

Quentin Sager Consulting, Inc.

# [UNITED STATES 5-DIGIT ZIP CODE]

Gold Edition Database reference manual

This document contains the data set and file specifications for the United States 5-Digit ZIP Code Gold 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.

United States 5-Digit ZIP Code Gold Edition Reference Manual  
Revised: January 20, 2020

Published by:

**Quentin Sager Consulting, Inc.**  
**1589 South Wallace Point**  
**Crystal River, FL 34429**

Copyright © 2020 Quentin Sager Consulting, Inc.  
All rights reserved.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of Quentin Sager Consulting, Inc.

### **Disclaimer and Limitation of Liability**

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.

NO REPRESENTATION OR WARRANTY IS MADE THAT THE INFORMATION IS TECHNICALLY ACCURATE OR SUFFICIENT OR CONFORMS TO ANY STATUTE, GOVERNMENTAL RULE OR REGULATION, AND FURTHER NO REPRESENTATION OR WARRANTY IS MADE OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS. QUENTIN SAGER CONSULTING SHALL NOT BE LIABLE, BEYOND THE AMOUNT OF ANY SUM RECEIVED IN PAYMENT BY QUENTIN SAGER CONSULTING FOR THIS DOCUMENT, WITH RESPECT TO ANY CLAIM, AND IN NO EVENT SHALL QUENTIN SAGER CONSULTING BE LIABLE FOR LOST PROFITS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. QUENTIN SAGER CONSULTING EXPRESSLY ADVISES THAT ANY AND ALL USE OF OR RELIANCE UPON THE INFORMATION PROVIDED IN THIS DOCUMENT IS AT THE RISK OF THE USER.

## FILE NAMES AND DESCRIPTIONS

Each table (*file*) in the United States 5-Digit ZIP Code Gold Edition database is delivered in flat, delimited text file format (commonly referred to as comma-separated-value or CSV format). The United States 5-Digit ZIP Code Gold 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 United States 5-Digit ZIP Code Gold 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>us_gold.txt</b>	United States 5-Digit ZIP Code Master File
<b>counties.txt</b>	FIPS county code cross-reference data
<b>cbsa.txt</b>	Core Based Statistical Area cross-reference data
<b>msa.txt</b>	Historical Metropolitan Statistical Area cross-reference data

## RECORD LAYOUTS AND FIELD DESCRIPTIONS

**FILE: us\_gold.txt**

Field	Description
<b>ZIP</b>	USPS 5-digit (Zone Improvement Plan) ZIP Code
<b>City</b>	The city, community, station or other name for the ZIP Code area.
<b>Abbreviation</b>	The USPS 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>StateName</b>	The full name for the state or territory the ZIP Code is located in
<b>State</b>	The USPS standard 2-letter abbreviation for the state or territory the ZIP Code is located in.
<b>CityType</b>	USPS recognition of the <i>City</i> name when used with this ZIP Code <ul style="list-style-type: none"> <li>• <b>P</b> – the specified city name is the official USPS city name for this ZIP Code. Each ZIP Code will have only one “P” type record.</li> <li>• <b>A</b> – the city name is an acceptable alternate for use with this ZIP Code</li> <li>• <b>N</b> – the specified city name is not acceptable for use with this ZIP Code</li> </ul>
<b>ZipType</b>	The ZIP Code definition or type for delivery purposes. <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>
<b>CSA</b>	OMB 3-digit code for the Combined Statistical Area the ZIP Code is located in
<b>CBSA</b>	OMB 5-digit code for the Core Based Statistical Area the ZIP Code is located in
<b>CBSA_DIVISION</b>	OMB 5-digit code for the Core Based Statistical Area division the ZIP Code is located in
<b>CBSA_STATUS</b>	The type of area the 5-digit CBSA code defines <ul style="list-style-type: none"> <li>• <b>1</b> – Metropolitan Statistical Area</li> <li>• <b>2</b> – Micropolitan Statistical Area</li> </ul>
<b>NECMA</b>	Historical OMB 4-digit code of the New England County Metropolitan Area the ZIP Code is located in
<b>CombinedNECTA</b>	OMB 3-digit code of the Combined New England City and Towns Area the ZIP Code is located in
<b>NECTA</b>	OMB 5-digit code of the New England City and Towns Area the ZIP Code is located in

<b>NECTA_Division</b>	OMB 5-digit code of the New England City and Towns Area division the ZIP Code is located in
<b>MSA</b>	Historical OMB 4-digit code of the Metropolitan Statistical Area the ZIP Code is located in
<b>PMSA</b>	Historical OMB 4-digit code of the Primary Metropolitan Statistical Area the ZIP Code is located in
<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>	<p>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.</p> <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>	Coordinated Universal Time (UTC) offset for the ZIP 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 ZIP 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 ZIP Code

<b>Longitude</b>	Longitude in decimal degrees to the geographic center of the ZIP Code
<b>CustomerServiceArea</b>	United States Postal Service Customer Service Area code for this ZIP Code
<b>CustomerServiceArea Name</b>	Name of the USPS Customer Service Area for this ZIP Code
<b>CustomerServiceDistrict</b>	United States Postal Service Customer Service Area District code for this ZIP Code
<b>CustomerServiceDistrictName</b>	Name of the USPS Customer Service Area District for this ZIP Code

**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>Pop2010</b>	Total year 2010 population for the county.
<b>Pop2017</b>	Total year 2017 estimated population for the county.
<b>LandAreaSquareMiles</b>	County land area in square miles.
<b>WaterAreaSquareMile</b>	County water area in square miles.
<b>CountyNameType</b>	Government administrative classification for the <i>county</i> .
<b>CountySeat</b>	County government center

**FIELD DESCRIPTIONS: cbsa.txt**

Field	Description
<b>CSA</b>	3-digit Combined Statistical Area code
<b>CBSA</b>	5-digit Core Base Statistical Area code
<b>CBSA Division</b>	5-digit CBSA Division
<b>CSA Title</b>	Name of the Combined Statistical Area
<b>CBSA Title</b>	Name of the Core Based Statistical Area
<b>CBSA Division Title</b>	Name of the CBSA Division.
<b>CBSA Level</b>	Specifies whether the CBSA is a Metropolitan or Micropolitan type area.

**FIELD DESCRIPTIONS: msa.txt**

Field	Description
<b>MSA</b>	4-digit code assigned by the Office of Management and Budget to the MSA or PMSA code.
<b>TYPE</b>	Identifies whether the code is an MSA (Metropolitan Statistical Area), PMSA (Primary Metropolitan Statistical Area), or CMSA (Consolidated Metropolitan Statistical Area).
<b>NAME</b>	Official name of the MSA, PMSA or CMSA.
<b>CMSA</b>	2-digit code to identify the CMSA.
<b>POPULATION</b>	Estimated year 2000 population

## SQL SCRIPTS AND SCHEMAS

### MySQL

```
CREATE TABLE `zipcodes` (  
  `ZIP` CHAR(5) NOT NULL,  
  `City` VARCHAR(64) DEFAULT NULL,  
  `Abbreviation` VARCHAR(13) DEFAULT NULL,  
  `CountyName` VARCHAR(64) DEFAULT NULL,  
  `StateName` VARCHAR(64) DEFAULT NULL,  
  `State` CHAR(2) DEFAULT NULL,  
  `CityType` CHAR(1) DEFAULT NULL,  
  `ZipType` CHAR(1) DEFAULT NULL,  
  `CSA` CHAR(3) DEFAULT NULL,  
  `CBSA` CHAR(5) DEFAULT NULL,  
  `CBSA_DIVISION` CHAR(5) DEFAULT NULL,  
  `CBSA_STATUS` CHAR(1) DEFAULT NULL,  
  `NECMA` CHAR(4) DEFAULT NULL,  
  `Combined Necta` CHAR(3) DEFAULT NULL,  
  `NECTA` CHAR(5) DEFAULT NULL,  
  `NECTA Division` CHAR(5) DEFAULT NULL,  
  `MSA` CHAR(4) DEFAULT NULL,  
  `PMSA` CHAR(4) 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,  
  `CustomerServiceArea` CHAR(1) DEFAULT NULL,  
  `CustomerServiceAreaName` VARCHAR(64) DEFAULT NULL,  
  `CustomerServiceDistrict` CHAR(3) DEFAULT NULL,  
  `CustomerServiceDistrictName` VARCHAR(64) DEFAULT NULL,  
  PRIMARY KEY (`ZIP`));  
  
CREATE TABLE `us_alternate` (  
  `ZipCode` CHAR(5) NOT NULL,  
  `ZipType` CHAR(1) DEFAULT NULL,  
  `CityType` CHAR(1) DEFAULT NULL,  
  `City` VARCHAR(64) DEFAULT NULL,  
  `State` CHAR(2) DEFAULT NULL,  
  KEY (`ZipCode`));
```



```
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`));  
  
CREATE TABLE `cbsa` (  
  `CSA` CHAR(3) DEFAULT NULL,  
  `CBSA` CHAR(5) NOT NULL,  
  `CBSA_Division` CHAR(5) DEFAULT NULL,  
  `CSA_Title` VARCHAR(128) DEFAULT NULL,  
  `CBSA_Title` VARCHAR(128) DEFAULT NULL,  
  `CBSA_Division_Title` VARCHAR(128) DEFAULT NULL,  
  `CBSA_Level` VARCHAR(128) DEFAULT NULL,  
  KEY (`CBSA`));  
  
CREATE TABLE `msa` (  
  `MSA` CHAR(4) NOT NULL,  
  `PMSA` CHAR(4) DEFAULT NULL,  
  `ALT_CMSA` CHAR(2) DEFAULT NULL,  
  `AREA_NAME` VARCHAR(128) DEFAULT NULL,  
  `STATE` VARCHAR(28) DEFAULT NULL,  
  `AREA_TYPE` VARCHAR(10) DEFAULT NULL,  
  PRIMARY KEY (`MSA`));
```

## 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
BCS	BAJA CALIFORNIA SUR	NL	NUEVO LEON

<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

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