PTV GROUP

PTV Ortsdatei EN
Location Files Europe, Germany, Germany Extra

Release R2023_V1.0

Contents

1   Introduction

Location files are point files containing geographic coordinates of a large number of locations. They are used, for example, when geocoding is to be performed via the place name or when map labelling is involved.

For Germany, DDS offers the two location files Germany and Germany Extra, which are identical in structure but differ in the number of locations included. The exact figures are stated in section 2. The Europe location file contains data records for 47 different countries. Each country can be purchased separately on request.

Some of the location files also contain the postcode. This postcode is always the delivery-related postcode and not the large customer postcode, the PO box or the collective postcode.

The data record is updated once a year by DDS. In version R2012_V1.0, the border crossings and ports were included for the first time in the Germany Extra and Europe databases. This establishes conformity with the location data of the "EWS - Entfernungswerk Strasse" DDS product, which has included border crossings and ports for many years.

The data is based on as exact and reliable information as possible. However, data gaps or errors cannot be ruled out.

2   General Information on the data record

Product name:	Location file Europe
	Location file Germany
	Location file Germany Extra
Content of the data record:	The location files contain identification, postcode (if available), name of the main location, additional location name, population in 15 classes, administration number (if available) as well as the centre coordinates per data record.
Coverage:	Location file Europe: 47 countries
	(see table attached)
	Location file Germany: Germany
	Location file Germany Extra: Germany
Subset possible:	yes
Dimension/Accuracy:	/
Source:	PTV Planung Transport Verkehr GmbH, Karlsruhe; Deutsche Post AG and other European post offices; European federal statistical offices; Kantynent Corp., Minsk
Data type:	Location Data
Geometry type:	Points
Number of data records:	Location file Europe: 579,288 locations
	Location file Germany: 61,931 locations
	Location file Germany Extra: 116,370 locations
Status of the data:	2022
Release:	R2023_V1.0
Standard data format:	MapInfo (TAB, Extended TAB, MIF/MID), ESRI Shape
Standard coordinate system:	Longitude/latitude (WGS 84)
Language:	German
File size:	Location file Europe: approx. 210 MB (TAB-format)
	Location file Germany: approx. 22 MB (TAB-format)
	Location file Germany Extra: approx. 42 MB (TAB-format)
Update interval:	Once a year

2.1   Important changes in the releases

Changes in release R2023_V1.0

Current information from the postal and statistical offices of Germany, Austria and Switzerland in the period from Q3/2021 to Q3/2022 was taken into account in the location file. In Portugal, a holistic revision of the existing locations with regard to location and postal code as well as a densification was carried out - with the result that over 1700 new locations were added.

3 Content and field description

Location file	File name	Character style
Europe	eu_ort23w.*	Different character styles, colour-coded according to meaning
Germany	d_ort23w.*	Different character styles, colour-coded according to meaning
Germany Extra	dx_ort23w.*	Different character styles, colour-coded according to meaning

Column name	Explanation	Data type	Index (only MapInfo)
Country	Country code, abbreviations (see attached table)	Char (3)	
Name1	Official postal name	Char (50)	Yes
Name2	Additional location name This can be, for example, a suburb, a district, a city district or an archive name. However, it can also be the name of the municipality if it is not the same as the official postal name (name 1).	Char (50)	Yes
ZIP	Postcodes Not available for every country and every place. In Germany the 5-digit postcode is stated. Border crossings have the country code of the neighbouring country entered as the postcode, with a minus sign in front (e.g. -F or -CH). Ports have the postcode -PORT. This characteristic is only available in Europe and Germany Extra.	Char (7)	
Stat_nr	Administration number Not available for every country and every place. In Germany the 8-digit municipality code is stated. 1st to 2nd position: State 1st to 3rd position: Administrative region 1st to 5th position: District 1st to 8th position: Municipality	Char (8)	
Ortsgr_kl	Location size class The location size class does not refer to the actual population, but to the relative importance of a location or city. The classes and corresponding population data is: 0 = unknown 1 = to 99 2 = 100 to 199 3 = 200 to 499 4 = 500 to 999 5 = 1,000 to 1,999 6 = 2,000 to 2,999 7 = 3,000 to 4,999 8 = 5,000 to 9,999 9 = 10,000 to 19,999	Smallint	

	10 = 20,000 to 49,999 11 = 50,000 to 99,999 12 = 100,000 to 249,999 13 = 250,000 to 499,999 14 = more than 500,000 Important: Every location part has its own size class. However, it often happens that all or many postcode districts have the same classes.		
Xcoord	Degree of longitude x 100000, WGS 84	Integer	
Ycoord	Degree of latitude x 100000, WGS 84	Integer	
ID	Identification The identification is a unique key for Germany or an individual country. This identification is not unique for location files covering several countries. If the ID is combined with the country code, a unique key results. Important: The ID of a place can change from year to year, it is not a permanent ID.	Char (9)	
Level	Location level The smaller the level, the more important the location. Character style for representing locations. The level of a location does not depend on the population, but on its importance. The main location has a different level than its districts. Values from 1 to 16 are assigned. The levels are not clearly defined and are assigned at the discretion of the respective data collector, e.g. 1 = capital … 15 = farm / small place 16 = border crossing/ ports (only available in Europe and Germany Extra)	Smallint	

Note on the attributes location size class and level:

For the following countries, the sources for the details could not be verified. For this reason, there are quality differences between the content of the individual values and the other countries:

Bulgaria, Belarus, Estonia, Hungary, Croatia, Lithuania, Latvia, Moldova, Macedonia, Romania, Russia, Slovakia, Slovenia, Ukraine.

4   Appendix

Location file Europe: Countries included and number of locations

No.	Country	ISO2	Name	Total Locations	Border locations / ports	Total locations	Locations with postcode*)	Locations without postcode*)	Locations with Stat_nr*)	Locations without Stat_nr*)
						Here, information without border locations / ports				
1	A	AT	Austria	20.894	107	20.787	20.787	0	20.787	0
2	AL	AL	Albania	467	6	461	459	2	0	461
3	AND	AD	Andorra	41	2	39	7	32	0	39
4	B	BE	Belgium	4.582	187	4.395	4.395	0	0	4.395
5	BG	BG	Bulgaria	7.239	21	7.218	7.218	0	7.124	94
6	BIH	BA	Bosnia and Herzegovina	909	30	879	154	725	0	879
7	BY	CX	Belarus	22.537	30	22.507	22.507	0	0	22.507
8	CH	CH	Switzerland	5909	118	5791	5791	0	5791	0
9	CY	CY	Cyprus	213	2	211	101	110	0	211
10	CZ	CZ	Czech Republic	15.535	58	15.477	15.477	0	0	15.477
11	D	DE	Germany	116.370	492	115.878	115.878	0	115.878	0
12	DK	DK	Denmark	6.412	19	6393	6.392	1	0	6.393
13	E	ES	Spain	39.885	45	39.840	32.687	7.153	0	39.840
14	EST	EE	Estonia	4.489	8	4.481	4.457	24	0	4.481
15	F	FR	France	54.431	215	54.216	54.216	0	38.686	15.530
16	FIN	FI	Finland	6.210	26	6.184	6.184	0	0	6.184
17	FL	LI	Liechtenstein	23	8	15	15	0	7	8
18	GB	GB	United Kingdom	50.763	59	50.704	50.704	0	0	50.704
19	GBZ	GI	Gibraltar	6	1	5	0	5	0	5
20	GE	GE	Georgia	21	2	19	6	13	0	19
21	GR	GR	Greece	847	15	832	832	0	0	832
22	H	HU	Hungary	6.513	36	6.477	6.477	0	12	6.465
23	HR	HR	Croatia	7898	57	7841	7841	0	0	7841
24	I	IT	Italy	29195	71	29124	29124	0	0	29124
25	IRL	IE	Ireland	2.963	37	2.926	0	2.926	0	2.926
26	L	LU	Luxembourg	4.165	46	4.119	4.119	0	0	4.119
27	LT	LT	Lithuania	14.232	23	14.209	14.209	0	0	14.209
28	LV	LV	Latvia	13.046	21	13.025	13.025	0	0	13.025
29	M	MT	Malta	74	1	73	71	2	0	73
30	MC	MC	Monaco	5	2	3	3	0	0	3
31	MD	MD	Moldova	1.716	12	1.704	1.704	0	0	1.704
32	MNE	ME	Montenegro	275	10	265	68	197	0	265
33	N	NO	Norway	4.613	61	4.552	4.448	104	0	4.552
34	NL	NL	Netherlands	7.922	145	7.777	7.777	0	0	7.777
35	NMK	MK	North Macedonia	2.751	9	2.742	2.742	0	0	2.742
36	P	PT	Portugal	11.608	20	11.588	11.588	0	0	11.588
37	PL	PL	Poland	29.769	52	29.717	29.717	0	0	29.717
38	RO	RO	Romania	11.919	20	11.899	11.889	10	11.852	47
39	RSM	SM	San Marino	11	0	11	11	0	0	11
40	RUS	RU	Russia	18.191	40	18.151	18.147	4	0	18.151
41	S	SE	Sweden	12.894	73	12.821	12.821	0	0	12.821
42	SK	SK	Slovak Republic	6.838	28	6.810	6.810	0	0	6.810
43	SLO	SI	Slovenia	2.716	43	2.673	2.673	0	0	2.673
44	SRB	RS	Serbia	1.467	31	1.436	733	703	0	1.436
45	TR	TR	Turkey	1.162	14	1.148	1.004	144	0	1.148
46	UA	UA	Ukraine	29.561	40	29.521	29.521	0	0	29.521
47	V	VA	Vatican City	1	0	1	1	0	0	1
Total:				**579.288**	**2.343**	**576.945**	**564.790**	**12.155**	**200.137**	**376.808**

* Not every country has a postcode system or an official administrative number.