



## Documentation

Overview of vehicle number plates 1:250,000

KFZ250



Product of November 2022

## Contents

<b>1</b>	<b>Dataset overview</b>	<b>3</b>
<b>2</b>	<b>Description of the dataset and the online services</b>	<b>4</b>
2.1.1	General	4
2.1.2	Description of the attributes of the dataset	4
2.1.3	General notes on interpretation	4
<b>3</b>	<b>Data supply</b>	<b>5</b>
3.1.1	Download	5
3.1.2	Online services	5
<b>4</b>	<b>Terms of use and references</b>	<b>5</b>
<b>5</b>	<b>Contact</b>	<b>6</b>

## 1 Dataset overview

<b>Product:</b>	KFZ250
<b>Contents:</b>	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.
<b>Area:</b>	Federal Republic of Germany
<b>Spatial structure:</b>	Complete file Germany
<b>Georeferencing:</b>	<ul style="list-style-type: none"><li>▪ Gauss-Krueger system in the 3<sup>rd</sup> 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>
<b>Currentness:</b>	Currentness of source data: <ul style="list-style-type: none"><li>▪ Vehicle number plates 11.01.2022</li><li>▪ GN250 31.12.2021</li><li>▪ VG250 31.12.2021</li></ul>
<b>Resolution:</b>	100 m Gauss-Krueger, or UTM, 1" geographical coordinates
<b>Data formats:</b>	SHAPE format (character encoding UNICODE in UTF-8), CSV format (character encoding UNICODE in UTF-8)
<b>Modification against last Dataset:</b>	none
<b>Data supply*:</b>	<ul style="list-style-type: none"><li>▪ Dataset via download</li><li>▪ Online service via WMS or WFS</li></ul>
<b>Historical data:</b>	Since 09/2018
<b>Data volume:</b>	SHAPE format 9 MB CSV format 71 KB
<b>Data originator:</b>	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
- Official 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 408 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
DEBKID	DLM250 Identifier
NNID	National name identifier
NAME	Name of the geographical object (official name of the LANGUAGE ,GERMAN')
ARS	official 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

ARS: The official regional key (ARS) 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 ARS indicates the allocation of the districts

- to the federal state (1<sup>st</sup> and 2<sup>nd</sup> digit),
- to the administrative district (3<sup>rd</sup> digit) and
- to the district (4<sup>th</sup> and 5<sup>th</sup> digit),
- to the administrative association (6<sup>th</sup> to 9<sup>th</sup> digit) and
- to the community (10<sup>th</sup> to 12<sup>th</sup> 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](http://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>".

© Bundesamt für Kartographie und Geodäsie <year>, data sources: Federal Motor Transport Authority

## **5 Contact**

Federal Agency for Cartography and Geodesy  
Section GDL2 | Service centre (DLZ) | Central Office for Geotopography (ZSGT)

Karl-Rothe-Straße 10-14  
D-04105 Leipzig

Phone: +49(0)341 5634-333  
Fax: +49(0)341 5634-415  
E-Mail: [dlz@bkg.bund.de](mailto:dlz@bkg.bund.de)

Further information and services can be found on our homepage [www.bkg.bund.de](http://www.bkg.bund.de) under the heading „Products & Services“.