# Norway

Release: February 2024

#### **Data Source**

Settlement Points:

Release: February 2024

Data: © Michael Bauer Research GmbH 2023 based on © Statistics Norway, Eurostat.

Boundaries: © Michael Bauer Research GmbH, Nuremberg, Germany, 2023. Data Source for Digital Boundaries:

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modified and enhanced by Michael Bauer Research GmbH, utilization only with authorization. These settlement points were created using November 2022 OpenStreetMap (OSM) Building

Footprints. Esri is a supporter of the OSM project, www.OpenStreetMap.org. The buildings were constrained to include only residential housing units. The buildings were verified and improved upon

using the latest Esri imagery and Geonames point data.

### Dataset Information

Norway		
3 Letter ISO Country code	NOR	
Currency	Norwegian krone	
3 Letter Currency code	NOK	
Number of attributes available	128	
Number of geography levels	8	

## Geography Levels

Geography Levels	Geography Levels Available for Norway	Available through ArcGIS.com Maps	Feature Count
Country	X	X	1
Regions	X	X	6
Postcodes1	X		10
Counties	X	X	11
Subregions	X	X	85
Postcodes2	X		97
Municipalities	X	X	356
Postcodes4	Х		3358

# **Data Apportionment Settings**

#### Learn about data apportionment

Threshold Upper Bound	Aggregation Method	Level of Geography
150 km	Block Apportion	NO.Postcodes4
250 km	Centroids In Polygon	NO.Postcodes4
more	Centroids In Polygon	NO.Municipalities

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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 2023 (before: 2022). Unemployed persons are shown for 2022 (before 2021). 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. Based on official statistics, the number of Unemployed Persons show a significant decline due to an econcomic recovery after the Covid-19 pandemic.

The updated settlement points have been constrained using current MBR boundaries. These settlement points could result in minor 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 per-capita-values of respective Kommuner. Household Income is based on per-household-values of the respective Kommuner. Household Types are based on per-household-values of the respective Kommuner. Education is based on per-capita-values of respective Kommuner. Marital Status is based on per-capita-values of respective Kommuner. 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.