

# Luxembourg

Release: February 2023

## Data source

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Data: © Michael Bauer Research GmbH 2022 based on © Statec, Eurostat.  
Boundaries: © Michael Bauer Research GmbH, Nuremberg, Germany, 2022.  
Settlement Points: These settlement points were created using November 2022 OpenStreetMap (OSM) Building Footprints. The polygons and attributes were constrained, verified and improved upon using the latest Esri imagery, Geonames point data, and Here data (Esri StreetMap Premium Layers). When necessary, Housing Unit values were distributed evenly onto multiunit residential buildings using a top down approach with the MBR Housing Unit values. Esri is a supporter of the OSM project, [www.OpenStreetMap.org](http://www.OpenStreetMap.org).

## Dataset Information

| Luxembourg                     |      |
|--------------------------------|------|
| 3 Letter ISO Country code      | LUX  |
| Currency                       | Euro |
| 3 Letter Currency code         | EUR  |
| Number of attributes available | 112  |
| Number of geography levels     | 5    |

## Geography Levels

| Geography Levels | Geography Levels Available for Luxembourg | Available through ArcGIS.com Maps | Feature Count |
|------------------|---|-----------------------------------|---------------|
| Country          | X   | X                                 | 1             |
| Postcodes1       | X   |                                   | 8             |
| Cantons          | X   | X                                 | 12            |
| Postcodes2       | X   |                                   | 55            |
| Communes         | X   | X                                 | 102           |

## Data Apportionment Settings

Learn about [data apportionment](#).

| Threshold Upper Bound | Aggregation Method   | Level of Geography |
|-----------------------|----------------------|--------------------|
| 150 km                | Block Apportion      | LU.Communes        |
| 250 km                | Centroids In Polygon | LU.Communes        |
| more                  | Centroids In Polygon | LU.Postcodes2      |

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## Change Summary

Changes to geography level names

None.

New Attributes

None.

Attributes no longer available

None.

## Change Notes

Market Data are now projections for 2022 (before: 2021). Unemployed persons are shown for 2021 (before 2020). The Purchasing Power projections for 2022 show an upward trend compared to the projections for 2021 due to high inflation and a upward revision of the purchasing power 2021. Consumer Spending in 2022 in Europe shows variations compared to 2021 with shifts within categories due to the lifting of restrictions under the Covid 19 pandemic. Using new input data from the official statistics leads to deviations in Unemployment data. The settlement points have been updated from the Esri raster-based points to OpenStreetMap (OSM) residential building footprint centroids. The OSM data uses newer input data than the Esri raster-based data and is more accurate. 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.

## Other Data Notes

Unemployed persons are based on the per capita values of the respective Communes. Households by Income are based on the per household values of the respective Communes.