

Quentin Sager Consulting, Inc.

# **[CANADIAN POSTAL CODES]**

Premium Edition Database reference manual

This document contains the data set and file specifications for the Canadian Postal Codes Premium Edition database. These specifications are subject to change without notice. The data it describes is furnished under a license agreement, and may be used or copied only in accordance with the terms of the license agreement.

Canadian Postal Codes Premium Edition Reference Manual  
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## FILE NAMES AND DESCRIPTIONS

Each table (*file*) in the Canadian Postal Codes Premium Edition database is delivered in flat, delimited text file format (commonly referred to as comma-separated-value or CSV format). The Canadian Postal Codes Premium Edition database is easily imported to and accessed through most contemporary database engines including (but not limited to) MySQL, PostgreSQL, SQLite, Oracle, IBM DB2, Microsoft SQL Server, Microsoft Access, or similar tool.

The data can be imported as either US-ASCII or Unicode UTF-8 text. For each file in the Canadian Postal Codes Premium Edition database; the first row contains field names (column headers), fields are terminated by a single comma “,” character, fields are optionally enclosed using a double quote character, and lines (rows) are terminated with a two character carriage return line feed (CR + LF) sequence.

File	Primary data contents
<b>ca_premium.txt</b>	Canadian Postal Code Master File

## RECORD LAYOUTS AND FIELD DESCRIPTIONS

**FILE: ca\_premium.txt**

Field	Description
<b>PostalCode</b>	Canada Post postal code in standard format; 3 character Forward Sortation Area (FSA), space, 3 character Local Delivery Unit (LDU)
<b>City</b>	The city, community, station or other name for the postal code area.
<b>Abbreviation</b>	The Canada Post abbreviation for the <i>City</i> name.
<b>ProvinceName</b>	The full name for the province or territory the postal code is located in
<b>Province</b>	The Canada Post standard 2-letter abbreviation for the province or territory the postal code is located in.
<b>CityType</b>	Canada Post recognition of the <i>City</i> name when used with this postal code <ul style="list-style-type: none"> <li>• <b>P</b> – the specified city name is the official Canada Post city name for this postal code. Each postal code will have only one “P” type record.</li> <li>• <b>A</b> – the city name is an acceptable alternate for use with this postal code</li> <li>• <b>N</b> – the specified city name is not acceptable for use with this postal code</li> </ul>
<b>PostalCodeType</b>	The postal code type <ul style="list-style-type: none"> <li>• <b>U</b> – urban</li> <li>• <b>R</b> – rural</li> </ul>
<b>AreaCode</b>	Predominate 3-digit telephone area code
<b>Overlay</b>	Additional telephone area codes in use when the predominate telephone area code is an <i>overlayed</i> area code. Multiple entries are separated by an ASCII forward slash “/” character.
<b>TimeZone</b>	The time zone the ZIP Code is located in. Counties split between time zones are Gulf, FL; South Central, AK; Idaho, ID; Kearny, KS; Cherry, NE; McKenzie, ND; Morton, ND; Jones, SD; and Stanley, SD. <ul style="list-style-type: none"> <li>• <b>AK</b> – Alaska</li> <li>• <b>AS</b> – (American) Samoa</li> <li>• <b>AT</b> – Atlantic</li> <li>• <b>CH</b> – Chamorro</li> <li>• <b>CT</b> – Central</li> <li>• <b>ET</b> – Eastern</li> <li>• <b>HT</b> – Hawaii-Aleutian</li> <li>• <b>KO</b> – Kosrae</li> <li>• <b>MA</b> – Marshall</li> <li>• <b>MT</b> – Mountain</li> <li>• <b>NT</b> – Newfoundland</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>PA</b> – Palau</li> <li>• <b>PO</b> – Pohnpei (Ponape)</li> <li>• <b>PT</b> – Pacific</li> </ul>
<b>DST</b>	<b>Y/N</b> indicator specifying whether daylight savings time is recognized
<b>UTC</b>	Coordinated Universal Time (UTC) offset for the postal code geographic location. Format is +\-HH:MM.
<b>Olson</b>	<p>Internet Assigned Numbers Authority (IANA) Time Zone Database time zone identifier, also known as the Olson time zone ID, for the postal code geographic location.</p> <p>The IANA time zone database is also known as the <i>tz database</i>, the <i>zoneinfo database</i>, and/or the <i>Olson database</i>.</p>
<b>Latitude</b>	Latitude in decimal degrees to the geographic center of the postal code FSA
<b>Longitude</b>	Longitude in decimal degrees to the geographic center of the postal code FSA

# SQL SCRIPTS AND SCHEMAS

## MySQL

```
CREATE TABLE `ca_premium` (  
  `PostalCode` char(7) NOT NULL default '',  
  `City` varchar(64) default NULL,  
  `Abbreviation` varchar(13) default NULL,  
  `ProvinceName` varchar(28) default NULL,  
  `Province` char(2) default NULL,  
  `CityType` char(1) default NULL,  
  `PostalCodeType` char(1) default NULL,  
  `AreaCode` char(3) default NULL,  
  `Overlay` varchar(50) default NULL,  
  `TimeZone` char(2) default NULL,  
  `DST` char(1) default NULL,  
  `UTC` CHAR(6) DEFAULT NULL,  
  `Olson` VARCHAR(128) DEFAULT NULL,  
  `Latitude` double default NULL,  
  `Longitude` double default NULL,  
  KEY (`ZIP`)  
);
```

## Appendix A – State, province, and territory codes

### United States - States and territories

AL	Alabama	NJ	New Jersey
AK	Alaska	NM	New Mexico
AZ	Arizona	NY	New York
AR	Arkansas	NC	North Carolina
CA	California	ND	North Dakota
CO	Colorado	OH	Ohio
CT	Connecticut	OK	Oklahoma
DE	Delaware	OR	Oregon
DC	District of Columbia	PA	Pennsylvania
FL	Florida	RI	Rhode Island
GA	Georgia	SC	South Carolina
HI	Hawaii	SD	South Dakota
ID	Idaho	TN	Tennessee
IL	Illinois	TX	Texas
IN	Indiana	UT	Utah
IA	Iowa	VT	Vermont
KS	Kansas	VA	Virginia
KY	Kentucky	WA	Washington
LA	Louisiana	WV	West Virginia
ME	Maine	WI	Wisconsin
MD	Maryland	WY	Wyoming
MA	Massachusetts	AS	American Samoa <sup>1</sup>
MI	Michigan	FM	Micronesia
MN	Minnesota	GU	Guam
MS	Mississippi	MH	Marshall Islands
MO	Missouri	MP	Northern Mariana Islands <sup>2</sup>
MT	Montana	PW	Palau
NE	Nebraska	PR	Puerto Rico
NV	Nevada	UM	Minor Islands
NH	New Hampshire	VI	Virgin Islands

### Canada - Provinces and territories

AB	Alberta	NU	Nunavut <sup>3</sup>
BC	British Columbia	ON	Ontario
MB	Manitoba	PE	Prince Edward Island
NB	New Brunswick	QC	Quebec <sup>4</sup>
NL	Newfoundland and Labrador <sup>5</sup>	SK	Saskatchewan
NT	Northwest Territories	YT	Yukon
NS	Nova Scotia		

### Mexico - States and territories

AGS	AGUASCALIENTES	MOR	MORELOS
BC	BAJA CALIFORNIA	NAY	NAYARIT

<sup>1</sup> COMMON LANGUAGE® abbreviation for American Samoa is AM

<sup>2</sup> COMMON LANGUAGE® abbreviation for Northern Mariana Islands is NN

<sup>3</sup> COMMON LANGUAGE® abbreviation for Nunavut is VU

<sup>4</sup> COMMON LANGUAGE® abbreviation for Quebec is PQ

<sup>5</sup> COMMON LANGUAGE® abbreviation for Newfoundland and Labrador is NF

BCS BAJA CALIFORNIA SUR  
CAM CAMPECHE  
COAH COAHUILA  
COL COLIMA  
CHIS CHIAPAS  
CHIH CHIHUAHUA  
DF DISTRITO FEDERAL  
DGO DURANGO  
GTO GUANAJUATO  
GRO GUERRERO  
HGO HIDALGO  
JAL JALISCO  
MEX MEXICO  
MICH MICHOACAN

NL NUEVO LEON  
OAX OAXACA  
PUE PUEBLA  
QRO QUERETARO  
QROO QUINTANA ROO  
SLP SAN LUIS POTOSI  
SIN SINALOA  
SON SONORA  
TAB TABASCO  
TAM TAMAULIPAS  
TLAX TLAXCALA  
VER VERACRUZ  
YUC YUCATAN  
ZAC ZACATECAS