

Quentin Sager Consulting, Inc.

# [COMBINED US/CA POSTAL CODES]

Premium Edition Database reference manual

This document contains the data set and file specifications for the Combined US/CA 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.

Premium Edition Reference Manual  
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## FILE NAMES AND DESCRIPTIONS

Each table (*file*) in the Combined US/CA Postal Codes Premium Edition database is delivered in flat, delimited text file format (commonly referred to as comma-separated-value or CSV format). The Combined US/CA 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 Combined US/CA 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.

Primary data contents	
<b>usca_premium.txt</b>	United States 5-Digit ZIP Code/Canadian Postal Code Master File
<b>counties.txt</b>	FIPS county code cross-reference data

## RECORD LAYOUTS AND FIELD DESCRIPTIONS

**FILE: usca\_premium.txt**

Field	Description
<b>PostalCode</b>	USPS 5-digit (Zone Improvement Plan) ZIP Code or 6 character 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 USPS or Canada Post abbreviation for the <i>City</i> name.
<b>CountyName</b>	Name of the predominate county or county equivalency the ZIP Code is located in
<b>StateProvinceName</b>	The full name for the state, province or territory the postal code is located in
<b>StateProvince</b>	The USPS or Canada Post standard 2-letter abbreviation for the state, province or territory the postal code is located in.
<b>Country</b>	2-character ISO 3166 country code
<b>CityType</b>	USPS or 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 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 definition or type for delivery purposes. <i>United States entries</i> <ul style="list-style-type: none"> <li>• <b>S</b> – A standard ZIP Code</li> <li>• <b>P</b> – A ZIP Code used only for Post Office Boxes</li> <li>• <b>U</b> – A ZIP Code used for a unique organization</li> <li>• <b>M</b> – An APO/FPO (Military) ZIP Code</li> </ul> Canadian entries <ul style="list-style-type: none"> <li>• <b>U</b> – urban</li> <li>• <b>R</b> – rural</li> </ul>
<b>FIPS</b>	5-digit Federal Information Processing Standard FIPS PUB 55 county code for the county the ZIP Code is located in. This value is the 2-digit FIPS state code combined with the 3-digit FIPS county code.
<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 postal code is located in.

	<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>CA</b> – Caroline</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>MA</b> – Marshall</li><li>• <b>MT</b> – Mountain</li><li>• <b>NT</b> – Newfoundland</li><li>• <b>PA</b> – Palau</li><li>• <b>PT</b> – Pacific</li><li>• <b>EE</b> – Eastern European</li><li>• <b>CE</b> – Central European</li><li>• <b>WE</b> – Western European</li></ul>
<b>DST</b>	<b>Y/N</b> indicator specifying whether daylight savings time is recognized
<b>UTC</b>	Time zone the postal code is located in specified as a Universal Time Coordinate offset
<b>Latitude</b>	Latitude in decimal degrees to the geographic center of the United States ZIP Code or Canadian FSA
<b>Longitude</b>	Longitude in decimal degrees to the geographic center of the United States ZIP Code or Canadian FSA

**FIELD DESCRIPTIONS: counties.txt**

Field	Description
<b>FIPS</b>	5-digit Federal Information Processing Standard county code.
<b>CountyName</b>	Name of the county
<b>State</b>	USPS standard 2-letter abbreviation for the state or territory the ZIP Code is located in.
<b>Pop2000</b>	Total year 2000 population for the county.
<b>PopEst2001</b>	Total year 2001 estimated population for the county.
<b>PopEst2002</b>	Total year 2002 estimated population for the county.
<b>PopEst2003</b>	Total year 2003 estimated population for the county.
<b>PopEst2004</b>	Total year 2004 estimated population for the county.
<b>PopEst2005</b>	Total year 2005 estimated population for the county.
<b>HousingUnits2000</b>	The number of housing units within the county.
<b>LA_MILES</b>	County land area in square miles.
<b>WA_MILES</b>	County water area in square miles.
<b>CountyNameType</b>	Government administrative classification for the <i>county</i> .
<b>CountySeat</b>	County government center

## SQL SCRIPTS AND SCHEMAS

### MySQL

```
CREATE TABLE `postalcodes` (  
  `PostalCode` CHAR(7) NOT NULL,  
  `City` VARCHAR(64) DEFAULT NULL,  
  `Abbreviation` VARCHAR(13) DEFAULT NULL,  
  `CountyName` VARCHAR(64) DEFAULT NULL,  
  `StateProvinceName` VARCHAR(64) DEFAULT NULL,  
  `StateProvince` CHAR(2) DEFAULT NULL,  
  `Country` CHAR(2) DEFAULT NULL,  
  `CityType` CHAR(1) DEFAULT NULL,  
  `PostalCodeType` CHAR(1) DEFAULT NULL,  
  `FIPS` CHAR(5) DEFAULT NULL,  
  `AreaCode` CHAR(3) DEFAULT NULL,  
  `Overlay` VARCHAR(28) DEFAULT NULL,  
  `TimeZone` CHAR(2) DEFAULT NULL,  
  `DST` CHAR(1) DEFAULT NULL,  
  `UTC` VARCHAR(28) DEFAULT NULL,  
  `Latitude` DOUBLE DEFAULT 0,  
  `Longitude` DOUBLE DEFAULT 0,  
  PRIMARY KEY (`PostalCode`));
```

```
CREATE TABLE `counties` (  
  `FIPS` CHAR(5) NOT NULL,  
  `CountyName` VARCHAR(64) DEFAULT NULL,  
  `State` CHAR(2) DEFAULT NULL,  
  `Pop2000` DOUBLE DEFAULT 0,  
  `Pop2009` DOUBLE DEFAULT 0,  
  `Pop2010` DOUBLE DEFAULT 0,  
  `LandAreaSquareMiles` DOUBLE DEFAULT -1,  
  `WaterAreaSquareMile` DOUBLE DEFAULT -1,  
  `CountyType` VARCHAR(128) DEFAULT NULL,  
  `County_Seat` VARCHAR(64) DEFAULT NULL,  
  PRIMARY KEY (`FIPS`));
```

## 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