

# Population data Postal/Zip codes



# Table of contents

<b>Introduction</b>	<b>2</b>
<b>Population Data - Postal</b>	<b>5</b>
Variants	5
Data Design - Closest year	6
Sample data	7
Data Design - All years	8
Sample data	10
File formats	11
<b>GeoPostcodes Customer Portal</b>	<b>12</b>
Accessing your licensed products	13
Using the Data Explorer	14
Using the Map Explorer	15
Getting answers to your questions	16
<b>Integration assistance and Support</b>	<b>17</b>

# Introduction

GeoPostcodes is a Belgium-based company specializing in postal data sets.

With over 15 years of experience in the collection, treatment, and enrichment of postal information at a worldwide scale, we pride ourselves in offering the most accurate and stable data on the market.

Our products include datasets about administrative regions, ZIP/postal codes, localities, streets, and postal boundaries. Each product is the result of a careful data analysis, curation and data quality improvement process combining a multitude of sources using proprietary GeoPostcodes data processing and GIS tools.

Our files are fully geocoded and provided in a plain and simple, consistent format, easily importable in any DBMS or geographic information systems (GIS).

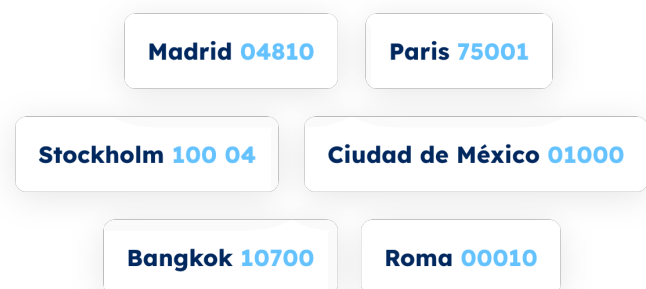
We aim to help our customers achieve their goals by providing them with the most accurate and up-to-date data about the world.

GeoPostcodes currently develops and maintains 5 products:

- a postal database;
- an address database;
- a postal boundaries database;
- an administrative boundaries database
- a population database.

## Postal database

Our postal database includes **all relevant postal information at the town, village, neighborhood, and suburb level**. For every country in the world, it contains the administrative divisions, the localities, and their related ZIP/postal codes, as well as



geocodes to link the data with other data sources.

Typical use cases leveraging the postal database are **ERP integration for services and logistics (including shipping distance estimation) and master data management**. It can also be used to validate forms, create regional reports, etc.

## Address database

Our address database includes the postal database and extends it with street and house number information. It contains all administrative divisions, localities, streets, and related ZIP/postal codes of a country, as well as geocodes to link the data with other data sources.



The address database is relevant for the same use cases as the postal database (ERP integration, master data management, address validation), with an extra layer of streets and, consequently, more precise information (streets, house numbers) and coordinates.

## Postal and Administrative Boundaries databases

The Postal and Administrative Boundaries databases provide the areas covered, respectively, by postal codes and administrative divisions. They are delivered as vector postal boundaries, coming from a topological model that ensures adjacent polygons perfectly match together (boundaries are shared).

The postal or administrative boundaries database is the product you need if you want to display your own data on a map (e.g., sales figures per postal code or administrative division) or assign events to their area (postal code or administrative division) from their coordinates (e.g., geofencing).

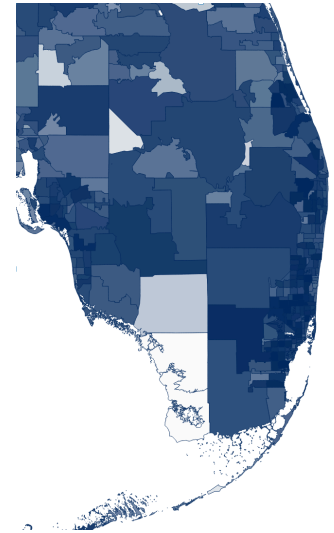


## Population database

The Population database includes the population trends for administrative divisions and postal/zip code areas. Each entity (administrative division or postal code) gives the current number of residing people, past figures, and future projections.

With the population database, you can now identify unused market potential, map ad campaigns, and perform internal reporting based on audience distribution.

The data covers a span of 50 years and extends to all 247 countries. It's completely standardized across countries, pre-aggregated, and ready to use. It can be integrated into your software of choice and is compatible with our boundaries database for in-depth area mapping.



# Population Data - Postal

Our population dataset leverages data with global coverage to assign the total number of people (population) living in each postal area. The data gives temporal insight into population trends across the past, present, and future, from 1975 to 2030 with 5-year intervals.

## Variants

Two variants of the datasets can be licensed:

- 1 Year: Population for the closest available year
- All Years: Includes population estimates for all available years, i.e. from 1975 to 2030 with 5-year intervals.

## Data Design - Closest year

The data is delivered as a csv file (semicolon separator), with the following fields:

Field name	Field type	Description	Comments
iso	Char(2)	ISO 3166-1 Country code	The ISO 3166-1 standard is published by the International Organization for Standardization (ISO) and defines a unique code for the name of each country. The <a href="#">country codes</a> are represented as a two-letter code (alpha-2).
postcode	Char(15)	ZIP / Postal code	The <a href="#">postcode structure</a> varies for each country. p
pop	Integer	Population living in the postcode area	The year taken is the closest available to the current year.

## Sample data

<small>ASC</small> iso	<small>ASC</small> postcode	<small>123</small> pop
AD	AD100	9,346
AD	AD200	15,057
AD	AD300	6,585
AD	AD400	10,955
AD	AD500	18,650
AD	AD600	6,253
AD	AD700	13,798



## Data Design - All years

The data is delivered as a csv file (semicolon separator), with the following fields:

Field name	Field type	Description	Comments
iso	Char(2)	ISO 3166-1 Country code	The ISO 3166-1 standard is published by the International Organization for Standardization (ISO) and defines a unique code for the name of each country. The <a href="#">country codes</a> are represented as a two-letter code (alpha-2).
postcode	Char(15)	ZIP / Postal code	The <a href="#">postcode structure</a> varies for each country.
pop1975	Integer	Population living in the postcode area, in 1975	
pop1980	Integer	Population living in the postcode area, in 1980	

pop1985	Integer	Population living in the postcode area, in 1985	
pop1990	Integer	Population living in the postcode area, in 1990	
pop1995	Integer	Population living in the postcode area, in 1995	
pop2000	Integer	Population living in the postcode area, in 2000	
pop2005	Integer	Population living in the postcode area, in 2005	
pop2010	Integer	Population living in the postcode area, in 2010	

pop2015	Integer	Population living in the postcode area, in 2015	
pop2020	Integer	Population living in the postcode area, in 2020	
pop2025	Integer	Population living in the postcode area, in 2025	
pop2030	Integer	Population living in the postcode area, in 2030	

## Sample data

iso	postcode	pop1975	pop1980	pop1985	pop1990	pop1995	pop2000	pop2005	pop2010	pop2015	pop2020	pop2025	pop2030
AD	AD100	265	415	650	1,074	1,733	2,390	4,024	4,420	5,600	7,450	9,346	11,294
AD	AD200	3,516	4,538	5,821	7,788	10,326	11,534	15,290	13,287	13,438	14,368	15,057	15,148
AD	AD300	352	515	757	1,169	1,798	2,347	3,683	3,762	4,447	5,523	6,585	7,487
AD	AD400	1,396	1,910	2,606	3,722	5,245	6,250	8,906	8,287	8,921	10,106	10,955	11,491
AD	AD500	10,582	14,009	16,842	18,849	19,549	19,491	19,360	18,582	17,856	18,928	18,650	17,662
AD	AD600	2,419	3,021	3,748	4,842	5,966	6,221	7,922	6,590	6,352	6,508	6,253	5,955
AD	AD700	9,132	11,223	13,408	16,150	18,340	17,899	20,682	16,641	15,187	14,880	13,798	12,560

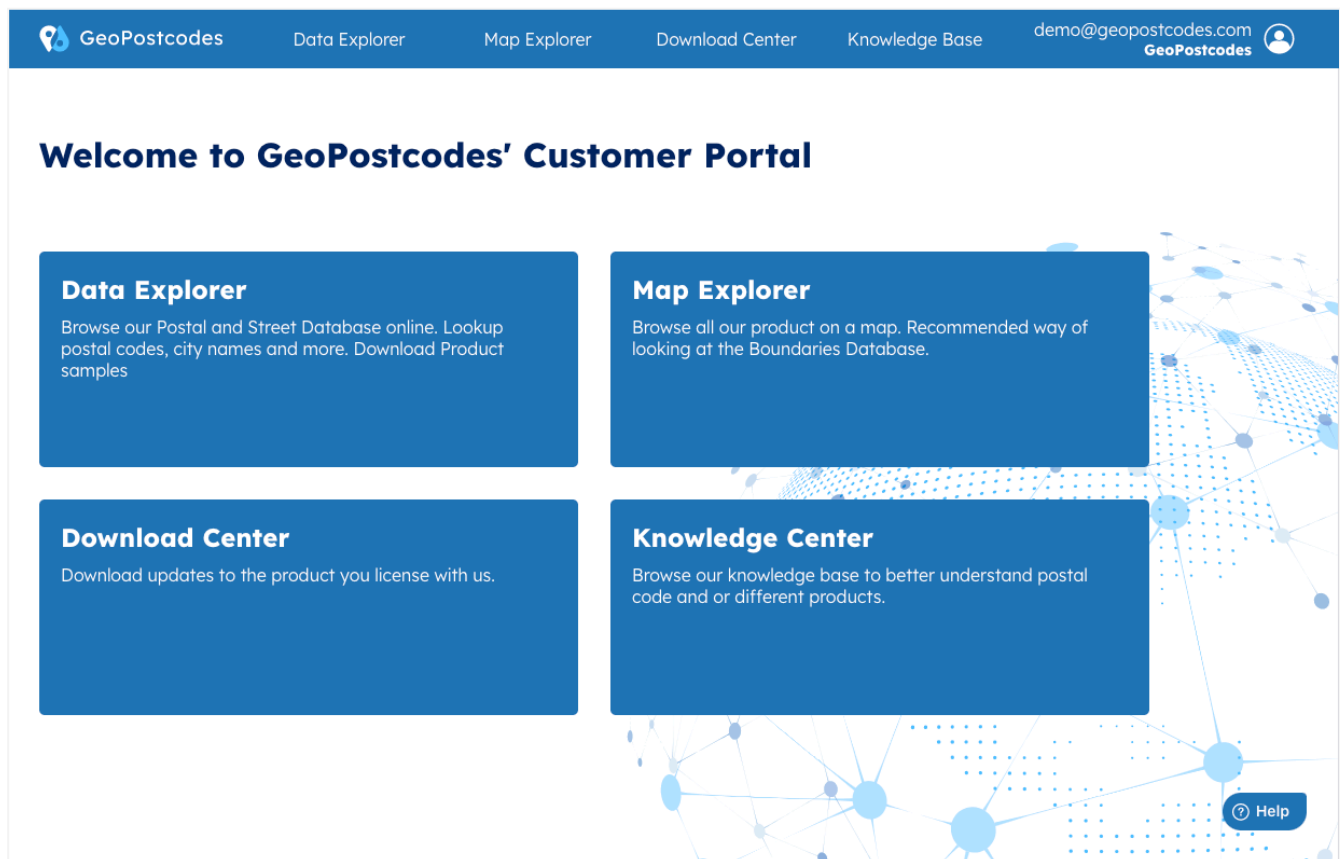
## File formats

Our population database is available in the following formats:


Format	Description
CSV	CSV (Comma-separated values) is a delimited text format broadly used for exchanging data as it can be imported/exported by most data management software. Our files use semicolons as separators.
ASC	Normalized ASCII version in CSV format where all accents and diacritics have been removed.

# GeoPostcodes Customer Portal

As a GeoPostcodes customer you'll have access to our Customer Portal at <https://portal.geopostcodes.com>.



The screenshot shows the GeoPostcodes Customer Portal interface. At the top is a dark blue navigation bar with the following items: the GeoPostcodes logo, 'Data Explorer', 'Map Explorer', 'Download Center', 'Knowledge Base', the email 'demo@geopostcodes.com', and a user profile icon. Below the navigation bar is a white main content area with the heading 'Welcome to GeoPostcodes' Customer Portal'. There are four blue rectangular cards arranged in a 2x2 grid. Each card has a title and a short description. To the right of the cards is a decorative graphic of a network of blue dots and lines. In the bottom right corner of the main content area, there is a small blue button with a question mark icon and the text 'Help'.

**GeoPostcodes** Data Explorer Map Explorer Download Center Knowledge Base demo@geopostcodes.com 


## Welcome to GeoPostcodes' Customer Portal

**Data Explorer**  
Browse our Postal and Street Database online. Lookup postal codes, city names and more. Download Product samples

**Map Explorer**  
Browse all our product on a map. Recommended way of looking at the Boundaries Database.

**Download Center**  
Download updates to the product you license with us.

**Knowledge Center**  
Browse our knowledge base to better understand postal code and or different products.

 Help

# Accessing your licensed products

## Through the Download Center

The Download Center gathers all the files that you have licensed with us. It shows which files were updated when and highlights the files for which you don't have the latest version yet. You can select the format you want to download.

GeoPostcodes				
	Data Explorer	Map Explorer	Download Center	Knowledge Base
<b>Download Center</b>				
My Drive				
<b>Products</b>		Last Updated	Last Downloaded	
Boundaries database		22nd Jun 2021	22nd Jun 2021	
Postal database		22nd Jun 2021	<b>21st Jun 2021</b>	
Street database		22nd Jun 2021	<b>21st Jun 2021</b>	
<b>Samples</b>		Last Updated	Last Downloaded	
Postal database		22nd Jun 2021	<b>21st Jun 2021</b>	
<b>Other files</b>		Last Updated	Last Downloaded	
Countries information		22nd Jun 2021	<b>21st Jun 2021</b>	
Geocodes		22nd Jun 2021	-	
Languages		22nd Jun 2021	-	
Timezones		22nd Jun 2021	<b>21st Jun 2021</b>	

## Through our download API

Files can also be pulled from our download api using the same credentials as the ones used for the Customer Portal. The API and documentation are accessible on

<https://download.geopostcodes.com/>

# Using the Data Explorer

The Data Explorer allows you to browse the latest version of our Postal and Street Database in an intuitive table layout. You can drill down from the top (country level) all the way to a city, postal code or street. Alternatively, you can search directly for a specific piece of data.

**Data Explorer Finland**

[Index](#) > Suomi

View samples: [Postal Dataset](#) | [Street+](#)

Search by postcode, locality or region **FI**

Suomi | Svenska

Aluehallintovirasto / Regional state agencies	Places
<a href="#">Etelä-Suomen (5)</a>	876
<a href="#">Itä-Suomen (3)</a>	541
<a href="#">Länsi- ja Sisä-Suomi (5)</a>	784
<a href="#">Lapin (1)</a>	279
<a href="#">Lounais-Suomen (2)</a>	333
<a href="#">Pohjois-Suomen (2)</a>	290
<b>3103</b>	
Ahvenanmaan maakunta / Autonomous region	Places
<a href="#">Ahvenanmaa</a>	32
<b>32</b>	

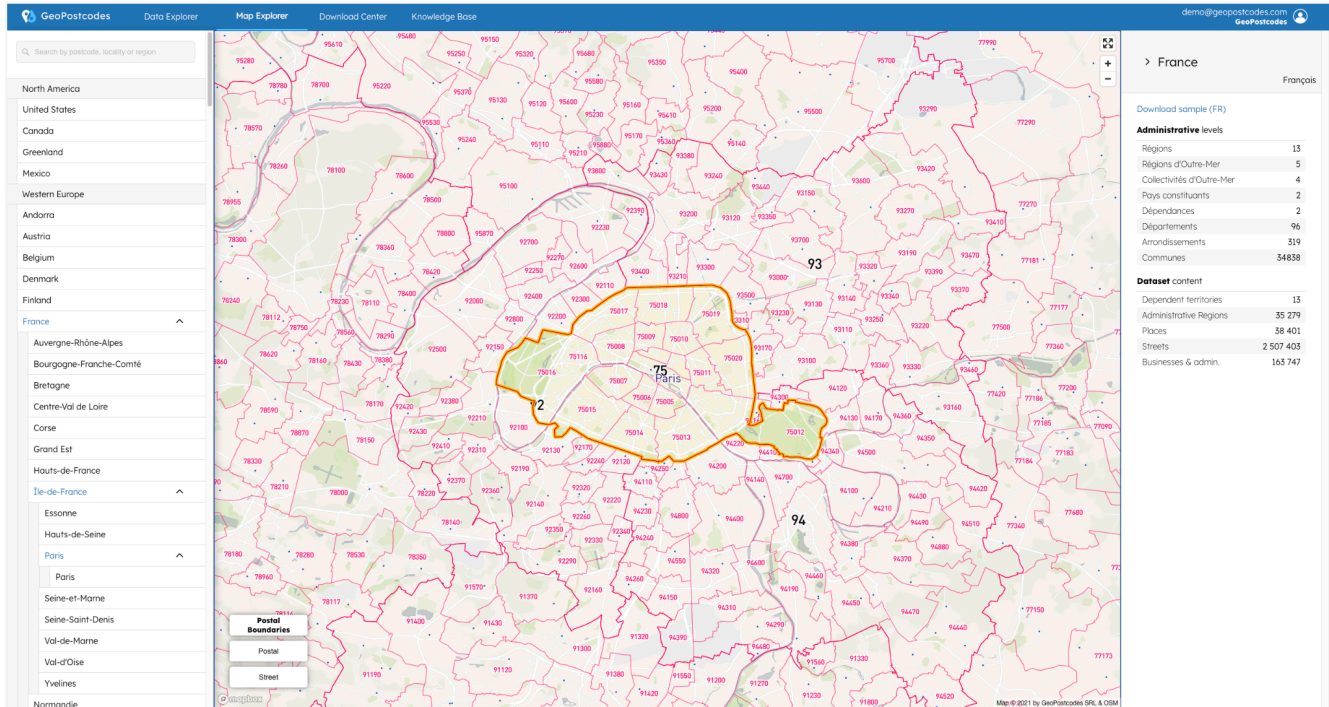
Administrative levels	
1. <a href="#">Aluehallintovirasto</a>	6
<a href="#">Ahvenanmaan maakunta</a>	1
2. <a href="#">Maakunnat</a>	18
3. <a href="#">Seutukunnat</a>	67
4. <a href="#">Kunta</a>	295

Dataset content	
Administrative Regions	387
Places	3 116
Streets	339 767
Businesses & admin.	1 712
Zips	2 353

[Help](#)

# Using the Map Explorer

The Map Explorer is a lightweight GIS viewer allowing you to quickly investigate geographic relationships between regions, postal areas and cities. It is the perfect tool to visualize our Postal Boundaries products.





# Getting answers to your questions

Integrating postal codes on a worldwide scale often turns out to be more complex than many customers initially thought. And while we are always available to help solve tricky questions, we also make an extensive knowledge base available to support your teams in their integration efforts. It covers everything you need to know about our products as well as general information about countries and postal code systems.

## Data properties

### Are the IDs stable?

The sort answer is no: the IDs are not guaranteed to be stable from one version of the file to...

### ASCII Transliteration tables

AZ: Azerbaijani (Azərbaycanca) Used in the following countries: Azerbaijan Uppercase Lowercase UTF-8 ASCII UTF-8 ASCII ' ' Ç C ç c Đ...

### Can I get the data in latin characters?

Some countries use a non-latin character like Russia (Cyrillic) or Japan (katakana, kanji). In our datasets, a latin alternative is always available...

### Can I get the names of the towns in several different languages?

Our dataset only covers a country's official languages. Translations (or rather exonyms) don't exist for all the data in all the...

### Countries using micro-postcodes systems

Although postal codes globally serve the same purpose of sorting mail by distinguishing areas, they have been introduced and have...

### Do you include points or polygons in your geographic files?

Our geographic files (Shapefiles, KML, GML and GeoJSON) include only points, no polygon. The points are the centroid point of...

# Integration assistance and Support

## Integration assistance

At GeoPostcodes we do not simply provide a dataset, we provide dedicated assistance until your project is up and running. Your onboarding starts with a kick-off call between your integration team and one of our data specialists. During that meeting we'll identify the pain points of your use-case and guide you to the best dataset formats for your situation. Our data specialist will then assist your team until your project is complete.

Our intention is to take the entire complexity of the location master data aspect of your project on our side so your team can focus on the project at hand.

## Support

If, at any point you need assistance with a data issue you can contact our support team through the customer portal.