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Canadian Database Specifications - Business

Product Details

- Website:** <http://www.zip-codes.com>
- Product:** Canadian Postal Code Database– Business
- URL:** <http://www.zip-codes.com/postal-code-database.asp>
- Download:** http://www.zip-codes.com/account_database.asp
- Updates:** Monthly
- Formats:** [MDB] Access
[XLS] Excel
[CSV] Comma Separated Values

Our Postal Code Canada Database contains over 850,000 precise Postal Code entries. You can download the database once per month (if needed) for a full year. We have made every effort to provide the most accurate and up to date information.

Database Fields

#	Field Name	Data Type	Description
01	PostalCode	Char(7)	The Postal Code of the record.
02	City	VarChar(45)	The name of the city, town or village of the Postal Code.
03	Province	Char(2)	The two-letter abbreviation for the province to that Postal Code.
04	ProvinceName	VarChar(45)	The name of the province to that Postal Code.
05	AreaCode	VarChar(3)	The telephone area code for this Postal Code.
06	CityFlag	Char(1)	Yes/No flag indicating if the Postal Code is marked as a general delivery address.
07	TimeZone	Integer	The time Zone Number for which this Postal Code belongs to.
08	DST	Char(1)	Indicates whether they observe Day Light Savings Time.
09	Latitude	Decimal	Geographic coordinate measured in degrees north or south of the equator.
10	Longitude	Decimal	Geographic coordinate measured in degrees east or west of the Greenwich Meridian.
11	Elevation	Integer	Average elevation of the Postal Code in meters.
12	Population	Integer	The population count for the Forward Sortation Area by Canadian Census 2011.
13	Dwellings	Integer	The total number of private dwellings count for the Forward Sortation Area by Canadian Census 2011.
14	AreaName	VarChar(45)	Major community name or greater municipality grouping that contains the street address or its delivery installation as recognized by the Canada Post.
15	StreetName	VarChar(45)	The official civic name of a roadway or artery as recognized by Canada Post.

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16	StreetTypeCode	VarChar (6)	Official description used to identify the type of road or artery.
17	StreetDirCode	VarChar (2)	The street direction component of an official street name.
18	StreetSuffix	VarChar (3)	The address suffix associated with the street address from number.
19	CityMixedCase	VarChar (45)	The name of the city, town or village of the Postal Code in Mixed Case format.
20	AreaNameMixedCase	VarChar (45)	Major community name or greater municipality grouping that contains the street address or its delivery installation as recognized by the Canada Post in Mixed Case format.
21	MunicipalityName	VarChar (45)	The name of the municipality this Postal Code is in.
22	CensusMetropolitanAreaUID	VarChar (3)	Uniquely identifies a census metropolitan area.
23	CensusMetropolitanAreaName	VarChar (100)	Census metropolitan area name.
24	CensusDivisionUID	VarChar (45)	Uniquely identifies a census division.
25	CensusDivisionName	VarChar (100)	Census division name.
26	CensusSubDivisionUID	VarChar (7)	Uniquely identifies a census subdivision.
27	CensusSubDivisionName	VarChar (100)	Census subdivision name.
28	RecordType	Char(1)	Defines the type of Postal Code.
29	AddressType	Char(1)	A code denoting whether an address is in the form of a civic address or in the form of a delivery installation address.

Data: Municipality Cross Reference

Table Name: PostalCodeSupplement_Municipality

#	Field Name	Data Type	Description
01	ProvinceSequenceNumber	Char(2)	A numeric code listing the province or territory's position geographically, in east to west sequence within Canada.
02	AlternateMunicipalityName	VarChar(30)	Alternate names, alternate spellings, and abbreviations for many of the municipality names contained within the address lookup file.
03	MunicipalityName	VarChar(30)	A municipality is any city, town or village in Canada that is recognized as a valid mailing address by Canada Post.
04	AlternateType	VarChar(1)	Indicates the type of alternate municipality name.
05	ValidAlternate	VarChar(1)	Indicates whether the alternate name is acceptable for use as the municipality component of an address.
06	FSA	Char(3)	The FSA comprises the first three characters of a postal code. The FSA qualifies the area within a municipality that is permitted to use the valid alternate municipality name.
07	Province	Char(2)	The two-letter abbreviation for the province.

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Data: Accent Supplement File

Table Name: PostalCodeSupplement_Accent

#	Field Name	Data Type	Description
01	NonAccentedName	VarChar(60)	A non-localized non-accented name
02	AccentedName	VarChar(60)	A localized accented name
03	AccentedNameCoded	VarChar(60)	A non-localized non-accented name with codes representing the accented characters.

Data: Street Supplement File

Table Name: PostalCodeSupplement_Street

#	Field Name	Data Type	Description
01	Province	Char(2)	The two-letter abbreviation for the province.
02	MunicipalityName	VarChar(30)	A municipality is any city, town or village in Canada that is recognized as a valid mailing address by Canada Post.
03	AlternateStreetName	VarChar(45)	The alternate civic name of a roadway or artery as recognized by Canada Post.
04	AlternateStreetTypeCode	VarChar (6)	Official description used to identify the type of road or artery.
05	AlternateStreetDirectionCode	VarChar (2)	The street direction component of an official street name.
06	StreetName	VarChar(45)	The official civic name of a roadway or artery as recognized by Canada Post.
07	StreetTypeCode	VarChar (6)	Official description used to identify the type of road or artery.
08	StreetDirectionCode	VarChar (2)	The street direction component of an official street name.

Data: Census Metropolitan Area Supplement File

Table Name: PostalCodeSupplement_CensusMetropolitanArea

#	Field Name	Data Type	Description
01	CMAUID	VarChar(3)	Uniquely identifies a census metropolitan area/census agglomeration
02	CMANAME	VarChar(100)	Census metropolitan area or census agglomeration name
03	CMATYPE	VarChar(3)	A one-character field identifying whether the unit is a census metropolitan area, a tracted census agglomeration or a non-tracted census agglomeration.
04	CMAPUID	VarChar (5)	Uniquely identifies the provincial/territorial part of a census metropolitan area/census agglomeration
05	PRUID	VarChar (2)	Uniquely identifies a province or territory.
06	PRNAME	VarChar(55)	Province or territory name.

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Data: Census Division Supplement File
Table Name: PostalCodeSupplement_CensusDivision

#	Field Name	Data Type	Description
01	CDUID	VarChar(4)	Uniquely identifies a census division.
02	CDNAME	VarChar(100)	Census division name.
03	CDTYPE	VarChar(3)	Census division type.
04	PRUID	VarChar (2)	Uniquely identifies a province or territory.
05	PRNAME	VarChar(55)	Province or territory name.

Data: Census Subdivision Area Supplement File
Table Name: PostalCodeSupplement_CensusSubdivision

#	Field Name	Data Type	Description
01	CSDUID	VarChar(7)	Uniquely identifies a census metropolitan area/census agglomeration
02	CSDNAME	VarChar(100)	Census metropolitan area or census agglomeration name
03	CSDTYPE	VarChar(3)	A one-character field identifying whether the unit is a census metropolitan area, a tracted census agglomeration or a non-tracted census agglomeration.
04	PRUID	VarChar (2)	Uniquely identifies a province or territory.
05	PRNAME	VarChar(55)	Province or territory name.
06	CDUID	VarChar(4)	Uniquely identifies a census division.
07	CDNAME	VarChar(100)	Census division name.
08	CDTYPE	VarChar(3)	Census division type.
09	CMAUID	VarChar(3)	Uniquely identifies a census metropolitan area/census agglomeration
10	CMANAME	VarChar(100)	Census metropolitan area or census agglomeration name
11	CMATYPE	VarChar(3)	A one-character field identifying whether the unit is a census metropolitan area, a tracted census agglomeration or a non-tracted census agglomeration.
12	CMAPUID	VarChar (5)	Uniquely identifies the provincial/territorial part of a census metropolitan area/census agglomeration
13	SACTYPE	VarChar(3)	The Statistical Area Classification groups census subdivisions according to whether they are a component of a census metropolitan area, a census agglomeration, a census metropolitan influenced zone or the territories.
14	SACCODE	VarChar(3)	The 3-digit Statistical Area Classification code.
15	CCSUID	VarChar(7)	Uniquely identifies a census consolidated subdivision.
16	CCSNAME	VarChar(100)	Census consolidated subdivision name.

Detailed Database Field Descriptions

1. PostalCode

Canadian Postal Codes are made up of 6 digits/characters separated into two groups. The sequence is in ANA NAN format where A is Alphabetical character and N is a numerical character. The first three characters (ANA) make up the FSO (Forward Sortation Area).

2. City

This is the name of city for the Postal Code. The name can represent a city, a postal entity, a community or a municipality name. This value is in all UPPER CASE LETTERS.

3. Province

A two digit abbreviation of the Province.

4. ProvinceName

The full name of the Province this Postal Code resides in.

5. AreaCode

The telephone area code belonging to the particular Postal Code.

6. CityFlag

The flag to determine if the Postal Code is marked as a general delivery service Postal Code at a Postal Delivery installation. 'Y' if the Postal Code is general delivery, 'N' for no.

7. TimeZone

Time zone designation - the numbers 4-11 are assigned to the time zones.

Number	TimeZone
4	Atlantic (GMT -04:00)
5	Eastern (GMT -05:00)
6	Central (GMT -06:00)
7	Mountain (GMT -07:00)

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8	Pacific (GMT -08:00)
9	Alaska (GMT -09:00)
10	Hawaii-Aleutian (GMT -10:00)
11	American Samoa (GMT -11:00)
14	Guam (GMT +10:00)
15	Palau (GMT +9:00)
20	Newfoundland (GMT -03:30)

8. DST

Flag indicating whether a postal code is on daylight savings. Y for yes, N for no.

9. Latitude

The geographical coordinate measured in degrees north or south of the equator.

10. Longitude

The geographical coordinate measured in degrees east or west of the Greenwich (prime) meridian.

11. Elevation

The average elevation of the Postal Code measured in meters.

12. Population

The population in the Forward Sortation Area as reported by the Canadian Census 2011. **Note:** The number is only valid for first 3 characters or the Forward Sortation Area (FSA). The population numbers are also not projected to the future. They are actual Census 2011 numbers.

13. Dwellings

The total private dwellings in the Forward Sortation Area as reported by the Canadian Census 2011. **Note:** The number is only valid for first 3 characters or the Forward Sortation Area (FSA). The private dwelling numbers are also not projected to the future. They are actual Census 2011 numbers.

14. AreaName

The major community or greater municipality grouping that contains the street address or its delivery installation recognized by Canada Post. This value is in all UPPER CASE LETTERS.

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15. StreetName

The street name is the official civic name of a roadway or artery as recognized by the Canada Post.

16. StreetTypeCode

The official description used to identify the type of artery or roadway. The valid values are space, or:

Abbreviation	Type
ABBEY	Abbey
ACRES	Acres
ALLÉE	Allée
ALLEY	Alley
AUT	Autoroute
AVE	Avenue (English)
AV	Avenue (French)
BAY	Bay
BEACH	Beach
BEND	Bend
BLVD	Boulevard (English)
BOUL	Boulevard (French)
BYPASS	By-Pass
BYWAY	Byway
CAMPUS	Campus
CAPE	Cape
CAR	Carré
CARREF	Carrefour
CTR	Centre (English)
C	Centre (French)
CERCLE	Cercle
CHASE	Chase
CH	Chemin
CIR	Circle
CIRCT	Circuit
CLOSE	Close
COMMON	Common
CONC	Concession
CRNRS	Corners
CÔTE	Côte
COUR	Cour
COURS	Cours
CRT	Court
COVE	Cove

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CRES	Crescent
CROIS	Croissant
CROSS	Crossing
CDS	Cul-de-sac
DALE	Dale
DELL	Dell
DIVERS	Diversion
DOWNS	Downs
DR	Drive
ÉCH	Échangeur
END	End
ESPL	Esplanade
ESTATE	Estates
EXPY	Expressway
EXTEN	Extension
FARM	Farm
FIELD	Field
FOREST	Forest
FWY	Freeway
FRONT	Front
GDNS	Gardens
GATE	Gate
GLADE	Glade
GLEN	Glen
GREEN	Green
GRNDS	Grounds
GROVE	Grove
HARBR	Harbour
HEATH	Heath
HTS	Heights
HGHLDS	Highlands
HWY	Highway
HILL	Hill
HOLLOW	Hollow
ÎLE	Île
IMP	Impasse
INLET	Inlet
ISLAND	Island
KEY	Key
KNOLL	Knoll
LANDNG	Landing
LANE	Lane
LMTS	Limits
LINE	Line
LINK	Link
LKOUT	Lookout
LOOP	Loop

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MALL	Mall
MANOR	Manor
MAZE	Maze
MEADOW	Meadow
MEWS	Mews
MONTÉE	Montée
MOOR	Moor
MOUNT	Mount
MTN	Mountain
ORCH	Orchard
PARADE	Parade
PARC	Parc
PK	Park
PKY	Parkway
PASS	Passage
PATH	Path
PTWAY	Pathway
PINES	Pines
PL	Place (English)
PLACE	Place (French)
PLAT	Plateau
PLAZA	Plaza
PT	Point
POINTE	Pointe
PORT	Port
PVT	Private
PROM	Promenade
QUAI	Quai
QUAY	Quay
RAMP	Ramp
RANG	Rang
RG	Range
RIDGE	Ridge
RISE	Rise
RD	Road
RDPT	Rond Point
RTE	Route
ROW	Row
RUE	Rue
RLE	Ruelle
RUN	Run
SENT	Sentier
SQ	Square
ST	Street
SUBDIV	Subdivision
TERR	Terrace
TSSE	Terrasse

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THICK	Thicket
TOWERS	Towers
TLINE	Townline
TRAIL	Trail
TRNABT	Turnabout
VALE	Vale
VIA	Via
VIEW	View
VILLGE	Village
VILLAS	Villas
VISTA	Vista
VOIE	Voie
WALK	Walk
WAY	Way
WHARF	Wharf
WOOD	Wood
WYND	Wynd

17. StreetDirCode

The street direction component of an official street name. Valid Street Direction Code values are:

Code	Direction
N	North/Nord
S	South/Sud
E	East/Est
W	West
O	Ouest
NE	Northeast/Nord-est
NW	Northwest
NO	Nord-ouest
SE	Southeast/Sud-est
SW	Southwest
SO	Sud-ouest

18. StreetSuffix

The address suffix associated with the street address. Examples of street numbers with suffixes are 14½ and 22B. A numeric value denotes a fractional suffix. Fractional code valid values:

Code	Suffix
1	¼
2	½
3	¾
A-Z	A-Z respectively

19. CityMixedCase

This is the name of city for the Postal Code. The name can represent a city, a postal entity, a community or a municipality name. This value is in proper "Mixed Case Letters".

20. AreaNameMixedCase

The major community or greater municipality grouping that contains the street address or its delivery installation recognized by Canada Post. This value is in proper "Mixed Case Letters".

21. MunicipalityName

The name of the Municipality for this Postal Code.

22. CensusMetropolitanAreaUID

Uniquely identifies a census metropolitan area/census agglomeration. Link this with the Metropolitan Table for more Metro Area data.

23. CensusMetropolitanAreaName

Census metropolitan area or census agglomeration name.

24. CensusDivisionUID

Uniquely identifies a census division. Link this with the Division Table for more Subdivision data.

25. CensusDivisionName

Census division name.

26. CensusSubDivisionUID

Uniquely identifies a census subdivision (composed of the 2-digit province/territory unique identifier followed by the 2-digit census division code and the 3-digit census subdivision code). Link this with the Subdivision Table for more Subdivision data.

27. CensusSubDivisionName

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Census subdivision name.

28. Record Type

Defines the type of postal code:

- 1 – Street Address (always urban)
- 2 – Street Served by Route or GD
- 3 – Lock Box Address
- 4 – Route Service Address
- 5 – General Delivery Address

29. Address Type

A code denoting whether an address is in the form of a civic address or in the form of a delivery installation address.

- 1 = civic (street) address format
- 2 = delivery installation (station) address format

Municipality Cross Reference

The municipality cross-reference file contains alternate names, alternate spellings, and abbreviations for many of the official municipality names contained within the Address Lookup File and indicates which names may be used as valid alternates. Municipality names identified as valid alternates are equally as valid as the official municipality name.

Alternate municipality names have been defined by using FSA(s) to delimit the extent of the use of the alternate municipality name. Where no FSA is identified the alternate name is valid for all addresses within the municipality otherwise, the valid alternate name will only be valid for specified FSA's as listed on the address tape.

Based on the "type of alternate" this file simply provides a cross-reference facility for municipality names that may have changed or identified and abbreviated municipality name. By comparing the old municipality name to the records in this file, users can determine the official name and then continue to perform a search against the Address Lookup file.

For example, the following address will not be found in the Address Lookup File, since the community name has been changed:

7681 KENNEDY RD
MILLIKEN ON

The postal code cannot therefore be determined directly. A search in the Municipality Cross-Reference file, using the Province Code and Milliken as the community name will find a match, and provide the current municipality name, Markham.

7681 KENNEDY RD
MARKHAM ON

This address can then be matched against the Address Lookup file to yield the correct postal code, L3R 0L7. The municipality names should replace the invalid names on the user's address file.

Type of Alternate - Indicates the type of alternate municipality name. The valid values are:

- 1 = Invalid alternate name
- 2 = Valid alternate name
- 3 = Abbreviated municipality name (13 characters)
- 4 = Abbreviated municipality name (18 characters)

Accent Supplement File

This file is sorted in alpha-numeric ascending sequence on the non-accented name field.

Accent Codes

The "Coded" field contains the Accented version with special characters representing which accented character should be used. In other words, accented characters are represented by the characters in the left column of the table below. Replace that character with the Accented character in the right of the table.

\$	=	Â
=	=	Ã
<	=	Ç
%	=	È
*	=	É
>	=	Ê
!	=	Ë
@	=	Î
?	=	Ï
¢	=	Û
;	=	Ü
#	=	Ö
+	=	Ù

Street Cross Reference File

Alternate street names found on CPC's Postal Code Data Files are equally as valid as the official street name. The Alternate Street Name File comprises street name, street type, street direction, municipality and province. All the components as shown on the alternate file must be used.

This file provides a cross-reference facility for street names, allowing a search on names which may be obsolete, changed or commonly abbreviated.

For example:
2838 PARK ST
ABBOTSFORD BC

will not match in the Address Lookup File, since the street name is out-of-date.

By comparing the Province Code (BC), the Municipality (Abbotsford) and the street name (Park St) to the Street Cross-Reference File, the current street name, Justice Way can be determined, and the postal code subsequently obtained from the Address Lookup File:

2838 JUSTICE WAY
ABBOTSFORD BC V2T 3P5

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CSDUID

Uniquely identifies a census subdivision (composed of the 2-digit province/territory unique identifier followed by the 2-digit census division code and the 3-digit census subdivision code)

CSDNAME

Census subdivision name.

CSDTYPE

Census subdivisions are classified according to designations adopted by provincial/territorial or federal authorities.

Code	Description
< Null >	not applicable
C	City / Cité
CC	Chartered community
CG	Community government
CN	Crown colony / Colonie de la couronne
COM	Community
CT	Canton (municipalité de)
CU	Canton unis (municipalité de)
CV	City / Ville
CY	City
DM	District municipality
HAM	Hamlet
ID	Improvement district
IGD	Indian government district
IM	Island municipality
IRI	Indian reserve / Réserve indienne
LGD	Local government district
LOT	Township and royalty
M	Municipality / Municipalité
MD	Municipal district
ME	Municipalité
MU	Municipality
NH	Northern hamlet
NL	Nisga'a land
NO	Unorganized / Non organisé
NV	Northern village
P	Parish / Paroisse (municipalité de)
PE	Paroisse (municipalité de)
RCR	Rural community / Communauté rurale
RDA	Regional district electoral area
RG	Region
RGM	Regional municipality
RM	Rural municipality

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RV	Resort village
S-E	Indian settlement / Établissement indien
SA	Special area
SC	Subdivision of county municipality / Subdivision municipalité de comté
SE	Settlement / Établissement
SET	Settlement
SG	Self-government / Autonomie gouvernementale
SM	Specialized municipality
SNO	Subdivision of unorganized / Subdivision non organisée
SV	Summer village
T	Town
TC	Terres réservées aux Cris
TI	Terre inuite
TK	Terres réservées aux Naskapis
TL	Teslin land
TP	Township
TV	Town / Ville
V	Ville
VC	Village cri
VK	Village naskapi
VL	Village
VN	Village nordique

PRUID

Uniquely identifies a province or territory.

PRNAME

Province or territory name.

CDUID

Uniquely identifies a census division.

CDNAME

Census division name.

CDTYPE

Census division type.

Code	Description
CDR	Census division / Division de recensement
CT	County / Comté
CTY	County

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DIS	District
DM	District municipality
MRC	Municipalité régionale de comté
RD	Regional district
REG	Region
RM	Regional municipality
TE	Territoire équivalent
TER	Territory / Territoire
UC	United counties

CMAUID

Uniquely identifies a census metropolitan area/census agglomeration.

CMANAME

Census metropolitan area or census agglomeration name.

CMATYPE

A one-character field identifying whether the unit is a census metropolitan area, a tracted census agglomeration or a non-tracted census agglomeration

Code	Description
B	Census metropolitan area (CMA)
D	Census agglomeration (CA) that is not tracted
K	Census agglomeration (CA) that is tracted
< Null >	not applicable (outside of CMA or CA)

CMAPUID

Uniquely identifies the provincial/territorial part of a census metropolitan area/census agglomeration (composed of the 2-digit province/territory unique identifier followed by the 3-digit census metropolitan area/census agglomeration unique identifier)

SACTYPE

The Statistical Area Classification type is a one-digit code that identifies whether a census

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subdivision is a component of a census metropolitan area (CMA), a census agglomeration (CA), a census metropolitan influenced zone (MIZ) or in the territories.

Code	Description
1	Census subdivision within census metropolitan area
2	Census subdivision within census agglomeration with at least one census tract
3	Census subdivision within census agglomeration having no census tracts
4	Census subdivision outside of census metropolitan area/census agglomeration area having strong metropolitan influence
5	Census subdivision outside of census metropolitan area/census agglomeration area having moderate metropolitan influence
6	Census subdivision outside of census metropolitan area/census agglomeration area having weak metropolitan influence
7	Census subdivision outside of census metropolitan area/census agglomeration area having no metropolitan influence
8	Census subdivision within a territory

SACCODE

The Statistical Area Classification code is a three-digit code that identifies which census metropolitan area (CMA), census agglomeration (CA) or census metropolitan influenced zone (MIZ) a census subdivision is a component of. The MIZ categories, which denote the degree of influence that the CMAs and/or CAs have on these zones, are: strong (code 996), moderate (code 997), weak (code 998), no influence (code 999), or the territories (code 000) where the classification is not applicable.

Code	Description
000	Territories, classification is not applicable
001-995	CMA or CA
996	Strong
997	Moderate
998	Weak
999	No influence

CCSUID

Uniquely identifies a census consolidated subdivision (composed of the 2-digit province/territory unique identifier followed by the 2-digit census division code and the 3-digit census consolidated subdivision code)

CCSNAME

Census consolidated subdivision name