

# Esri Demographic Data Release Notes: Spain

Release: March 2022

## Introduction

The Esri demographic dataset for Spain provides key population, and household attributes for use in a variety of applications. Release notes provide information such as the attribute list, vintage, source, and changes to the dataset. The [methodology](#) document provides additional information regarding methods and definitions. Refer to the associated csv file for a list of attributes.

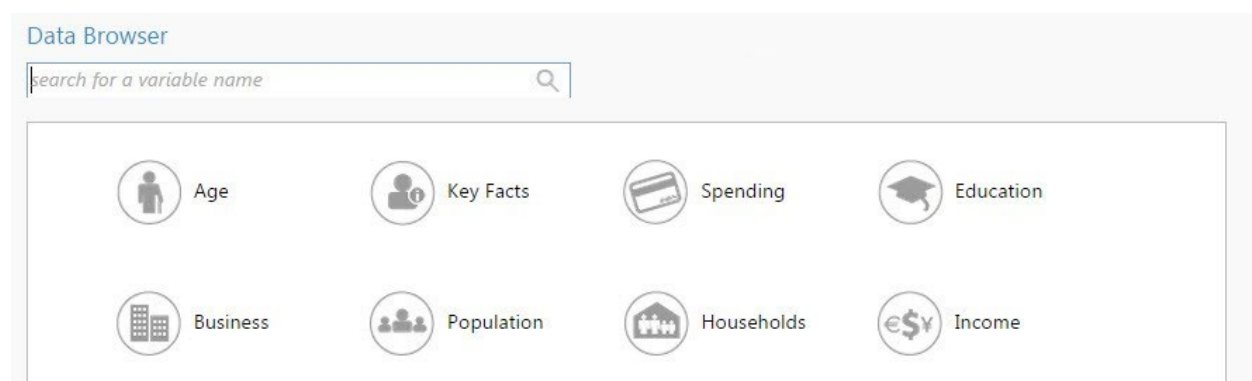
Esri demographic datasets are part of the [Living Atlas of the World](#). The Living Atlas is an incredible collection of maps and apps from around the world. It features Esri and user content, that can enhance your research and analysis. You too can contribute your maps, apps, and story maps through the [Living Atlas contributor app](#).

## Using Demographic Data

Government agencies use demographic data to provide better services to citizens. Marketers use demographic data to select store locations, target customers, and improve product mix. Utilities use demographic data to understand population changes in their service areas and to plan growth and distribution accordingly.

When you map Esri demographic layers along with your data, you can answer questions such as “who are my customers?” and “where should we open the next store?” For example, map your retail locations or offices on top of Esri demographic attributes such as population, age, and purchasing power, to understand the local community from a demographic perspective. Once you see the general pattern, Esri products such as [ArcGIS Online](#), [Business Analyst](#), and [ArcGIS Maps for Office](#), can help you find other suitable locations for new stores based on actionable criteria.

Use the [Data Browser](#) in Esri products such as [ArcGIS Online](#), [Business Analyst](#) and [ArcGIS Maps for Office](#) to easily find the attributes you want. Browse by category such as **Age**, or search by **Alias Name**, as shown below:



Map the attributes you select using the dataset’s features, or create your own custom analysis areas. Esri products calculate new attribute values and answer questions such as “How many older people live within a five minute drive of the proposed clinic?”

Continue below for additional details regarding the Spain dataset.

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## Source

Data: © Michael Bauer Research GmbH 2021 based on own compilation with data taken from the INE website: [www.ine.es](http://www.ine.es), Eurostat.

Boundaries: © Michael Bauer Research GmbH, Nuremberg, Germany, 2021. Data Source for Digital Boundaries: 2021 Michael Bauer Research GmbH based on. © own compilation with data taken from the INE website: [www.ine.es](http://www.ine.es). All sources modified and enhanced by Michael Bauer Research GmbH, utilization only with authorization.

Settlement Points: Settlement Points Vintage = Dec 2019 Nominal Spacing: 75-meters Settlement Point Type: Building Footprint derived Building Footprints provided by Dirección General del Catastro 2019 Vectors 20190730 AIS

## Dataset Information

Spain	
3 Letter ISO Country code	ESP
Currency	Euro
3 Letter Currency code	EUR
Number of attributes available	131
Number of geography levels	8

## Geographic Levels and Feature Counts

	Geography Levels Available for Spain	Geography Levels Available through ArcGIS.com Maps	Feature Count
Country	X	X	1
Autonomous Communities	X	X	19
Provinces	X	X	52
Postcodes2	X		52
Postcodes3	X		426
Municipalities	X	X	8131
Postcodes5	X		10854
Census Sections	X	X	36375

## Data Apportionment Settings

Threshold Upper Bound	Aggregation Method	Level of Geography
150 km	Block Apportion	ES.CensusSections
250 km	Centroids In Polygon	ES.CensusSections
400 km	Centroids In Polygon	ES.Postcodes5
more	Centroids In Polygon	ES.Municipalities

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## Attributes

Refer to the associated csv file for a list of attributes. The following information is included for each attribute:

<b>Variable ID</b>	Unique variable ID that consists of no more than 10 characters
<b>Alias Name</b>	Description associated with <b>Variable ID</b> .
<b>Category</b>	Shows the <a href="#">Data Browser</a> category for each attribute.
<b>Data Collection</b>	Shows the data collection within the <b>Category</b> .
<b>Field Category</b>	Shows the field category within the <b>Data Collection</b> .
<b>Long Description</b>	Long description associated with Variable ID.
<b>Year</b>	Vintage represents the year for which projections were created.

## Change Summary

### Changes to geography level names

Former geographic level name	New geographic level name	Change reason
	Postcodes3	New geography level

### New Attributes

None.

### Attributes no longer available

None.

## Change Notes

Market Data are now projections for 2021 (before: 2020). Unemployed persons are shown for 2020 (before 2019). The Purchasing Power projections for 2021 show in Europe an upward trend compared to the projections for 2020. Consumer Spending 2021 in Europe shows deviations from 2020 with shifts within categories due to the different developments in the Covid-19 pandemic. To further improve our data we have made methodological adjustments within our Households by Income Quintiles. In combination with the current situation due to the Covid-19 pandemic higher deviations may occur.