

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: April 18, 2015

Published by:

**Quentin Sager Consulting, Inc.**  
**6101 W Green Acres St**  
**Homosassa, FL 34446**

Copyright © 2015 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>                      | Time zone the ZIP Code is located in specified as a Universal Time Coordinate offset   |
| <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>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   |

**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` VARCHAR(28) 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,  
  `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`));  
  
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       |