

VERSION 1.3

January 31, 2018



## **USER'S MANUAL**

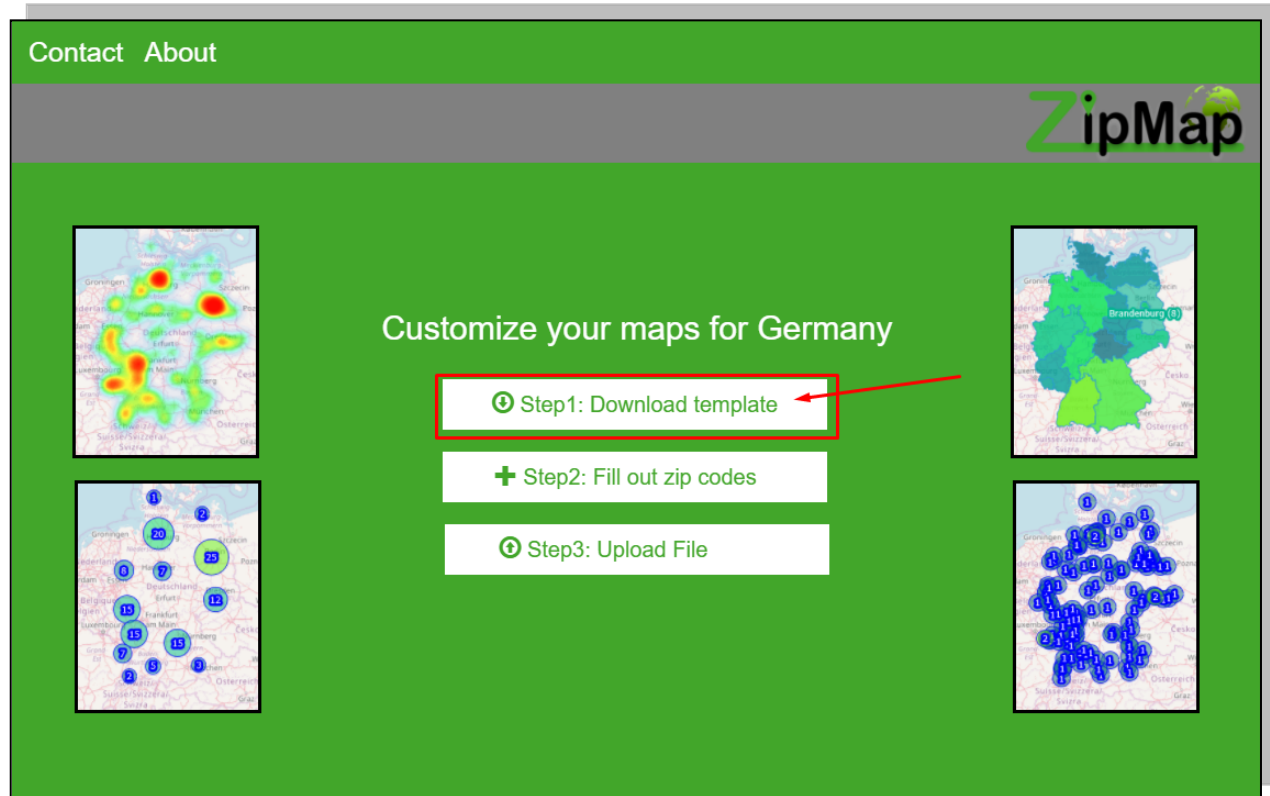
PRESENTED BY: ONKOZERT

ONKOZERT GMBH

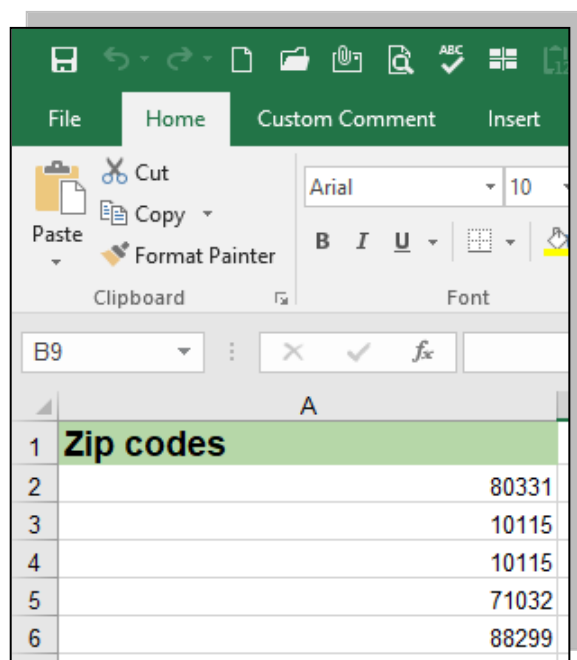
GARTENSTRASSE 24, NEU-ULM

## 1. Step

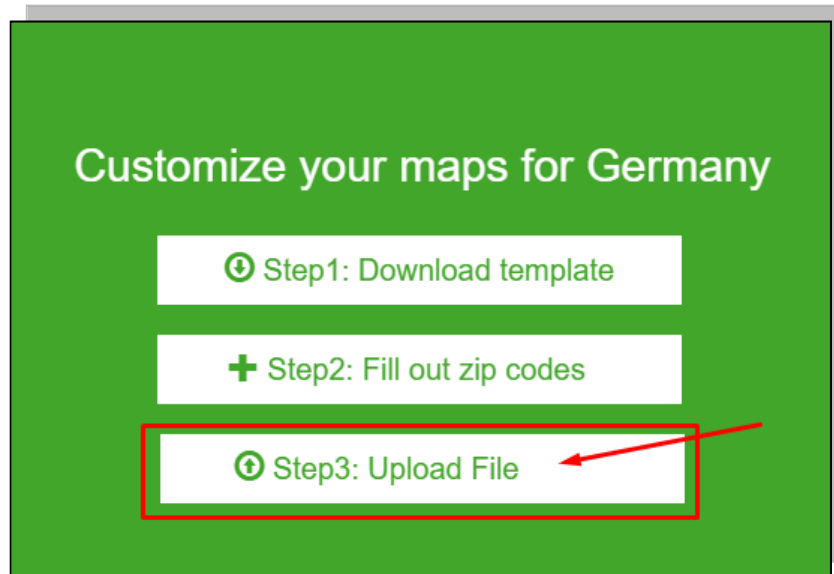
To start working with ZipMap, an excel template must be downloaded in order to fill in the postal codes.



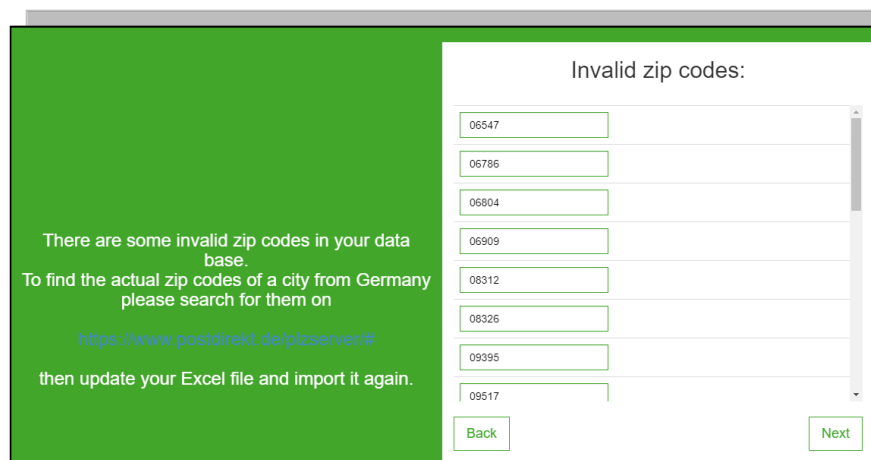
## 2. Step



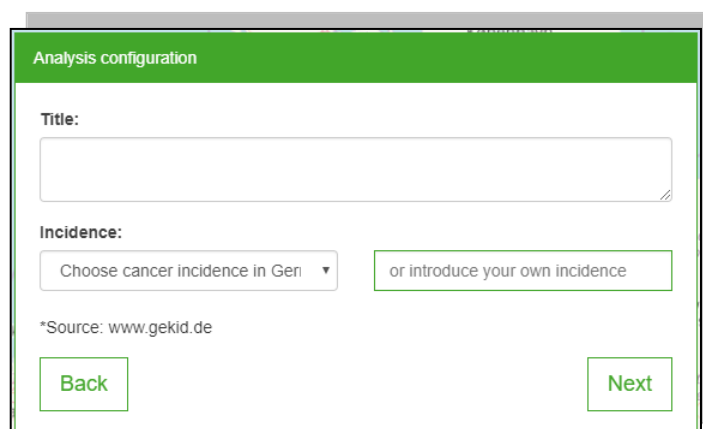
Complete the postal codes in the excel table.

**3. Step**

Upload the saved file with the postal codes.

**4. Step**

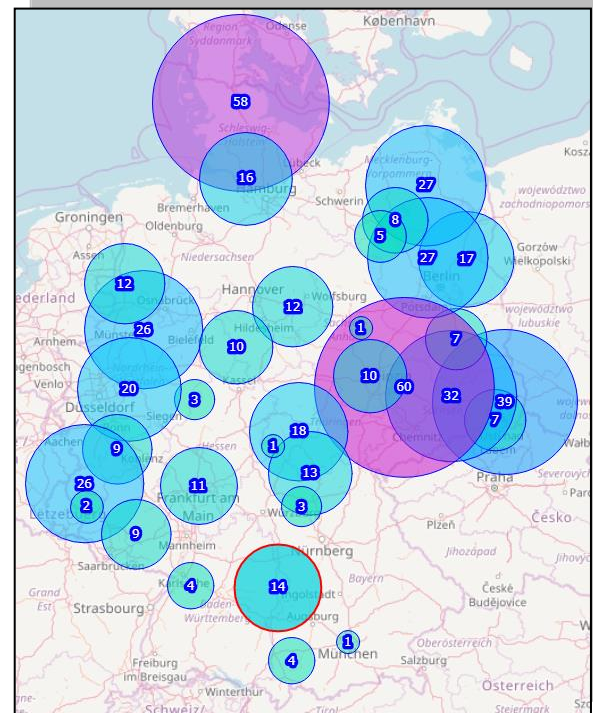
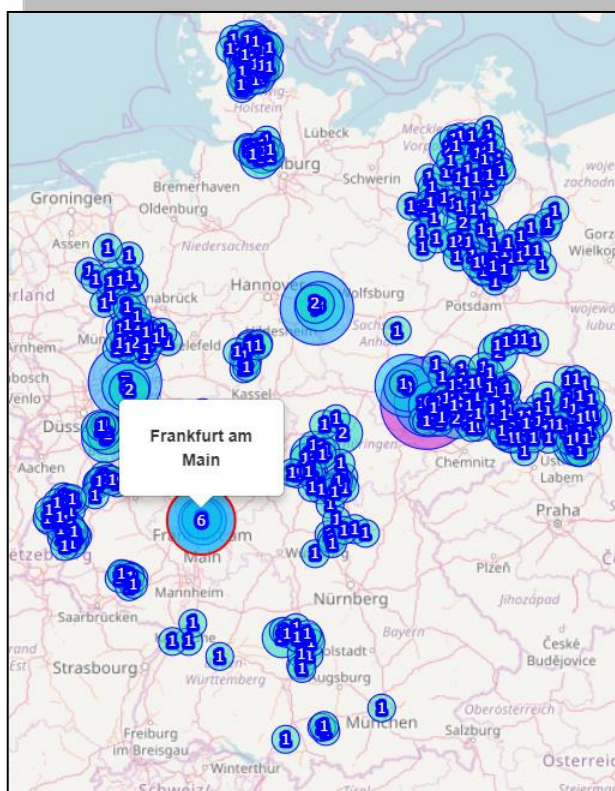
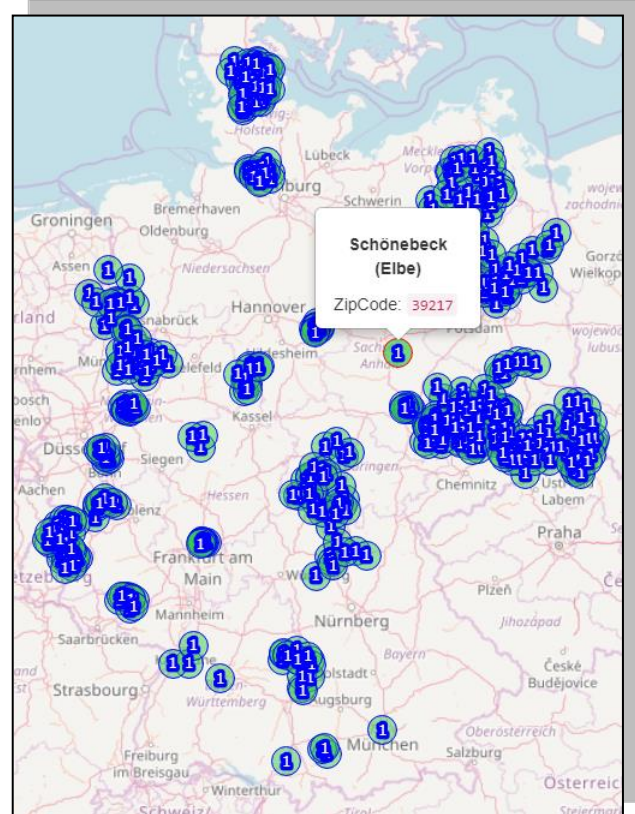
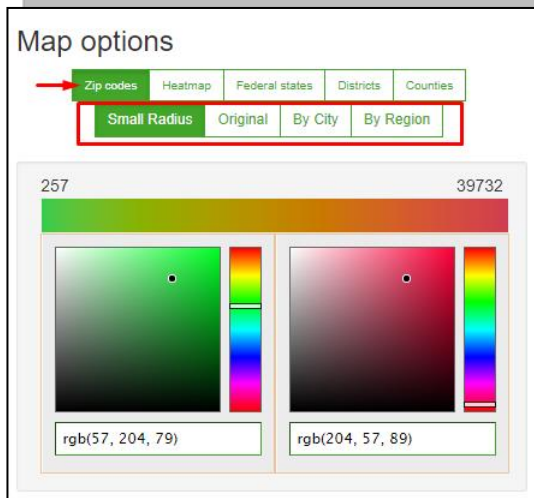
If there are invalid postal codes, the soft will detect it, and it must be corrected.

**5. Step**

You can give a title to your analysis; choose from the list of given incidences or give another personal incidence. Then you can click NEXT, and the maps will be generated.

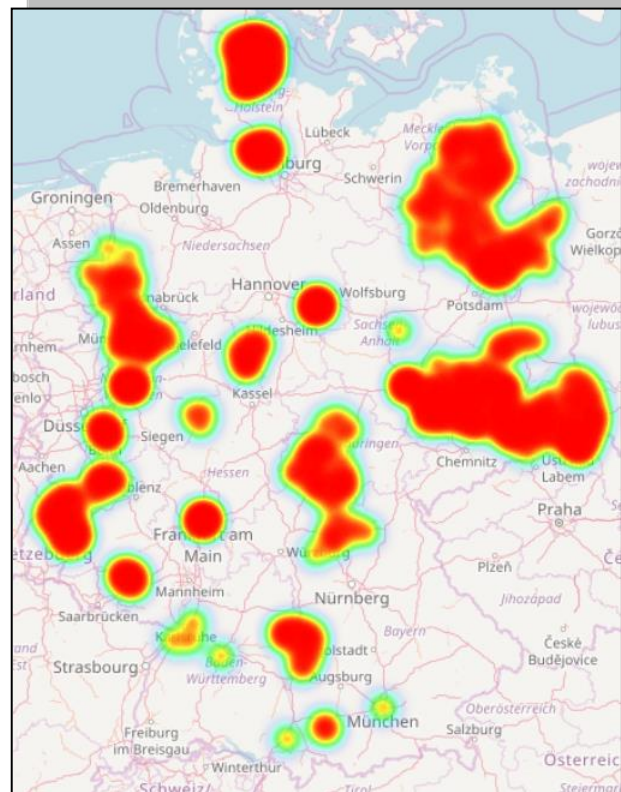
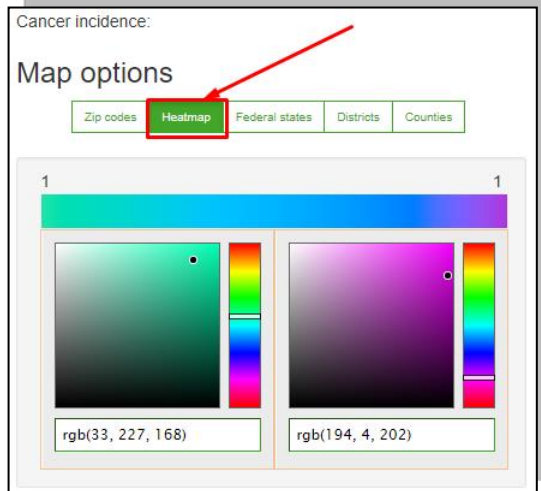
## 6. Step

- a) Zip codes map
  - a1) Small Radius
  - a2) Original
  - a3) By city
  - a4) By region

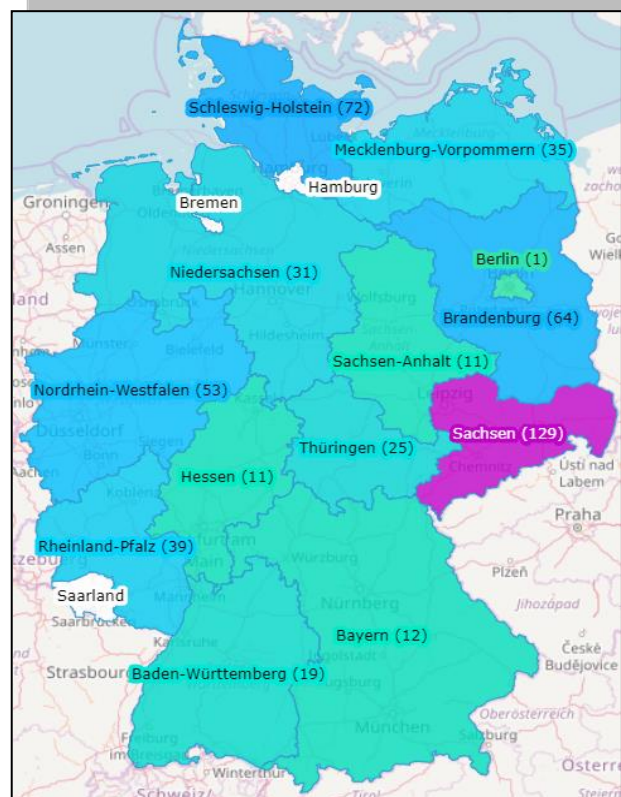
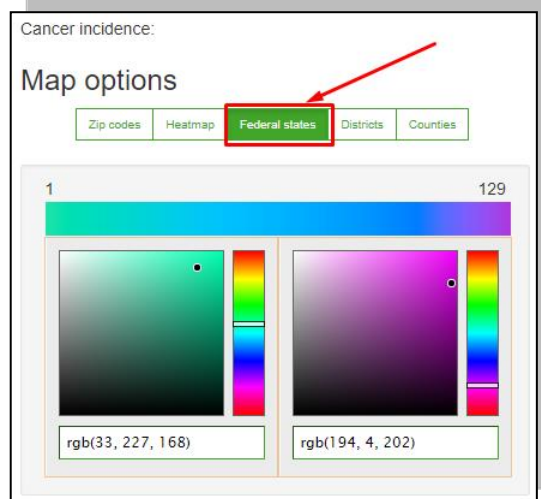


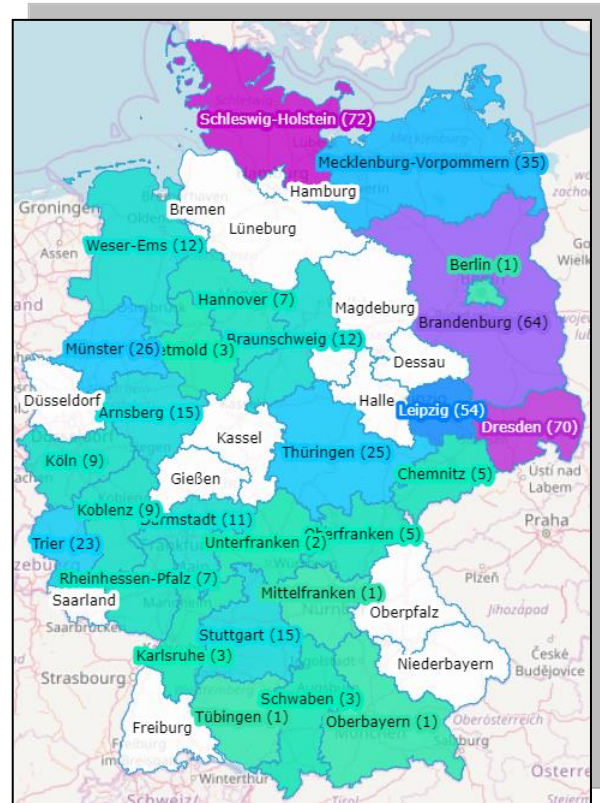
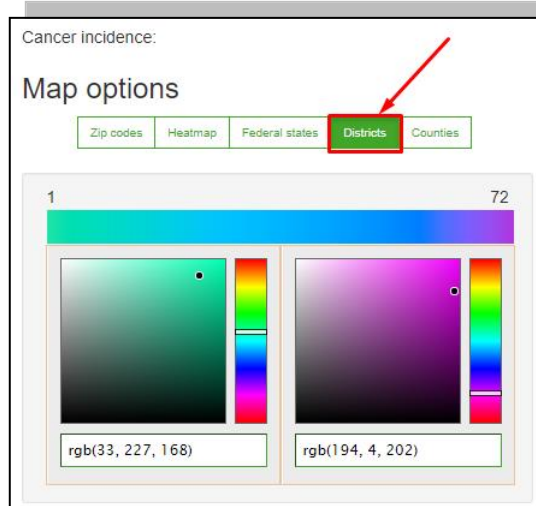
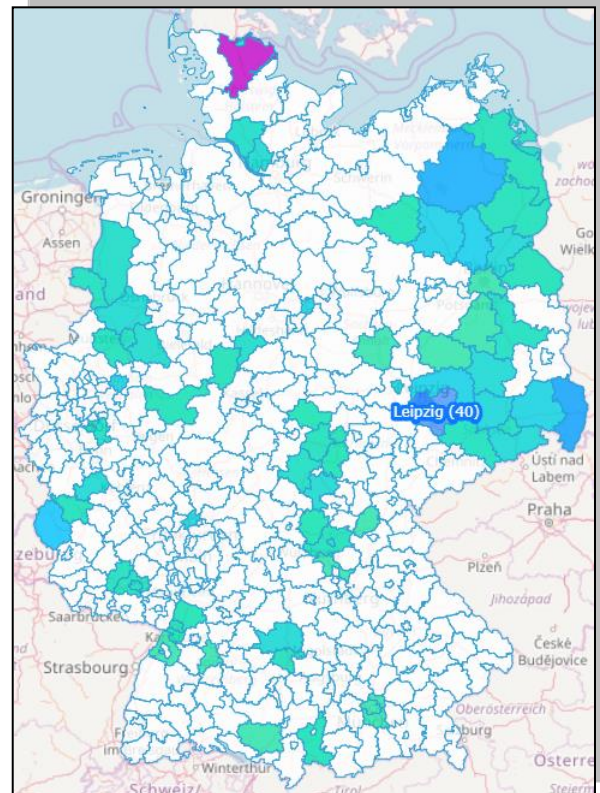
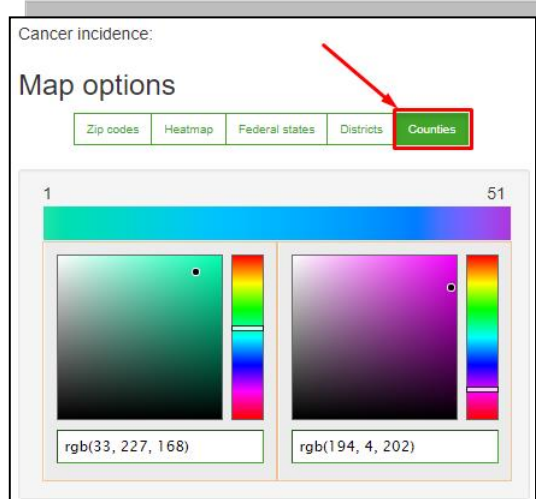


b) Heatmap



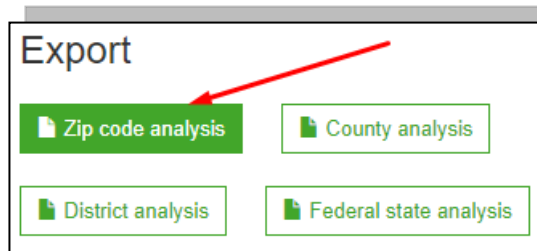
c) Federal states map



d) Districts mape) Counties map

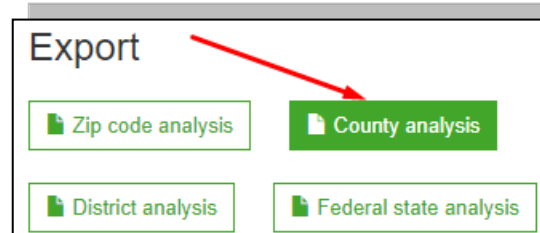
## 7. Analysis in Excel

### a) Zip code analysis



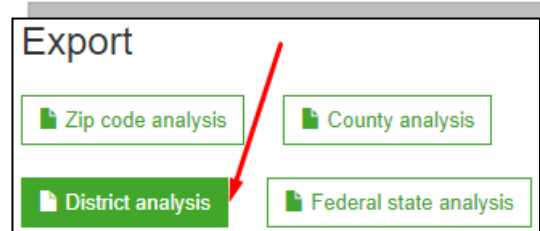
|    | A                        | B       | C        | D             | E       |
|----|--------------------------|---------|----------|---------------|---------|
| 1  | <b>Zip code analysis</b> |         |          |               |         |
| 2  | Zip codes                | County  | District | Federal state | Results |
| 3  | 01157                    | Dresden | Dresden  | Sachsen       | 1       |
| 4  | 01169                    | Dresden | Dresden  | Sachsen       | 1       |
| 5  | 01324                    | Dresden | Dresden  | Sachsen       | 1       |
| 6  | 01326                    | Dresden | Dresden  | Sachsen       | 1       |
| 7  | 01454                    | Bautzen | Dresden  | Sachsen       | 1       |
| 8  | 01458                    | Bautzen | Dresden  | Sachsen       | 1       |
| 9  | 01558                    | Meißen  | Dresden  | Sachsen       | 1       |
| 10 | 01561                    | Meißen  | Dresden  | Sachsen       | 1       |
| 11 | 01594                    | Meißen  | Dresden  | Sachsen       | 1       |
| 12 | 01609                    | Meißen  | Dresden  | Sachsen       | 1       |
| 13 | 01612                    | Meißen  | Dresden  | Sachsen       | 1       |

### b) County analysis

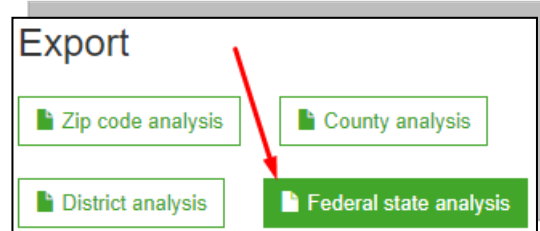


|    | A                                | B              | C              | D           | E                | F                  | G                 | H                     | I       | J               |
|----|----------------------------------|----------------|----------------|-------------|------------------|--------------------|-------------------|-----------------------|---------|-----------------|
| 1  | <b>County analysis</b>           |                |                |             |                  |                    |                   |                       |         |                 |
| 2  | County                           | District       | Federal state  | Area        | Male inhabitants | Female inhabitants | Total inhabitants | Theoretical incidence | Results | Relative result |
| 3  | Dresden                          | Dresden        | Sachsen        | 0           | 155530           | 0                  | 155530            | 0                     | 4       | 0.00%           |
| 4  | Bautzen                          | Dresden        | Sachsen        | 2390.700000 | 121170           | 159640             | 315174            | 0                     | 13      | 0.00%           |
| 5  | Meißen                           | Dresden        | Sachsen        | 1452.390000 | 121170           | 125890             | 247054            | 0                     | 11      | 0.00%           |
| 6  | Sächsische Schweiz-Osterzgebirge | Dresden        | Sachsen        | 1653.690000 | 121300           | 125520             | 246818            | 0                     | 10      | 0.00%           |
| 7  | Görlitz                          | Dresden        | Sachsen        | 2106.200000 | 131530           | 138110             | 269647            | 0                     | 32      | 0.00%           |
| 8  | Leipzig                          | Leipzig        | Sachsen        | 1647.070000 | 128300           | 133910             | 262214            | 0                     | 40      | 0.00%           |
| 9  | Mittelsachsen                    | Chemnitz       | Sachsen        | 2113.390000 | 158690           | 163390             | 322077            | 0                     | 5       | 0.00%           |
| 10 | Nordsachsen                      | Leipzig        | Sachsen        | 2020.280000 | 99160            | 102000             | 201165            | 0                     | 14      | 0.00%           |
| 11 | Elbe-Elster                      | Brandenburg    | Brandenburg    | 1889.390000 | 54410            | 55780              | 110189            | 0                     | 10      | 0.00%           |
| 12 | Halle (Saale)                    | Sachsen-Anhalt | Sachsen-Anhalt | 0           | 0                | 0                  | 0                 | 0                     | 9       | 0.00%           |
| 13 | Wittenberg                       | Sachsen-Anhalt | Sachsen-Anhalt | 1930.060000 | 65050            | 67940              | 132994            | 0                     | 1       | 0.00%           |
| 14 | Berlin                           | Berlin         | Berlin         | 0           | 0                | 0                  | 0                 | 0                     | 1       | 0.00%           |
| 15 | Dahme-Spreewald                  | Brandenburg    | Brandenburg    | 2261.840000 | 79130            | 81030              | 160162            | 0                     | 5       | 0.00%           |
| 16 | Teltow-Fläming                   | Brandenburg    | Brandenburg    | 2092.350000 | 78830            | 80430              | 159255            | 0                     | 1       | 0.00%           |
| 17 | Barnim                           | Brandenburg    | Brandenburg    | 1471.570000 | 85030            | 87130              | 172164            | 0                     | 10      | 0.00%           |
| 18 | Markisch-Oderland                | Brandenburg    | Brandenburg    | 2150.400000 | 92870            | 94510              | 187374            | 0                     | 3       | 0.00%           |
| 19 | Uckermark                        | Brandenburg    | Brandenburg    | 3058.410000 | 61420            | 63280              | 124682            | 0                     | 4       | 0.00%           |
| 20 | Oberhavel                        | Brandenburg    | Brandenburg    | 1798.160000 | 98780            | 102030             | 200805            | 0                     | 15      | 0.00%           |
| 21 | Ostprignitz-Ruppin               | Brandenburg    | Brandenburg    | 2509.400000 | 49840            | 50400              | 100242            | 0                     | 14      | 0.00%           |
| 22 | Prignitz                         | Brandenburg    | Brandenburg    | 2123.620000 | 39500            | 40780              | 80276             | 0                     | 2       | 0.00%           |



c) District analysis

|   | A                        | B              | C            | D                | E                  | F                 | G                     | H       | I               |
|---|--------------------------|----------------|--------------|------------------|--------------------|-------------------|-----------------------|---------|-----------------|
| 1 | <b>District analysis</b> |                |              |                  |                    |                   |                       |         |                 |
| 2 | District                 | Federal state  | Area         | Male inhabitants | Female inhabitants | Total inhabitants | Theoretical incidence | Results | Relative result |
| 3 | Dresden                  | Sachsen        | 7602.980000  | 529530           | 549160             | 1078693           | 0                     | 70      | 0,00%           |
| 4 | Leipzig                  | Sachsen        | 3667.350000  | 227460           | 235910             | 463379            | 0                     | 54      | 0,00%           |
| 5 | Chemnitz                 | Sachsen        | 2113.390000  | 158690           | 163390             | 322077            | 0                     | 5       | 0,00%           |
| 6 | Brandenburg              | Brandenburg    | 19355.140000 | 639810           | 655350             | 1295149           | 0                     | 64      | 0,00%           |
| 7 | Sachsen-Anhalt           | Sachsen-Anhalt | 3356.490000  | 165150           | 173300             | 338452            | 0                     | 11      | 0,00%           |
| 8 | Berlin                   | Berlin         | 0            | 0                | 0                  | 0                 | 0                     | 1       | 0,00%           |

d) Federal state analysis

|  | A                             | B            | C                | D                  | E                 | F                     | G       | H               |
|--|-------------------------------|--------------|------------------|--------------------|-------------------|-----------------------|---------|-----------------|
|  | <b>Federal state analysis</b> |              |                  |                    |                   |                       |         |                 |
|  | Federal state                 | Area         | Male inhabitants | Female inhabitants | Total inhabitants | Theoretical incidence | Results | Relative result |
|  | Sachsen                       | 18419.830000 | 1978030          | 2078750            | 4056799           | 0                     | 129     | 0,00%           |
|  | Brandenburg                   | 29483.980000 | 1207860          | 1247920            | 2455780           | 0                     | 64      | 0,00%           |
|  | Sachsen-Anhalt                | 20450.290000 | 1116850          | 1170200            | 2287040           | 0                     | 11      | 0,00%           |
|  | Berlin                        | 891.750000   | 1599840          | 1692530            | 3292365           | 0                     | 1       | 0,00%           |
|  | Mecklenburg-Vorpommern        | 23178.380000 | 793310           | 816690             | 1609982           | 0                     | 35      | 0,00%           |
|  | Schleswig-Holstein            | 15799.560000 | 1360540          | 1439570            | 2800119           | 0                     | 72      | 0,00%           |
|  | Niedersachsen                 | 47613.580000 | 3804396          | 3973589            | 7777992           | 0                     | 31      | 0,00%           |
|  | Nordrhein-Westfalen           | 34097.760000 | 8521210          | 9017020            | 17538251          | 0                     | 53      | 0,00%           |
|  | Rheinland-Pfalz               | 19847.910000 | 1950437          | 2039367            | 3989808           | 0                     | 39      | 0,00%           |
|  | Hessen                        | 21114.940000 | 2914740          | 3057100            | 5971816           | 0                     | 11      | 0,00%           |
|  | Baden-Württemberg             | 35751.380000 | 5133500          | 5353170            | 10486660          | 0                     | 19      | 0,00%           |
|  | Bayern                        | 70550.150000 | 6062925          | 6334743            | 12397614          | 0                     | 12      | 0,00%           |
|  | Thüringen                     | 16172.490000 | 1076410          | 1112190            | 2188589           | 0                     | 25      | 0,00%           |