%
10111	Mon, Wed, Thu, Fri						1343						41030	0.4%
11000	Mon, Tue						1944						51277	0.5%
11001	Mon, Tue, Fri						1214						36427	0.4%
11010	Mon, Tue, Thu						1590						40880	0.4%
11011	Mon, Tue, Thu, Fri						1848						53323	0.6%
11100	Mon, Tue, Wed						3151						87128	0.9%
11101	Mon, Tue, Wed, Fri						1383						40545	0.4%
11110	Mon, Tue, Wed, Thu						6197						170677	1.8%
11111	Mon, Tue, Wed, Thu, Fri						53736						1567053	16.4%
99999	Don't know						1947						65338	0.7%
O	Not applicable (no usual workplace or not a worker)						234260						5855319	61.3%
	Total						366172						9550540	

Person Tabulations

Table 6-71 Day of week of the travel day for person's household

Variable: trip_day (day of week of the travel day for this household)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Monday						51446						1318961	13.8%
2	Tuesday						63537						1631326	17.1%
3	Wednesday						63479						1654415	17.3%
4	Thursday						97711						2553409	26.7%
5	Friday						89999						2392428	25.1%
	Total						366172						9550540	

Table 6-72 Persons reporting trips in their travel day

Variable: made_trips (Whether reported travel on their travel day)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	No, Did not travel						86145						2144330	22.5%
1	Yes, took trips						268307						6949436	72.8%
2	Too young to capture trips						11720						456774	4.8%
	Total						366172						9550540	

Person Tabulations

Table 6-73 Persons who had at least one trip to school on their travel day (new derived field in 2022)

Variable: sch_trip (whether person had at least one trip to school on their travel day)													
Code	Description	No of Records					Expanded Frequency					2022%	of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022
0	No						326957					8117165	85.0%
1	Yes						39215					1433374	15.0%
	Total						366172					9550540	

Table 6-74 Persons who had at least one trip to/for work on their travel day (new derived field in 2022)

Variable: work_trip (whether person had at least one trip to work or for work-related purposes on their travel day)													
Code	Description	No of Records					Expanded Frequency					2022%	of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022
0	No						267177					6788877	71.1%
1	Yes						98995					2761662	28.9%
	Total						366172					9550540	

Table 6-75 Employed persons who did not make a work trip but had worked from home (broader category)

Variable: no_work (whether an employed person who did not make a work trip had worked from home)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
9	Unknown		274	3826	1747	3637	2809		5460	73567	38603	89458	85880	1%
N	No		14360	15438	17126	13500	14305		289166	297085	377664	324652	418256	4%
O	Not applicable		295838	381326	389610	374746	323723		5943748	7314418	8062533	8319173	8379823	88%
Y	Yes		2309	1063	1921	4002	25335		46768	20271	41508	89519	666580	7%
	Total		312781	401653	410404	395885	366172		6285143	7705341	8520307	8822802	9550540	

In 2016 and earlier, this question was only asked of full-time employed persons. In 2022, it was asked of both full-time and part-time employed persons.

Person Tabulations

Table 6-76 Number of trips made by person on trip day

Variable: n_pers_trip (number of trips made by individual on trip day)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	43087	98773	122224	129976	121317	97865	1026868	1990837	2349566	2616888	2738213	2601104	27.2%
1	1	2555	2830	3951	4462	5045	6579	61471	56771	75264	89856	107670	162245	1.7%
2	2	78223	120819	155153	156372	164327	162446	1859989	2427832	2981528	3351873	3723449	4328310	45.3%
3	3	11098	21638	31752	33260	31016	32561	263815	434932	607215	673280	655148	781630	8.2%
4	4	21946	38719	47739	46410	41561	37912	517812	775633	913779	977101	904744	966748	10.1%
5	5	5565	11354	15395	15198	13001	11862	130888	227091	293154	309146	272752	289913	3.0%
6	6	4304	8853	11920	11865	9862	8751	101025	176717	227313	242437	209604	213896	2.2%
7	7	1724	3809	5247	5084	4103	3549	40598	76310	100058	102298	87401	88412	0.9%
8	8	1091	2509	3423	3429	2626	2316	25625	50111	65241	69645	56585	56848	0.6%
9	9	582	1323	1867	1723	1306	1033	13668	26214	35453	34661	28055	25248	0.3%
10	10	385	855	1267	1086	781	614	8981	17006	24166	22003	17449	16405	0.2%
11	11	215	470	625	577	416	306	4916	9311	11946	11637	9366	8115	0.1%
12	12	123	302	399	381	223	185	2899	5938	7601	7742	5435	5670	0.1%
13	13	58	192	267	200	119	95	1339	3811	5072	4016	2542	2859	0.0%
14	14	50	126	165	140	75	51	1204	2511	3135	2880	1754	1732	0.0%
15	15	28	70	96	80	46	17	664	1384	1795	1619	1097	493	0.0%
16	16	23	52	66	63	31	14	505	996	1249	1315	670	419	0.0%
17	17	15	29	35	36	8	7	347	576	636	731	221	211	0.0%
18	18	2	20	22	15	7	4	54	393	419	299	238	159	0.0%
19	19	4	12	10	10	4	1	97	246	184	187	93	28	0.0%
20	20	2	6	6	9	3	1	40	119	113	152	55	17	0.0%
21	21	2	6	10	10	3	1	47	122	191	193	78	25	0.0%
22	22	0	3	3	5	1	1	0	61	58	100	24	30	0.0%
23	23	1	5	5	3	1	1	20	98	101	67	25	23	0.0%
24	24	0	2	2	3			0	41	35	50			
25	25	1	1	0	0			22	18	0	0			

Person Tabulations

Variable: n_pers_trip (number of trips made by individual on trip day)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
26	26	1	0	1	0	1		28	0	18	0	12		
28	28	0	1	0	0			0	21	0	0			
29	29	0	0	2	0			0	0	32	0			
30	30	1	0	0	2			26	0	0	41			
31	31	0	1	0	1			0	21	0	18			
32						1						99		
33						1						23		
34	34	0	0	1	0			0	0	19	0			
35	35	0	0	0	1			0	0	0	15			
37	37	0	0	0	1			0	0	0	17			
38	38	0	0	0	1			0	0	0	24			
54	54	0	0	0	1			0	0	0	16			
57	57	0	1	0	0			0	19	0	0			
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-77 Number of transit trips made by person on trip day (2016 and earlier persons 11+, 2022 persons 5+)

Variable: n_tran_trip (number of transit trips made by individual on trip day)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	142634	277291	357392	366403	349393	336835	3378805	5568351	6846474	7486968	7726903	8753977	91.7%
1	1	4380	5794	6945	6579	6856	6209	104984	116323	134830	151484	168524	178629	1.9%
2	2	21364	26321	33550	33851	35943	21100	513165	531881	650758	799898	835712	559815	5.9%
3	3	1585	1974	2253	2171	2427	1406	38598	40074	43592	49707	59513	39872	0.4%
4	4	947	1153	1254	1181	1033	521	23093	23450	24608	27507	26290	15330	0.2%
5	5	117	168	168	151	158	70	2884	3443	3326	3329	3905	2112	0.0%
6	6	42	57	65	50	52	22	1001	1164	1252	992	1379	580	0.0%
7	7	9	16	21	14	10	6	221	316	403	301	216	98	0.0%

Person Tabulations

Variable: n_tran_trip (number of transit trips made by individual on trip day)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
8	8	8	7	1	4	7	1	198	141	22	121	208	17	0.0%
9	9	0	0	2	0	6	2	0	0	36	0	153	110	0.0%
10	10	0	0	1	0			0	0	20	0			
11	11	0	0	1	0			0	0	21	0			
	Total	171086	312781	401653	410404	395885	366172	4062949	6285143	7705341	8520307	8822802	9550540	

Table 6-78 Number of trips with primary mode of GO Train only (new derived field in 2022)

Variable: n_gotr_trip (number of trips with primary mode of GO Train and did not use other transit)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						362877					9511927		99.6%
1	1						1740					20610		0.2%
2	2						1554					17991		0.2%
3	3													0.0%
4	4						1					11		0.0%
	Total						366172					9550540		

Table 6-79 Number of trips with primary mode of joint GO Train and other transit (new derived field in 2022)

Variable: n_igot_trip (number of trips with primary mode of joint GO Train and other transit)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						363076					9510273		99.6%
1	1						1890					24210		0.3%
2	2						1203					15992		0.2%
3	3						3					65		0.0%

Person Tabulations

Variable: n_igot_trip (number of trips with primary mode of joint GO Train and other transit)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
	Total						366172						9550540	

Table 6-80 Number of trips with primary mode of transit that did not use GO Train (new derived field in 2022)

Variable: n_loct_trip (number of trips with primary mode of Transit and did not use GO Train)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						341436						8810638	92.3%
1	1						5960						175738	1.8%
2	2						16896						507951	5.3%
3	3						1299						38480	0.4%
4	4						492						14958	0.2%
5	5						60						1994	0.0%
6	6						21						559	0.0%
7	7						5						93	0.0%
8	8						1						17	0.0%
9	9						2						110	0.0%
	Total						366172						9550540	

Person Tabulations

Table 6-81 Number of trips via auto driver (new derived field in 2022)

Variable: n_drvr_trip (number of trips via auto driver)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						200394						5535492	58.0%
1	1						6333						148661	1.6%
2	2						97460						2384092	25.0%
3	3						22413						514964	5.4%
4	4						21693						528108	5.5%
5	5						7524						179180	1.9%
6	6						5203						127633	1.3%
7	7						2239						55972	0.6%
8	8						1422						35374	0.4%
9	9						668						16613	0.2%
10	10						397						11021	0.1%
11	11						187						5582	0.1%
12	12						117						4052	0.0%
13	13						59						1681	0.0%
14	14						32						1099	0.0%
15	15						14						352	0.0%
16	16						7						269	0.0%
17	17						3						156	0.0%
18	18						3						131	0.0%
19	19						1						28	0.0%
20	20						1						23	0.0%
21	21						1						25	0.0%
22	22						1						30	0.0%
	Total						366172						9550540	

Person Tabulations

Table 6-82 Number of trips via auto passenger (new derived field in 2022)

Variable: n_psgr_trip (number of trips via auto passenger)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0						312431						8077054	84.6%
1	1						10356						296791	3.1%
2	2						30819						852044	8.9%
3	3						6525						169477	1.8%
4	4						4028						103531	1.1%
5	5						1195						31210	0.3%
6	6						544						14299	0.1%
7	7						165						3824	0.0%
8	8						60						1335	0.0%
9	9						27						434	0.0%
10	10						12						273	0.0%
11	11						4						131	0.0%
12	12						3						71	0.0%
13	13						1						30	0.0%
14	14						1						6	0.0%
15	15													0.0%
16	16						1						28	0.0%
	Total						366172						9550540	

Person Tabulations

Table 6-83 Number of cycling or electric micromobility trips (new derived field in 2022)

Variable: n_bike_trip (number of cycling or electric micromobility trips)														
Code	Description	No of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						360169						9403750	98.5%
1	1						606						14990	0.2%
2	2						4185						103196	1.1%
3	3						604						14367	0.2%
4	4						437						9983	0.1%
5	5						89						2560	0.0%
6	6						45						789	0.0%
7	7						26						517	0.0%
8	8						9						358	0.0%
9	9						2						28	0.0%
	Total						366172						9550540	

Table 6-84 Number of walking trips (new derived field in 2022)

Variable: n_walk_trip (number of walking trips)														
		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						326947						8443440	88.4%
1	1						7315						211370	2.2%
2	2						25033						721815	7.6%
3	3						2512						59969	0.6%
4	4						3177						84205	0.9%
5	5						537						13616	0.1%
6	6						431						10665	0.1%
7	7						108						2458	0.0%
8	8						69						1815	0.0%

Person Tabulations

Variable: n_walk_trip (number of walking trips)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
9	9						25						843	0.0%
10	10						13						183	0.0%
11	11						3						89	0.0%
12	12						1						34	0.0%
13	13						1						36	0.0%
	Total						366172						9550540	

Table 6-85 Number of trips via other modes (new derived field in 2022)

Variable: n_othm_trip (number of trips via other modes)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	0						353838						9114715	95.4%
1	1						4076						128329	1.3%
2	2						8005						301034	3.2%
3	3						149						3705	0.0%
4	4						83						2442	0.0%
5	5						15						241	0.0%
6	6						6						72	0.0%
	Total						366172						9550540	

Person Tabulations

Table 6-86 Number of trips that would have been collected under 2016 parameters

Variable: n_pers_trip2016 (number of trips that would have been collected under 2016 parameters)														
Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	0	43087	98773	122224	129976	121317	122352	1026868	1990837	2349566	2616888	2738213	3389861	35.5%
1	1	2555	2830	3951	4462	5045	6542	61471	56771	75264	89856	107670	160396	1.7%
2	2	78223	120819	155153	156372	164327	147823	1859989	2427832	2981528	3351873	3723449	3817352	40.0%
3	3	11098	21638	31752	33260	31016	31334	263815	434932	607215	673280	655148	738978	7.7%
4	4	21946	38719	47739	46410	41561	32846	517812	775633	913779	977101	904744	821286	8.6%
5	5	5565	11354	15395	15198	13001	10698	130888	227091	293154	309146	272752	257955	2.7%
6	6	4304	8853	11920	11865	9862	7455	101025	176717	227313	242437	209604	183013	1.9%
7	7	1724	3809	5247	5084	4103	3142	40598	76310	100058	102298	87401	79266	0.8%
8	8	1091	2509	3423	3429	2626	1998	25625	50111	65241	69645	56585	49369	0.5%
9	9	582	1323	1867	1723	1306	887	13668	26214	35453	34661	28055	21486	0.2%
10	10	385	855	1267	1086	781	513	8981	17006	24166	22003	17449	13993	0.1%
11	11	215	470	625	577	416	251	4916	9311	11946	11637	9366	6927	0.1%
12	12	123	302	399	381	223	163	2899	5938	7601	7742	5435	5211	0.1%
13	13	58	192	267	200	119	79	1339	3811	5072	4016	2542	2482	0.0%
14	14	50	126	165	140	75	47	1204	2511	3135	2880	1754	1663	0.0%
15	15	28	70	96	80	46	18	664	1384	1795	1619	1097	461	0.0%
16	16	23	52	66	63	31	11	505	996	1249	1315	670	376	0.0%
17	17	15	29	35	36	8	5	347	576	636	731	221	199	0.0%
18	18	2	20	22	15	7	4	54	393	419	299	238	159	0.0%
19	19	4	12	10	10	4	1	97	246	184	187	93	28	0.0%
21	21	2	6	6	9	3	1	40	119	113	152	55	25	0.0%
22	22	2	6	10	10	3	1	47	122	191	193	78	30	0.0%
23	23	0	3	3	5	1	1	0	61	58	100	24	23	0.0%
24	24	1	5	5	3	1		20	98	101	67	25		
25	25	0	2	2	3			0	41	35	50			
26	26	1	1	0	0			22	18	0	0			

Person Tabulations

Variable: n_pers_trip2016 (number of trips that would have been collected under 2016 parameters)

Code	Description	No of Records					2022	Expanded Frequency					2022	2022% of Total
		1986	1996	2006	2011	2016		1986	1996	2006	2011	2016		
28	28	1	0	1	0	1		28	0	18	0	12		
29	29	0	1	0	0			0	21	0	0			
30	30	0	0	2	0			0	0	32	0			
31	31	1	0	0	2			26	0	0	41			
32	32	0	1	0	1			0	21	0	18			
33	33					1							99	
34	34					1							23	
35	35	0	0	1	0			0	0	19	0			
37	37	0	0	0	1			0	0	0	15			
38	38	0	0	0	1			0	0	0	17			
54	54	0	0	0	1			0	0	0	24			
57	57	0	0	0	1			0	0	0	16			
	Total	171086	312781	401653	410404	395885	366172	0	19	0	0		9550540	

Person Tabulations

Table 6-87 Number of walking trips that would have been collected under 2016 parameters (new derived field in 2022)

Variable: n_walk_trip2016 (number of walking trips that would have been collected under 2016 TTS parameters)														
Code	Description	No of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
0	0						347251						8980918	94.0%
1	1						6576						178199	1.9%
2	2						10062						321873	3.4%
3	3						929						24937	0.3%
4	4						1136						37905	0.4%
5	5						118						3651	0.0%
6	6						69						2077	0.0%
7	7						18						597	0.0%
8	8						11						284	0.0%
9	9						2						100	0.0%
	Total						366172						9550540	

6.3 Trip Tabulations

The following tabulations are “number of trips” stratified by various categories in the database. The “Number of Records” figures present the actual number of survey records in the Trip file while the “Expanded Frequency” figures are the expanded results representing the universe. Trips are collected for persons aged 6 and over in 1986 and for persons aged 11 and over from 1991 to 2016. In 2022, trips were collected from those household members 5 years old and over.

From 1986 to 2016, trips were collected for all trips made by motorized means, but only for walking trips that were either to or from work or school or if they connected other eligible trips (in other words, a ‘round trip’ journey made entirely via walking would not be captured as a trip in these surveys). In 2022, the TTS included walking trips for non work/school purposes (while continuing to exclude recreational walk trips).

To facilitate longitudinal comparisons, 2022 results are presented two ways: filtered to 2016-equivalent trips, i.e., excluding trips made by persons 6-10 and non-commute walking trips (‘2016 equiv.’ column) and for all trips captured in 2022 (‘all trips’ column).

Trip Tabulations

Table 6-88 Start time of trips

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)																
Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
400	400	129	617	942	978	804	754	758	3077	12648	18273	20654	19105	22451	22638	0.1%
405	405		44	6	28	67	62	63		874	121	553	1622	1796	1928	0.0%
410	410	1	32	24	40	70	58	59	22	626	431	867	1616	1877	1882	0.0%
415	415	12	54	102	126	143	137	138	279	1071	1979	2630	3434	3328	3364	0.0%
420	420	5	11	38	49	74	79	80	132	213	705	1064	1960	2514	2552	0.0%
425	425	2	4	9	18	52	34	34	40	86	156	380	1351	988	988	0.0%
430	430	157	468	938	903	748	531	532	3860	9478	17976	19324	19088	16064	16070	0.1%
435	435	2	3	24	23	57	38	38	44	59	474	515	1223	1109	1109	0.0%
440	440	3	6	50	55	84	72	72	67	128	946	1274	2205	2429	2429	0.0%
445	445	42	146	271	290	309	201	201	1011	2912	5207	6028	7607	5562	5562	0.0%

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) 2022 (all trips)	2022 (all trips) 2022 (all trips)	2022 (all trips) 2022 (all trips)
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)			
450	450	18	29	78	91	115	81	83	462	577	1550	1974	2803	1999	2056	0.0%		
455	455	2	13	30	22	56	45	45	55	276	538	478	1451	1525	1525	0.0%		
500	500	504	1430	2536	2585	2054	1505	1518	12194	28890	48738	56341	51413	44825	45188	0.3%		
505	505	3	23	37	56	165	165	167	81	461	721	1181	3680	4166	4312	0.0%		
510	510	16	62	127	165	251	237	239	385	1228	2448	3436	6365	6421	6529	0.0%		
515	515	96	265	527	615	617	486	495	2292	5290	10115	13081	14557	15375	15648	0.1%		
520	520	49	106	272	310	423	322	322	1140	2149	5312	6607	9675	8840	8840	0.1%		
525	525	9	22	81	119	240	169	169	216	447	1579	2408	5638	5210	5210	0.0%		
530	530	1013	2582	4132	3762	2934	1978	1996	24351	52081	80168	81432	70193	58288	58950	0.3%		
535	535	31	35	107	127	224	172	174	743	712	2082	2711	5033	5093	5136	0.0%		
540	540	77	130	301	347	440	303	307	1880	2638	5857	7423	10710	8008	8072	0.0%		
545	545	391	859	1420	1397	1296	818	829	9388	17324	27504	30282	30049	23382	23587	0.1%		
550	550	154	250	486	520	524	351	356	3675	4987	9347	11119	12284	10783	10846	0.1%		
555	555	54	80	168	163	237	143	147	1343	1624	3228	3533	5366	4307	4423	0.0%		
600	600	3082	6425	8774	8418	6174	4110	4154	74201	129663	169442	184139	147184	121014	122502	0.7%		
605	605	68	106	228	222	643	458	464	1610	2125	4369	4680	15020	13086	13381	0.1%		
610	610	282	405	665	622	986	690	694	6771	8216	12838	13488	23070	18341	18415	0.1%		
615	615	956	1502	2259	2009	2110	1356	1387	22758	30280	43689	43055	48258	39472	40879	0.2%		
620	620	435	600	1080	949	1270	863	870	10291	12123	20971	20293	29114	23931	24078	0.1%		
625	625	122	149	267	356	769	415	422	2977	2969	5205	7669	18360	11882	12059	0.1%		
630	630	5232	8563	11530	9764	7571	4610	4664	124649	172767	222508	212252	175855	126190	127413	0.7%		
635	635	93	135	338	338	788	413	417	2221	2844	6570	7198	17046	12646	12757	0.1%		
640	640	554	581	1027	978	1321	848	860	13167	11648	19799	21093	30774	23020	23500	0.1%		
645	645	2072	2923	3814	3492	3439	2042	2078	49430	58821	73286	75559	79746	55970	57432	0.3%		
650	650	675	828	1311	1260	1566	861	887	16038	16473	25088	27489	34177	24524	25231	0.1%		
655	655	223	219	470	490	693	372	386	5320	4386	9062	10346	16061	9687	10091	0.1%		
700	700	8592	15322	18886	17775	13515	8864	9120	203888	308638	362955	395288	314170	247881	255447	1.4%		

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 %
705	705	262	247	560	660	1784	1148	1201	6203	5011	10762	14360	40619	30825	33296	0.2%
710	710	858	987	1664	1706	2586	1607	1673	20212	19859	32092	37314	59457	43265	45997	0.3%
715	715	2594	3596	5191	4785	5441	3482	3625	61079	71990	99642	104911	123939	93880	99011	0.5%
720	720	974	1313	2334	2380	3295	2143	2252	23098	26463	44745	52590	75350	60193	64003	0.4%
725	725	294	351	801	996	1908	1117	1186	6983	7043	15373	21754	44131	30058	32014	0.2%
730	730	10231	17353	22169	19854	16479	10675	11296	242712	349266	425607	442476	384917	297766	319442	1.7%
735	735	281	473	1005	1212	2087	1290	1407	6645	9450	19371	26511	49925	38299	41833	0.2%
740	740	966	1508	2604	2689	3641	2556	2813	22768	29965	50083	59310	83496	77883	86315	0.5%
745	745	3922	6442	8960	8469	8004	5309	5804	92704	128798	171962	186248	187222	147961	164289	0.9%
750	750	1271	2045	3700	3501	4089	2633	2961	30054	40946	70709	76110	96163	78353	90729	0.5%
755	755	428	719	1370	1367	1848	1163	1313	9986	14417	26348	29652	41950	33630	39300	0.2%
800	800	14391	29563	34761	32284	24025	18444	20685	340832	591965	666008	718524	575711	527845	609013	3.1%
805	805	444	762	1744	1983	3789	2992	3536	10573	15078	33053	42943	87808	86471	106626	0.5%
810	810	1387	2344	3925	3940	5297	4173	4908	32843	47090	75109	85742	124938	124112	150825	0.7%
815	815	4157	6864	9375	8739	8956	6943	8231	98315	137391	179765	189511	210476	200501	246290	1.2%
820	820	1489	2647	4391	4721	5282	4350	5257	35174	52900	83976	104182	126750	132482	166703	0.8%
825	825	454	817	1619	1933	2899	2305	2906	10822	16283	30862	42268	70732	71960	95761	0.4%
830	830	12506	21250	25807	22835	18274	13711	16345	296257	424547	493378	500441	424209	381631	473723	2.2%
835	835	329	824	1757	1938	2614	2106	2624	7744	16310	33635	42339	63164	63093	80569	0.4%
840	840	1057	1793	2962	3299	3888	3231	4107	24855	35698	57043	72049	92818	94437	128539	0.5%
845	845	2847	4960	6903	6979	6851	5534	6853	67328	98970	131983	149320	157946	153990	200249	0.9%
850	850	780	1291	2308	2489	2809	2312	2917	18404	25629	44074	53530	63875	69544	92723	0.4%
855	855	270	446	979	1011	1259	1094	1382	6356	8816	18599	21877	28856	32603	42669	0.2%
900	900	6431	14499	18410	19679	15392	14053	15691	152181	290348	351814	412137	339291	371805	425975	2.2%
905	905	138	275	610	845	1950	1910	2161	3253	5478	11719	17737	43151	49157	57834	0.3%
910	910	296	543	869	1189	2049	2186	2361	6995	10911	16493	24709	43559	54431	60137	0.3%
915	915	856	1632	2541	2778	3769	3829	4112	20085	32492	48246	54792	78943	89646	97754	0.5%

Code		Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
920	920	188	390	728	958	1533	1739	1873	4543	7742	13758	18728	33086	42570	46186	0.2%
925	925	60	93	207	301	716	803	858	1387	1857	3934	6285	15456	18958	20088	0.1%
930	930	3419	6947	10253	10585	9326	7960	8494	80666	139167	194490	204232	185953	171060	183819	1.0%
935	935	43	121	256	390	674	689	733	1046	2388	4810	7223	13892	15158	16002	0.1%
940	940	128	269	555	685	1066	1133	1213	3036	5408	10592	13030	22427	24020	25855	0.1%
945	945	691	1383	2251	2438	2585	2605	2758	16284	27535	42753	45164	51331	53508	57129	0.3%
950	950	135	249	564	687	888	964	1023	3188	4950	10713	13224	18444	21934	23683	0.1%
955	955	38	69	189	263	426	453	489	877	1385	3616	4909	9139	10626	11430	0.1%
1000	1000	5634	13014	17723	19210	14638	13557	14538	132992	260738	337365	364120	281285	289346	311731	1.7%
1005	1005	60	102	314	529	1269	1500	1604	1428	2032	5957	9288	23895	28846	30606	0.2%
1010	1010	140	246	480	711	1401	1873	2008	3369	4865	9072	12853	27076	36434	39153	0.2%
1015	1015	602	1163	2066	2370	3249	3799	4062	14208	23181	38998	42560	58754	70594	76360	0.4%
1020	1020	182	305	652	941	1309	1760	1901	4270	6076	12550	17252	25334	34992	38138	0.2%
1025	1025	34	72	160	287	634	773	823	780	1446	2940	5418	12755	15915	16897	0.1%
1030	1030	3395	7015	10411	10972	9489	9035	9728	80175	140719	197395	199682	176074	174226	188476	1.0%
1035	1035	52	74	279	486	646	753	803	1191	1453	5275	8666	12738	15358	16802	0.1%
1040	1040	121	254	533	745	994	1235	1339	2858	5073	10095	13554	19453	25031	27041	0.1%
1045	1045	647	1247	2360	2618	2728	2833	3032	15070	25000	44766	46526	49438	54355	58033	0.3%
1050	1050	140	192	558	700	860	1000	1067	3322	3819	10600	12672	16867	20532	22198	0.1%
1055	1055	58	52	210	258	409	645	690	1401	1015	4002	4697	8379	14201	14980	0.1%
1100	1100	4962	11963	16368	18122	13914	13680	14876	117126	240002	311712	337178	260620	283563	310484	1.6%
1105	1105	63	112	378	755	1239	1779	1894	1457	2246	7270	13578	23622	33852	36310	0.2%
1110	1110	160	312	579	832	1575	1997	2138	3740	6259	11104	15344	28178	36871	40229	0.2%
1115	1115	703	1487	2408	2865	3461	4224	4527	16481	29755	45720	50959	60651	78950	84444	0.5%
1120	1120	226	530	881	1082	1453	1963	2122	5284	1						

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) equiv.)	2022 (all trips) equiv.)	2022 (all trips) equiv.)
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips) equiv.)	2022 (all trips) equiv.)		
1135	1135	112	246	432	623	786	932	1008	2616	4850	8186	12070	15247	19217	20862	0.1%		
1140	1140	201	434	776	996	1187	1374	1491	4753	8688	14582	18406	22296	26584	29138	0.2%		
1145	1145	1074	2118	3056	3492	3354	3260	3527	25307	42101	58206	63358	61089	64007	69527	0.4%		
1150	1150	243	431	748	972	1170	1241	1350	5739	8599	14256	17936	22009	22994	24961	0.1%		
1155	1155	99	173	312	498	555	650	712	2354	3435	5798	8971	10491	11941	13209	0.1%		
1200	1200	6175	14309	17508	17159	13642	13617	14890	146048	286518	333562	330953	265109	304995	334864	1.8%		
1205	1205	126	271	537	1073	1311	1737	1916	2941	5304	10232	19593	25679	34729	38524	0.2%		
1210	1210	219	421	732	898	1470	2011	2179	5171	8384	14010	16918	29288	39718	43398	0.2%		
1215	1215	766	1485	2386	2830	3268	3783	4156	18042	29504	45101	51806	61364	73070	81586	0.4%		
1220	1220	184	426	753	954	1400	1789	1969	4382	8532	14350	18124	27544	37641	41902	0.2%		
1225	1225	38	112	254	395	673	805	914	892	2220	4908	7484	13854	17333	19831	0.1%		
1230	1230	3319	7234	10330	10352	8642	8360	9157	78187	144824	196688	193855	163031	172865	192095	1.0%		
1235	1235	76	194	400	529	722	906	996	1774	3819	7612	10244	14621	17933	19813	0.1%		
1240	1240	193	366	631	840	1023	1237	1354	4557	7302	12016	16245	19783	24535	27395	0.1%		
1245	1245	926	1783	2625	2650	2622	2624	2875	21792	35445	50069	49275	49297	54453	59825	0.3%		
1250	1250	317	463	793	783	988	912	1007	7370	9228	15079	14738	19343	19363	21517	0.1%		
1255	1255	119	193	310	366	389	565	625	2776	3976	5959	7076	8213	12010	13351	0.1%		
1300	1300	6147	13724	16529	16675	13093	12824	14016	145338	275095	315046	317543	257830	279079	306627	1.6%		
1305	1305	85	177	323	661	1219	1598	1743	2012	3598	6210	12182	24452	32063	35312	0.2%		
1310	1310	221	359	616	771	1452	1941	2103	5157	7155	11665	14188	28684	38274	41992	0.2%		
1315	1315	721	1385	2203	2423	3001	3702	4006	16957	27689	42041	44993	56787	71534	77976	0.4%		
1320	1320	220	444	756	870	1385	1825	1990	5083	8826	1434							

Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1350	1350	145	281	534	697	924	1004	1089	3440	5635	10132	13332	18040	20943	22848	0.1%
1355	1355	31	77	190	250	390	535	577	707	1547	3674	4602	7751	11104	12071	0.1%
1400	1400	6004	14210	17768	18642	14413	14297	15518	141810	284646	340448	357132	284857	316669	344308	1.8%
1405	1405	58	103	315	761	1199	1654	1758	1362	2057	6087	14580	23912	35726	38067	0.2%
1410	1410	148	316	670	974	1754	2254	2415	3483	6299	12946	18377	35646	48969	52284	0.3%
1415	1415	667	1480	2546	3032	3653	4302	4613	15603	29538	48882	58314	73953	91727	98757	0.5%
1420	1420	210	470	985	1429	2017	2361	2545	5032	9417	18956	29029	43680	54783	58831	0.3%
1425	1425	54	101	374	511	1022	1171	1251	1237	2016	7161	10466	22723	30895	32742	0.2%
1430	1430	4118	10232	15496	16221	13120	12269	13216	97245	204687	296597	324410	275926	289989	315130	1.7%
1435	1435	52	233	749	1165	1364	1491	1670	1224	4618	14360	24270	32327	40092	46158	0.2%
1440	1440	178	580	1410	1845	2134	2175	2452	4204	11653	27096	38859	47209	57351	67019	0.3%
1445	1445	926	2455	4647	5206	4933	4654	5234	21883	49106	89438	105869	110874	116076	134323	0.7%
1450	1450	189	641	1613	1905	2074	1982	2342	4444	12858	30895	39405	47717	57610	70975	0.3%
1455	1455	51	240	667	780	907	975	1177	1188	4808	12898	16388	21697	25994	32792	0.2%
1500	1500	8815	22004	30098	29179	21553	19240	21875	209179	441734	577951	604023	483539	501247	591688	2.9%
1505	1505	145	568	1425	2337	2857	2794	3358	3450	11369	27457	49320	68688	76251	96160	0.4%
1510	1510	585	1457	2655	3160	3873	3438	4163	13898	29170	50603	66892	92213	95926	123505	0.6%
1515	1515	2319	5081	7409	7302	7228	6706	8028	54569	102110	141314	152752	165385	173472	221108	1.0%
1520	1520	840	1751	3180	3455	3665	3431	4277	19484	35146	60890	73150	85801	91304	122779	0.5%
1525	1525	228	517	1036	1244	1666	1537	1969	5427	10333	19826	26693	40240	43796	60277	0.3%
1530	1530	12895	23173	27824	23992	18688	15406	18155	305158	465319	532458	498725	415250	390017	486042	2.3%
1535	1535	322	686	1339	1753	1983	2009	2585	7572	13690	25605	36987	46581	56861	78402	0.3%
1540	1540	661	1211	2041	2277	2825	2579	3348	15567	24249	38941	47593	64938	68726	95813	0.4%

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 %
1605	1605	252	327	736	1603	2422	2310	2562	6030	6557	14027	32973	53458	59242	67318	0.3%
1610	1610	543	801	1324	1835	2892	2811	3158	12824	16210	25165	38207	63467	68689	78556	0.4%
1615	1615	2078	3138	4295	4609	5418	5412	6079	49191	62581	82014	94348	115900	132777	153009	0.8%
1620	1620	520	836	1398	1710	2491	2546	2846	12336	16697	26582	34964	53952	62529	72613	0.4%
1625	1625	119	177	422	594	1189	1136	1282	2760	3549	8038	12132	26172	26062	30124	0.2%
1630	1630	13397	19583	24687	22902	19751	15515	16844	317707	392744	473283	486765	437384	397029	435596	2.3%
1635	1635	258	438	812	1297	1882	1491	1683	6246	8756	15636	27264	43185	39510	45368	0.2%
1640	1640	480	584	1066	1411	2153	2116	2362	11546	11719	20310	29257	47731	53749	61520	0.3%
1645	1645	2348	3685	5021	5135	5661	4940	5542	55484	73351	95759	106405	122609	124273	142986	0.7%
1650	1650	465	692	1319	1550	1981	1809	2056	11118	13826	25141	32365	43527	44132	50972	0.3%
1655	1655	142	223	468	659	1018	897	1018	3379	4427	9037	13973	22590	22395	26005	0.1%
1700	1700	16626	30188	36832	33675	27729	21548	23475	394119	606555	706691	739952	627902	583410	637499	3.4%
1705	1705	302	424	895	1932	3047	2491	2751	7181	8559	17106	41549	69274	64472	71614	0.4%
1710	1710	630	1036	1616	2132	3749	3014	3367	14861	20714	31098	45136	84474	76891	87742	0.4%
1715	1715	2222	3596	5187	5391	6494	5681	6445	52575	72068	98895	114478	143221	141758	162956	0.8%
1720	1720	561	964	1682	1982	2941	2648	2999	13345	19186	32065	42742	66214	68745	78569	0.4%
1725	1725	137	230	472	695	1429	1197	1361	3185	4594	8991	14802	32955	31130	36188	0.2%
1730	1730	9490	17294	21088	19638	16550	12731	14242	224781	346438	402722	424098	366516	330054	374027	1.9%
1735	1735	173	342	568	1150	1630	1407	1584	4082	6866	10806	24627	36128	38988	44317	0.2%
1740	1740	341	630	1144	1413	2185	1868	2141	8020	12536	21832	30315	49454	49897	58141	0.3%
1745	1745	1749	3369	4664	4768	4991	4190	4816	41385	67335	89357	101198	107826	107944	126146	0.6%
1750	1750	537	664	1157	1467	1888	1479	1721	12835	13256	22020	31154	41229	37735	44927	0.2%
1755	1755	114	232	413	507	860	822	925	2644	4621	7901	10898	19107	22400	25340	0.1%
1800	1800	11677	22832	25808	23636	18828	14673	16440	276703	456994	494732	517490	429569	399436	449606	2.3%
1805	1805	222	281	568	1390	1944	1598	1791	5270	5653	10884	29755	44907	42335	47547	0.2%
1810	1810	448	782	1198	1559	2447	2016	2250	10510	15563	22983	32825	54341	51871	58430	0.3%
1815	1815	1632	3028	3943	4131	4721	4012	4498	38714	60256	75360	86714	103573	102155	116220	0.6%

		Number of Records						Expanded Frequency								
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1820	1820	434	769	1230	1493	2057	1905	2183	10178	15334	23319	31470	45771	49971	57823	0.3%
1825	1825	80	179	373	494	963	806	927	1885	3515	7104	10325	20713	21561	24997	0.1%
1830	1830	7472	13813	16281	14941	11559	8833	10016	177180	276154	310986	319333	256497	232624	265644	1.4%
1835	1835	143	281	486	859	1107	910	1021	3366	5579	9257	18055	24177	23534	26648	0.1%
1840	1840	390	563	899	1187	1572	1312	1474	9096	11230	17135	25107	35304	33518	38133	0.2%
1845	1845	1642	2968	3953	3938	3689	2906	3327	38645	59399	75602	81731	81990	74170	85764	0.4%
1850	1850	363	586	1037	1141	1330	1105	1250	8596	11571	19770	23721	29328	29132	33546	0.2%
1855	1855	108	208	393	394	652	522	592	2557	4124	7449	8094	14538	13354	15277	0.1%
1900	1900	9122	18297	19683	17423	12681	9803	11087	216071	366775	377486	377620	289736	269388	306674	1.6%
1905	1905	150	241	496	911	1302	1140	1307	3455	4873	9498	19424	29092	30528	35206	0.2%
1910	1910	372	607	939	1140	1688	1502	1682	8704	12011	17761	24054	36813	40668	46273	0.2%
1915	1915	1436	2387	3038	3010	3133	2775	3180	33868	47476	57957	63132	70342	71913	83378	0.4%
1920	1920	400	647	920	1125	1521	1244	1422	9494	12749	17577	23922	34100	33592	37996	0.2%
1925	1925	89	150	303	370	708	525	602	2037	2990	5778	8026	15676	14362	16570	0.1%
1930	1930	6206	10773	11889	10614	7765	6008	6879	146240	215652	227341	228870	172578	163972	189455	1.0%
1935	1935	105	229	415	613	812	676	786	2488	4549	7962	13200	18081	17722	20921	0.1%
1940	1940	270	397	634	827	1095	904	1073	6453	7912	12171	17655	24338	25125	29220	0.1%
1945	1945	1184	2144	2669	2821	2486	1954	2253	27781	42855	51108	59877	55382	52714	61726	0.3%
1950	1950	244	415	734	723	877	730	848	5748	8235	14118	15533	20711	20112	23685	0.1%
1955	1955	60	136	252	288	376	350	389	1421	2701	4899	6282	8209	9625	10473	0.1%
2000	2000	6670	12191	13587	12182	8719	6904	7792	157489	244554	260481	270327	203544	192068	216928	1.1%
2005	2005	107	233	409	648	905	772	887	2474	4583	7754	13904	20586	21237	24463	0.1%
2010	2010	249	460	752	868	1225	1043	1176	5863	9165	14254	18794	27057	28939	32954	0.2%
2015	2015	904	1688	2294	2287	2239	1894	2141	21533	33568	43768	49318	50964	50819	57404	0.3%
2020	2020	214	470													

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
2035	2035	105	187	325	477	637	454	498	2374	3845	6327	10370	14669	12543	13713	0.1%
2040	2040	193	342	590	684	800	638	712	4451	6709	11210	14724	17217	17717	19800	0.1%
2045	2045	884	1806	2043	2001	1983	1516	1647	20690	36187	39102	41524	45520	40663	44083	0.2%
2050	2050	217	314	528	594	673	512	565	5088	6208	10148	12533	15026	13529	15157	0.1%
2055	2055	66	123	204	246	301	235	256	1468	2431	3954	5163	7108	6934	7560	0.0%
2100	2100	6078	11452	11904	10143	6902	5025	5471	143939	229591	228720	225216	158332	138465	150919	0.8%
2105	2105	122	203	397	597	770	622	667	2834	4003	7593	12905	18787	17507	18929	0.1%
2110	2110	238	447	651	729	961	709	756	5634	9070	12479	15918	22025	19792	20992	0.1%
2115	2115	881	1570	1975	1876	1835	1452	1539	20550	31301	37670	39675	41442	36809	39021	0.2%
2120	2120	208	397	644	660	816	672	725	4895	7862	12370	13888	19385	17716	19083	0.1%
2125	2125	45	94	155	188	348	247	266	1047	1860	2989	3919	8754	7019	7417	0.0%
2130	2130	4218	7097	7665	6683	4675	3169	3380	99640	142280	146482	145290	106276	85656	92207	0.5%
2135	2135	78	139	247	350	476	335	347	1808	2769	4732	7394	11593	8683	9014	0.1%
2140	2140	182	279	455	487	628	444	477	4287	5507	8647	10104	15356	11406	12290	0.1%
2145	2145	700	1212	1684	1403	1341	949	1015	16590	24107	32356	29169	30336	25874	27842	0.2%
2150	2150	157	175	391	413	439	306	330	3689	3496	7466	8815	9901	8416	9009	0.0%
2155	2155	30	58	131	120	179	148	156	707	1161	2553	2406	4315	4636	4867	0.0%
2200	2200	4212	7839	8483	6834	4702	3369	3612	100123	157357	163012	152890	112409	91826	98730	0.5%
2205	2205	62	108	246	319	520	345	366	1443	2115	4668	6783	12623	8992	9502	0.1%
2210	2210	176	215	369	397	608	400	419	4167	4334	7020	8677	14537	10821	11615	0.1%
2215	2215	424	859	1174	1108	1121	789	835	10086	17254	22413	23426	25376	21084	22267	0.1%
2220	2220	119	186	356	355	513	368	387	2788	3714	6724	7561	12180	9601	10336	0.1%
2225	2225	29	38	103	130	205	163	173	713	753	1958	2760	5032	5065	5295	0.0%
2230	2230	2373	4550	4839	3793	2775	1981	2124	56228	91748	92806	83984	64130	51701	55170	0.3%
2235	2235	38	61	140	219	274	222	230	883	1228	2661	4557	6585	5789	5970	0.0%
2240	2240	79	118	242	245	302	253	268	1842	2355	4634	5318	6816	7094	7605	0.0%
2245	2245	416	657	927	733	694	525	550	9929	13126	17839	15598	16385	12866	13624	0.1%

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016					
2250	2250	79	113	197	191	245	153	162	1863	2269	3794	4129	5958	4749	4919	0.0%		
2255	2255	18	33	89	108	105	109	113	433	660	1705	2285	2203	3291	3413	0.0%		
2300	2300	3377	5722	5933	4661	2990	1991	2093	80214	114949	114447	105266	72784	58292	61297	0.3%		
2305	2305	27	57	180	246	332	260	267	632	1158	3514	5222	8025	7622	7840	0.0%		
2310	2310	92	144	241	254	325	242	249	2142	2838	4708	5442	8133	6192	6316	0.0%		
2315	2315	370	540	615	554	583	401	419	8750	10619	11810	12209	13766	11238	11821	0.1%		
2320	2320	81	137	203	192	262	185	193	1913	2680	3882	4096	7153	5577	5924	0.0%		
2325	2325	10	32	54	84	130	110	117	264	615	1031	1916	2996	3909	4102	0.0%		
2330	2330	1779	3076	2968	2326	1515	1071	1108	42194	61861	56956	52751	36200	29820	30835	0.2%		
2335	2335	24	56	58	118	159	124	130	585	1122	1138	2601	3939	3586	3812	0.0%		
2340	2340	54	84	132	139	173	124	129	1254	1670	2541	3000	4265	3731	3922	0.0%		
2345	2345	258	472	531	440	351	261	268	6023	9379	10170	9421	8400	7080	7358	0.0%		
2350	2350	45	120	137	130	123	105	112	1084	2417	2613	2887	2564	2977	3100	0.0%		
2355	2355	12	161	101	149	111	70	78	275	3257	1981	3423	2810	1906	2164	0.0%		
2400	2400	2278	3209	3082	2303	1373	947	989	54296	64393	59504	53748	33884	29443	30663	0.2%		
2405	2405	19	42	70	78	151	92	96	433	836	1375	1787	3883	2671	2860	0.0%		
2410	2410	40	52	90	97	144	90	95	942	1040	1692	2064	3946	2524	2646	0.0%		
2415	2415	133	215	235	204	236	166	172	3110	4283	4566	4666	5892	4531	4990	0.0%		
2420	2420	34	56	73	75	116	53	56	792	1114	1374	1867	2831	1402	1510	0.0%		
2425	2425	9	20	14	15	40	30	31	229	389	279	321	1188	833	847	0.0%		
2430	2430	799	1191	1122	788	527	318	331	19114	24018	21813	18839	13561	9308	9693	0.1%		
2435	2435	6	12	14	27	31	30	31	138	248	266	637	810	1047	1092	0.0%		
2440	2440	20	19	46	35	45	36	36	475	392	895	752	1060	1068	1068	0.0%		
2445	2445	93	130	119	137	98	65	68	2221	2576	2301	3116	2323	1568	1640	0.0%		
2450	2450	16	16	29	30	28	20	22	395	319	555	718	625	624	641	0.0%		
2455	2455	5	6	10	9	20	21	22	124	130	217	246	346	802	830	0.0%		
2500	2500	973	1433	1261	875	621	412	424	23195	28800	24290	21363	16236	12333	12726	0.1%		

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 %
2505	2505	4	8	23	20	62	47	50	92	167	447	430	1731	1571	1642	0.0%
2510	2510	19	20	30	27	52	35	36	444	413	577	612	1452	891	895	0.0%
2515	2515	54	64	96	72	83	48	49	1313	1267	1826	1623	2021	1056	1144	0.0%
2520	2520	17	42	29	27	55	36	36	413	858	574	582	1360	1247	1247	0.0%
2525	2525	2	3	10	18	23	15	16	56	53	199	409	528	295	324	0.0%
2530	2530	425	686	539	403	246	176	183	10262	13609	10353	9936	5625	5303	5668	0.0%
2535	2535	2	5	10	11	16	16	18	56	108	197	244	420	428	459	0.0%
2540	2540	12	6	9	15	18	13	13	275	130	178	357	334	255	255	0.0%
2545	2545	47	66	64	57	40	36	37	1170	1333	1262	1359	1140	1270	1272	0.0%
2550	2550	7	16	16	10	13	16	16	176	321	309	185	265	359	359	0.0%
2555	2555	2	2	5	9	8	2	2	48	42	98	252	211	36	36	0.0%
2600	2600	511	1116	865	669	439	284	298	12220	22269	16815	16475	11157	9073	9412	0.1%
2605	2605	3	6	7	10	27	23	23	69	118	142	240	726	605	605	0.0%
2610	2610	6	10	19	7	25	11	11	145	181	390	179	910	193	193	0.0%
2615	2615	25	43	56	43	59	36	38	625	870	1099	1052	1295	1012	1065	0.0%
2620	2620	10	6	15	20	33	22	23	239	124	302	425	847	717	739	0.0%
2625	2625	2	2	4	5	10	6	6	53	44	84	138	180	234	234	0.0%
2630	2630	208	417	376	270	171	116	124	5026	8351	7249	6689	4697	3669	3901	0.0%
2635	2635	1	4	11	8	19	8	8	29	83	230	166	489	258	258	0.0%
2640	2640	2	1	5	17	13	8	9	50	23	106	383	375	300	340	0.0%
2645	2645	15	23	33	32	33	15	17	354	465	647	690	776	321	424	0.0%
2650	2650	5	3	8	10	10	11	11	112	61	162	234	211	164	164	0.0%
2655	2655		1	4	6	4	5	5		19	80	132	103	229	229	0.0%
2700	2700	226	651	515	409	224	432	445	5474	13050	10084	9881	5642	13739	14255	0.1%
2705	2705		4	5	8	16	9	9		79	92	144	460	252	252	0.0%
2710	2710	2	3	10	9	15	10	10	50	58	217	203	328	182	182	0.0%
2715	2715	11	27	21	36	24	11	12	269	552	412	795	575	264	296	0.0%

Trip Tabulations

Variable: start_time (start time of trip; trips are recorded for a 24-hour period starting at 4:00a.m. grouped in 5 minute increments)

Code	Description	Number of Records						Expanded Frequency								2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
2720	2720	3	5	8	9	12	18	18	64	98	154	180	321	591	591	0.0%
2725	2725		1	1	3	6	3	3		22	19	70	102	155	155	0.0%
2730	2730	65	263	280	211	126	57	58	1544	5238	5385	4721	3159	1665	1692	0.0%
2735	2735	2		6	4	7	2	2	46		110	80	234	64	64	0.0%
2740	2740	2	2	9	12	10	4	5	53	42	179	276	303	94	100	0.0%
2745	2745	8	36	56	48	26	10	10	193	731	1076	1122	547	350	350	0.0%
2750	2750	4	6	21	25	11	7	7	92	121	406	554	233	313	313	0.0%
2755	2755	1	387	103	85	89	107	107	23	7814	2024	1986	1960	3783	3783	0.0%
2800	2800	125							3103							
9999	Unknown	20662							486405							
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Trip Tabulations

Table 6-89 Primary mode of trips

Variable: mode_prime (primary mode of trip)		Number of Records							Expanded Frequency							
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
9	Unknown	162	131	7	23				3812	2726	118	472				
B	Transit excluding GO rail	53996	65601	79089	76937	77480	45756	46104	1300961	1328295	1535657	1807149	1943295	1369187	1382019	8.0%
C	Cycle	1732	4775	5134	6958	10568	12429	12934	41061	93759	97323	152545	238926	295107	311514	1.7%
E	E-scooter or other electric mobility device						576	589						16517	17176	0.1%
D	Auto driver	210693	421946	562493	566398	521540	466318	466318	4961693	8449739	10732992	11534161	11160397	11334449	11334449	66.0%
G	GO rail only	1668	3180	5576	6826	9893	4849	4852	39571	62854	107654	158358	146526	56591	56637	0.3%
J	Joint GO rail and public transit	951	1514	2579	2940	4064	4302	4305	22503	29989	50137	70592	66174	56346	56388	0.3%
M	Motorcycle	346	237	262	498	867	659	659	8326	4807	4956	10061	19082	14746	14746	0.1%
O	Other	143	987	1019	1058	759	576	625	3458	19958	19668	19006	16511	14806	17119	0.1%
P	Auto passenger	57336	107363	140759	140786	107938	99794	119041	1350696	2151022	2695973	2908490	2318192	2480479	3212583	14.4%
S	Schoolbus	10396	12142	18358	15406	13052	8754	14926	248190	248260	344452	346190	356075	331633	590592	1.9%
T	Taxi passenger	1593	2767	3661	3297	3088	1527	1560	38854	55606	71142	66467	62306	37775	38876	0.2%
W	Walk	31232	37328	45411	37721	46993	35267	84617	741815	738473	881668	850836	1150262	1086438	2346805	6.2%
U	Paid rideshare (Uber, Lyft, DriverHer, other paid rideshare app)					1851	3168	3206					44983	89788	91588	0.5%
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Trip Tabulations

Table 6-90 Origin and destination purpose of trips

Variable: trip_purp (origin and destination purpose of trip)																
Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1	Home-Based Work	130407	214833	265494	245501	255037	178225	178225	3100598	4313302	5106020	5437830	5927609	4950008	4950008	28.7%
2	Home-based School	61827	82291	99805	85532	69637	48227	73918	1461509	1643494	1918697	2081220	1949124	1711621	2703354	10.0%
3	Home-based Discretionary	127285	259853	355946	380916	347760	351008	393884	3001275	5205280	6791119	7437436	7010437	8006819	9101815	46.6%
4	Non Home-based	50729	100994	143103	146899	125659	106515	113709	1197556	2023413	2725903	2967840	2635559	2515413	2715317	14.7%
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Table 6-91 Origin purpose of trips (old variable)

Variable: purp_orig (origin purpose of trip)																
Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
9	Unknown	3947	22	14	33	308			94587	433	268	589	6515			
D	Daycare		3424	4266	6093	9287	7000	8197		68355	81921	147822	214835	225563	260226	1.3%
E	Entertainment	25715							606112							
F	Facilitate a passenger	15413	34868	58703	62696	49600	42476	43932	362392	695391	1124386	1319944	1137036	1238014	1285550	7.2%
H	Home	161273	279418	361251	356375	336676	289164	323482	3817745	5599853	6920000	7491729	7457148	7356289	8400992	42.8%
M	Market/Shop	26682	55494	78908	90077	81621	123031	135959	627041	1111621	1503528	1676958	1536934	2546106	2856548	14.8%

Trip Tabulations

Variable: purp_orig (origin purpose of trip)

Code	Description	Number of Records						Expanded Frequency								2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
O	Other	737	99842	130429	133771	120184	86990	98346	17243	2003259	2479247	2573144	2354379	1865319	2166403	10.9%
P	Personal	23892							565822							
S	School	32832	45041	55007	47090	38120	26106	40135	776229	899468	1057375	1146334	1068978	923124	1460578	5.4%
W	Work	79757	139862	175770	162713	162297	109208	109685	1893768	2807108	3375014	3567805	3746904	3029447	3040196	17.6%
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Table 6-92 Origin purpose of trips (new variable)

Variable: purp_orig2022 (origin purpose of trip)

Code	Description	No of Records						Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022		
10	Travel to Work (usual place of work)						83984						2344402		12.0%
11	Work-related trips to attend meetings,...						19399						508842		2.6%
12	Working on the road / itinerant..						6302						186952		1.0%
20	Attend school						40135						1460578		7.5%
30	Daycare pickup/dropoff						8197						260226		1.3%
40	Pick up a package or online purchase						3835						79893		0.4%

Trip Tabulations

Variable: purp_orig2022 (origin purpose of trip)

Code	Description	No of Records					Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
41	Shopping (groceries, mall, gas station, etc.)						88953						1848896	9.5%
42	Services (bank, haircut, mechanic, etc.)						17749						356051	1.8%
43	Health and personal care						25431						520845	2.7%
44	Restaurant, bar, or coffee (including takeout)						25422						571709	2.9%
45	Visiting friends, family						22998						497606	2.6%
46	Recreation, sports, leisure, arts						41005						941853	4.8%
47	Worship or religious activity						3295						82388	0.4%
51	Pick up a passenger						18878						549058	2.8%
52	Drop off a passenger						25054						736493	3.8%
77	Other, specify						5029						112680	0.6%
80	Return Home						323482						8400992	43.1%
777	Voting in the municipal election						588						11031	0.1%
	Total						759736						19470493	

Trip Tabulations

Table 6-93 Destination purpose of trips (old variable)

Variable: purp_dest (destination purpose of trip)																
		Number of Records							Expanded Frequency							
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
9	Unknown	40	23	14	35	337			957	453	268	630	7368			
C	Subsequent school	940	1581	1994	1410	747	683	1109	22133	30927	38463	34184	21667	22010	35121	0.1%
D	Daycare		3438	4273	6097	9311	7010	8207		68634	82056	147919	215233	225790	260448	1.3%
E	Entertainment	27242							642585							
F	Facilitate a passenger	15743	34984	58791	62793	49818	42587	44063	370093	697755	1126063	1322166	1141559	1240641	1288663	7.2%
H	Home	159264	277559	359995	355666	335786	288278	322523	3769965	5562223	6895855	7466412	7430571	7311660	8353616	42.5%
M	Market/Shop	27290	55574	78966	90162	81858	123487	136432	641392	1113198	1504689	1678522	1541481	2557612	2868578	14.9%
O	Other	777	100346	130964	133574	118406	85913	97293	18165	2013566	2489453	2577520	2316638	1850148	2152164	10.8%
P	Personal	24734							585942							
R	Subsequent work	9360	21042	25687	22909	18314	11422	11899	220509	422040	489108	469906	407811	306118	316867	1.8%
S	School	32266	43490	53035	45711	37501	25600	39215	763050	869146	1019351	1112992	1050560	908220	1433374	5.3%
W	Work	72592	119934	150629	140491	146015	98995	98995	1726148	2407547	2896434	3114077	3389841	2761662	2761662	16.0%
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Trip Tabulations

Table 6-94 Destination purpose of trips (new variable)

Variable: purp_dest2022 (destination purpose of trip)													
Code	Description	No of Records					Expanded Frequency						
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022 % of Total
10	Travel to Work (usual place of work)						84638					2367208	12.2%
11	Work-related trips to attend meetings,...						19853					521467	2.7%
12	Working on the road / itinerant..						6403					189855	1.0%
20	Attend school						40324					1468495	7.5%
30	Daycare pickup/dropoff						8207					260448	1.3%
40	Pick up a package or online purchase						3844					80128	0.4%
41	Shopping (groceries, mall, gas station, etc.)						89161					1854088	9.5%
42	Services (bank, haircut, mechanic, etc.)						17946					361272	1.9%
43	Health and personal care						25579					524152	2.7%
44	Restaurant, bar, or coffee (including takeout)						25481					573090	2.9%

Trip Tabulations

Variable: purp_dest2022 (destination purpose of trip)

Code	Description	Number of Records					Expanded Frequency					2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	1986	1996	2006	2011	2016		
45	Visiting friends, family						23009					500651	2.6%	
46	Recreation, sports, leisure, arts						42219					971140	5.0%	
47	Worship or religious activity						3318					82772	0.4%	
51	Pick up a passenger						18920					549980	2.8%	
52	Drop off a passenger						25143					738683	3.8%	
77	Other, specify						2580					62418	0.3%	
80	Return Home						322523					8353616	42.9%	
777	Voting in the municipal election						588					11031	0.1%	
	Total						759736					19470493		

Table 6-95 First work-related trip flag (new derived field in 2022)

Variable: firstwork (flags whether the given trip was the first work or work-related trip of the day)

Code	Description	No of Records					Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
0	Not applicable						660741						16708831	85.8%
1	First work or work-related trip						98995						2761662	14.2%
	Total						759736						19470493	

Trip Tabulations

Table 6-96 First trips of the day that were school-related (new derived field in 2022)

Variable: firstsch (flags whether the given trip was the first trip to school of the day)														
Code	Description	No of Records					Expanded Frequency							
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	2022 % of Total
0	Not applicable						720521						18037119	92.6%
1	First school trip						39215						1433374	7.4%
	Total						759736						19470493	

Table 6-97 Regional municipality of trip origin

Variable: region_orig (regional municipality of trip origin)																
Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1	Toronto	192085	237839	272586	262586	260959	202351	238068	4547163	4808453	5170724	5597066	5526007	4793506	5669062	27.9%
2	Durham	27323	43116	54732	57342	54252	47444	51443	665740	873952	1110376	1213901	1144012	1220757	1362254	7.1%
3	York	31250	60142	92577	101240	98166	83607	90773	723750	1187489	1789702	2125215	2067066	2074816	2305558	12.1%
4	Peel	49602	81024	117017	120283	115109	87426	94695	1199184	1637419	2309456	2629615	2472963	2324723	2596795	13.5%
5	Halton	26874	36000	55395	50623	49944	44574	48588	616305	727622	960936	1086707	1109625	1147279	1287864	6.7%
6	Hamilton	39207	45606	52780	50909	30195	41073	45371	915423	934022	1009713	1053026	1047294	1057830	1198181	6.2%
11	Niagara		44859	52502	46568	40793	34425	36502		869620	997425	941816	908014	908199	994703	5.3%
12	Waterloo		48849	55092	58561	50256	45858	50185		969676	1113896	1116798	1133505	1129769	1270402	6.6%
13	Guelph		12737	15369	15125	13825	12883	14071		228669	284589	296334	307444	310808	345712	1.8%
14	Wellington		3277	4944	6359	4942	4543	4912		71569	89226	95851	99907	110973	123349	0.6%
15	Orangeville		2443	4081	3645	3031	2610	2831		44672	64873	67608	62194	61352	69002	0.4%
16	Barrie		9761	14743	14656	15202	12317	13215		179743	312865	317638	319182	308219	338570	1.8%
17	Simcoe		8245	25606	26112	22174	20126	21626		166939	468204	495303	494445	554527	620608	3.2%
18	Kawartha Lakes		5824	7623	6528	5644	3097	3299		121536	131974	128710	121205	126024	137390	0.7%

Trip Tabulations

Variable: region_orig (regional municipality of trip origin)

Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
19	Peterborough City		10242	11553	10456	8776	8080	8699		197614	206798	209911	194766	192831	212775	1.1%
20	Peterborough		2259	3623	3712	2934	2715	2846		58769	66788	65526	61019	68892	74900	0.4%
21	Orillia			4383	4936	3732	3216	3398			83892	88770	79775	81756	88423	0.5%
22	Dufferin			2882	1870	1933	1896	2042			36337	40903	40165	48110	53834	0.3%
23	Brantford			10579	9926	8970	7831	8355			213109	205702	187935	199094	218438	1.2%
24	Brant			2794	2840	3154	2402	2567			55643	62439	60580	64862	71644	0.4%
25	Northumberland						5734	6070						146401	160314	0.9%
26	Blue Mountains						606	658						16808	17875	0.1%
27	Grey						5271	5587						148593	163121	0.9%
98	External	2099	5748	3487	4571	4052	3890	3935	49585	107725	65215	85488	84499	87733	89719	0.5%
99	Unknown	1808				50			43788				1125			
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Table 6-98 Planning district of trip origin

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1	PD 1 of Toronto	29305	39504	44423	45762	58076	39866	48857	715424	789995	858616	1016801	1176220	884869	1085321	5.1%
2	PD 2 of Toronto	10733	15324	16456	15546	16076	15747	20865	276850	306375	314989	327810	350682	317234	421792	1.8%
3	PD 3 of Toronto	14582	17374	20188	19280	16768	14344	16961	360009	360300	378160	400722	371750	346189	406215	2.0%
4	PD 4 of Toronto	16789	20556	25172	24477	22417	18817	22752	390710	411372	460119	487641	474974	415168	508294	2.4%
5	PD 5 of Toronto	9263	11173	12729	12760	11735	8780	9639	219964	227808	245685	269882	247619	217772	246864	1.3%
6	PD 6 of Toronto	12320	15781	17285	16377	16171	15430	20213	304340	317138	325952	333952	329290	317185	412212	1.8%

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
7	PD 7 of Toronto	3755	4300	5104	5372	5820	5096	5907	94718	91889	103384	107278	116285	116663	136611	0.7%
8	PD 8 of Toronto	15808	18590	20297	20744	19242	15840	17405	363001	379539	384299	413509	391055	367377	413607	2.1%
9	PD 9 of Toronto	7740	9410	10809	9818	8566	5582	6029	189116	194783	205347	218513	197073	161401	177988	0.9%
10	PD 10 of Toronto	12215	14673	16017	15676	13203	8762	9353	296756	310748	309125	341550	304888	279076	305688	1.6%
11	PD 11 of Toronto	12096	14750	19121	18108	17922	13088	15020	263619	299879	359736	373008	370118	313979	362611	1.8%
12	PD 12 of Toronto	7039	8048	8369	7478	7657	5540	6173	156147	156829	156837	160263	157283	135345	155809	0.8%
13	PD 13 of Toronto	17917	20047	22496	21547	18978	14088	15405	405222	405574	431569	472050	429449	366752	409498	2.1%
14	PD 14 of Toronto	3859	4354	5523	5137	4812	3838	4300	90482	87670	99674	106687	98724	90140	103241	0.5%
15	PD 15 of Toronto	4674	5991	6824	6476	6115	4840	5330	117342	117120	132356	152502	136794	126309	141457	0.7%
16	PD 16 of Toronto	13990	17964	21773	18028	17401	12693	13859	303464	351435	404875	414898	373804	338046	381852	2.0%
17	Brock	578	944	1233	1162	876	656	711	15568	17682	18755	18723	18487	20055	22539	0.1%
18	Uxbridge	732	1082	2123	2076	2056	1546	1643	20350	26365	34562	40617	40729	39908	44244	0.2%
19	Scugog	1096	1418	2406	2399	2076	1689	1803	26775	32753	40184	44190	37931	40570	44996	0.2%
20	Pickering	4193	7752	8577	9042	7732	6865	7554	94448	148395	183071	193100	165034	169811	190482	1.0%
21	Ajax	3166	5887	7898	9120	8912	7534	8226	72857	116351	169982	203313	194562	200372	226558	1.2%
22	Whitby	4054	7395	10809	11341	11042	10137	11064	95064	146993	219619	242393	234476	259411	290310	1.5%
23	Oshawa	11177	14151	15057	15449	14816	12354	13281	281370	292607	315304	328934	309782	321401	355834	1.9%
24	Clarington	2327	4487	6629	6753	6742	6663	7161	59307	92806	128900	142631	143010	169227	187291	1.0%
25	Georgina	1449	2274	3416	3487	3174	2657	2854	40277	47156	63157	68207	66529	67862	76106	0.4%
26	East Gwillimbury	848	1381	1896	1970	2073	2177	2327	19266	25232	33408	43906	43143	61123	66481	0.4%
27	Newmarket	3728	6785	10013	9505	8229	6779	7305	79070	134954	190738	189236	179250	177461	195356	1.0%

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records							Expanded Frequency							2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016					
28	Aurora	1799	3455	5315	5646	5257	4596	5043	40599	67669	96877	119882	113729	116274	129765	0.7%		
29	Richmond Hill	3991	9487	15140	16602	16352	13603	14845	91058	188637	301898	355608	338772	326696	363961	1.9%		
30	Whitchurch-Stouffville	1288	1483	2412	3229	2840	3129	3367	26866	34787	44746	67388	67404	78858	89265	0.5%		
31	Markham	10874	19800	27823	29833	29825	25341	27550	254057	378658	536040	628950	608018	585577	652544	3.4%		
32	King	935	1294	1820	1775	1858	1676	1801	24357	29893	34162	41314	42593	46917	51952	0.3%		
33	Vaughan	6338	14183	24742	29193	28558	23649	25681	148200	280503	488674	610725	607627	614048	680129	3.6%		
34	Caledon	1814	2808	5761	5212	5230	4691	5035	49083	63584	96752	106173	106510	122519	137561	0.7%		
35	Brampton	15638	23514	36732	39674	40743	29476	32145	368781	482148	748956	911555	878928	877820	991590	5.1%		
36	Mississauga	32150	54702	74524	75417	69136	53259	57515	781320	1091687	1463747	1612338	1487525	1324384	1467645	7.7%		
37	Halton Hills	3569	3511	5777	5322	5449	4596	4893	69228	74618	101370	108371	115750	119537	132479	0.7%		
38	Milton	2968	3370	5957	6950	8774	8047	8936	65970	68422	102748	154778	178570	220192	254517	1.3%		
39	Oakville	8807	13949	21468	19712	18310	16251	17889	207390	273765	376197	416345	409127	411536	463144	2.4%		
40	Burlington	11530	15170	22193	18619	17411	15680	16870	273717	310817	380621	406761	406178	396015	437724	2.3%		
41	Flamborough	1583	2042	3409	3221	2729	3462	3812	42970	50909	63270	75162	73809	80327	91219	0.5%		
42	Dundas	1970	2243	2628	2336	1366	1939	2151	41062	44212	44672	44744	43543	42158	48218	0.2%		
43	Ancaster	1542	2165	4179	3953	2455	3698	3921	32924	44457	74251	84554	84345	88558	97035	0.5%		
44	Glanbrook	537	742	1200	1925	1278	1970	2187	13259	14621	20917	31940	46167	56259	65159	0.3%		
45	Stoney Creek	3904	4807	5841	5336	3642	5102	5515	82012	92097	106934	113979	118598	137454	154427	0.8%		
46	Hamilton	29671	33607	35523	34138	18725	24902	27785	703196	687727	699669	702647	680832	653074	742123	3.8%		
51	Grimsby		1789	2922	2523	2199	2065	2197		35735	49292	49636	49137	51102	56682	0.3%		
52	Lincoln		1544	2429	2396	2006	1867	2006		33999	45427	46604	45231	45646	49884	0.3%		
53	Pelham		985	1662	1216	1340	1354	1435		23610	28600	28564	29368	34541	37372	0.2%		
54	Niagara-O-T-L		1217	1866	1933	1853	1620	1704		25069	34232	35602	39640	41755	44734	0.2%		
55	St Catharines		17751	18160	16113	13971	11021	11668		325115	347783	322776	309515	286997	314368	1.7%		
56	Thorold		1705	2088	1654	1620	1353	1470		33016	39557	34715	32843	35864	40180	0.2%		
57	Niagara Falls		8346	9480	8946	7618	6752	7119		164163	194572	181774	178182	184292	202029	1.1%		

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips) %	
58	Welland		5745	6519	5746	4841	3939		114108	120488	116185	106863	110202	119425	0.6%
59	Port Colbourne		1900	2303	1947	1615	1365		36948	42045	38691	35271	35413	38390	0.2%
60	Fort Erie		2745	3391	2661	2549	2005		53047	66061	59333	54934	51470	57405	0.3%
61	West Lincoln		753	1250	1028	831	727		16889	21262	20194	18926	20935	22955	0.1%
62	Wainfleet		379	432	405	350	357		7920	8107	7743	8104	9983	11279	0.1%
63	Waterloo		12017	13435	14475	12800	11649		224790	269293	266087	275907	283407	318326	1.7%
64	Kitchener		21586	22005	23646	20529	18832		428372	460406	466248	468548	462475	524942	2.7%
65	Cambridge		11046	14125	13454	11616	10208		231253	282939	272802	271387	263502	291174	1.5%
66	North Dumfries		574	819	961	744	742		12858	15184	17101	16696	17416	19339	0.1%
67	Wilmot		1275	1619	1940	1469	1495		23331	30817	33133	34433	35782	40024	0.2%
68	Wellesley		556	644	724	669	557		11254	11195	12163	13615	14250	17219	0.1%
69	Woolwich		1795	2445	3361	2429	2375		37818	44061	49264	52919	52936	59379	0.3%
70	Guelph		12737	15369	15125	13825	12883		228669	284589	296334	307444	310808	345712	1.8%
71	Puslinch		280	528	535	590	566		9588	11436	11593	13148	14208	15094	0.1%
72	Eramosa/Guelph h (Guelph Twp)		134	831	1547	978	887		2795	16273	19670	20471	21754	24881	0.1%
73	Centre Wellington (Pilkington)		100	2721	2680	2588	2266		2558	45415	48285	48646	55656	61984	0.3%
74	Elora		351						5907						
75	Nichol		120						4418						
76	Fergus		1085						18826						
77	West Garafraxa		94						4032						
78	Eramosa		485						8443						
79	Erin		628	864	1597	786	824		15003	16102	16303	17642	19355	21390	0.1%
80	Orangeville		2443	4081	3645	3031	2610		44672	64873	67608	62194	61352	69002	0.4%
81	Barrie		9761	14743	14656	15202	12317		179743	312865	317638	319182	308219	338570	1.8%

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) equiv.)	2022 (all trips) equiv.)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)			
82	Innisfil		1468	2692	2585	2349	2032	2225		29225	47241	53477	54534	58586	67094	0.3%	
83	Bradford-West Gwillimbury		1291	2560	2313	2289	2368	2599		30507	47323	50525	53035	69005	77530	0.4%	
84	New Tecumseth		2036	2998	3509	2859	2645	2848		39159	60683	63981	64891	76438	87051	0.4%	
85	Adjala- Tosorontio		350	533	664	556	490	512		9567	10935	12575	11844	13367	14784	0.1%	
86	Essa		1250	1354	1211	1473	1228	1356		21622	26561	31516	32666	34719	38971	0.2%	
87	Clearview		853	1180	1134	968	790	835		16346	21343	21057	21312	20573	23273	0.1%	
88	Springwater		997	1558	1348	1146	1095	1174		20513	29287	27318	29883	30866	35051	0.2%	
89	Kawartha Lakes (Lindsay)		2673	7623	6528	5644	3097	3299		51832	131974	128710	121205	126024	137390	0.7%	
90	OPS		203							7200							
91	Manvers		518							6037							
92	Mariposa		423							9127							
93	Eldon		195							4075							
94	Carden		15							581							
95	Dalton		1							16							
96	L-D-L		56							2126							
97	Somerville		193							4931							
98	Bexley		39							1558							
99	Fenelon		667							15153							
100	Verulam		165							4125							
101	Bobcageon		260							5656							
102	Emily		416							9118							
103	Peterborough		10242	11553	10456	8776	8080	8699		197614	206798	209911	194766	192831	212775	1.1%	

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) %	
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)		
104	Cavan-Millbrook-North Monaghan (Cavan)		229	853	689	659	632	663		8314	15614	15147	13297	15508	16798	0.1%
105	North Monaghan		104							2385						
106	Otonabee-S. Monaghan (South Monaghan)		100	542	571	500	407	422		2142	9673	8886	9751	10385	10995	0.1%
107	Otonabee		151							6960						
108	Asphodel-Norwood (Asphodel)		263	350	245	214	178	191		6117	7040	5966	5467	5037	5734	0.0%
109	Dummer-Douro (Dummer)		132	354	491	378	363	388		4098	6659	8132	7517	9096	9991	0.1%
110	Douro		541							10479						
111	Lakefield-Smith-Ennismore (Smith)		463	1524	1716	1183	1135	1182		13193	27801	27395	24987	28867	31382	0.2%
112	Ennismore		276							5080						
113	Northumberland		1780	309	309	199				28064	5718	6255	4419			
114	Rest of Peterborough		94	84	118	81	149	153		2135	1563	2197	1551	3805	4023	0.0%
115	Hastings		56	42	141	140	306	311		1101	789	2696	2617	7780	8091	0.0%
116	Haliburton		40	76	88	91	404	405		856	1406	1516	1604	8566	8570	0.0%
117	Muskoka		112	254	365	310				2221	4732	6173	5895			
118	Rest of Simcoe		780							15163						

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)		
119	Dufferin		154							3133						
120	Grey		116	327	286	302				2315	5592	4910	6170			
121	Rest of Wellington		65	154	142	142	179	184		1330	2693	2551	3585	4263	4494	0.0%
122	Perth		197	184	319	305	267	270		3897	3551	5224	5981	5588	5695	0.0%
123	Oxford		137	181	361	356	305	307		2697	3577	6802	7781	7465	7547	0.0%
124	Brant		461	2794	2840	3154	2402	2567		9832	55643	62439	60580	64862	71644	0.4%
125	Haldimand- Norfolk		313	494	515	410	426	429		6429	9346	10028	9416	10510	10941	0.1%
126	Bruce and Huron Counties						336	344						7791	8055	0.0%
127	Collingwood			2764	3073	2227	2292	2438			45788	50879	47813	62770	69316	0.4%
128	Wasaga Beach			1447	1708	1596	1284	1342			23840	29173	29380	35091	38511	0.2%
129	Tiny & Christian Island 30			671	857	571	524	578			12826	13962	13491	13793	15284	0.1%
130	Penetanguishe ne			1174	1025	799	563	608			19888	18509	16842	13520	15188	0.1%
131	Midland			2785	2561	2176	1871	1983			49970	49190	49441	48628	53183	0.3%
132	Tay			632	613	509	455	478			11481	12550	11365	12628	13712	0.1%
133	Oro-Medonte			1327	1531	1131	1191	1258			24480	26079	26249	29944	33735	0.2%
134	Severn			1032	1185	855	772	838			19541	20378	18383	20990	23022	0.1%
135	Ramara			899	795	670	526	554			17017	14132	13317	13610	14903	0.1%
136	Orillia			4383	4936	3732	3216	3398			83892	88770	79775	81756	88423	0.5%
140	Mulmur			238	212	230	240	257			3497	4002	3744	4662	5446	0.0%
141	Shelburne			988	590	375	568	621			10569	10450	9941	16686	19402	0.1%
142	Amaranth			369	230	227	183	194			4312	5791	4932	5809	6206	0.0%
143	Melancthon			133	102	92	109	120			2620	3298	2835	2977	3361	0.0%
144	Mono Township			585	446	565	494	509			9748	10603	11583	11558	12178	0.1%

Trip Tabulations

Variable: pd_orig (planning district of trip origin)

Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
145	East Luther Grand Valley			405	112	120	156	175			3394	3628	4051	3944	4351	0.0%
146	East Garafraxa			164	178	324	146	166			2196	3131	3079	2472	2891	0.0%
147	Brantford			10579	9926	8970	7831	8355			213109	205702	187935	199094	218438	1.2%
148	Brighton						588	613						14630	15553	0.1%
149	Cramahe						246	256						6595	7652	0.0%
150	**Hamilton						492	528						12570	14496	0.1%
151	Port Hope						1263	1327						31579	34107	0.2%
152	Cobourg						1916	2040						49331	54153	0.3%
153	Alnwick/Haldim and						373	395						8195	8843	0.0%
154	Alderville First Nation						48	50						1255	1298	0.0%
155	Trent Hills						808	861						22247	24212	0.1%
156	Blue Mountains						606	658						16808	17875	0.1%
157	West Grey						567	604						16512	19052	0.1%
158	Southgate						272	294						10174	11440	0.1%
159	Grey Highlands						605	649						19897	22359	0.1%
160	Hanover						518	569						13460	14924	0.1%
161	Chatsworth						242	256						6034	6592	0.0%
162	Meaford						588	617						15719	17121	0.1%
163	Georgian Bluffs						583	604						16294	17422	0.1%
164	Owen Sound						1896	1994						50503	54212	0.3%
997	External undefined			796							15035					
998	External	2099	1443	586	1927	1716	1518	1532	49585	28552	11214	37135	35479	31966	32302	0.2%
999	Unknown	1808				50			43788				1125			
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Trip Tabulations

Table 6-99 Regional municipality of trip destination

Variable: region_dest (regional municipality of trip destination)																
Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1	Toronto	191970	237949	272735	262866	261011	202538	238258	4544424	4810526	5173712	5601165	5527373	4796142	5671855	27.9%
2	Durham	27274	43102	54654	57298	54191	47342	51328	664602	873644	1108802	1212613	1143099	1217916	1359096	7.1%
3	York	31252	60137	92534	101236	98256	83711	90881	723723	1187560	1788859	2124952	2068438	2077866	2308815	12.1%
4	Peel	49522	80788	116543	119689	114668	86910	94170	1197119	1632569	2300341	2619314	2464592	2315276	2586939	13.5%
5	Halton	26816	36036	55373	50666	49979	44597	48602	615084	728359	960591	1086965	1109878	1147072	1287429	6.7%
6	Hamilton	39215	45611	52778	50950	30256	41093	45383	915711	934074	1009670	1053628	1048785	1057171	1197053	6.2%
11	Niagara		44850	52533	46612	40847	34577	36655		869450	998119	942457	908190	911145	997678	5.3%
12	Waterloo		48868	55113	58553	50237	45909	50237		970177	1114352	1116473	1132722	1130203	1270704	6.6%
13	Guelph		12750	15358	15106	13831	12862	14046		228909	284350	295982	307730	310338	345056	1.8%
14	Wellington		3273	4958	6363	4954	4529	4898		71452	89454	95871	99881	110189	122565	0.6%
15	Orangeville		2452	4077	3645	3030	2604	2824		44865	64859	67640	62043	61196	68783	0.4%
16	Barrie		9765	14747	14652	15204	12337	13233		179825	312972	317369	319372	307632	338013	1.8%
17	Simcoe		8219	25687	26228	22236	20226	21732		166414	469743	497195	495554	556259	622537	3.2%
18	Kawartha Lakes		5802	7632	6595	5693	3137	3339		120865	132123	130214	122164	126435	137768	0.7%
19	Peterborough City		10208	11556	10471	8790	8087	8710		197009	206872	209963	195169	192692	212793	1.1%
20	Peterborough		2284	3639	3716	2965	2728	2858		59320	67051	65647	61319	69225	75201	0.4%
21	Orillia			4396	4941	3746	3232	3412			84115	88820	80064	81733	88205	0.5%
22	Dufferin			2914	1890	1946	1925	2070			36852	41285	40304	48756	54370	0.3%
23	Brantford			10565	9933	8972	7841	8364			212798	205808	188222	198981	218313	1.2%
24	Brant			2803	2841	3159	2400	2565			55823	62409	60551	64602	71372	0.4%
25	Northumberland						5766	6105						147297	161288	0.9%
26	Blue Mountains						623	676						16957	18146	0.1%
27	Grey						5289	5606						148600	163179	0.9%

Trip Tabulations

Variable: region_dest (regional municipality of trip destination)

Code	Description	Number of Records							Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
98	External	2427	5877	3753	4597	4099	3712	3784	57307	110470	70284	88556	86825	90178	93335	0.5%
99	Unknown	1772				23			42967				452			
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493	

Table 6-100 Planning district of trip destination

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records							Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
1	PD 1 of Toronto	29501	39621	44532	45864	58131	40154	49145	720099	792234	860645	1018441	1177696	890888	1091221	5.2%
2	PD 2 of Toronto	10695	15299	16446	15545	16050	15722	20849	275769	305889	314781	328125	350806	317382	422197	1.8%
3	PD 3 of Toronto	14569	17365	20157	19291	16764	14312	16927	359706	360072	377623	401026	371749	344597	404558	2.0%
4	PD 4 of Toronto	16736	20574	25175	24482	22423	18829	22766	389409	411744	460201	487130	474983	414790	507927	2.4%
5	PD 5 of Toronto	9252	11205	12757	12786	11738	8797	9656	219683	228447	246203	270379	247470	218124	247217	1.3%
6	PD 6 of Toronto	12276	15731	17305	16379	16167	15405	20183	303141	316172	326394	333914	329676	316740	411742	1.8%
7	PD 7 of Toronto	3753	4304	5104	5375	5815	5080	5887	94613	91975	103390	107493	116106	116667	136482	0.7%
8	PD 8 of Toronto	15781	18613	20301	20759	19235	15830	17394	362431	380027	384384	413490	390514	367751	413938	2.1%
9	PD 9 of Toronto	7710	9410	10836	9831	8562	5580	6027	188362	194776	205853	218847	196646	161821	178428	0.9%
10	PD 10 of Toronto	12236	14688	16021	15675	13196	8739	9331	297200	311042	309198	341670	304672	277429	304060	1.6%
11	PD 11 of Toronto	12060	14734	19128	18146	17972	13077	15010	262900	299521	359927	373482	370889	313557	362285	1.8%
12	PD 12 of Toronto	7022	8054	8372	7482	7661	5555	6189	155834	156949	156890	160238	157635	135799	156296	0.8%
13	PD 13 of Toronto	17933	20060	22496	21571	18967	14076	15394	405783	405805	431564	472322	429425	366708	409633	2.1%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records							Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
14	PD 14 of Toronto	3850	4352	5502	5142	4796	3843	4306	90205	87638	99311	106759	98180	90277	103405	0.5%
15	PD 15 of Toronto	4663	5972	6814	6482	6109	4840	5329	117061	116747	132175	152576	136723	126080	141240	0.7%
16	PD 16 of Toronto	13933	17967	21789	18056	17425	12699	13865	302228	351488	405173	415272	374205	337530	381225	2.0%
17	Brock	575	944	1226	1153	865	652	707	15489	17691	18641	18597	18388	19949	22432	0.1%
18	Uxbridge	737	1088	2107	2077	2073	1549	1647	20487	26511	34317	40671	41175	40179	44569	0.2%
19	Scugog	1092	1420	2388	2408	2086	1699	1814	26680	32772	39859	44403	38457	41233	45684	0.2%
20	Pickering	4191	7736	8587	9030	7715	6836	7524	94453	148088	183259	192791	164631	169185	189804	1.0%
21	Ajax	3157	5882	7891	9097	8899	7520	8211	72657	116190	169791	202801	194264	199455	225835	1.2%
22	Whitby	4043	7406	10775	11318	11020	10082	11002	94806	147228	218852	241771	233854	257686	288210	1.5%
23	Oshawa	11158	14129	15051	15456	14827	12340	13262	280874	292149	315135	328906	309924	321399	355696	1.9%
24	Clarington	2321	4485	6629	6759	6706	6664	7161	59155	92771	128948	142673	142406	168829	186865	1.0%
25	Georgina	1445	2286	3395	3487	3178	2650	2847	40151	47393	62766	68170	66506	67686	75930	0.4%
26	East Gwillimbury	845	1380	1881	1967	2070	2189	2339	19192	25225	33151	43814	42951	61311	66669	0.4%
27	Newmarket	3721	6774	9985	9516	8236	6779	7304	78965	134764	190210	189515	179568	177851	195716	1.0%
28	Aurora	1783	3455	5316	5646	5273	4599	5047	40213	67666	96906	119829	113842	115713	129250	0.7%
29	Richmond Hill	3989	9481	15128	16595	16363	13632	14874	90969	188560	301685	355499	338899	327508	364773	1.9%
30	Whitchurch-Stouffville	1285	1480	2416	3232	2843	3144	3383	26841	34703	44806	67431	67520	79354	89809	0.5%
31	Markham	10916	19782	27849	29835	29854	25363	27573	254946	378368	536489	628871	608774	586074	653084	3.4%
32	King	933	1303	1812	1787	1866	1698	1823	24264	30091	34021	41552	42732	47132	52166	0.3%
33	Vaughan	6335	14196	24752	29171	28573	23657	25691	148182	280790	488826	610270	607645	615237	681418	3.6%
34	Caledon	1813	2796	5747	5188	5237	4695	5038	48947	63243	96461	105544	106186	123151	138117	0.7%
35	Brampton	15604	23508	36719	39661	40708	29462	32134	367907	482045	748678	911468	878260	876065	989965	5.1%
36	Mississauga	32105	54496	74077	74860	68723	52753	56998	780265	1087525	1455202	1602753	1480146	1316059	1458857	7.7%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records							Expanded Frequency							2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
37	Halton Hills	3553	3520	5772	5313	5454	4591	4888	68962	74784	101263	108122	115670	119666	132608	0.7%
38	Milton	2957	3373	5950	6965	8779	8054	8940	65740	68527	102619	155018	178513	219936	254171	1.3%
39	Oakville	8816	13955	21440	19743	18334	16266	17902	207633	273886	375761	416805	409594	411872	463477	2.4%
40	Burlington	11490	15188	22211	18625	17412	15686	16872	272750	311163	380948	406568	406101	395599	437173	2.3%
41	Flamborough	1598	2033	3396	3207	2746	3486	3836	43396	50660	63022	74748	74265	80759	91651	0.5%
42	Dundas	1948	2252	2622	2331	1373	1942	2154	40636	44379	44582	44614	43665	42327	48387	0.2%
43	Ancaster	1550	2170	4170	3949	2457	3710	3933	33117	44557	74114	84403	84196	88696	97173	0.5%
44	Glanbrook	535	732	1204	1929	1274	1966	2183	13205	14424	20989	32073	45976	56207	65016	0.3%
45	Stoney Creek	3905	4810	5848	5350	3638	5121	5531	82034	92167	107059	114273	118265	137829	154601	0.8%
46	Hamilton	29679	33614	35538	34184	18768	24868	27746	703323	687887	699903	703516	682418	651354	740224	3.8%
51	Grimsby		1790	2917	2529	2199	2067	2200		35753	49231	49781	49095	51025	56625	0.3%
52	Lincoln		1552	2429	2412	2007	1868	2007		34176	45418	46908	45092	45643	49880	0.3%
53	Pelham		987	1660	1223	1337	1361	1442		23645	28571	28696	29407	34783	37614	0.2%
54	Niagara-O-T-L		1206	1873	1932	1867	1636	1720		24815	34341	35511	40080	42087	45066	0.2%
55	St Catharines		17747	18161	16112	14019	11073	11721		325078	347816	322708	310367	287362	314792	1.7%
56	Thorold		1708	2083	1652	1611	1371	1489		33071	39470	34624	32687	36315	40636	0.2%
57	Niagara Falls		8352	9516	8980	7611	6795	7160		164253	195361	182593	177078	185484	203186	1.1%
58	Welland		5729	6511	5747	4832	3944	4166		113810	120322	116179	106810	110601	119786	0.6%
59	Port Colbourne		1906	2303	1953	1627	1353	1437		37068	42030	38775	35638	34876	37809	0.2%
60	Fort Erie		2744	3400	2647	2549	2014	2143		53030	66241	58894	54847	51780	57771	0.3%
61	West Lincoln		751	1254	1021	829	727	780		16852	21322	20082	18803	20889	22872	0.1%
62	Wainfleet		378	426	404	359	368	390		7899	7996	7706	8287	10301	11641	0.1%
63	Waterloo		12015	13451	14461	12783	11669	12873		224739	269645	265916	275723	283638	318392	1.7%
64	Kitchener		21609	22003	23639	20525	18842	20847		428947	460404	465860	468323	462440	524987	2.7%
65	Cambridge		11052	14129	13478	11629	10237	10947		231388	282949	273262	271432	263715	291460	1.5%
66	North Dumfries		568	821	958	742	746	788		12720	15238	17044	16527	17742	19713	0.1%
67	Wilmot		1273	1613	1937	1470	1496	1592		23303	30712	33066	34348	35589	39855	0.2%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips) %	
68	Wellesley		557	650	726	666	562		11274	11312	12190	13521	14324	17270	0.1%
69	Woolwich		1794	2446	3354	2422	2357		37804	44093	49136	52849	52753	59027	0.3%
70	Guelph		12750	15358	15106	13831	12862		228909	284350	295982	307730	310338	345056	1.8%
71	Puslinch		281	534	535	594	561		9540	11551	11507	13095	13949	14835	0.1%
72	Eramosa/Guelph (Guelph Twp)		132	835	1547	974	881		2757	16341	19684	20220	21175	24302	0.1%
73	Centre Wellington (Pilkington)		97	2729	2691	2599	2263		2482	45546	48434	48949	55690	62019	0.3%
74	Elora		352						5921						
75	Nichol		122						4500						
76	Fergus		1081						18765						
77	West Garafraxa		96						4069						
78	Eramosa		487						8480						
79	Erin		625	860	1590	787	824		14936	16016	16247	17618	19375	21409	0.1%
80	Orangeville		2452	4077	3645	3030	2604		44865	64859	67640	62043	61196	68783	0.4%
81	Barrie		9765	14747	14652	15204	12337		179825	312972	317369	319372	307632	338013	1.8%
82	Innisfil		1465	2690	2594	2361	2027		29170	47198	53622	54732	57917	66503	0.3%
83	Bradford-West Gwillimbury		1292	2565	2314	2286	2365		30521	47423	50582	53006	68688	77213	0.4%
84	New Tecumseth		2023	3002	3512	2882	2662		38932	60768	64117	65427	76907	87635	0.4%
85	Adjala-Tosorontio		347	540	673	565	494		9445	11064	12701	12007	13227	14643	0.1%
86	Essa		1238	1353	1210	1469	1220		21412	26546	31415	32450	34649	38902	0.2%
87	Clearview		854	1190	1142	966	795		16361	21529	21148	21318	20586	23316	0.1%
88	Springwater		1000	1563	1347	1135	1106		20572	29381	27234	29747	30982	35125	0.2%
89	Kawartha Lakes (Lindsay)		2672	7632	6595	5693	3137		51899	132123	130214	122164	126435	137768	0.7%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
90	OPS		197							6770						
91	Manvers		517							6046						
92	Mariposa		421							9078						
93	Eldon		194							4059						
94	Carden		15							581						
95	Dalton		1							16						
96	L-D-L		58							2186						
97	Somerville		189							4840						
98	Bexley		35							1423						
99	Fenelon		674							15308						
100	Verulam		168							4189						
101	Bobcageon		251							5472						
102	Emily		410							8998						
103	Peterborough		10208	11556	10471	8790	8087	8710		197009	206872	209963	195169	192692	212793	1.1%
104	Cavan- Millbrook-North Monaghan (Cavan)		225	854	691	658	629	660		8160	15631	15196	13280	15410	16700	0.1%
105	North Monaghan		104							2385						
106	Otonabee- South Monaghan (South Monaghan)		99	539	578	505	413	427		2122	9622	9030	9904	10526	11073	0.1%
107	Otonabee		156							7099						

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
108	Asphodel-Norwood (Asphodel)		270	347	244	212	179		6289	6975	5908	5367	5053	5750	0.0%
109	Dummer-Douro (Dummer)		134	350	496	385	368		4106	6574	8238	7520	9055	10017	0.1%
110	Douro		545						10572						
111	Lakefield-Smith- Ennismore (Smith)		473	1549	1707	1205	1139		13470	28249	27275	25248	29182	31661	0.2%
112	Ennismore		278						5117						
113	Northumberland		1789	332	327	215			28253	6147	6627	4630			
114	Rest of Peterborough		108	93	148	114	135	139	2422	1760	2805	2269	3689	3908	0.0%
115	Hastings		70	60	171	132	306	312	1392	1137	3380	2706	7814	8165	0.0%
116	Haliburton		53	108	84	77	412	418	1145	1999	1523	1362	10429	10639	0.1%
117	Muskoka		149	357	409	328			2984	6661	7561	6345			
118	Rest of Simcoe		843						16391						
119	Dufferin		154						3143						
120	Grey		120	334	308	384			2388	5742	5489	7613			
121	Rest of Wellington		65	154	144	146	180	185	1333	2702	2578	3682	4330	4561	0.0%
122	Perth		201	194	323	312	277	281	3978	3748	5324	6070	5977	6133	0.0%
123	Oxford		155	197	363	351	312	316	3060	3884	6906	7786	7811	7956	0.0%
124	Brant		462	2803	2841	3159	2400	2565	9865	55823	62409	60551	64602	71372	0.4%
125	Haldimand-Norfolk		325	523	523	417	433	440	6669	9876	10226	9607	10587	11222	0.1%
126	Bruce and Huron Counties						356	364					9359	9579	0.1%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records						Expanded Frequency							2022 (all trips) %
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	
127	Collingwood			2777	3099	2221	2323	2469			45987	51271	47561	63923	70469 0.4%
128	Wasaga Beach			1446	1725	1615	1300	1359			23851	29546	29546	35345	38809 0.2%
129	Tiny & Christian Island 30			679	872	582	546	601			12970	14185	13773	14384	15850 0.1%
130	Penetanguishe ne			1172	1031	792	563	609			19871	18653	16740	13464	15177 0.1%
131	Midland			2795	2562	2191	1872	1984			50133	49182	49701	48550	53048 0.3%
132	Tay			637	619	523	459	483			11588	12665	11798	12720	13847 0.1%
133	Oro-Medonte			1334	1523	1119	1193	1261			24601	25922	25863	30155	34006 0.2%
134	Severn			1025	1195	853	763	830			19411	20535	18420	20959	23008 0.1%
135	Ramara			919	810	676	538	563			17422	14418	13465	13801	14983 0.1%
136	Orillia			4396	4941	3746	3232	3412			84115	88820	80064	81733	88205 0.5%
140	Mulmur			255	213	236	246	262			3756	4037	3724	4772	5444 0.0%
141	Shelburne			991	593	372	569	622			10583	10497	9851	16878	19594 0.1%
142	Amaranth			372	229	229	183	194			4347	5763	4973	5838	6234 0.0%
143	Melancthon			137	108	95	115	126			2716	3485	2877	3051	3435 0.0%
144	Mono Township			589	455	570	505	520			9818	10737	11716	11669	12289 0.1%
145	East Luther Grand Valley			403	115	121	156	175			3393	3667	4107	3954	4360 0.0%
146	East Garafraxa			167	177	323	151	171			2238	3099	3055	2594	3013 0.0%
147	Brantford			10565	9933	8972	7841	8364			212798	205808	188222	198981	218313 1.2%
148	Brighton						601	627						14959	15920 0.1%
149	Cramahe						247	257						6719	7776 0.0%
150	**Hamilton						493	529						12591	14518 0.1%
151	Port Hope						1267	1333						31499	34067 0.2%
152	Cobourg						1927	2051						49546	54368 0.3%
153	Alnwick/Haldim and						367	389						8080	8728 0.0%

Trip Tabulations

Variable: pd_dest (planning district of trip destination)

Code	Description	Number of Records						Expanded Frequency								2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)			
154	Alderville First Nation						48	50						1255	1298	0.0%		
155	Trent Hills						816	869						22647	24613	0.1%		
156	Blue Mountains						623	676						16957	18146	0.1%		
157	West Grey						577	614						16660	19201	0.1%		
158	Southgate						263	285						9851	11117	0.1%		
159	Grey Highlands						609	653						20093	22555	0.1%		
160	Hanover						515	567						13372	14887	0.1%		
161	Chatsworth						253	267						6223	6780	0.0%		
162	Meaford						596	625						16040	17442	0.1%		
163	Georgian Bluffs						576	597						16136	17264	0.1%		
164	Owen Sound						1900	1998						50225	53934	0.3%		
997	External Undefined			887							16814							
998	External	2427	1383	514	1797	1623	1301	1329	57307	27447	9813	36139	34755	30182	31172	0.2%		
999	Unknown	1772				23			42967				452					
	Total	370248	657971	864348	858848	798093	683975	759736	8760939	13185489	16541740	17924326	17522728	17183861	19470493			

Trip Tabulations

Table 6-101 Number of people in the vehicle during trips

Variable: car_pool (number of people in the vehicle)													
Code	Description	No of Records					Expanded Frequency						
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022 % of Total
0	0						293418					8136044	41.8%
1	1						341884					8230381	42.3%
2	2						100473					2327327	12.0%
3	3						17998					570169	2.9%
4	4						4814					162261	0.8%
5	5						933					35131	0.2%
6	6						148					5945	0.0%
7	7						61					2926	0.0%
8	8						4					245	0.0%
9	9						3					63	0.0%
	Total						759736					19470493	

Trip Tabulations

Table 6-102 Number of trips that used the highway (407)

Variable: hwy407 (asked of a subsample of all trips completed on or after 2023-05-11 that appeared to have origin and destination locations such that using the highway was a possibility)																
		Number of Records					Expanded Frequency									
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)		1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
7	Not asked in 2022 TTS surveys prior to 20230511						588708	655458					14773416	16768914		86.10 %
9	Unknown					408428	115	115					8700276	3266	3266	0.00%
N	No					103611	8169	8176					2258080	208169	208522	1.10%
O	Not applicable (origin and destination pattern did not trigger the question)					276503	86054	95058					6360889	2175005	2465787	12.70 %
Y	Yes					9551	929	929					203483	24004	24004	0.10%
	Total					798093	683975	759736					17522728	17183861	19470493	

Trip Tabulations

Table 6-103 Trips that would be excluded from analysis when comparing to 2016 and earlier

Variable: excl2016 (indicates trips that would be excluded from analysis when comparing to 2016 and earlier)													
Code	Description	No of Records					Expanded Frequency						
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022
													2022 % of Total
0	Include in 2016 comparisons						683975					17183861	90.0%
1	Exclude from 2016 comparisons due to age between 5 and 10						36438					1382690	4.8%
2	Exclude from 2016 comparisons due to non-commute walking trip made by person 11+ years of age						39323					903942.2	5.2%
	Total						759736					19470493	

6.4 Transit Tabulations

The following tabulations are “number of transit trips” stratified by various categories in the database. The “Number of Records” figures present the actual number of survey records in the Transit file while the “Expanded Frequency” figures are the expanded results representing the universe. Trips are collected for persons aged 6 and over in 1986 and for persons aged 11 and over in 1991 to 2016. In 2022, trips were collected from those household members 5 years old and over. To facilitate longitudinal comparisons, 2022 results are presented two ways: filtered to 2016-equivalent trips, i.e., excluding trips made by persons 6-10 and non-commute walking trips (‘2016 equiv.’ column) and for all trips captured in 2022 (‘all trips’ column).

Transit Tabulations

Table 6-104 Mode used to access public transit

Variable: mode_accs (mode used to access public transit)																
		Number of Records							Expanded Frequency							
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
9	Unknown	0	55	16	9	2			0	1124	331	241	22			
C	Cycle	0	62	108	199	336	268	270	0	1238	2133	4676	7060	5058	5149	0.3%
D	Auto driver	1218	2174	3665	4130	5485	3085	3085	28513	43168	70610	94037	90596	47780	47780	3.2%
E	E-scooter or other electric mobility device						46	46						1269	1269	0.1%
M	Motorcycle	7	1	8	4	6	1	1	171	19	153	80	170	77	77	0.0%
O	Other	24	0	178	220	241	1	1	616	0	3430	4847	5411	6	6	0.0%
P	Auto passenger	1230	1671	2873	3107	3243	2124	2133	28935	33494	55444	75837	64700	42737	42903	2.9%
S	School bus	0	0	34	30	39	4	10	0	0	646	685	1109	78	283	0.0%
T	Taxi passenger	31	45	93	115	94	62	62	730	896	1826	2335	1763	1465	1465	0.1%
U	Paid rideshare					66	203	203					1629	4837	4837	0.3%
W	Walk	54105	66287	80269	78889	81925	49113	49450	1304070	1341198	1558875	1853361	1983536	1378815	1391274	93.1%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155996	1482123	1495045	

Transit Tabulations

Table 6-105 Mode used after disembarking public transit

Variable: mode_egrs (mode used after disembarking public transit)																
Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
9	Unknown	4	40	19	12	1			97	828	379	296	9			
C	Cycle	0	45	107	195	322	272	274	0	884	2117	4501	6748	5585	5676	0.4%
D	Auto driver	1122	2028	3531	4002	5368	2590	2590	26237	40221	68078	91196	88619	38761	38761	2.6%
E	E-scooter or other electric mobility device						46	46						958	958	0.1%
M	Motorcycle	11	0	10	9	6	1	1	263	0	192	191	170	11	11	0.0%
O	Other	16	0	148	182	271	84	84	412	0	2885	3984	6022	2372	2372	0.2%
P	Auto passenger	784	1255	2210	2323	2519	1718	1721	18432	25140	42718	56205	49294	35703	35747	2.4%
S	School bus	0	0	21	17	21	3	10	0	0	399	367	491	61	269	0.0%
T	Taxi passenger	55	74	145	154	148	84	84	1329	1494	2815	3264	2744	1776	1776	0.1%
U	Paid rideshare					62	216	217					1378	4623	4631	0.3%
W	Walk	54623	66853	81053	79809	82719	49893	50234	1316264	1352570	1573865	1876095	2000519	1392273	1404843	94.0%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155994	1482123	1495045	

Transit Tabulations

Table 6-106 Access and egress modes, and the overall transit access type

Variable: tran_type (examining both access and egress modes, and the overall transit access type)														
Code	Description	Number of Records					Expanded Frequency					2022% of Total		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011		2016	2022
1	Walk-access transit (WAT)						44967						1311274	87.7%
2	Drive-access (DAT)						5675						86542	5.8%
3	Drive-access transit – Passenger (DAT-P)						4105						85566	5.7%
4	Bicycle-access transit (BAT)						424						8947	0.6%
5	Other-access transit (OAT)						90						2716	0.2%
	Total						55261						1495045	

Table 6-107 Region of access point

Variable: region_accs (region of access point)														
Code	Description	Number of Records					Expanded Frequency					2022%		
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
1	Toronto						40574						1068559	71.5%
2	Durham						1476						39178	2.6%
3	York						2849						70522	4.7%
4	Peel						4465						134349	9.0%
5	Halton						1203						26275	1.8%
6	Hamilton						1812						60097	4.0%
11	Niagara						415						15602	1.0%
12	Waterloo						1394						47908	3.2%
13	Guelph						359						10712	0.7%

Transit Tabulations

Variable: region_accs (region of access point)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
14	Wellington*						1						43	0.0%
15	Orangeville						20						625	0.0%
16	Barrie						217						4507	0.3%
17	Simcoe						91						2592	0.2%
18	Kawartha Lakes						7						407	0.0%
19	Peterborough City						146						5341	0.4%
21	Orillia						39						1393	0.1%
22	Dufferin						2						5	0.0%
23	Brantford						73						3119	0.2%
24	Brant						3						195	0.0%
25	Northumberland						30						1609	0.1%
26	Blue Mountains						1						45	0.0%
27	Grey						25						1025	0.1%
98	External, External Undefined Total						59						934	0.1%
							55261						1495042	

Table 6-108 Planning district of access points

Variable: pd_accs (planning district of access point)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	PD 1 of Toronto						15600						343511	23.0%
2	PD 2 of Toronto						3723						88685	5.9%
3	PD 3 of Toronto						2582						78286	5.2%
4	PD 4 of Toronto						3376						87682	5.9%
5	PD 5 of Toronto						956						30463	2.0%
6	PD 6 of Toronto						2828						71020	4.8%

Transit Tabulations

Variable: pd_accs (planning district of access point)

		No of Records					Expanded Frequency						2022%	
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
7	PD 7 of Toronto						626						16441	1.1%
8	PD 8 of Toronto						1648						45908	3.1%
9	PD 9 of Toronto						581						22713	1.5%
10	PD 10 of Toronto						1618						62845	4.2%
11	PD 11 of Toronto						2211						61898	4.1%
12	PD 12 of Toronto						708						22179	1.5%
13	PD 13 of Toronto						2032						67120	4.5%
14	PD 14 of Toronto						404						13098	0.9%
15	PD 15 of Toronto						584						20104	1.3%
16	PD 16 of Toronto						1097						36605	2.4%
17	Brock						1						5	0.0%
18	Uxbridge						5						71	0.0%
19	Scugog						2						87	0.0%
20	Pickering						238						5628	0.4%
21	Ajax						323						8175	0.5%
22	Whitby						329						8596	0.6%
23	Oshawa						540						15468	1.0%
24	Clarington						38						1148	0.1%
25	Georgina						23						507	0.0%
26	East Gwillimbury						29						368	0.0%
27	Newmarket						98						2598	0.2%
28	Aurora						185						3364	0.2%

Transit Tabulations

Variable: pd_accs (planning district of access point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
29	Richmond Hill						489						11103	0.7%
30	Whitchurch-Stouffville						65						1221	0.1%
31	Markham						921						23141	1.5%
32	King						46						1075	0.1%
33	Vaughan						993						27146	1.8%
34	Caledon						29						996	0.1%
35	Brampton						1424						47176	3.2%
36	Mississauga						3012						86177	5.8%
37	Halton Hills						50						1121	0.1%
38	Milton						203						4348	0.3%
39	Oakville						519						11609	0.8%
40	Burlington						431						9197	0.6%
41	Flamborough PD						9						163	0.0%
42	Dundas PD						47						1397	0.1%
43	Ancaster PD						38						1250	0.1%
44	Glanbrook PD						29						1068	0.1%
45	Stoney Creek PD						59						2086	0.1%
46	Hamilton PD						1630						54133	3.6%
51	Grimsby						6						170	0.0%
52	Lincoln						2						77	0.0%
53	Pelham						1						11	0.0%
54	Niagara-on-the-Lake						14						544	0.0%
55	St. Catharines						217						7620	0.5%
56	Thorold						26						1067	0.1%
57	Niagara Falls						83						2827	0.2%

Transit Tabulations

Variable: pd_accs (planning district of access point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
58	Welland						54						2788	0.2%
59	Port Colborne						3						45	0.0%
60	Fort Erie						9						453	0.0%
63	Waterloo						515						18413	1.2%
64	Kitchener						700						22331	1.5%
65	Cambridge						162						6575	0.4%
67	Wilmot						4						264	0.0%
69	Woolwich						13						326	0.0%
70	Guelph City						359						10712	0.7%
79	Erin						1						43	0.0%
80	Orangeville						20						625	0.0%
81	Barrie						217						4507	0.3%
82	Innisfil						1						19	0.0%
83	Bradford-West Gwillimbury						43						809	0.1%
84	New Tecumseth						3						28	0.0%
86	Essa/CFB Borden						3						71	0.0%
87	Clearview						1						4	0.0%
89	Kawartha Lakes						7						407	0.0%
103	Peterborough City						146						5341	0.4%
115	Hastings County						2						64	0.0%
116	Haliburton County						1						12	0.0%
122	Perth County						1						6	0.0%
124	Brant County						3						195	0.0%

Transit Tabulations

Variable: pd_accs (planning district of access point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
125	Haldimand-Norfolk County						1						4	0.0%
126	Bruce and Huron Counties						1						3	0.0%
127	Collingwood						15						454	0.0%
128	Wasaga Beach						9						487	0.0%
130	Penetanguishe ne						4						137	0.0%
131	Midland						9						260	0.0%
132	Tay						1						122	0.0%
133	Oro-Medonte						1						23	0.0%
134	Severn						1						178	0.0%
136	Orillia						39						1393	0.1%
140	Mulmur						1						2	0.0%
146	East Garafraxa						1						3	0.0%
147	Brantford						73						3119	0.2%
148	Brighton						2						93	0.0%
149	Cramahe						1						29	0.0%
150	**Hamilton						3						67	0.0%
151	Port Hope						6						230	0.0%
152	Cobourg						17						1173	0.1%
153	Alnwick/Haldim and						1						17	0.0%
156	Blue Mountains						1						45	0.0%
164	Owen Sound						25						1025	0.1%
998	External Undefined						53						845	0.1%
	Total						55261						1495043	

Transit Tabulations

Table 6-109 Region of egress point

Variable: region_egrs (region of egress point)		No of Records						Expanded Frequency						2022% of Total
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	Toronto						40514						1065831	71.3%
2	Durham						1451						38866	2.6%
3	York						2982						74011	5.0%
4	Peel						4430						133710	8.9%
5	Halton						1186						25949	1.7%
6	Hamilton						1791						59656	4.0%
11	Niagara						421						15745	1.1%
12	Waterloo						1408						48158	3.2%
13	Guelph						353						10562	0.7%
14	Wellington*						3						90	0.0%
15	Orangeville						20						601	0.0%
16	Barrie						211						4376	0.3%
17	Simcoe						92						2536	0.2%
18	Kawartha Lakes						7						408	0.0%
19	Peterborough City						147						5307	0.4%
20	Peterborough County*						2						37	0.0%
21	Orillia						39						1453	0.1%
22	Dufferin						3						138	0.0%
23	Brantford						81						3396	0.2%
24	Brant						5						206	0.0%
25	Northumberland						33						1741	0.1%
26	Blue Mountains						2						119	0.0%
27	Grey						25						1025	0.1%

Transit Tabulations

Variable: region_egrs (region of egress point)

Code	Description	Number of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
98	External, External Undefined Total						55						1122	0.1%
							55261						1495043	

Table 6-110 Planning district of egress points

Variable: pd_egrs (planning district of egress point)

Code	Description	No of Records						Expanded Frequency						2022% of Total
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	
1	PD 1 of Toronto						16287						360032	24.1%
2	PD 2 of Toronto						3500						82590	5.5%
3	PD 3 of Toronto						2527						76780	5.1%
4	PD 4 of Toronto						3346						85871	5.7%
5	PD 5 of Toronto						924						29415	2.0%
6	PD 6 of Toronto						2812						70544	4.7%
7	PD 7 of Toronto						607						16271	1.1%
8	PD 8 of Toronto						1553						44183	3.0%
9	PD 9 of Toronto						593						23657	1.6%
10	PD 10 of Toronto						1575						61417	4.1%
11	PD 11 of Toronto						2040						58048	3.9%
12	PD 12 of Toronto						712						21888	1.5%
13	PD 13 of Toronto						1968						65904	4.4%
14	PD 14 of Toronto						394						13075	0.9%

Transit Tabulations

Variable: pd_egrs (planning district of egress point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
15	PD 15 of						588						20146	1.3%
	Toronto													
16	PD 16 of						1088						36008	2.4%
	Toronto													
17	Brock						1						5	0.0%
18	Uxbridge						6						78	0.0%
19	Scugog						3						91	0.0%
20	Pickering						230						5924	0.4%
21	Ajax						333						8206	0.5%
22	Whitby						321						8188	0.5%
23	Oshawa						478						14613	1.0%
24	Clarington						79						1761	0.1%
25	Georgina						27						464	0.0%
26	East						27						418	0.0%
	Gwillimbury													
27	Newmarket						130						2981	0.2%
28	Aurora						164						3094	0.2%
29	Richmond Hill						526						12197	0.8%
30	Whitchurch-						61						1271	0.1%
	Stouffville													
31	Markham						939						23289	1.6%
32	King						39						904	0.1%
33	Vaughan						1069						29394	2.0%
34	Caledon						31						863	0.1%
35	Brampton						1405						45094	3.0%
36	Mississauga						2994						87753	5.9%
37	Halton Hills						40						1095	0.1%
38	Milton						201						4354	0.3%
39	Oakville						522						11482	0.8%

Transit Tabulations

Variable: pd_egrs (planning district of egress point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
40	Burlington						423						9018	0.6%
41	Flamborough PD						10						187	0.0%
42	Dundas PD						52						1373	0.1%
43	Ancaster PD						50						1513	0.1%
44	Glanbrook PD						35						1065	0.1%
45	Stoney Creek PD						69						2306	0.2%
46	Hamilton PD						1575						53212	3.6%
51	Grimsby						14						257	0.0%
52	Lincoln						4						75	0.0%
53	Pelham						1						11	0.0%
54	Niagara-on-the- Lake						14						504	0.0%
55	St. Catharines						208						7968	0.5%
56	Thorold						27						724	0.0%
57	Niagara Falls						85						2925	0.2%
58	Welland						52						2646	0.2%
59	Port Colborne						3						45	0.0%
60	Fort Erie						9						453	0.0%
61	West Lincoln						4						137	0.0%
63	Waterloo						539						18956	1.3%
64	Kitchener						683						21940	1.5%
65	Cambridge						168						6775	0.5%
67	Wilmot						6						278	0.0%
69	Woolwich						12						210	0.0%
70	Guelph City						353						10562	0.7%
71	Puslinch						1						5	0.0%

Transit Tabulations

Variable: pd_egrs (planning district of egress point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
72	Guelph/Eramosa						2						85	0.0%
80	Orangeville						20						601	0.0%
81	Barrie						211						4376	0.3%
82	Innisfil						8						146	0.0%
83	Bradford-West Gwillimbury						33						632	0.0%
84	New Tecumseth						4						106	0.0%
85	Adjala- Tosorontio						1						4	0.0%
86	Essa/CFB Borden						4						107	0.0%
87	Clearview						1						4	0.0%
89	Kawartha Lakes						7						408	0.0%
103	Peterborough City						147						5307	0.4%
106	Otonabee- South Monaghan						1						27	0.0%
109	Douro-Dummer						1						11	0.0%
122	Perth County						2						13	0.0%
123	Oxford County						1						51	0.0%
124	Brant County						5						206	0.0%
125	Haldimand- Norfolk County						1						4	0.0%
127	Collingwood						13						371	0.0%
128	Wasaga Beach						10						533	0.0%
130	Penetanguishe ne						4						137	0.0%
131	Midland						10						283	0.0%

Transit Tabulations

Variable: pd_egrs (planning district of egress point)

		No of Records					Expanded Frequency					2022%		
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
133	Oro-Medonte						2						27	0.0%
134	Severn						2						186	0.0%
136	Orillia						39						1453	0.1%
140	Mulmur						1						2	0.0%
143	Melancthon						1						6	0.0%
144	Mono						1						129	0.0%
147	Brantford						81						3396	0.2%
148	Brighton						2						93	0.0%
149	Cramahe						1						29	0.0%
150	**Hamilton						3						67	0.0%
151	Port Hope						4						138	0.0%
152	Cobourg						18						1239	0.1%
153	Alnwick/Haldim and						1						17	0.0%
155	Trent Hills						4						159	0.0%
156	Blue Mountains						2						119	0.0%
164	Owen Sound						25						1025	0.1%
998	External Undefined						51						1055	0.1%
	Total						55261						1495045	

Transit Tabulations

Table 6-111 Number of transit routes used for trips

Variable: n_route (number of transit routes used for the trip)																
Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
1	1		34447	37023	39087	42493	26027	26280		691259	723333	893594	961096	684298	693129	46.2%
2	2		27054	31558	30848	32591	20608	20690		550134	612276	732174	788653	552225	555209	37.3%
3	3		7811	14650	13291	13443	7024	7041		159806	281575	322597	334266	206594	207518	13.9%
4	4		931	3541	3009	2606	1108	1110		18873	67295	75943	64194	34368	34551	2.3%
5	5		52	432	422	284	132	132		1066	8163	10530	7157	4514	4514	0.3%
6	6		0	40	46	20	8	8		0	806	1260	628	124	124	0.0%
	Total		70295	87244	86703	91437	54907	55261		1421138	1693448	2036098	2155994	1482123	1495045	

Table 6-112 Number of links on GO rail

Variable: n_go_rail (number of links on GO rail)		Number of Records							Expanded Frequency							
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
0	0	53996	65601	79089	76937	77480	45756	46104	1300961	1328295	1535657	1807149	1943295	1369187	1382019	92.4%
1	1	2617	4690	8034	9596	13731	8944	8950	62021	92770	155460	224717	208852	110474	110563	7.4%
2	2	2	4	121	170	226	207	207	53	73	2332	4233	3848	2462	2462	0.2%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155995	1482123	1495045	

Table 6-113 Number of links on GO bus

Variable: n_go_bus (number of links on GO bus)		Number of Records							Expanded Frequency							2022 % of Total
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
0	0	55466	68871	85395	84254	89032	53341	53690	1336164	1392644	1656690	1972240	2093225	1439326	1452027	97.1%
1	1	1147	1410	1814	2355	2259	1474	1479	26825	28219	36012	61488	58860	39658	39878	2.7%
2	2	2	14	35	85	136	90	90	45	275	746	2170	3764	3126	3126	0.2%
3	3	0	0	0	9	10	2	2	0	0	0	200	145	14	14	0.0%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155994	1482123	1495045	

Table 6-114 Number of links on TTC subway or RT

Variable: n_subway (number of links on TTC subway or RT)		Number of Records							Expanded Frequency							2022 % of Total
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
0	0	27442	36413	46283	48244	47615	28476	28737	659950	735182	905220	1123209	1146059	801703	812410	54.3%
1	1	21780	32861	24391	23342	26888	17466	17548	524945	665630	470067	546403	617095	442159	443907	29.7%
2	2	7040	1019	13999	12769	15058	8320	8331	170208	20292	269084	307312	349719	219646	220113	14.7%
3	3	351	2	2458	2240	1827	614	614	7882	34	46953	56340	42115	17599	17599	1.2%
4	4	2	0	113	108	49	31	31	48	0	2124	2833	1006	1017	1017	0.1%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155994	1482123	1495045	

Table 6-115 Number of links on TTC bus & streetcar

Variable: n_ttc_bus (number of links on TTC bus & streetcar)																
Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
0	0	19899	28368	40863	43460	48963	31105	31259	478699	565444	806691	1012249	1084020	762407	767791	51.4%
1	1	24242	27597	30473	29259	30623	18638	18797	585262	561962	583288	688090	754228	544144	549422	36.8%
2	2	11107	12816	14277	12454	10691	4764	4802	266705	262612	272196	299524	285312	159642	161465	10.8%
3	3	1284	1410	1542	1458	1112	377	380	30440	28943	29560	34622	31274	15050	15487	1.0%
4	4	82	103	87	70	45	21	21	1911	2156	1675	1572	1067	798	798	0.1%
5	5	1	1	2	2	3	2	2	17	20	38	41	94	83	83	0.0%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155995	1482123	1495045	

Table 6-116 Number of links on other local transit properties

Variable: n_local (number of links on other local transit properties)																
Code	Description	Number of Records							Expanded Frequency							
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
0	0	48986	56959	68422	67026	73255	42274	42552	1178557	1155648	1313888	1572895	1658915	1078873	1088146	72.8%
1	1	6075	10287	13166	13653	13067	9218	9279	146867	203351	265413	318096	349281	278642	281693	18.8%
2	2	1419	2727	4934	5310	4527	2996	3011	34376	55637	99617	127899	131495	108108	108706	7.3%
3	3	131	301	681	642	557	393	393	3136	6067	13702	15508	15379	15485	15485	1.0%
4	4	4	20	34	71	31	23	23	98	415	684	1678	924	867	867	0.1%
5	5	0	1	7	1		3	3	0	19	144	21		148	148	0.0%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155994	1482123	1495045	

Table 6-117 Number of links on other transit systems

Variable: n_other (number of links on other transit systems)																
Code	Description	Number of Records						Expanded Frequency								
		1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	2022 % of Total
0	0	56236	70023	86247	85480	90347	54493	54821	1353868	1415785	1674082	2012161	2134279	1472349	1484441	99.3%
1	1	363	271	997	1208	1089	408	434	8802	5328	19367	23673	21694	9334	10164	0.7%
2	2	10	1	0	9	1	6	6	216	25	0	186	21	440	440	0.0%
3	3	6	0	0	6				149	0	0	79				
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155994	1482123	1495045	

Table 6-118 Agency operating the last transit route used

Variable: oper_code (agency operating the last transit route used)														
Code	Description	No of Records					Expanded Frequency						2022%	
		1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
0	Last route was TTC or GO						42140						1078873	72.2%
11	Grand River Transit						1350						47332	3.2%
14	Guelph Transit						308						9908	0.7%
16	Peterborough Transit						146						5369	0.4%
18	Barrie Transit						158						3857	0.3%
20	MiWay						2741						87308	5.8%
22	Niagara Region Transit						354						14022	0.9%
40	Brampton Transit						1447						52790	3.5%
42	Oakville Transit						421						9320	0.6%

Transit Tabulations

Variable: oper_code (agency operating the last transit route used)

		No of Records					Expanded Frequency						2022%	
Code	Description	1986	1996	2006	2011	2016	2022	1986	1996	2006	2011	2016	2022	of Total
44	Milton Transit						135						3094	0.2%
46	Burlington Transit						275						6971	0.5%
48	Hamilton Street Railway						1585						55382	3.7%
61	York Region Transit						2307						63819	4.3%
65	Brantford Transit						74						3230	0.2%
81	Durham Region Transit						1187						35570	2.4%
90	Other municipal (BD, CB, CO, CV, FE, GC, IT, LI, MI, OR, OV, PEEL, PH, RW, SL, WB)						208						8354	0.6%
92	Other non-municipal (SHS, SN, UTM, XA, XB, XC, XF, XG, XH, XN, XP, XQ, XR, XT, XU, XV, XW)						425						9846	0.7%
	Total						55261						1495045	

Table 6-119 TTC trips

Variable: use_ttc (TTC trip)		Number of Records						Expanded Frequency								2022 % of Total
Code	Description	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	1986	1996	2006	2011	2016	2022 (2016 equiv.)	2022 (all trips)	
N	No	9029	15759	23752	26479	27497	16235	16339	216548	312830	474272	619409	626958	415006	419523	28.0%
Y	Yes	47586	54536	63492	60224	63940	38672	38922	1146486	1108307	1219177	1416689	1529037	1067117	1075521	72.0%
	Total	56615	70295	87244	86703	91437	54907	55261	1363034	1421138	1693448	2036098	2155995	1482123	1495045	

6.5 Expanded Municipal Transit Totals

The figures in the table below are based on expanded TTS 2022 survey data. These are not official boarding or ridership counts.

Table 6-120 Expanded Municipal Transit Totals

Transit counts by operator

Transit Operator	Route Prefix	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total Boardings	Total Trips
GTHA									
BRAMPTON	BR	47,637	26,844	7,940	1,513	234		84,168	57,490
BURLINGTON	BU	6,051	2,054	595	33			8,733	7,558
DURHAM	D	28,683	14,080	2,131	684	61		45,639	35,698
HAMILTON	HA	53,703	14,931	1,564	426	5		70,629	56,021
MILTON	ML	2,807	1,134	156	19	11		4,127	3,310
MISSISSAUGA	MS	70,578	35,950	12,085	1,842	218		120,672	91,300
OAKVILLE	OA	6,452	4,004	684	120	5		11,265	10,084
TTC BUS & STREETCAR	T	575,955	213,071	109,076	21,344	2,896	75	922,417	727,254
TTC SUBWAY & RT	T59	451,170	389,935	90,252	9,062	555	23	940,997	682,635
YORK	Y	44,608	24,245	9,488	1,525	218	22	80,105	65,530
TOTAL GTHA		1,287,643	726,247	233,973	36,567	4,203	120	2,288,752	1,736,880
METROLINX									
GO BUS	GB	19,355	21,042	5,004	693	76		46,171	43,018
GO TRAIN	GT0	85,842	22,386	2,226	307	4		110,765	108,447
UP EXPRESS	GT10	3,326	1,306	59	32			4,723	4,723
TOTAL METROLINX		108,523	44,735	7,289	1,032	80	0	161,659	156,187
NON-GTHA									
BARRIE	BA	3,746	974	58	4			4,782	3,968
BRADFORD	BD	369	35					404	404
BRANTFORD	BT	2,996	1,543	282	190	145		5,155	3,380
COBOURG	CB	898						898	898
COLLINGWOOD	CO	540						540	540

Transit counts by operator

Transit Operator	Route Prefix	Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Total Boardings	Total Trips
CLEARVIEW	CV	14	39	14				67	67
GRAND RIVER	GR	46,669	15,736	3,039	639	61		66,145	47,654
GREY COUNTY	GC	950	316	10				1,276	960
GUELPH	GU	9,815	2,437	162	7			12,421	10,015
INNISFIL	IT	88	132	34				254	254
LINDSAY	LI	370						370	370
MIDLAND	MI	342	174					517	382
NIAGARA REGION*	NR,SC,NI,FE	13,931	5,791	725	98	23	0	20,568	14,393
ORANGEVILLE	OV	681	140					820	733
ORILLIA	OR	1,600	647					2,247	1,600
PETERBOROUGH	PE	5,355	213		11		4	5,582	5,369
PEEL REGION	PL	1,092	46					1,138	1,138
PORT HOPE	PH	181	117					298	227
SIMCOE	SL	538	171	59				767	665
WASAGA BEACH	WB	118		48				166	166
WELLINGTON	RW		30					30	30
TOTAL NON-GTHA		90,292	28,540	4,430	949	230	4	124,444	93,213
TOTAL NON-MUNICIPAL		8,586	1,479	543	422	13	0	11,044	11,044
TOTAL		1,495,045	801,001	246,235	38,969	4,525	124	2,585,899	1,997,324

*In January 2023, Niagara Region Transit, Fort Erie Transit, Niagara Falls Transit, St. Catharines Transit, Welland Transit merged, with Niagara Region transit assuming the operation of the routes a single unified local transit service for the Niagara Region.

Total Boardings is the sum of boardings for the transit operator across 'Route 1' through 'Route 6', where Route 1 is the first transit route boarded in a given trip, Route 2 is the second transit route boarded, and so on.

Total Trips is the number of trips that used at least one service run by the transit operator on any of the routes. A trip that used two or more routes run by the given transit operator is only counted once. These numbers do not match the total in the previous tabulations due to multiple counting of trips when a combination of transit services was used (i.e. the same individual trip is counted once for each transit service used).