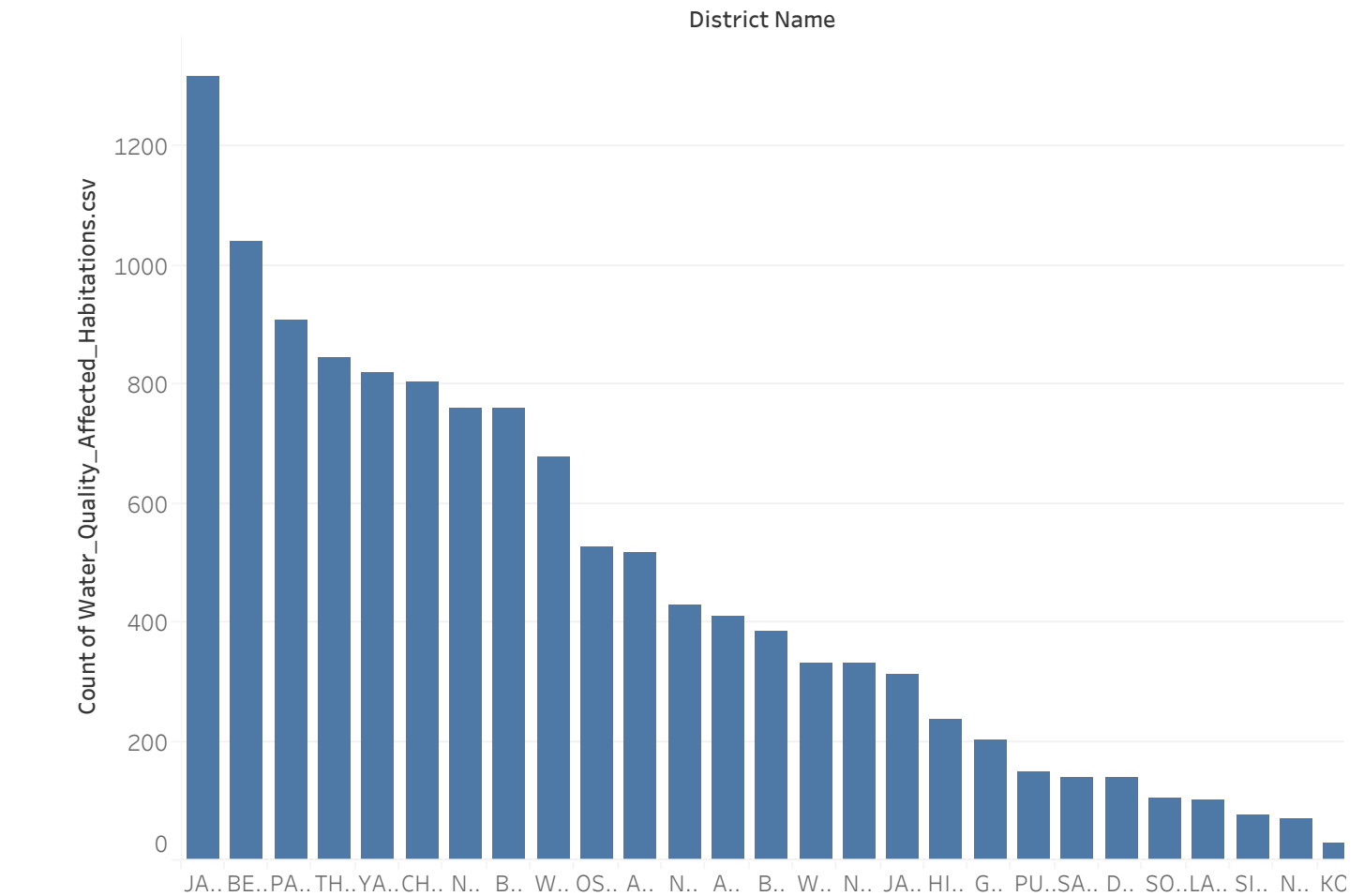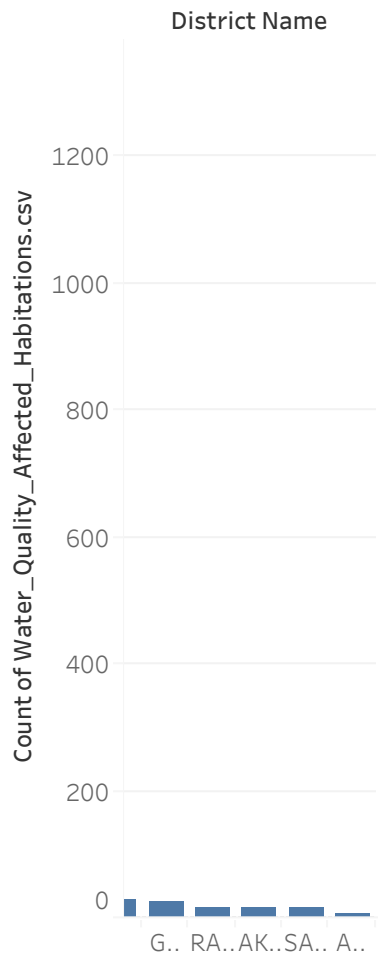# District wise affected habitations

Count of Water_Quality_Affected_Habitations.csv for each District Name. The data is filtered on Quality Parameter and State Name. The Quality Parameter filter keeps Arsenic, Fluoride, Iron, Nitrate and Salinity. The State Name filter keeps MAHARASHTRA. The view is filtered on District Name, which keeps 493 of 1,138 members.

District wise affected habitations
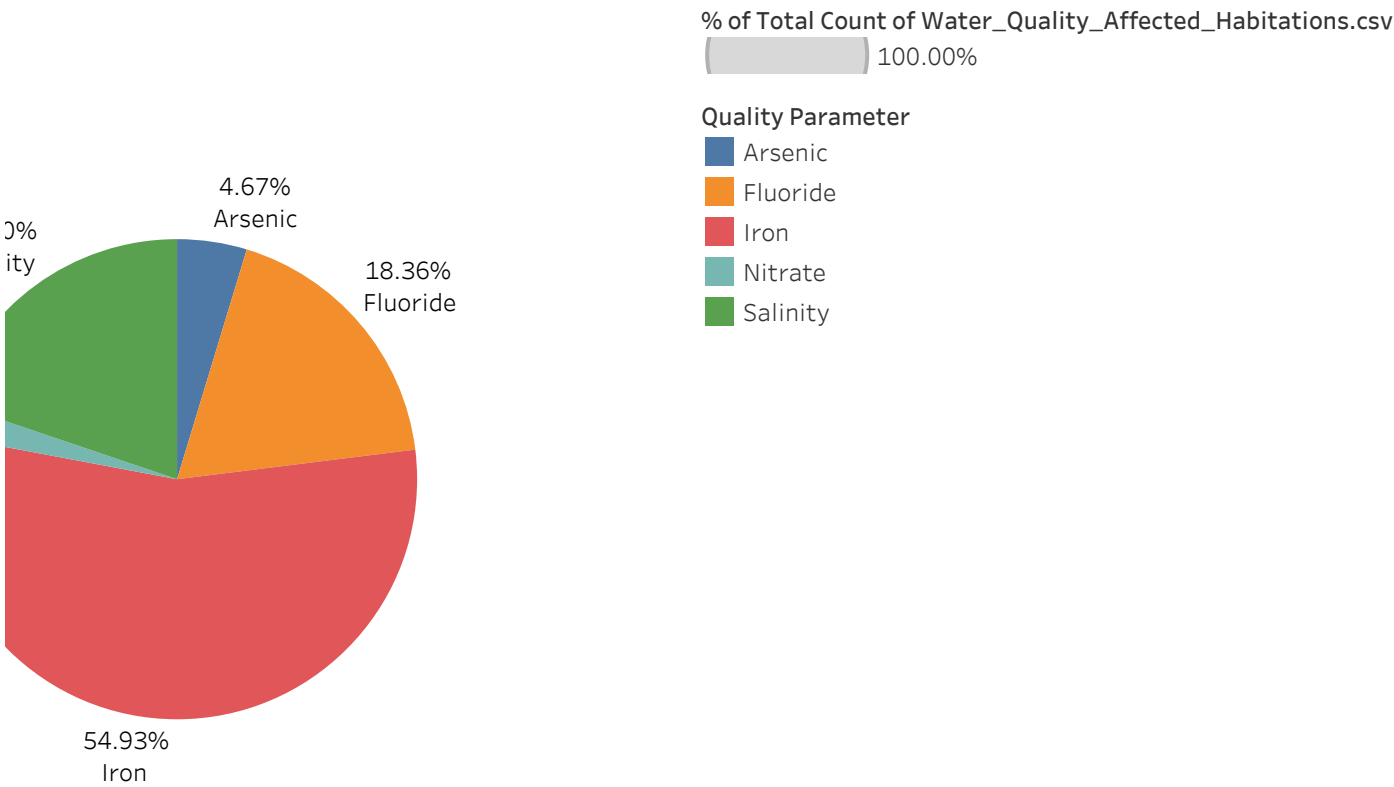
District Name

Count of Water_Quality_Affected_Habitations.csv for each District Name. The data is filtered on Quality Parameter and State Name. The Quality Parameter filter keeps Arsenic, Fluoride, Iron, Nitrate and Salinity. The State Name filter keeps MAHARASHTRA. The view is filtered on District Name, which keeps 493 of 1,138 members.

Present of Quality Parameter
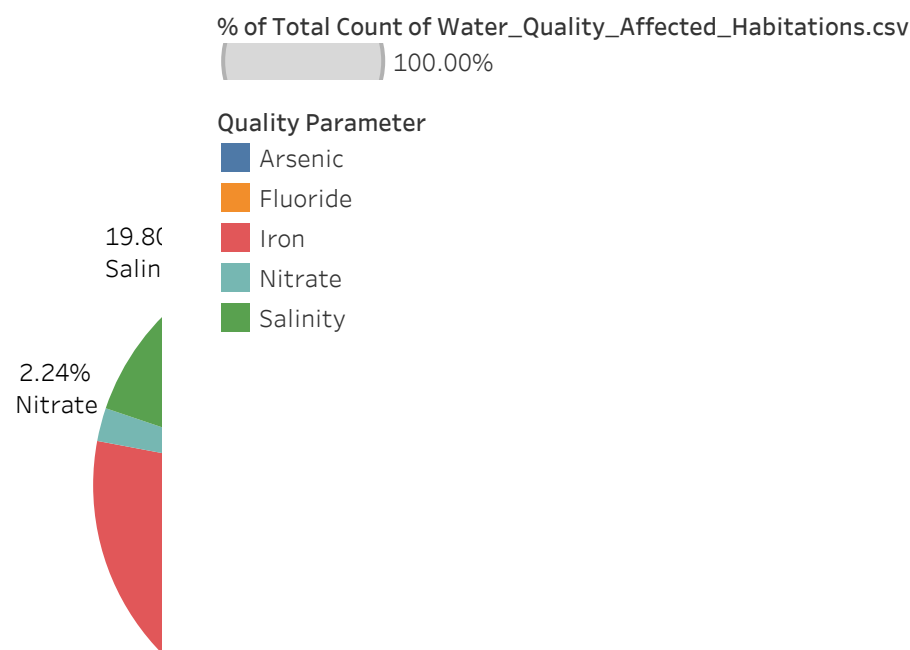
Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

19.8(
Salin

2.24%
Nitrate

% of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. Color shows details about Quality Parameter.
Size shows % of Total Count of
Water_Quality_Affected_Habitations.csv. The marks are
labeled by % of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. The data is filtered on Year Year, which keeps
2009, 2010, 2011 and 2012.

Present of Quality Parameter

Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

4.67%
Arsenic

18.36%
Fluoride

0%
ity

54.93%
Iron

% of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. Color shows details about Quality Parameter.
Size shows % of Total Count of
Water_Quality_Affected_Habitations.csv. The marks are
labeled by % of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. The data is filtered on Year Year, which keeps
2009, 2010, 2011 and 2012.

Present of Quality Parameter

% of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. Color shows details about Quality Parameter.
Size shows % of Total Count of
Water_Quality_Affected_Habitations.csv. The marks are
labeled by % of Total Count of
Water_Quality_Affected_Habitations.csv and Quality
Parameter. The data is filtered on Year Year, which keeps
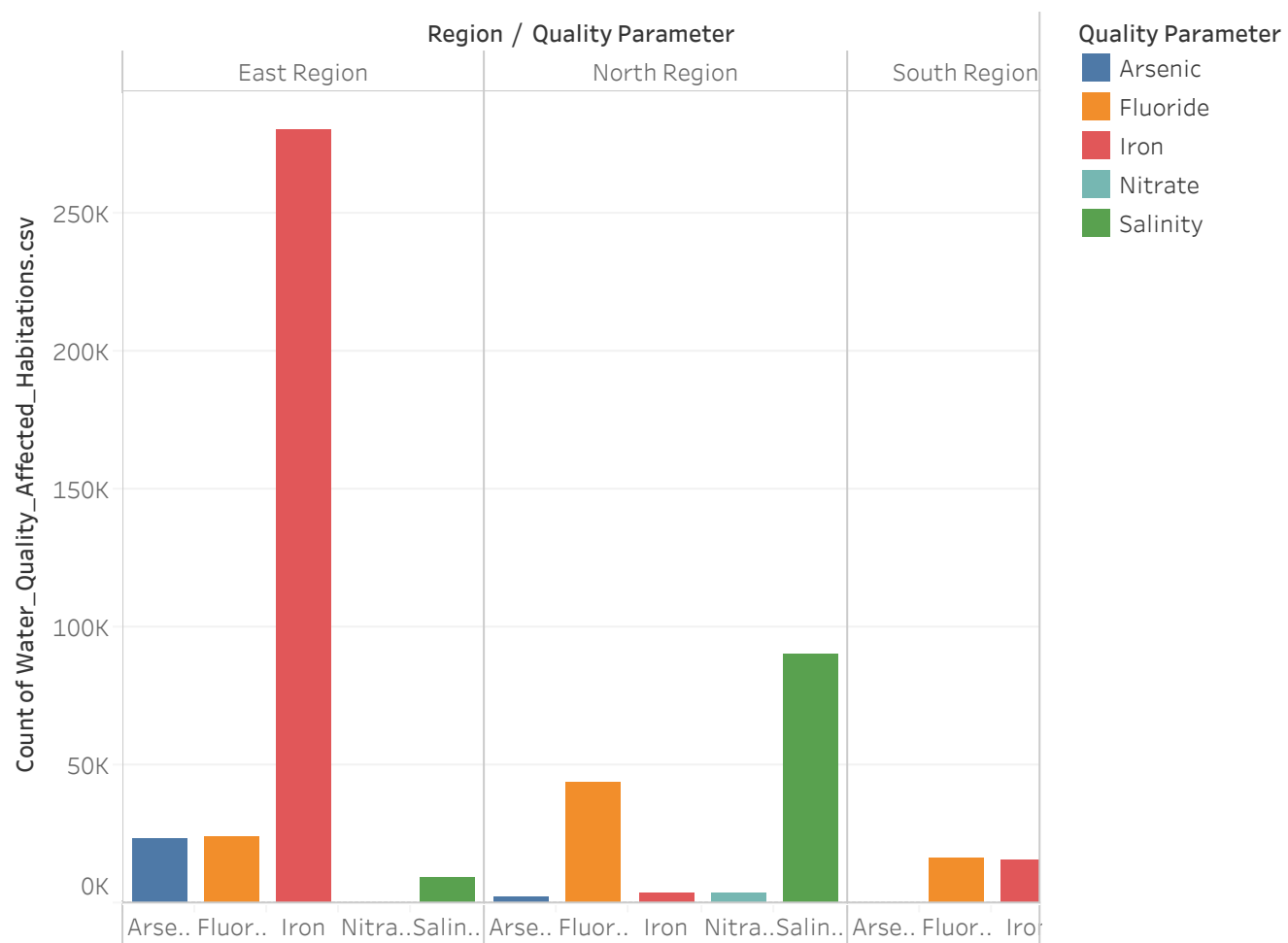2009, 2010, 2011 and 2012.

Region v/s Quality Parameter

Count of Water_Quality_Affected_Habitations.csv for each Quality Parameter broken down by Region. Color shows details about Quality Parameter. The data is filtered on Year Year, which keeps 2009, 2010, 2011 and 2012. The view is filtered on Region, which keeps East Region, North Region, South Region and West Region.

Region v/s Quality Parameter
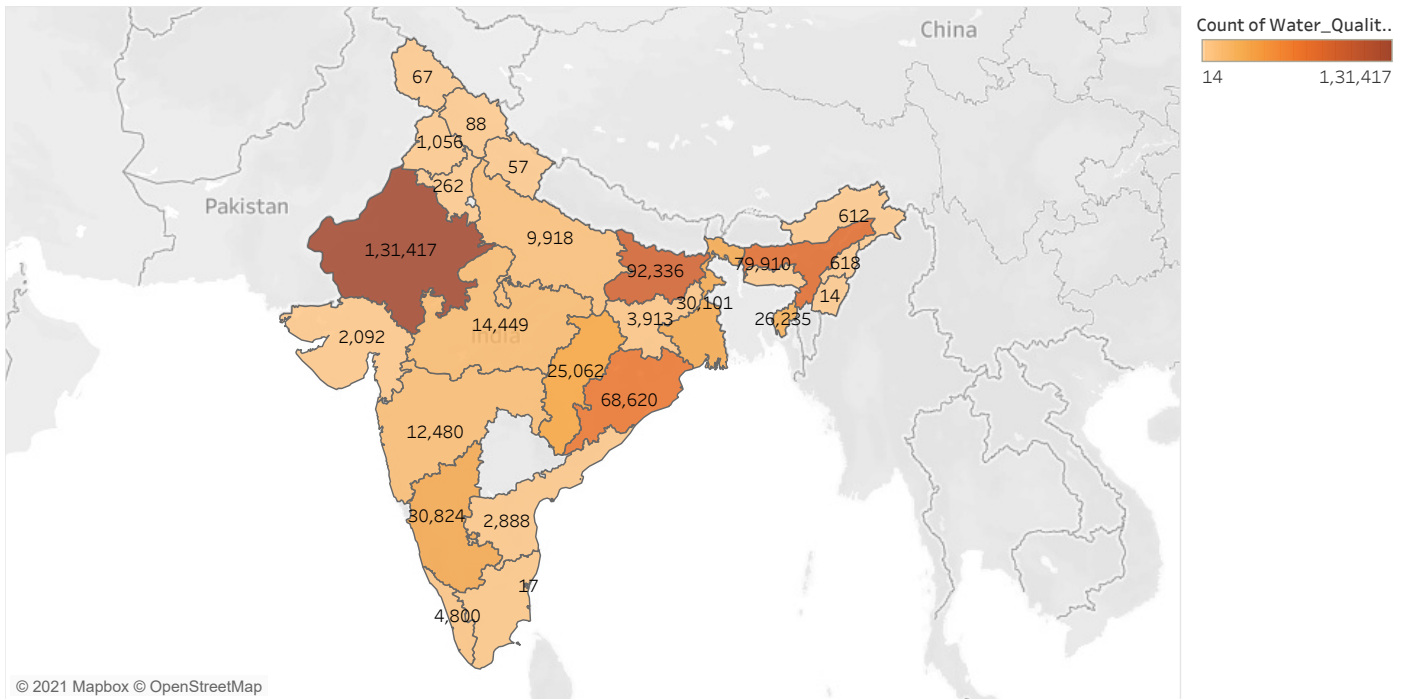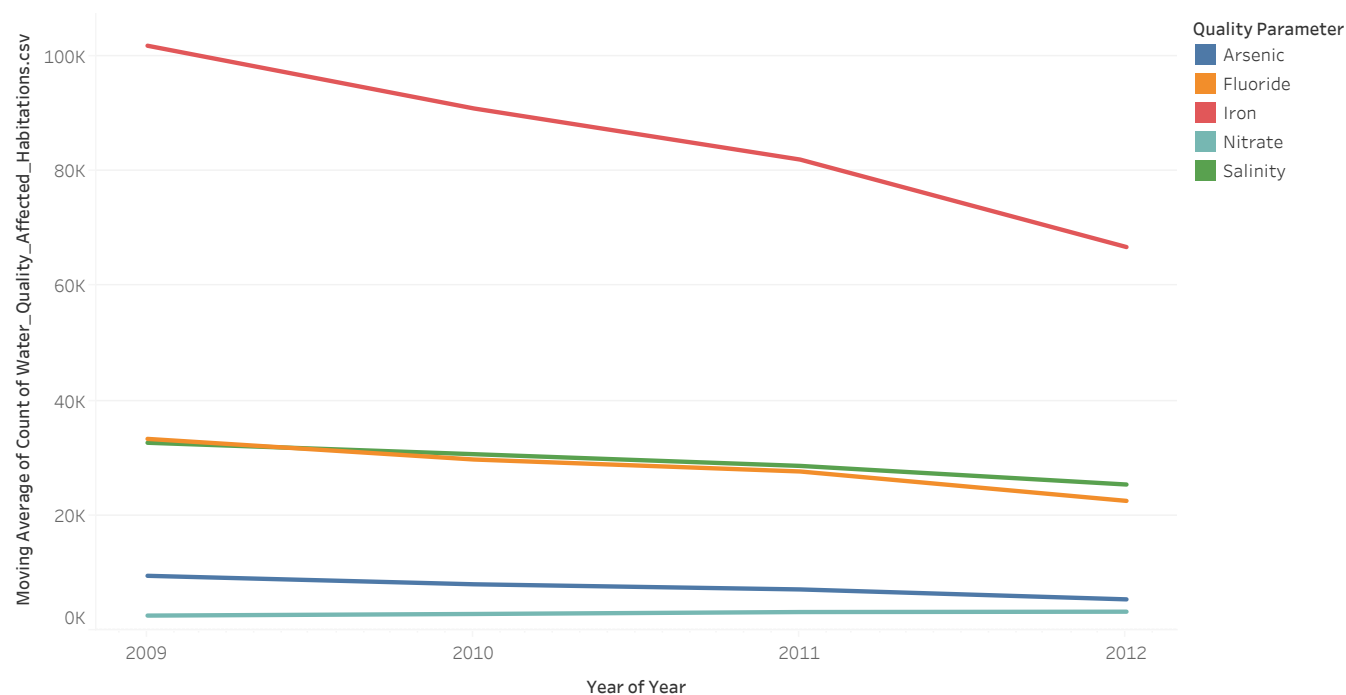
Region / Quality Parameter

Count of Water_Quality_Affected_Habitations.csv for each Quality Parameter broken down by Region. Color shows details about Quality Parameter. The data is filtered on Year Year, which keeps 2009, 2010, 2011 and 2012. The view is filtered on Region, which keeps East Region, North Region, South Region and West Region.

State wise water quality affected habitation

China

Pakistan

67

88

1,056

57

262

9,918

131,417

612

618

92,336

79,910

14

30,101

26,235

India

14,449

3,913

2,092

25,062

68,620

12,480

30,824

2,888

17

4,800

© 2021 Mapbox © OpenStreetMap

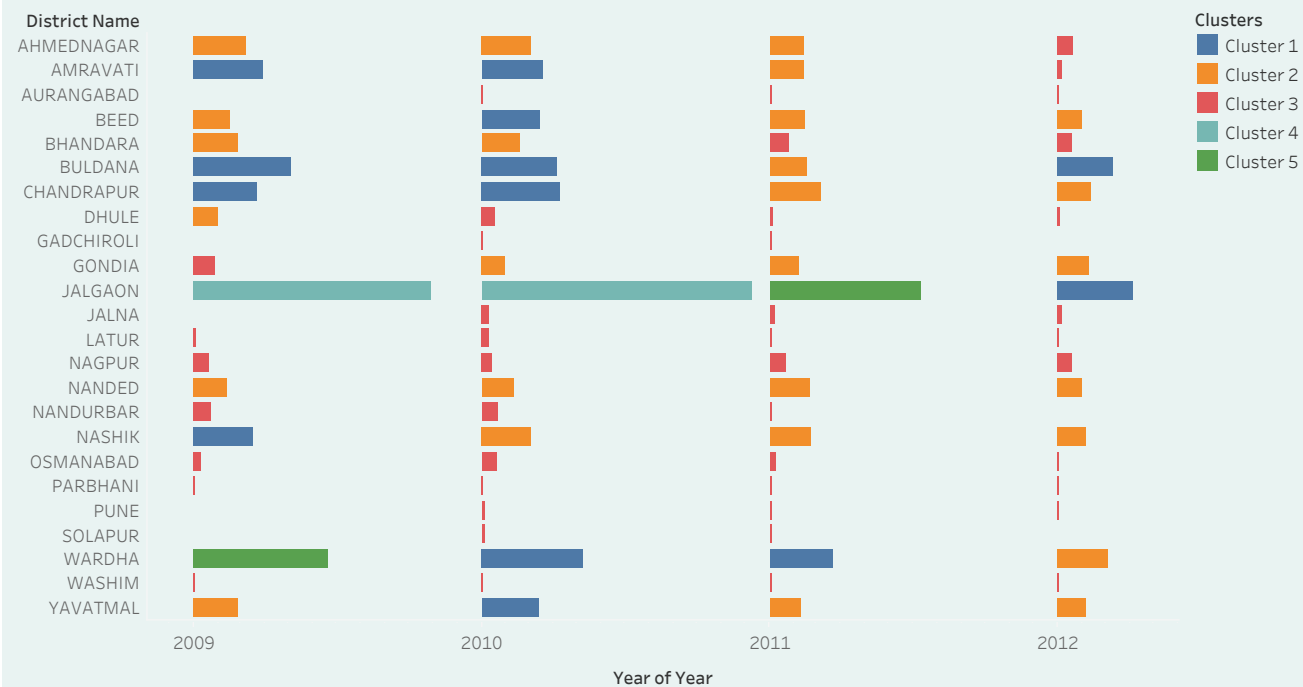Count of Water_Qualit..

14   1,31,417

Map based on Longitude (generated) and Latitude (generated). Color shows count of Water_Quality_Affected_Habitations.csv. The marks are labeled by count of Water_Quality_Affected_Habitations.csv. Details are shown for State Name.
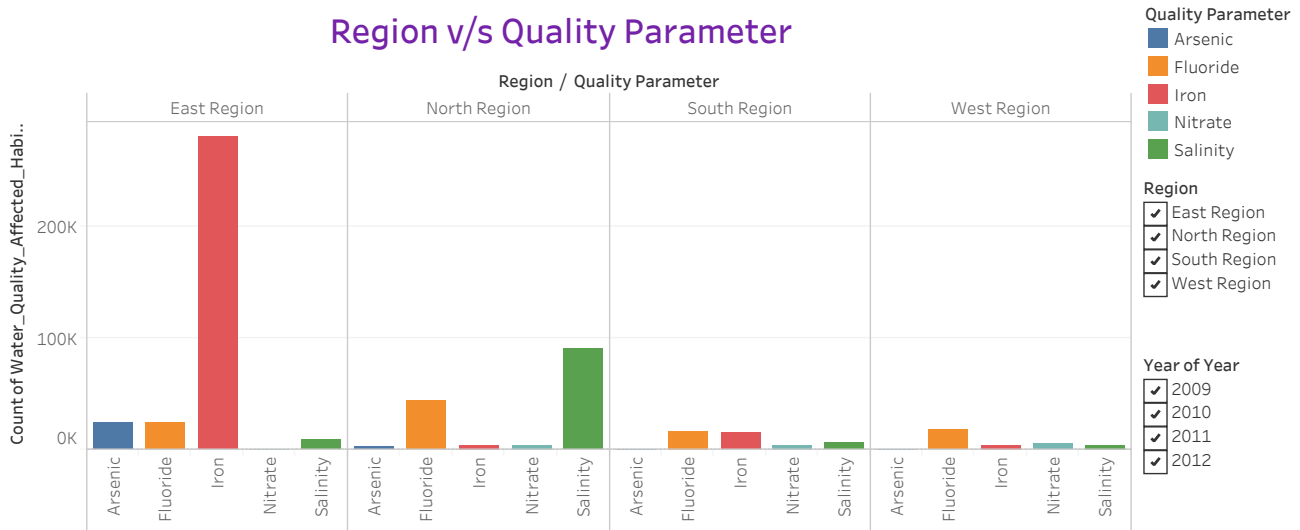
Growth of the affected area over year

The trend of Moving Average of Count of Water_Quality_Affected_Habitations.csv for Year Year. Color shows details about Quality Parameter. The data is filtered on Region and Year Year. The Region filter keeps East Region, North Region, South Region and West Region. The Year Year filter keeps 2009, 2010, 2011 and 2012.

Year wise growth of affected habitations

District Name

	2009	2010	2011	2012

Year Year for each District Name. Color shows details about Clusters. Size shows count of Water_Quality_Affected_Habitations.csv. Details are shown for District Name. The data is filtered on State Name and Quality Parameter. The State Name filter keeps MAHARASHTRA. The Quality Parameter filter keeps Arsenic and Nitrate.

Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5

Region v/s Quality Parameter

Growth of the affected area over year
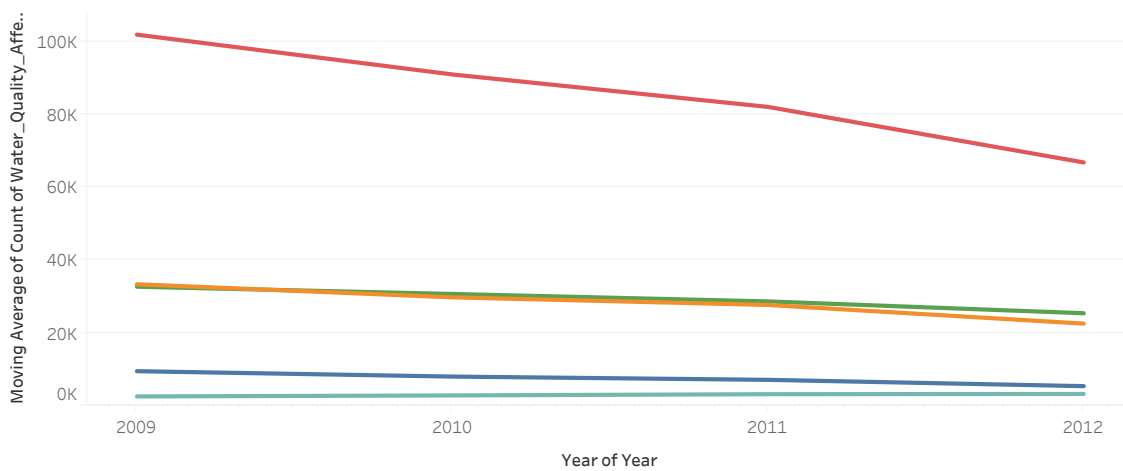
Year wise growth of affected habitations

Quality Parameter
All

District Name
All

State Name
MAHARASHTRA

Clusters
- Cluster 1
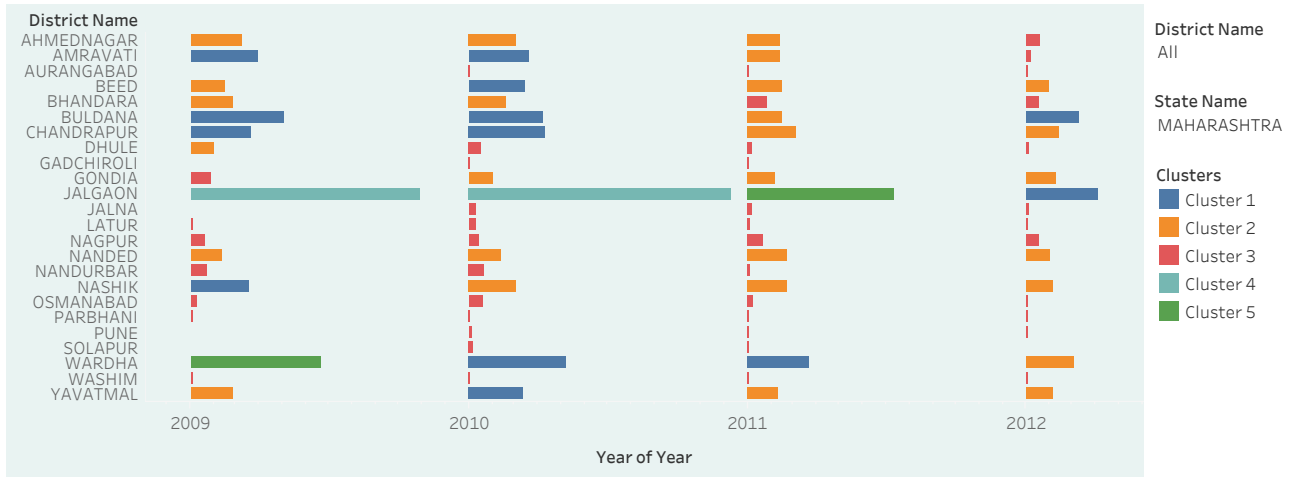- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5

District wise affected habitations

States

Map based on Longitude (generated) and Latitude (generated). Color shows details about State Name. The marks are labeled by State Name.

State Name
- ANDHRA PRADESH
- ARUNACHAL PRADESH
- ASSAM
- BIHAR
- CHATTISGARH
- CHHATTISGARH
- GUJARAT
- HARYANA
- HIMACHAL PRADESH
- JAMMU AND KASHMIR
- JHARKHAND
- KARNATAKA
- KERALA
- MADHYA PRADESH
- MAHARASHTRA
- MANIPUR
- MEGHALAYA
- NAGALAND
- ORISSA
- PUDUCHERRY
- PUNJAB
- RAJASTHAN
- TAMIL NADU
- TRIPURA
- UTTAR PRADESH
- UTTARAKHAND
- WEST BENGAL

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Bird's eye of Regions affected
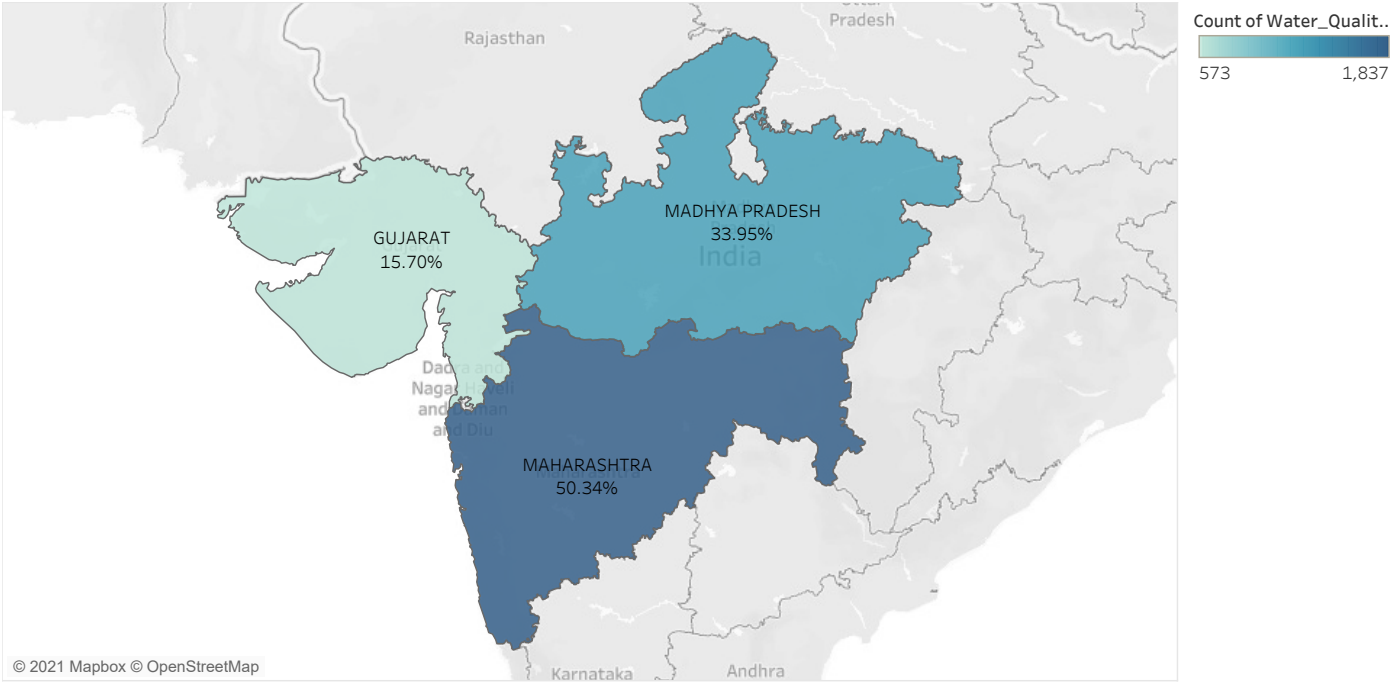
Count of Water_Qualit..

573   1,837

Rajasthan

Uttar Pradesh

GUJARAT
15.70%

MADHYA PRADESH
33.95%

India

Dadra and
Nagar Haveli
and Daman
and Diu

MAHARASHTRA
50.34%

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Karnataka   Andhra

Map based on Longitude (generated) and Latitude (generated). Color shows count of Water_Quality_Affected_Habitations.csv. The marks are labeled by State Name and % of Total Count of Water_Quality_Affected_Habitations.csv. The data is filtered on Quality Parameter and Region. The Quality Parameter filter keeps Salinity. The Region filter keeps West Region.

Water Quality Affected Areas
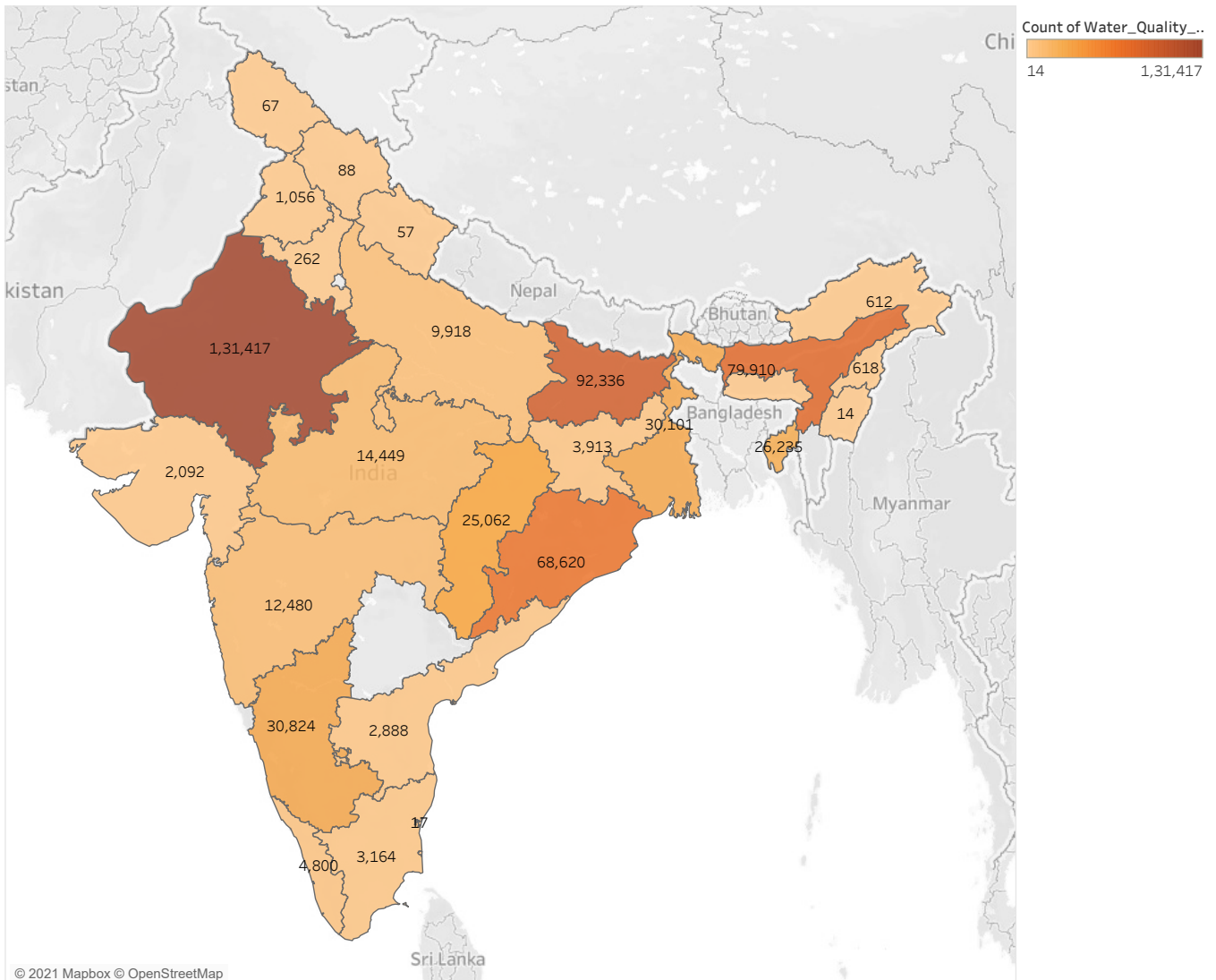
Count of Water_Quality_...
14 — 1,31,417

67

88

1,056

57

262

612

1,31,417

9,918

92,336

79,910

618

30,101

14

2,092

14,449

3,913

26,235

25,062

68,620

12,480

30,824

2,888

17

4,800

3,164

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Water Quality Affected Areas

District Name

Quality Parameter
- ☑ Arsenic
- ☑ Fluoride
- ☑ Iron
- ☑ Nitrate
- ☑ Salinity

Count of Water_Quality_Affected_Habitations.csv

Water Quality Affected Areas

| | **All over the india iron was mostly present in all the states** | |

Year of Year
- ✔ 2009
- ✔ 2010
- ✔ 2011
- ✔ 2012

Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

% of Total Count of Water..
100.00%

4.67%
Arsenic

18.36%
Fluoride

19.80%
Salinity

2.24%
Nitrate

54.93%
Iron

Water Quality Affected Areas

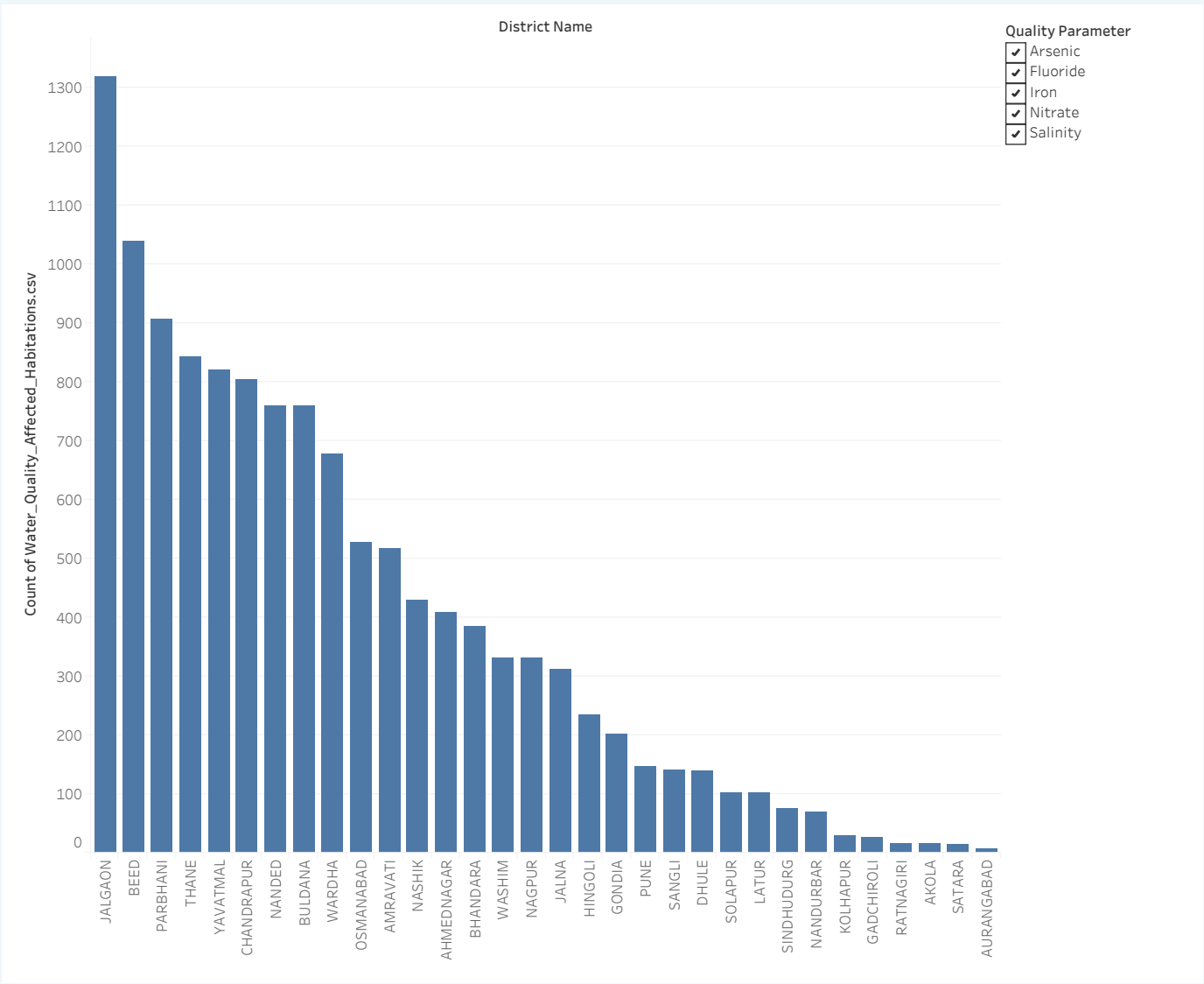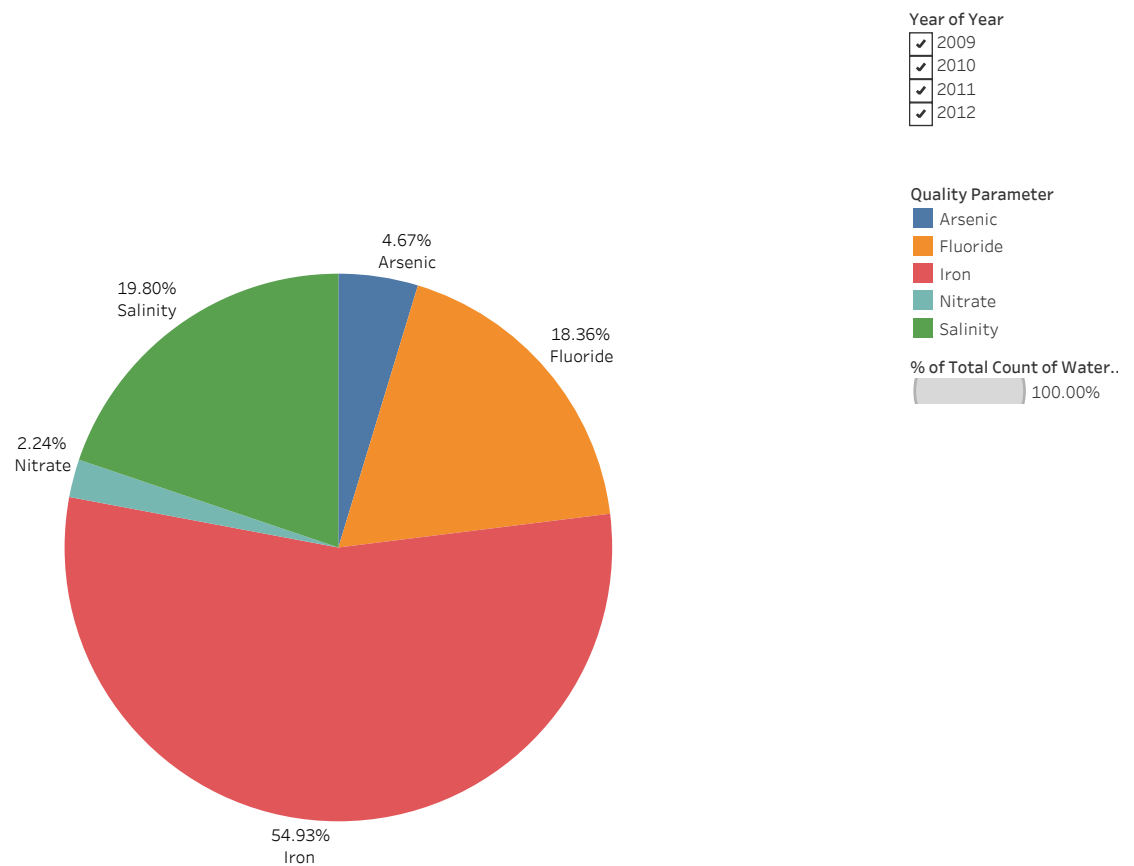| Aurang abad sh owed l.. | All over the india iron was mostly present in all the states | East Region States have maximum amount of Iron | Over the year there was decrease in iron in water | Jalgoan district of maharas.. |

Region / Quality Parameter

Count of Water_Quality_Affected_Habitations.csv

Year of Year
- ✔ 2009
- ✔ 2010
- ✔ 2011
- ✔ 2012

Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

East Region | North Region | South Region | West Region

Water Quality Affected Areas

Region
- ✔ East Region
- ✔ North Region
- ✔ South Region
- ✔ West Region

Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

Y-axis: Moving Average of Count of Water_Quality_Affected_Habitations.csv (0K, 10K, 20K, 30K, 40K, 50K, 60K, 70K, 80K, 90K, 100K)

X-axis: Year of Year (2009, 2010, 2011, 2012)

Water Quality Affected Areas

District Name

AHMEDNAGAR
AMRAVATI
AURANGABAD
BEED
BHANDARA
BULDANA
CHANDRAPUR
DHULE
GADCHIROLI
GONDIA
JALGAON
JALNA
LATUR
NAGPUR
NANDED
NANDURBAR
NASHIK
OSMANABAD
PARBHANI
PUNE
SOLAPUR
WARDHA
WASHIM
YAVATMAL

2009   2010   2011   2012

Year of Year

State Name

ANDHRA PRADESH
ARUNACHAL PRADESH
ASSAM
BIHAR
CHATTISGARH
CHHATTISGARH
GUJARAT
HARYANA
HIMACHAL PRADESH
JAMMU AND KASHMIR
JHARKHAND
KARNATAKA
KERALA
MADHYA PRADESH
✔ MAHARASHTRA
MANIPUR
MEGHALAYA
NAGALAND
ORISSA
PUDUCHERRY
PUNJAB
RAJASTHAN
TAMIL NADU
TRIPURA
UTTAR PRADESH
UTTARAKHAND
WEST BENGAL

Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5

Water Quality Affected Areas

Region v/s Quality Parameter

Region / Quality Parameter

Quality Parameter
- Arsenic
- Fluoride
- Iron
- Nitrate
- Salinity

Region
- ✔ East Region
- ✔ North Region
- ✔ South Region
- ✔ West Region

Year of Year
- ✔ 2009
- ✔ 2010
- ✔ 2011
- ✔ 2012

Growth of the affected area over year
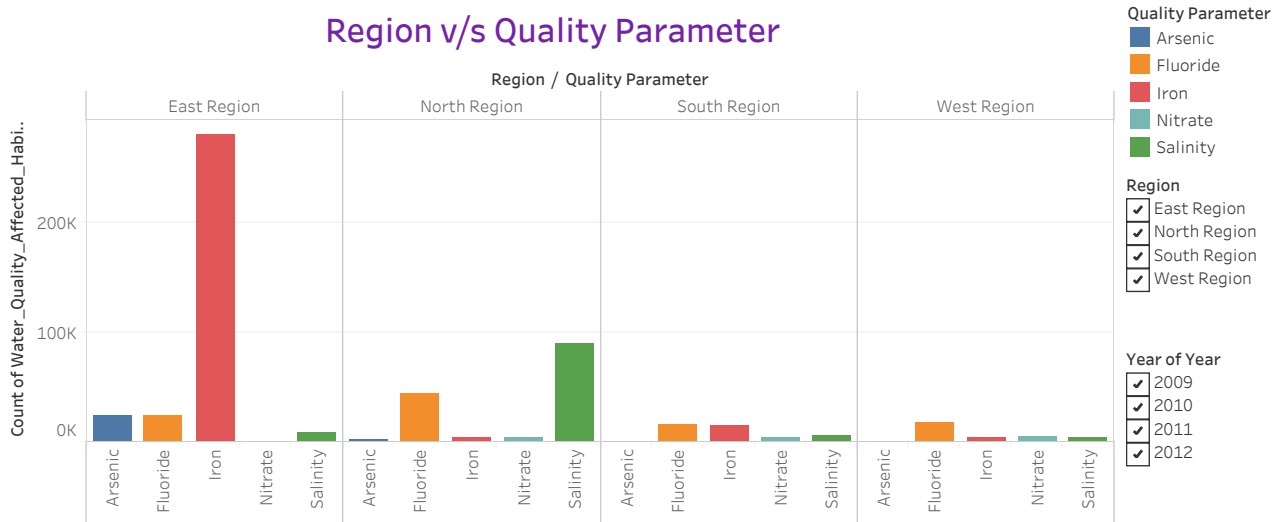
Water Quality Affected Areas

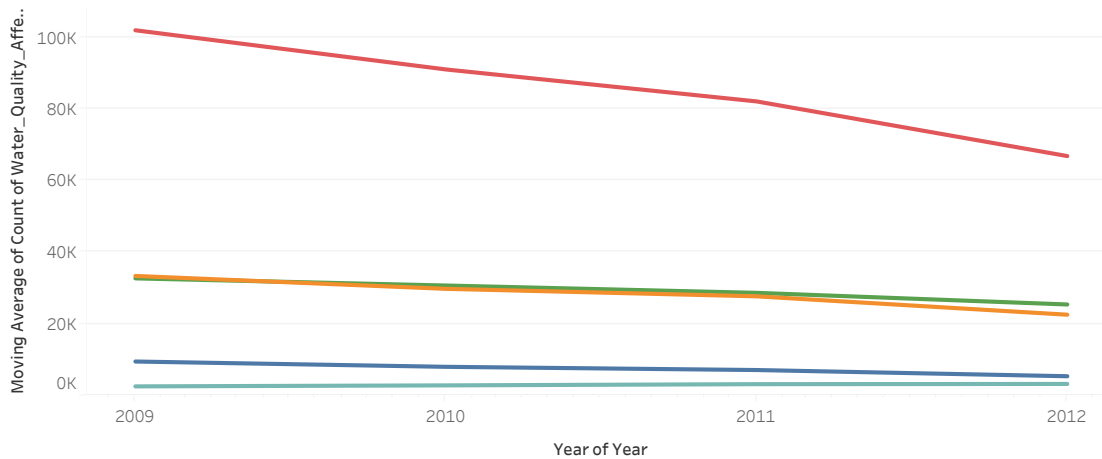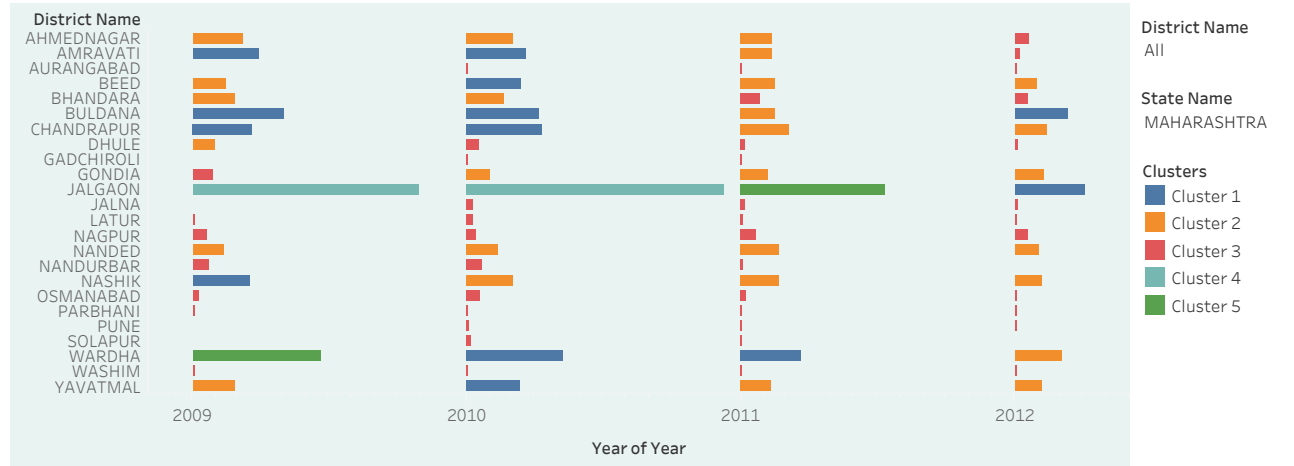| Over the year there was decrease in iron in water	Jalgoan district of maharashtra has more water quality affected habitations	Water quality affected regions over the year	District wise water quality affected habitations

Year wise growth of affected habitations

Quality Parameter
All

District Name
All

State Name
MAHARASHTRA

Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5

District Name: AHMEDNAGAR, AMRAVATI, AURANGABAD, BEED, BHANDARA, BULDANA, CHANDRAPUR, DHULE, GADCHIROLI, GONDIA, JALGAON, JALNA, LATUR, NAGPUR, NANDED, NANDURBAR, NASHIK, OSMANABAD, PARBHANI, PUNE, SOLAPUR, WARDHA, WASHIM, YAVATMAL

Year of Year: 2009, 2010, 2011, 2012

District wise affected habitations

District Name

Count of Water_Quality_Affected_Ha..

District Name: JALGAON, BEED, PARBHANI, THANE, YAVATMAL, CHANDRAPUR, NANDED, BULDANA, WARDHA, OSMANABAD, AMRAVATI, NASHIK, AHMEDNAGAR, BHANDARA, WASHIM, NAGPUR, JALNA, HINGOLI, GONDIA, PUNE, SANGLI, DHULE, SOLAPUR, LATUR, SINDHUDURG, NANDURBAR, KOLHAPUR, GADCHIROLI, RATNAGIRI, AKOLA, SATARA, AURANGABAD