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# ZIP Code Congressional Districts

## Product Documentation

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### Introduction:

The ZIP Code Congressional Districts product (ZCD) maps a 5-digit ZIP Code to one or more Congressional Districts. About 15% of ZIP Codes have more than one district.

Our source data is over 45 million address records from the USPS, but in the case of new districts being drawn every 10 years, or because of legal challenges, we use mapping software to assign the correct new district, since the USPS can take many months before assigning the new district properly. Also, not every ZIP Code has a district assigned to it by the USPS, so we've assigned them using these methods as well.

### Data Files:

There are three main data files (note: the demo versions will have 'demo' instead of 'full' in the name):

- **reps-full.csv** has the names of each rep in their district which includes:
  - **State Abbreviation** (standard USPS abbreviation).
  - **District Number**. This is a 2-digit number. California has the largest amount of districts (currently 52). Note: This will be '98' in the cases of U.S. territories such as Guam and the U.S. Virgin Islands which have congressional delegates, but not true representatives. Also, if there is only one district for a state (due to low population), the district will be '99'.
  - **First Name** (may include middle initials).
  - **Last Name** (may include a suffix such as 'Jr.').
  - **Nick Name**.
  - **Vacancy Flag** (if the seat is vacant, it will have a 'Y', otherwise it will be 'N').
- **reps-detailed-full.csv** has all of the above information, plus we added the Party (D-Democrat, R-Republican, L-Libertarian, I-Independent), Committees and contact info for the representative.
- **senators-full.csv** is a list of the U.S. senators with State, First/Last Name, Party, Phone, Website, Email, Address, Election Cycle (1/3<sup>rd</sup> of senators get elected every 2 years), Committee Assignments.
- **districts-full.csv** has the ZIP Codes with their corresponding districts. The fields are:
  - **ZIP Code**.
  - **Sequence Number** (this will be one for the primary district, 2 for the secondary, etc.).

- **State Abbreviation** (standard USPS abbreviation).
  - **Primary City** for this ZIP Code.
  - **Primary County** for this ZIP Code.
  - **District Number**. This is a 2-digit number. See above for details.
  - **Approximate Percentage** (based on the number of address ranges that we can find for this ZIP/District combination). Note: for ZIPs that didn't have any USPS source data, we've had to estimate the percentage.
- **districts-full.xlsx** is an Excel version of the districts-full.csv file. It is in a table format that allows you to pick and choose which types of data you want to view. For instance, you can click on the down-arrow next to the State column label and check only the states that you want to see:

	A	B	C	D	E	F	G
1	ZIPCode	Sequence	State	PrimaryCity	PrimaryCounty	District	ApproxPct
				Holtsville	Suffolk	1	100
				Holtsville	Suffolk	1	100
				Adjuntas	Adjuntas	98	100
				Aguada	Aguada	98	100
				Aguadilla	Aguadilla	98	100
				Aguadilla	Aguadilla	98	100
				Aguadilla	Aguadilla	98	100
				Maricao	Maricao	98	100
				Anasco	Anasco	98	100
				Angeles	Utuaado	98	100
				Arecibo	Arecibo	98	100
				Arecibo	Arecibo	98	100
				Arecibo	Arecibo	98	100

- You can then click on the down-arrow next to the District column label and select individual districts, if you prefer. You'll then have a list of just the ZIP Codes found within that State/District(s) combination.
- **CongressionalDistrictDemographics-Age.xlsx** has the latest population estimates per district, with many age/gender groupings. Note: the demo product has a limited version of this file.
- **CongressionalDistrictDemographics-Race.xlsx** has the latest population estimates per district, with some race groupings. Note: the demo product has a limited version of this file.

*We hope that you enjoy using this data and appreciate the extra effort that we've put into creating it. Let us know if there are additional data fields which you would like to have.*

... when only **great** data will do!