

# Portugal

Release: February 2024

## Data Source

- Release:** February 2024
- Data:** © Michael Bauer Research GmbH 2023 based on © Instituto Nacional de Estatística – Portugal, Eurostat.
- Boundaries:** © Michael Bauer Research GmbH, Nuremberg, Germany, based on © Informação geográfica cedida pela Direção-Geral do Território
- Settlement Points:** These settlement points were created using the 2023 National Moradas Base, a 2D vector database that contains addresses of Portugal by municipality. This set of data is structured according to the INSPIRE Directive and constituted from the National Housings File (FNA) of the National Institute of Statistics. More information about the data can be found here: <https://snig.dgterritorio.gov.pt/rndg/srv/por/catalog.search#/metadata/1b772914-e3e9-4663-8557-a6aef5aa596a>. The data was verified using the latest Esri imagery and Michael Bauer Research 2022 population.

## Dataset Information

Portugal	
3 Letter ISO Country code	PRT
Currency	Euro
3 Letter Currency code	EUR
Number of attributes available	125
Number of geography levels	9

## Geography Levels

Geography Levels	Geography Levels Available for Portugal	Available through ArcGIS.com Maps	Feature Count
Country	X	X	1
Postcodes1	X		9
Districts	X	X	29
Postcodes2	X		79
Municipalities	X	X	308
Postcodes4	X		507
Parishes	X	X	3092
Census Sections	X	X	10401
Census Subsections	X	X	210170

## Data Apportionment Settings

Learn about [data apportionment](#)

Threshold Upper Bound	Aggregation Method	Level of Geography
150 km	Block Apportion	PT.CensusSubsections
250 km	Centroids In Polygon	PT.CensusSubsections
400 km	Centroids In Polygon	PT.CensusSections
More	Centroids In Polygon	PT.Parishes

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## Change Summary

Changes to geography level names

None.

### New Attributes

Attribute Name	Alias Name	Category
EDUC09_CY	2023 Pop 15+/Edu: Primary Education - 2nd Cycle	Education
EDUC10_CY	2023 Pop 15+/Edu: Lower Secondary Education	Education
EDUC11_CY	2023 Pop 15+/Edu: Upper Secondary Education	Education
EDUC12_CY	2023 Pop 15+/Edu: Post Secondary Non-Tertiary Education	Education
EDUC13_CY	2023 Pop 15+/Edu: Short-Cycle Professional/Tertiary Course	Education
EDUC14_CY	2023 Pop 15+/Edu: Bachelor, Master and Doctoral	Education
MRST01_CY	2023 Marital Status: Single	Marital Status
MRST02_CY	2023 Marital Status: Married	Marital Status
MRST03_CY	2023 Marital Status: Divorced	Marital Status
MRST04_CY	2023 Marital Status: Widowed	Marital Status
MRST_BASE	2023 Marital Status Base	Marital Status

### Attributes no longer available

Attribute Name	Alias Name	Category
EDUC01_CY	2022 Pop/Edu: Without Any Level of Education	Education
EDUC02A_CY	2022 Pop/Edu: Pre-Primary Education	Education
EDUC03A_CY	2022 Pop/Edu: Basic Education - First Cycle	Education
EDUC04A_CY	2022 Pop/Edu: Basic Education - Second Cycle	Education
EDUC05A_CY	2022 Pop/Edu: Basic Education - Third Cycle	Education
EDUC06A_CY	2022 Pop/Edu: Secondary Education	Education
EDUC07A_CY	2022 Pop/Edu: Post-Secondary Education	Education

## Change Notes

Market Data are now projections for 2023 (before: 2022). Unemployed persons are shown for 2022 (before 2021). The Purchasing Power projections for 2023 show an upward trend due to inflation. Consumer Spendings 2023 shows high deviations to last years delivery due to high inflation in almost all European countries and significant volatility of the raw data of the official statistical offices in the aftermath of Covid-19 pandemic. Using new input data from the Census 2021 leads to deviations in Age and Gender. Education data is based on a new structure, a comparison is therefore not possible.

The settlement points have been updated from 2017 Esri raster-based points to a national address point dataset. This data is newer and more detailed than the previous Esri raster-based data. These settlement points are an improvement over the previous version and could result in changes to previously run values in some trade areas. Settlement points are used in the data apportionment algorithm to redistribute data variables to input polygon features.

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## Other Data Notes

Household Income is based on per-household-values of the respective Freguesias. Education is based on per-capita-values of respective Freguesias. Marital Status is based on per-capita-values of respective Freguesias. For reason of data privacy for areas with less than 10 inhabitants all given data except population and household numbers are anonymized. For these areas all variables referring to currency and at the same time population related values are based on national average, all other variables are set to 0.