







# ElasticSearch Kibana Map2

## 서울시 구별 영역 만들기



## Add layer

All Elasticsearch Reference Solutions

- 
**Upload GeoJSON**  
 Index GeoJSON data in Elasticsearch
- 
**Documents**  
 Points, lines, and polygons from Elasticsearch
- 
**Choropleth**  
 Shaded areas to compare statistics across boundaries
- 
**Clusters and grids**  
 Geospatial data grouped in grids with metrics for each gridded cell
- 
**Heat map**  
 Geospatial data grouped in grids to show density
- 
**Top hits per entity**  
 Display the most relevant documents per entity, e.g. the most recent GPS hits per vehicle.

Cancel



## Add layer

< Change layer

### Boundaries source

- ☒ Administrative boundaries from Elastic Maps Service
- ☐ Points, lines, and polygons from Elasticsearch

### Layer

South Korea Municipalities

### Join field

Sigungu Code (시군구코드)

### Statistics source

#### Index pattern

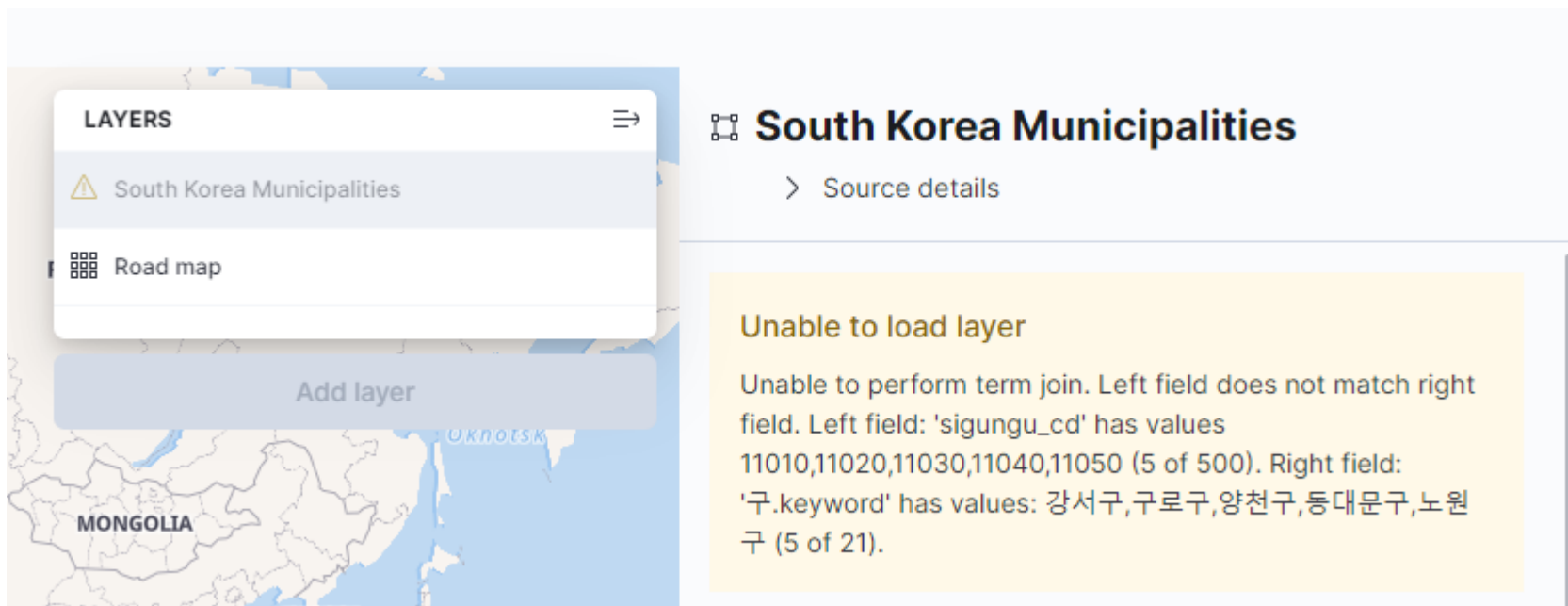
tableau\*

#### Join field

자치구.keyword

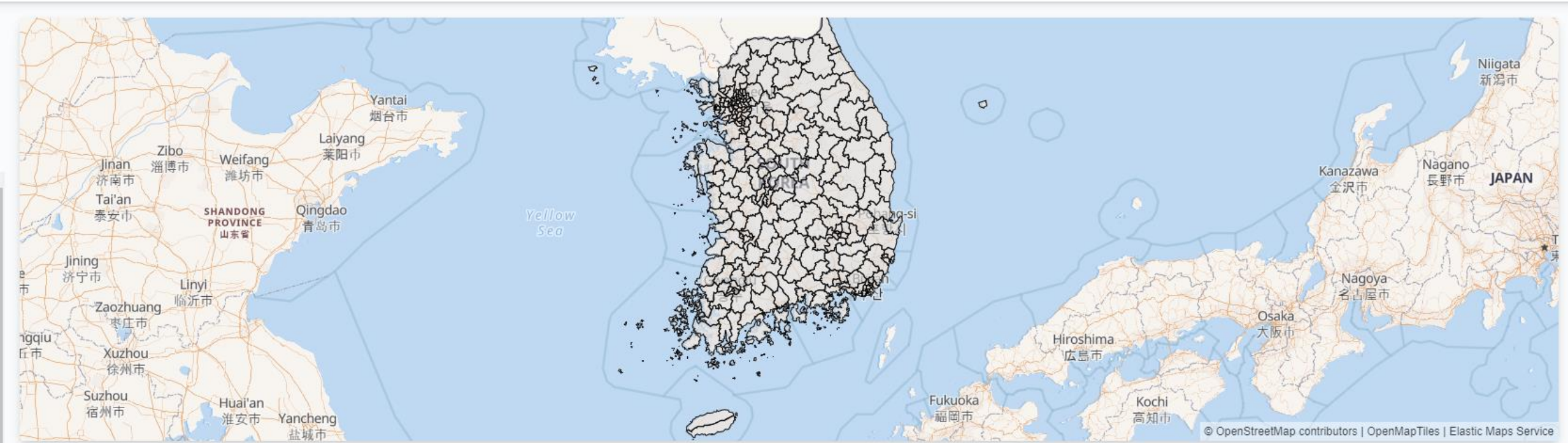
Cancel

Add layer →



[https://maps.elastic.co/v7.15/index.html?locale=en#file/south\\_korea\\_municipalities](https://maps.elastic.co/v7.15/index.html?locale=en#file/south_korea_municipalities) 에서 'sigungu\_cd'가 어떤 형식인지 알 수 있다.



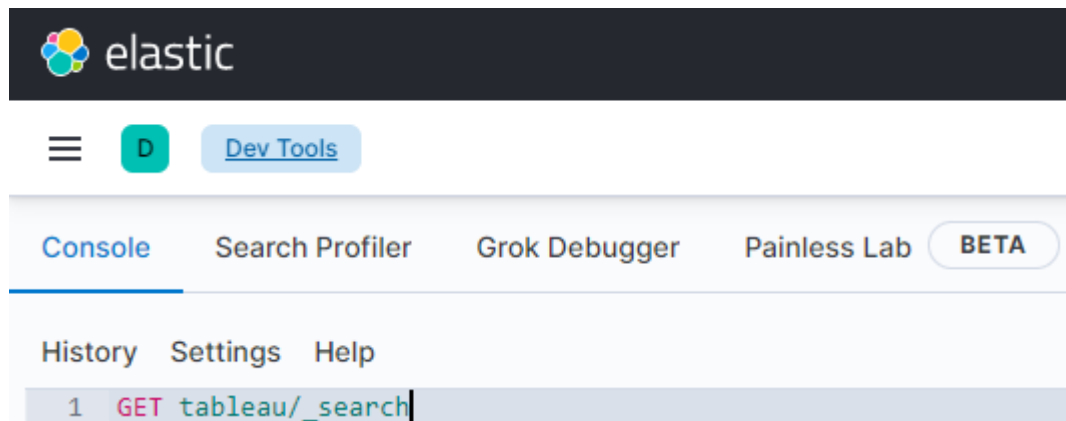


Selected Vector Layer: South Korea Municipalities

Layer Id: south\_korea\_municipalities Attribution: South Korea Maps | KOSTAT - copyright to KOGL Type1 | Elastic Maps Service

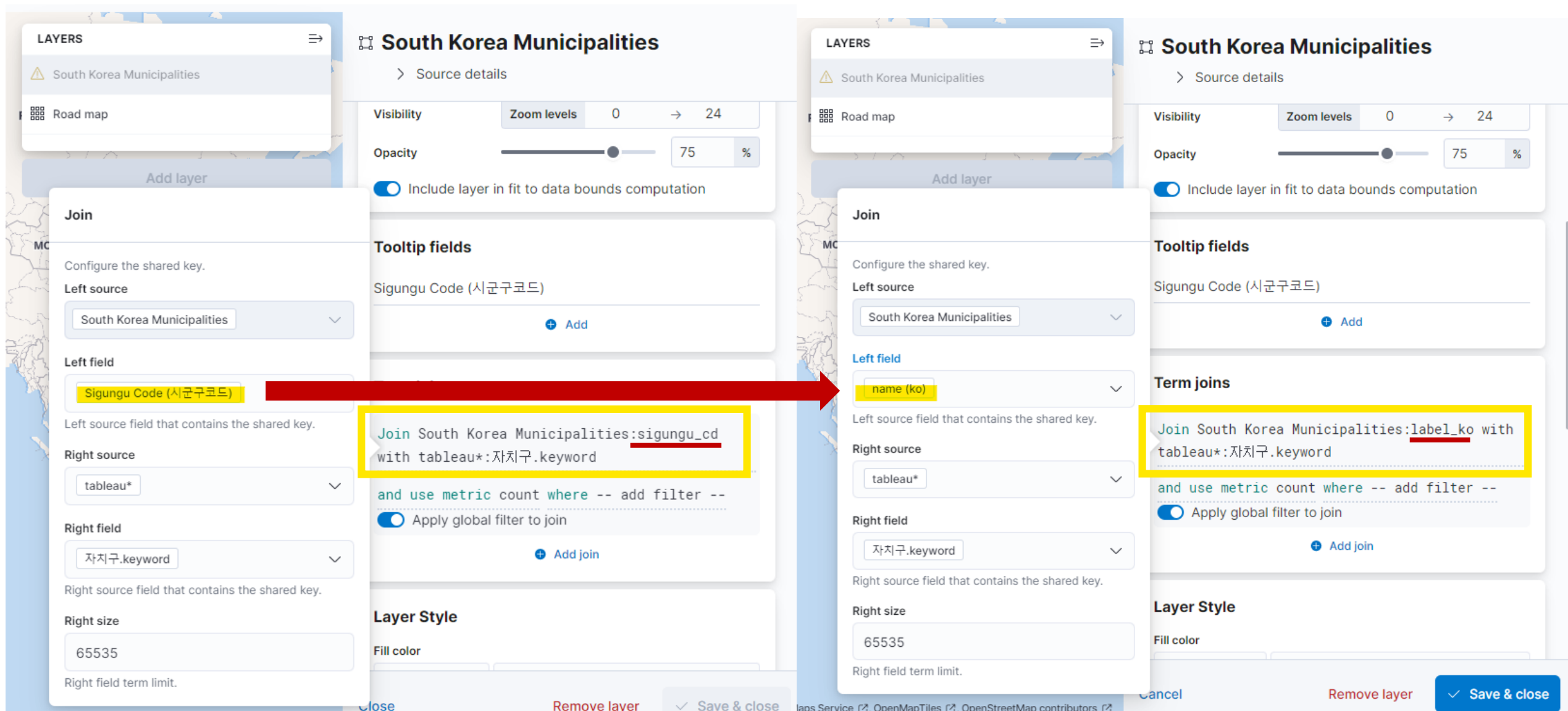
Download GeoJSON

Sigungu Code (시군구코드) (sigungu_cd)	name (en) (label_en)	name (ko) (label_ko)
11010	Jongno-gu	종로구
11020	Jung-gu	중구
11030	Yongsan-gu	용산구
11040	Seongdong-gu	성동구
11050	Gwangjin-gu	광진구



tableau의 "자치구"는 "종로구", "중구" 의 꼴로,  
name (ko) 에 해당됨을 알 수 있다.

```
31 {
32   "_index" : "tableau",
33   "_type" : "_doc",
34   "_id" : "7e43on0BDYDiQ-b0Cu-v",
35   "_score" : 1.0,
36   "_source" : {
37     "자치구" : "종로구",
38     "세대" : 73652,
39     "총인구" : 154318,
40     "남자" : 74561,
41     "여자" : 79757
42   }
43 },
44 {
45   "_index" : "tableau",
46   "_type" : "_doc",
47   "_id" : "7u43on0BDYDiQ-b0C-9K",
48   "_score" : 1.0,
49   "_source" : {
50     "자치구" : "중구",
51     "세대" : 63267,
52     "총인구" : 131943,
53     "남자" : 64274,
54     "여자" : 67669
55   }
56 },
57 {
58   "_index" : "tableau",
59   "_type" : "_doc",
60   "_id" : "7-43on0BDYDiQ-b0C-_e",
61   "_score" : 1.0,
62   "_source" : {
63     "자치구" : "용산구",
64     "세대" : 111177,
65     "총인구" : 238300,
66     "남자" : 115655,
67     "여자" : 122645
68   }
69 },
```



LAYERS

South Korea Municipalities

Road map

Metrics

Configure the metrics for the right source. These values are added to the layer features.

Aggregation

Count

Custom label

South Korea Municipalities

> Source details

+ Add

Term joins

Join South Korea Municipalities:label\_ko with tableau\*:자치구.keyword

and use metric count where -- add filter --

☒ Apply global filter to join

+ Add join

LAYERS

South Korea Municipalities

Road map

Metrics

Configure the metrics for the right source. These values are added to the layer features.

Aggregation

Sum

Field

남자

Custom label

✓ # 남자  
# 세대

South Korea Municipalities

> Source details

+ Add

Term joins

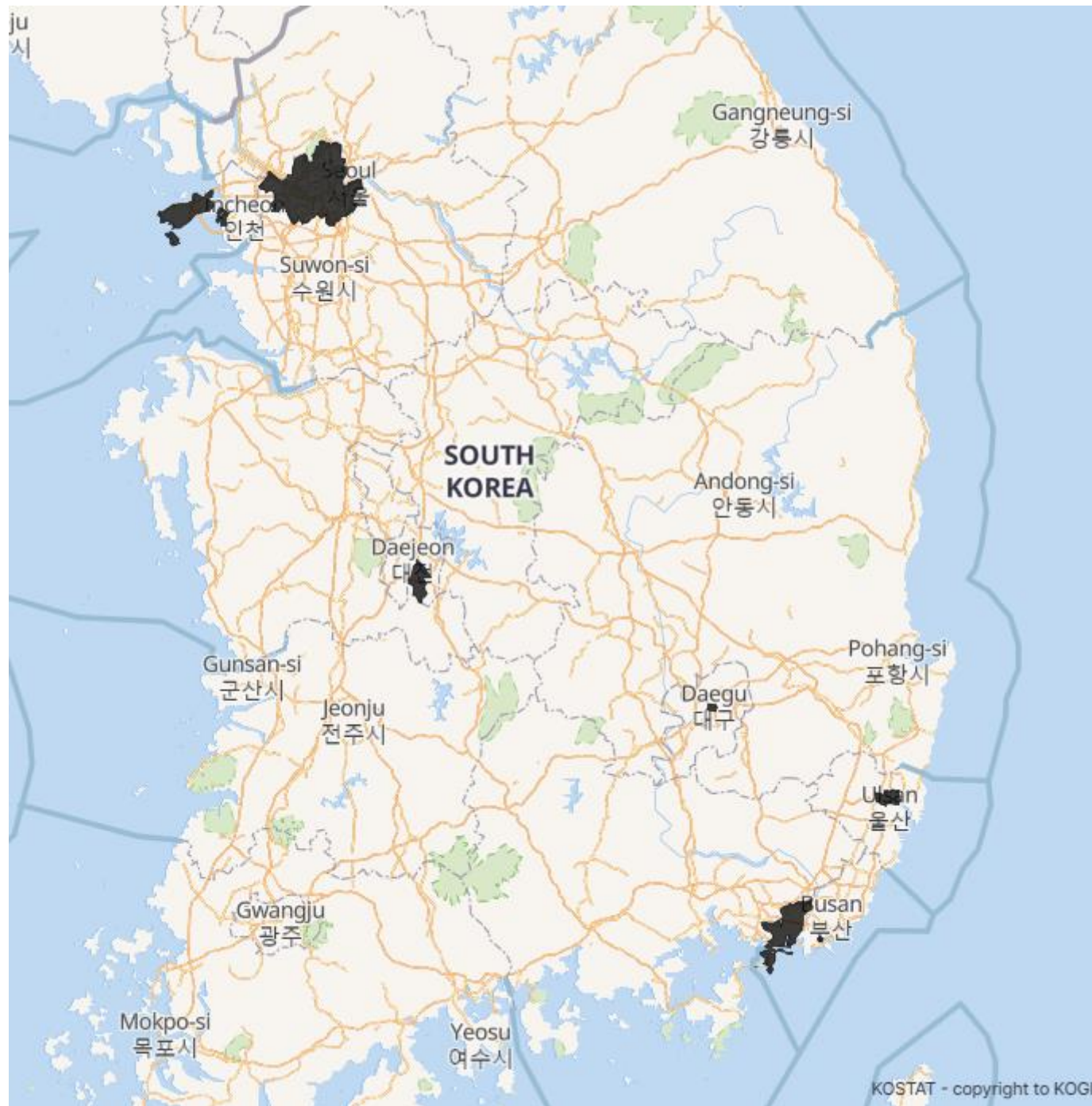
Join South Korea Municipalities:label\_ko with tableau\*:자치구.keyword

and use metric sum 남자 where -- add filter --

☒ Apply global filter to join

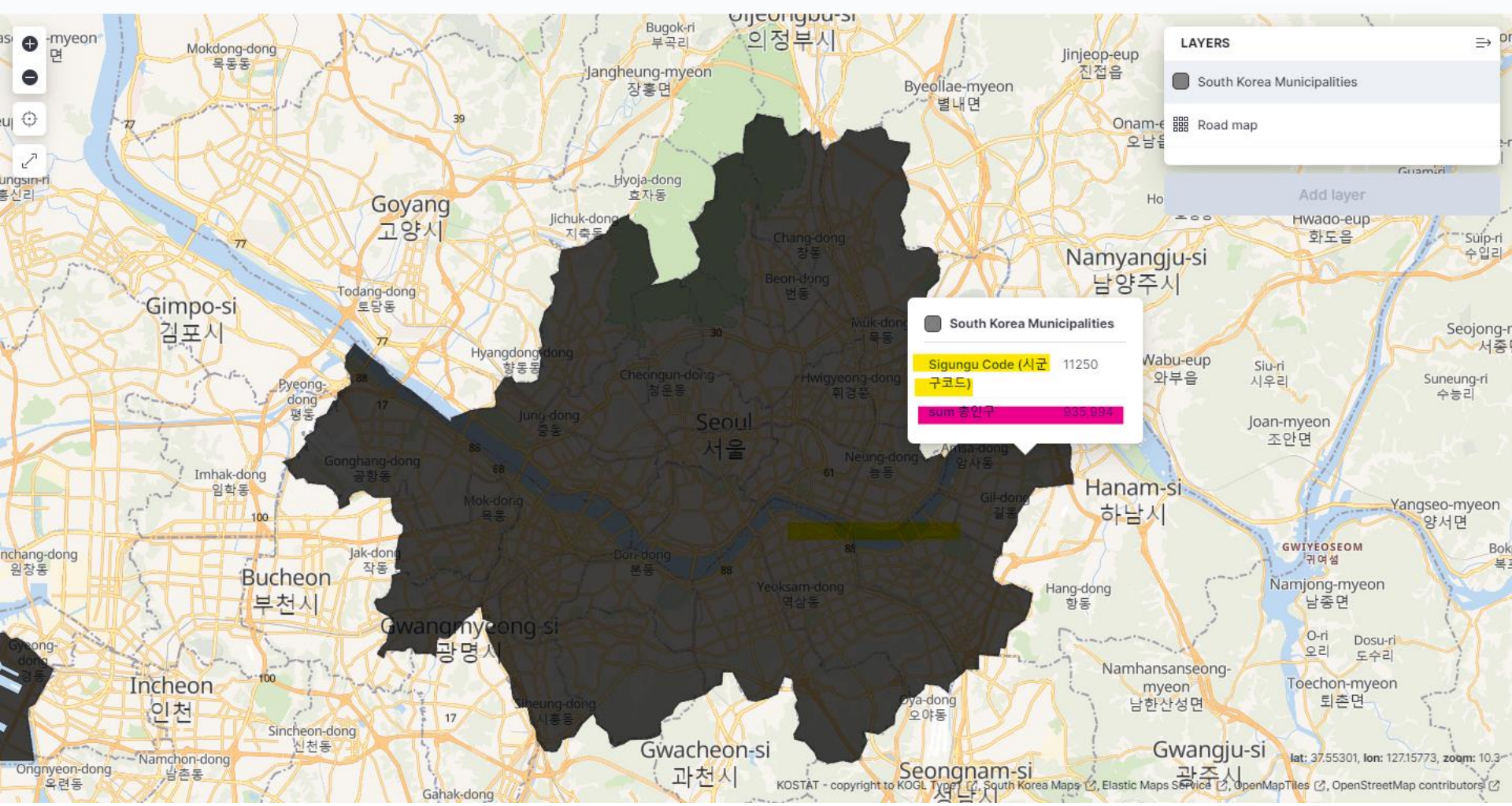
+ Add join





서울시의 “중구”같은 경우는 다른 도시  
에도 있는 명칭이기 때문에 다른 도시들  
의 정보도 뜨게 되어있다.





### South Korea Municipalities

Source details

☒ Include layer in fit to data bounds computation

#### Tooltip fields

Sigungu Code (시군구코드)

+ Add

#### Term joins

Join South Korea Municipalities:label\_ko with tableau\*:자치구.keyword

and use metric sum 총인구

where -- add filter --

☒ Apply global filter to join

+ Add join

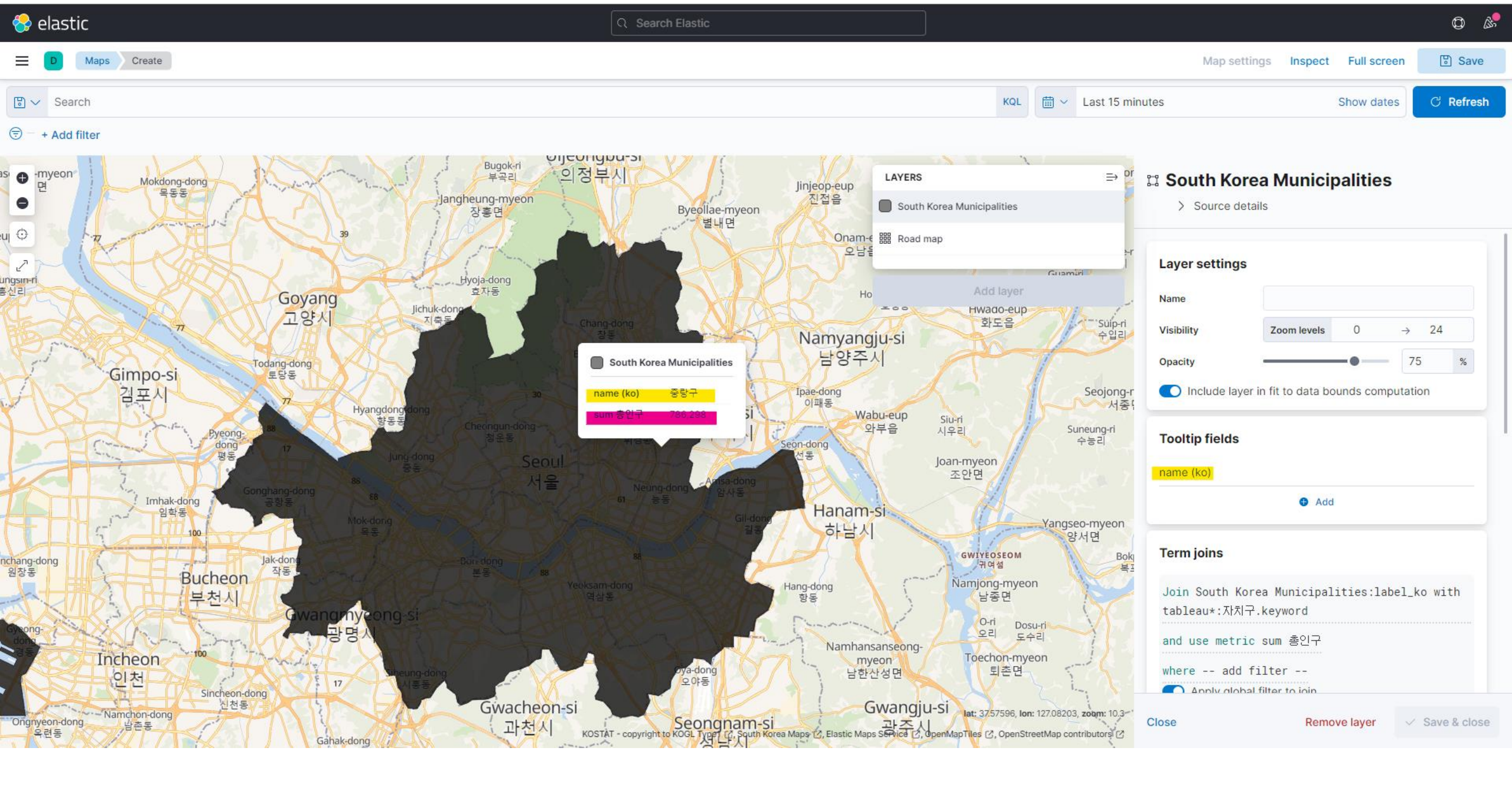
#### Layer Style

Fill color

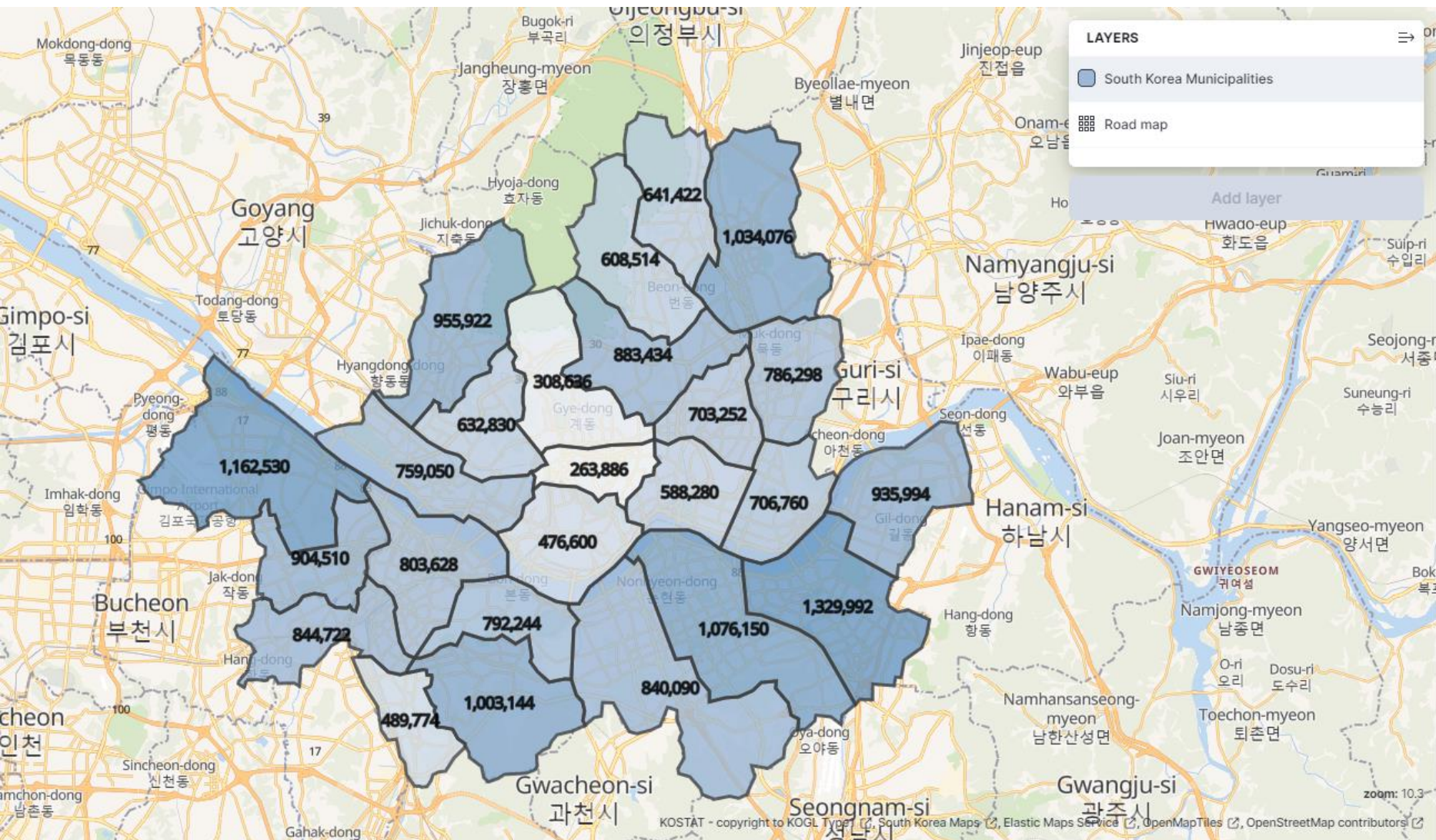
By value Select a field

Close Remove layer Save & close









### South Korea Municipalities

> Source details

#### Layer Style

**Fill color**

By value sum 총인구

As number

**Border color**

Solid #3D3D3D

**Border width**

Fixed 03 px

**Label**

By value sum 총인구

**Label color**

Solid #000000

**Label size**

Fixed 15 px

**Label border color**

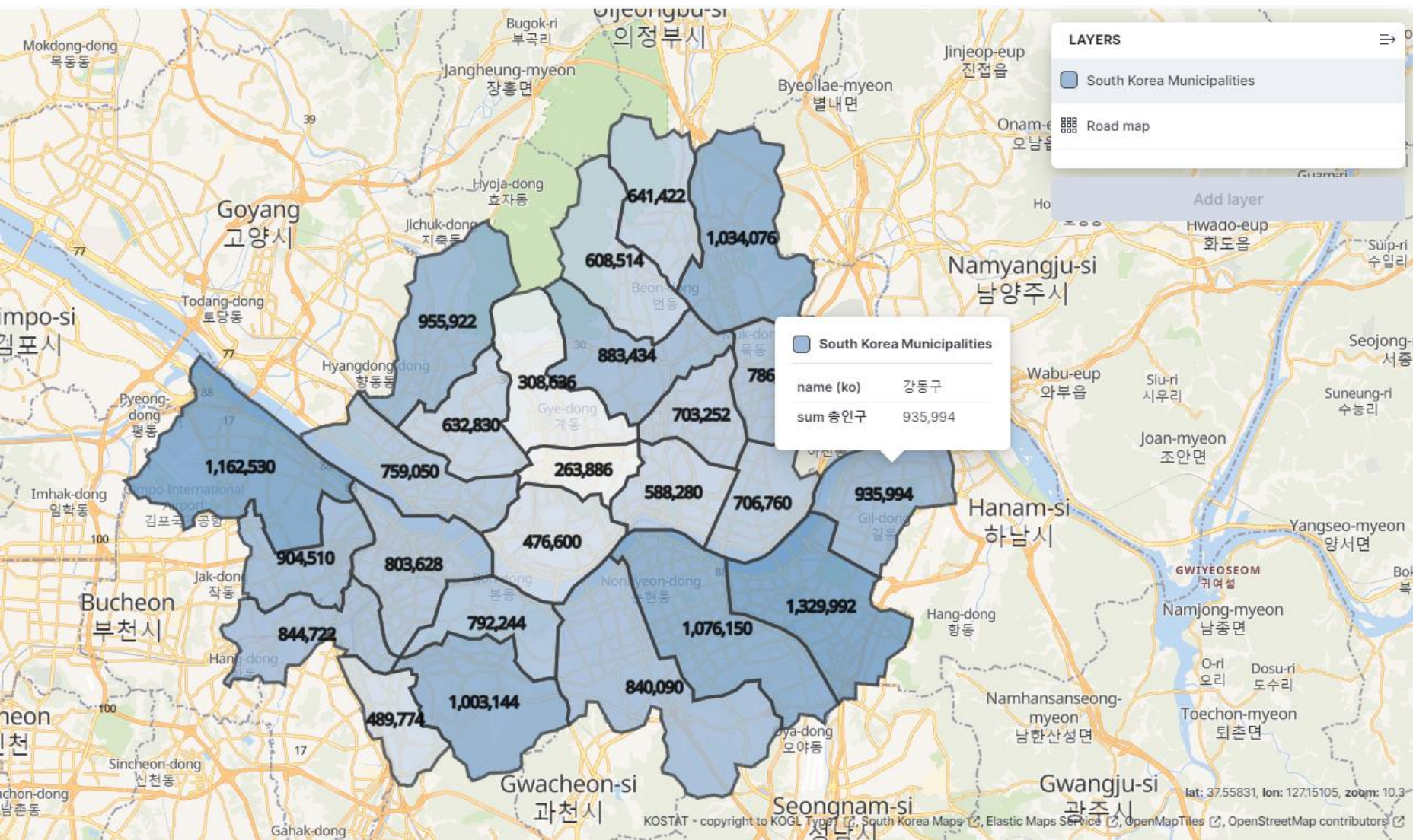
Solid #000

**Label border width**

Small

Cancel Remove layer **Save & close**





## South Korea Municipalities

> Source details

### Layer Style

Fill color

By value

sum 총인구

As number

Border color

Solid

#3D3D3D

Border width

Fixed

03

px

Label

By value

sum 총인구

Label color

Solid

#000000

Label size

Fixed

15

px

Label border color

Solid

#000

Label border width

Small

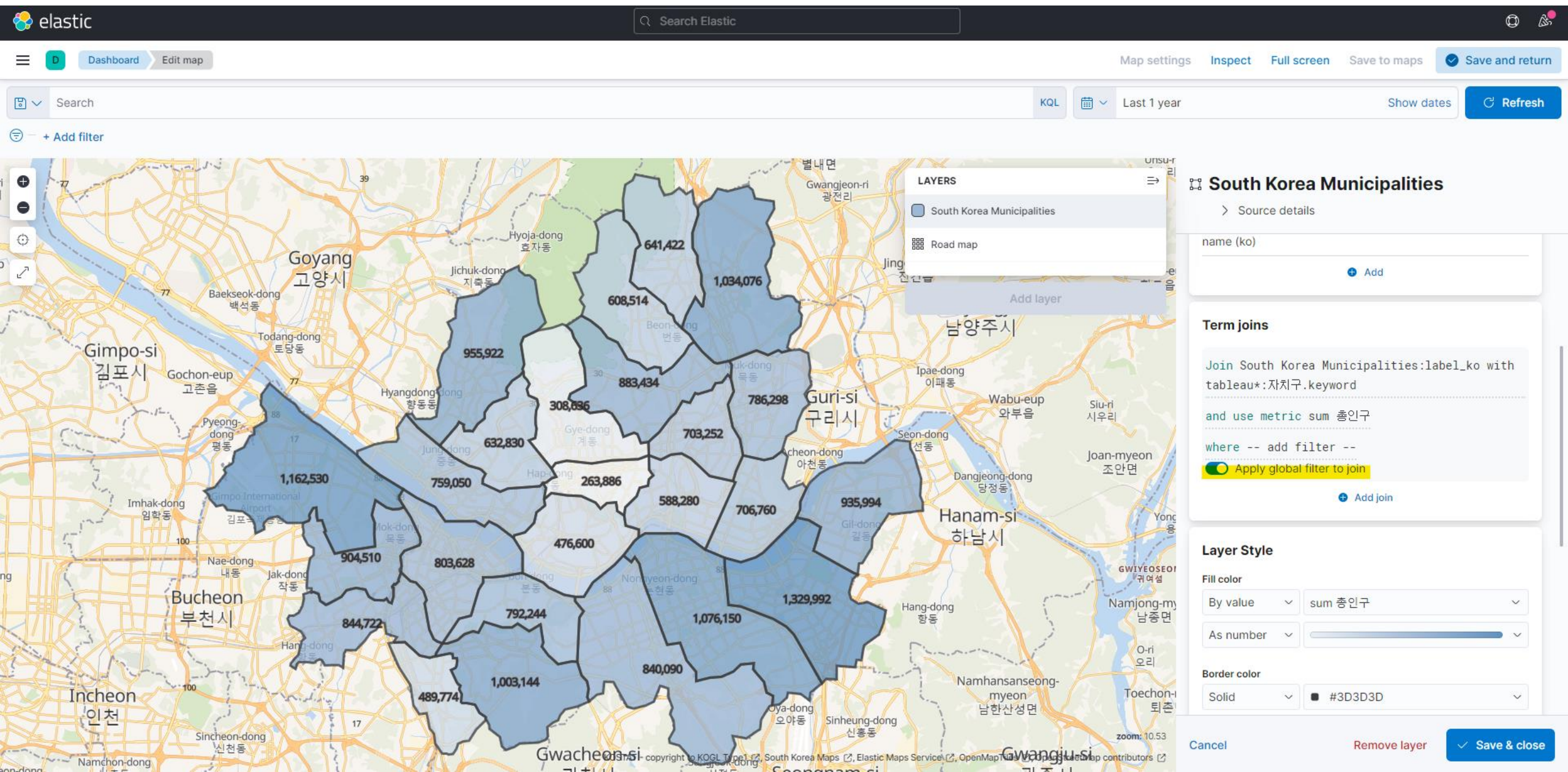
Cancel

Remove layer

✓ Save & close



Apply global filter to join은 Kibana의 controls를 의미한다.  
참고로 이 지도 시각화자료는 controls와 상관없는 자료이다.





커버리지

2km

충전소 개수

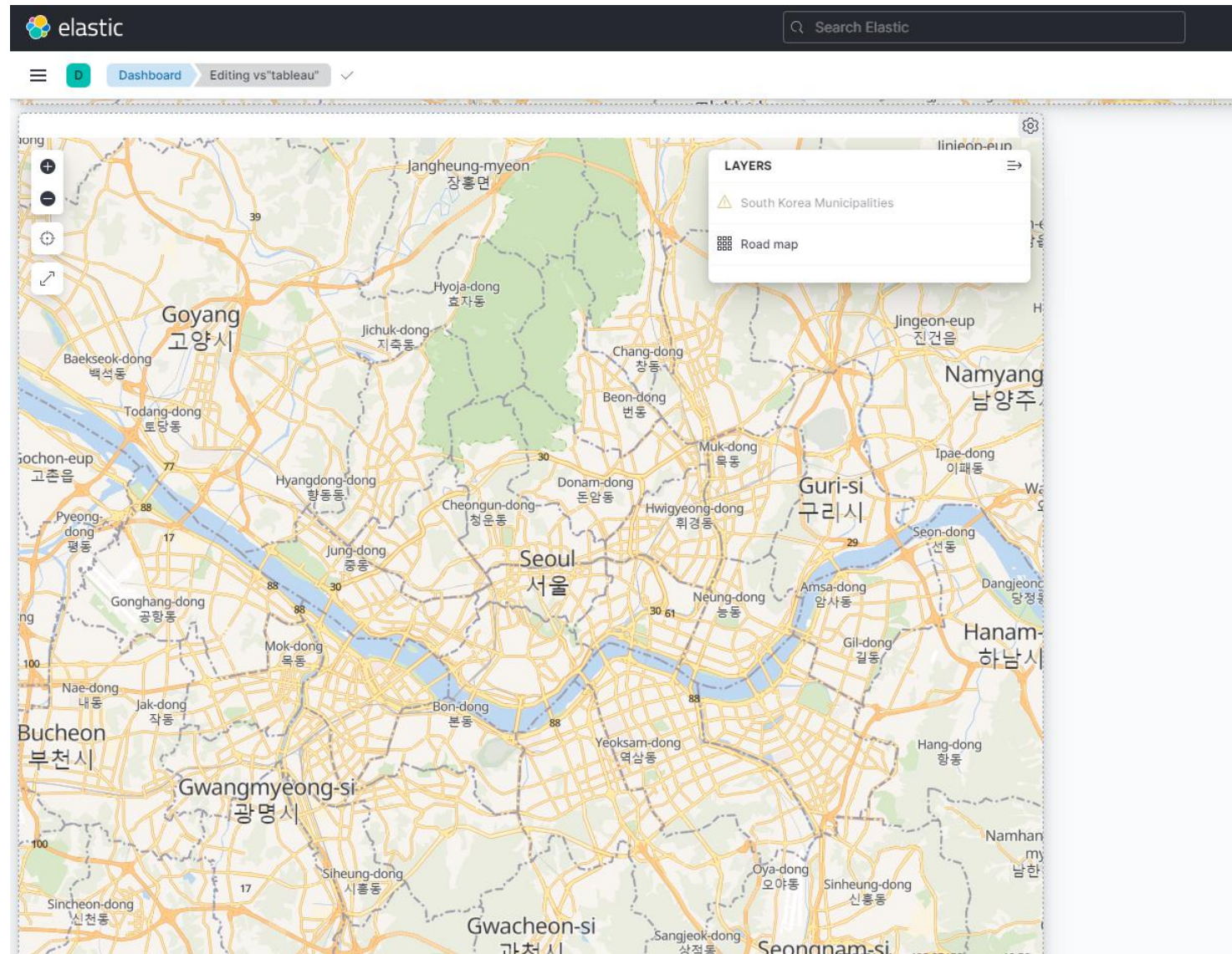
77

Apply changes

Cancel changes

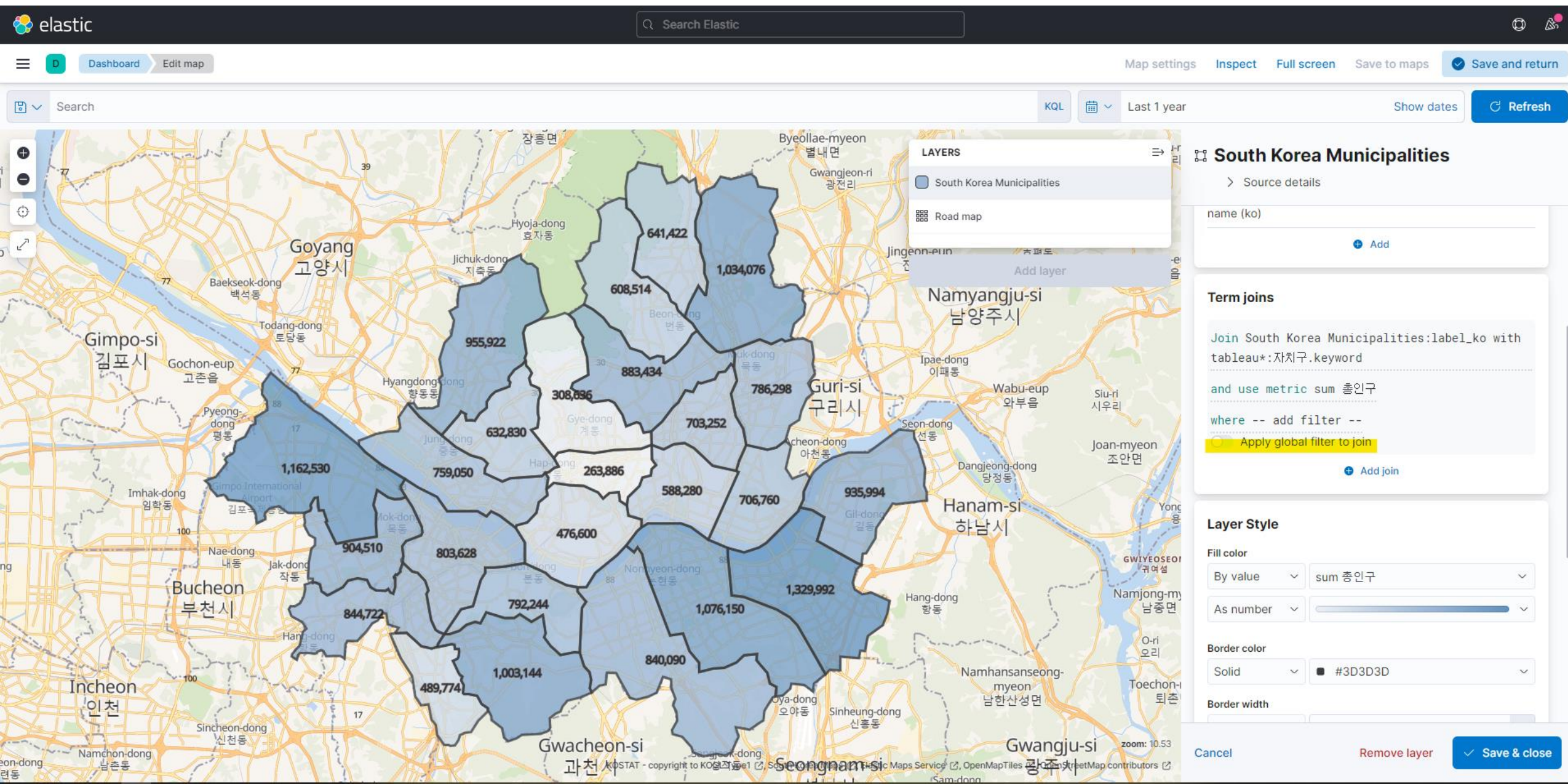
Clear form

Apply global filter to join을 사용함을 선택했으므로 지도 시각화 그래프에 아무것도 뜨지 않음을 알 수 있다.





이번에는 Apply global filter to join을 꺼버렸다.





커버리지

2km

✕

▼

충전소 개수

77

✕

▼

Apply changes

Cancel changes

Clear form

