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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The information provided in this document is directed solely to users who have the appropriate degree of experience to understand and interpret its contents in accordance with generally accepted engineering, industry, or other professional standards and applicable regulations.

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

Record Layouts and Field Descriptions

FILE: usca_premium.txt

Field	Description
PostalCode	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)
City	The city, community, station or other name for the postal code area.
Abbreviation	The USPS or Canada Post abbreviation for the *City* name.
CountyName	Name of the predominate county or county equivalency the ZIP Code is located in
StateProvinceName	The full name for the state, province or territory the postal code is located in
StateProvince	The USPS or Canada Post standard 2-letter abbreviation for the state, province or territory the postal code is located in.
Country	2-character ISO 3166 country code
CityType	USPS or Canada Post recognition of the *City* name when used with this postal code • **P** – the specified city name is the official city name for this postal code. Each postal code will have only one "P" type record. • **A** – the city name is an acceptable alternate for use with this postal code • **N** – the specified city name is not acceptable for use with this postal code
PostalCodeType	The postal code definition or type for delivery purposes. *United States entries* • **S** – A standard ZIP Code • **P** – A ZIP Code used only for Post Office Boxes • **U** – A ZIP Code used for a unique organization • **M** – An APO/FPO (Military) ZIP Code Canadian entries • **U** – urban • **R** – rural
FIPS	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.
AreaCode	Predominate 3-digit telephone area code
Overlay	Additional telephone area codes in use when the predominate telephone area code is an *overlayed* area code. Multiple entries are separated by an ASCII forward slash "/" character.
TimeZone	The time zone the postal code is located in.

	AK – Alaska **AS** – (American) Samoa **AT** – Atlantic **CH** – Chamorro **CT** – Central **ET** – Eastern **HT** – Hawaii-Aleutian **KO** – Kosrae **MA** – Marshall **MT** – Mountain **NT** – Newfoundland **PA** – Palau **PO** – Pohnpei (Ponape) **PT** – Pacific **EE** – Eastern European **CE** – Central European **WE** – Western European
DST	**Y/N** indicator specifying whether daylight savings time is recognized
UTC	Coordinated Universal Time (UTC) offset for the ZIP code geographic location. Format is +\-HH:MM.
Olson	Internet Assigned Numbers Authority (IANA) Time Zone Database time zone identifier, also known as the Olson time zone ID, for the ZIP or postal code geographic location. The IANA time zone database is also known as the *tz database*, the *zoneinfo database*, and/or the *Olson database*.
Latitude	Latitude in decimal degrees to the geographic center of the United States ZIP Code or Canadian FSA
Longitude	Longitude in decimal degrees to the geographic center of the United States ZIP Code or Canadian FSA

FIELD DESCRIPTIONS: counties.txt

Field	Description
FIPS	5-digit Federal Information Processing Standard county code.
CountyName	Name of the county
State	USPS standard 2-letter abbreviation for the state or territory the ZIP Code is located in.
Pop2000	Total year 2000 population for the county.
Pop2010	Total year 2010 estimated population for the county.
Pop2017	Total year 2017 estimated population for the county.
`LandAreaSquareMiles`	County land area in square miles.
`WaterAreaSquareMile`	County water area in square miles.
CountyNameType	Government administrative classification for the *county*.
CountySeat	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` CHAR(6) DEFAULT NULL,
      `Olson` VARCHAR(128) 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,
      `Pop2010` DOUBLE DEFAULT 0,
      `Pop2017` 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[1]
MI	Michigan	FM	Micronesia
MN	Minnesota	GU	Guam
MS	Mississippi	MH	Marshall Islands
MO	Missouri	MP	Northern Mariana Islands[2]
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[3]
BC	British Columbia	ON	Ontario
MB	Manitoba	PE	Prince Edward Island
NB	New Brunswick	QC	Quebec[4]
NL	Newfoundland and Labrador[5]	SK	Saskatchewan
NT	Northwest Territories	YT	Yukon
NS	Nova Scotia		

Mexico - States and territories

AGS	AGUASCALIENTES	MOR	MORELOS
BC	BAJA CALIFORNIA	NAY	NAYARIT

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1 COMMON LANGUAGE® abbreviation for American Samoa is AM

2 COMMON LANGUAGE® abbreviation for Northern Mariana Islands is NN

3 COMMON LANGUAGE® abbreviation for Nunavut is VU

4 COMMON LANGUAGE® abbreviation for Quebec is PQ

5 COMMON LANGUAGE® abbreviation for Newfoundland and Labrador is NF

BCS	BAJA CALIFORNIA SUR	NL	NUEVO LEON
CAM	CAMPECHE	OAX	OAXACA
COAH	COAHUILA	PUE	PUEBLA
COL	COLIMA	QRO	QUERETARO
CHIS	CHIAPAS	QROO	QUINTANA ROO
CHIH	CHIHUAHUA	SLP	SAN LUIS POTOSI
DF	DISTRITO FEDERAL	SIN	SINALOA
DGO	DURANGO	SON	SONORA
GTO	GUANAJUATO	TAB	TABASCO
GRO	GUERRERO	TAM	TAMAULIPAS
HGO	HIDALGO	TLAX	TLAXCALA
JAL	JALISCO	VER	VERACRUZ
MEX	MEXICO	YUC	YUCATAN
MICH	MICHOACAN	ZAC	ZACATECAS