

# German domestic migration 2021

**Type** Raster Dataset

**Tags** Migration, Germany, Domestic, Intranational

## Summary

This dataset is intended to be used to show internal migration flows within Germany at a state level for the year 2021.

## Description

This dataset contains the amount of incoming and outgoing people for each German state. The incoming and outgoing people are divided into the origin and destination states. Each migration stream is represented as one table entry, containing the names of the origin and destination states and the total annual amount of people. Each migration stream is also associated with geographic data comprising the origin and destination state polygons (represented as WKB) and additionally the derived centroids of the respective states (represented as lat-lon values).

## Credits

Authors:

Adian Dawuda, Felix Schachtschneider | Email: [firstname].[lastname]@plus.ac.at

Original German states data:

<https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/nuts>

Original German domestic migration data:

<https://www-genesis.destatis.de/genesis//online?operation=table&code=12711-0022>

## Use limitations

Any constraints of the original data sources apply

## Extent

There is no extent for this item.

## Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

## Topics and Keywords ►

Themes or categories of the resource Boundaries, Society, Transportation

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Other keywords Migration, Germany, Domestic, Intranational

## Citation ►

Title German domestic migration 2021

Creation date 2024-01-16

Publication date 2024-01-16

Presentation formats ⇔ digital map

## Citation Contacts ►

Responsible party - owner

Individual's name Adian Dawuda

Organization's name Z\_GIS

**Responsible party - owner**

Individual's name Felix Schachtschneider

Organization's name Z\_GIS

**Locales ►**

Locale English (UNITED STATES)

**Resource Details ►**

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Spatial representation type vector

Processing environment ⇌ Microsoft Windows 10 Version 10.0 (Build 19045) ; Esri ArcGIS 13.0.2.36056

**Credits**

Authors:

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<https://www-genesis.destatis.de/genesis//online?operation=table&code=12711-0022>**ArcGIS item properties**

Name ⇌ asdf.jpg

Location ⇌ file:///C:/Users/Adian/Desktop/PLUS/SDI/DMIG/metadata/asdf.jpg

Access protocol ⇌ Local Area Network

**Extents ►****Extent**

Description

Extent of features

**Geographic extent****Bounding rectangle**

West longitude 4.2890503

East longitude 15.6865268

South latitude 46.9861033

North latitude 55.4802784

Extent contains the resource Yes

**Extent in the item's coordinate system**

westBL ⇌ -0.500000

eastBL ⇌ 175.500000

southBL ⇌ -175.500000

northBL ⇌ 0.500000

exTypeCode ⇌ Yes

**Resource Points of Contact ►****Point of contact - owner**

Individual's name Adian Dawuda

Organization's name Z\_GIS

## Contact information ►

## Address

## Type

e-mail address [adian.dawuda@plus.ac.at](mailto:adian.dawuda@plus.ac.at)

## Point of contact - owner

Individual's name Felix Schachtschneider

Organization's name Z\_GIS

## Contact information ►

## Address

## Type

e-mail address [felix.schachtschneider@plus.ac.at](mailto:felix.schachtschneider@plus.ac.at)

## Resource Maintenance ►

## Resource maintenance

Update frequency not planned

## Resource Constraints ►

## Constraints

Limitations of use

Any constraints of the original data sources apply

## Spatial Reference ►

## Reference system identifier

Value 4326

Codespace EPSG

## Spatial Data Properties ►

## Georectified Grid ►

Number of dimensions ⇔ 2

## Axis dimensions properties - column (x-axis)

Dimension size ⇔ 176

Resolution ⇔

1.000000

## Axis dimensions properties - row (y-axis)

Dimension size ⇔ 176

Resolution ⇔

1.000000

Cell geometry ⇔ area

Point in pixel ⇔ center

Transformation parameters are available ⇔ Yes

Check points are available ⇔ No

## Corner points

Point ⇔ -0.500000 -175.500000

Point ⇔ -0.500000 0.500000

Point ⇔ 175.500000 0.500000

Point ⇔ 175.500000 -175.500000

Center point ⇔ 87.500000 -87.500000

## ArcGIS Raster Properties ►

### General Information

Pixel depth ⇔ 8

Compression type ⇔ JPEG

Number of bands ⇔ 3

Raster format ⇔ JFIF

Source type ⇔ continuous

Pixel type ⇔ unsigned integer

Has colormap ⇔ No

Has pyramids ⇔ No

## Spatial Data Content ►

### Image Description

Type of information ⇔ image

### Band information

Description ⇔ Band\_1

Number of bits per value ⇔ 8

### Band information

Description ⇔ Band\_2

Number of bits per value ⇔ 8

### Band information

Description ⇔ Band\_3

Number of bits per value ⇔ 8

## Data Quality ►

### Scope of quality information ►

Resource level dataset

## Lineage ►

Lineage statement

Original German states data:

<https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/nuts>

Original German domestic migration data:

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## Distribution ►

Distribution format

Name ⇔ Raster Dataset

## Metadata Details ►

Metadata language English (UNITED STATES)

Metadata character set   utf8 - 8 bit UCS Transfer Format

Scope of the data described by the metadata   dataset  
Scope name   dataset

Last update   ⇔ 2024-01-20

ArcGIS metadata properties

Metadata format   ArcGIS 1.0  
Standard or profile used to edit metadata   ISO19139

Created in ArcGIS for the item   2024-01-20   22:13:48  
Last modified in ArcGIS for the item   2024-01-20   23:00:48

Automatic updates  
Have been performed   Yes  
Last update   2024-01-20   22:13:48

Metadata Contacts ►

Metadata contact - owner  
Individual's name   Adian Dawuda  
Organization's name   Z\_GIS

Metadata contact - owner  
Individual's name   Felix Schachtschneider  
Organization's name   Z\_GIS

Metadata Maintenance ►

Maintenance  
Update frequency   not planned