**Bundesamt für**
**Kartographie und Geodäsie**

# Documentation

## Overview of vehicle number plates 1:250,000

## KFZ250
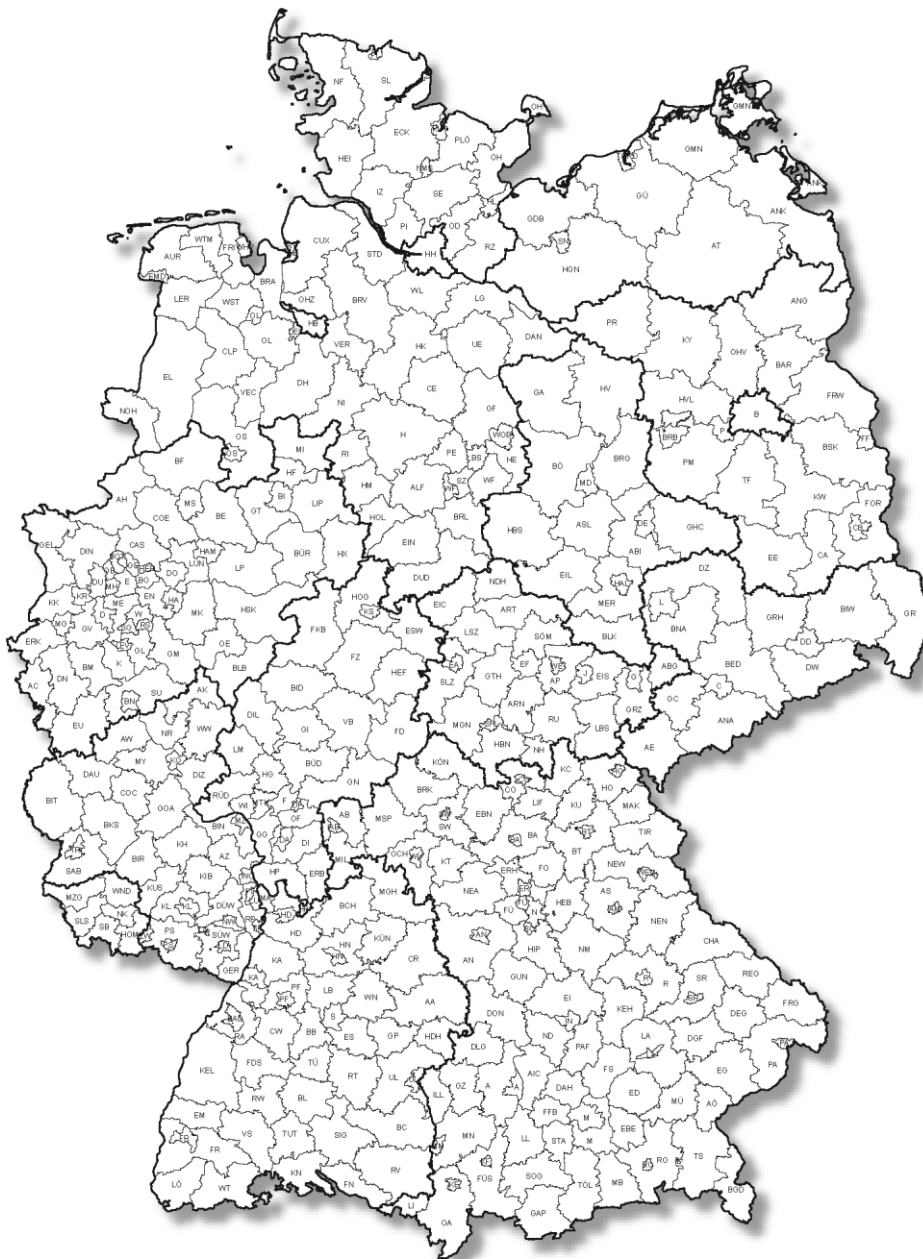


**Product as of November 2019**

# Contents

# 1 Dataset overview

| | |
|---|---|
| **Product:** | KFZ250 |
| **Contents:** | The overview of the vehicle number plates contains the object types AX_KreisRegion and AX_Gemeinde with the geographical names and the vehicle number plates. The selection of objects is based on the map scale 1:250,000. |
| **Area:** | Federal Republic of Germany |
| **Spatial structure:** | Complete file Germany |
| **Georeferencing:** | <ul><li>Gauss-Krueger system in the 3$^{rd}$ zone, Bessel Ellipsoid, Potsdam Datum (Central Point Rauenberg), (EPSG 31467)</li><li>UTM projection in zone 32, Ellipsoid GRS80, Datum ETRS89, (EPSG 25832)</li><li>Geographical coordinates in decimal degrees, Ellipsoid GRS80, Datum ETRS89, (EPSG 4258)</li></ul> |
| **Currentness:** | Annual update<br>see www.bkg.bund.de unter der Rubrik „Produkte und Services" in der Beschreibung zu diesem Produkt |
| **Resolution:** | 100 m Gauss-Krueger, or UTM, 1" geographical coordinates |
| **Data formats:** | SHAPE format (character encoding UNICODE in UTF-8), CSV format (character encoding UNICODE in UTF-8) |
| **Data supply*:** | <ul><li>Dataset via download</li><li>Online service via WMS or WFS</li></ul> |
| **Historical data:** | Since 09/2018 |
| **Data volume:** | SHAPE format   9 MB<br>CSV format     71 KB |
| **Data originator:** | Federal Motor Transport Authority |

\* Please note that not all georeferencing and data formats can be made available via every form of provision. If you have any questions, please contact the Service Centre (DLZ).

## 2 Description of the dataset and the online services

### 2.1 General

The overview of the vehicle number plates contains the feature types AX_KreisRegion and AX_Gemeinde with attributes about:

- Name
- Regional key of the administrative areas
- Vehicle number plates (Federal Motor Transport Authority)
- Position (geometry data from the administrative areas in the scale 1:250.000 and additionally attributive geographical coordinates - GGMMSS -)

The dataset is based on the scale 1:250 000 and comprises 410 entries. The position of the objects is described as surface geometry and as point geometry (using attributes).

There are a few vehicle number plates that are only administered by municipalities. Only the relevant municipalities are shown.

### 2.2 Description of the attributes of the dataset

| Attribute name | Meaning |
| --- | --- |
| DEBKGID | DLM250 Identifier |
| NNID | National name identifier |
| NAME | Name of the geographical object (official name of the LANGUAGE ‚GERMAN') |
| RS | Regional key |
| OBA | Name of the ATKIS feature type |
| KFZ | Vehicle number plates (for multiples separated by blanks) |
| GEOLA | Longitude (degrees, minutes, seconds (GGMMSS)) |
| GEOBR | Latitude (degrees, minutes, seconds (GGMMSS)) |
| GKRE | Gauss-Krueger easting (m; see point 1 "georeferencing" for details) |
| GKHO | Gauss-Krueger northing (m; see point 1 "georeferencing" for details) |
| UTMRE | UTM easting (m; see point 1 "georeferencing" for details) |
| UTMHO | UTM northing (m; see point 1 "georeferencing" for details) |

### 2.2.1 General notes on interpretation

RS: The regional key (RS) is a 12-digit statistical key as used by the statistical offices. The key number is hierarchically structured and reflects the existing administrative levels in the Federal Republic of Germany. The RS indicates the allocation of the districts

to the federal state (1st and 2nd digit),
to the administrative district (3rd digit) and
to the district (4th and 5th digit),
to the administrative association (6th to 9th digit) and
to the community (10th to 12th digit).

Position: The "position of the objects" is indicated by geographical coordinates (longitude and latitude), by national coordinates in the Gauss-Krueger system (easting, northing) and by UTM coordinates (easting, northing). The coordinate indicates a randomly selected point in the central area of the object.

Vehicles: An administrative area can be responsible for several vehicle number plates. These are separated by spaces in the attribute. The main number plate is listed first, then the other number plates are added in alphabetical order.

# 3 Data supply

The product can be obtained free of charge from our website www.geodatenzentrum.de under the heading „Open Data".

### 3.1.1 Download

The dataset is provided as a download in various georeferencing formats.

### 3.1.2 Online services

The DLZ provides a standardized Web Map Service (wms_kfz250) and a Web Feature Service (wfs_kfz250) for the product according to the specifications of the Open Geospatial Consortium (OGC).

# 4 Terms of use and references

The spatial data offered here are available for download and online use free of charge via spatial data services in accordance with the Open Data Datenlizenz Deutschland Germany - Namensnennung - Version 2. 0.

In particular, each user must make the source note for all spatial data, metadata and spatial data services recognizable and place it in an optical context. Changes, adaptations, new designs or other modifications must be accompanied by a change notice in the source note.

Source reference and change notice must be presented as follows. With the representation on a website the source reference must be linked with the URL "http://www.bkg.bund.de".

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# 5 Contact

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