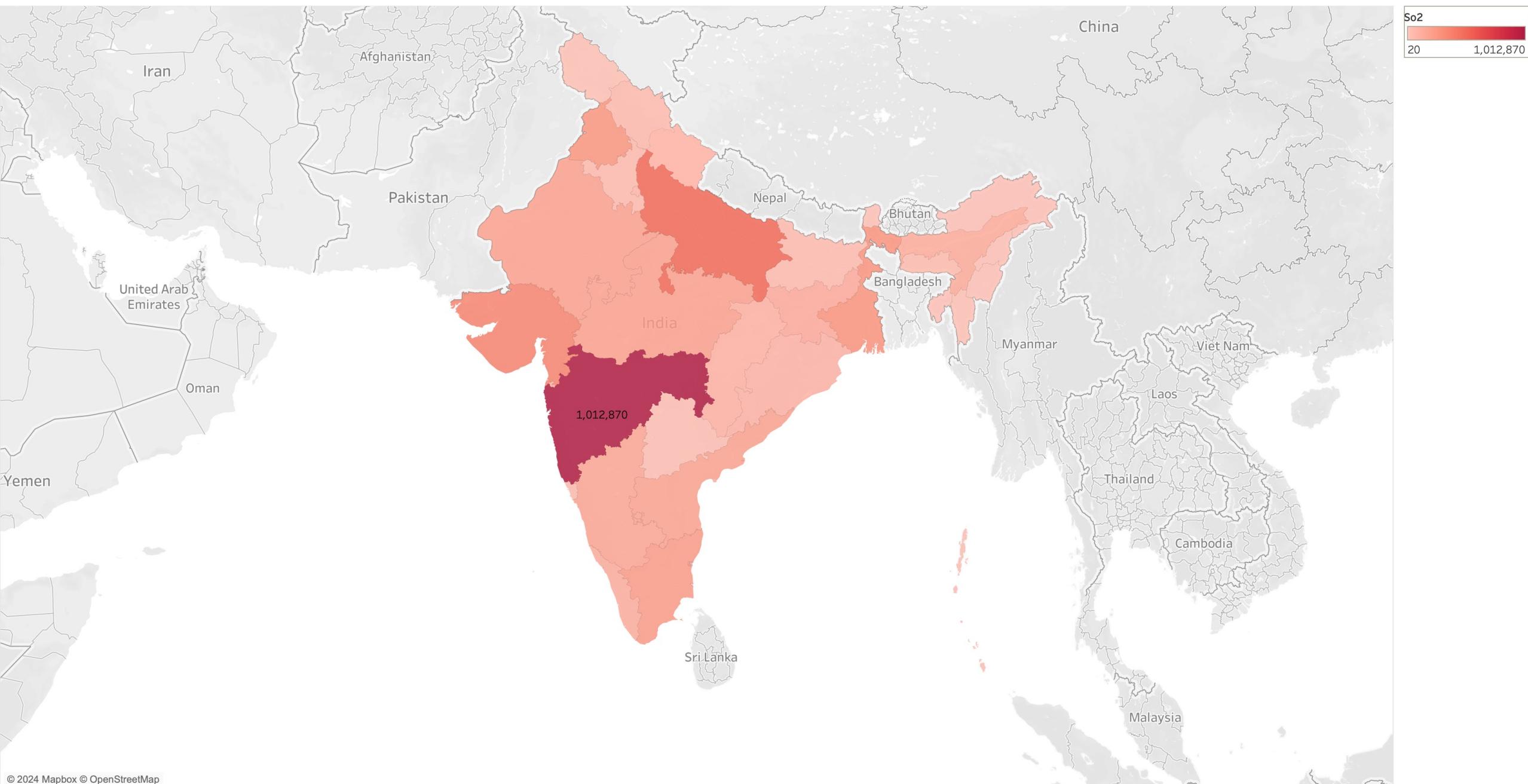


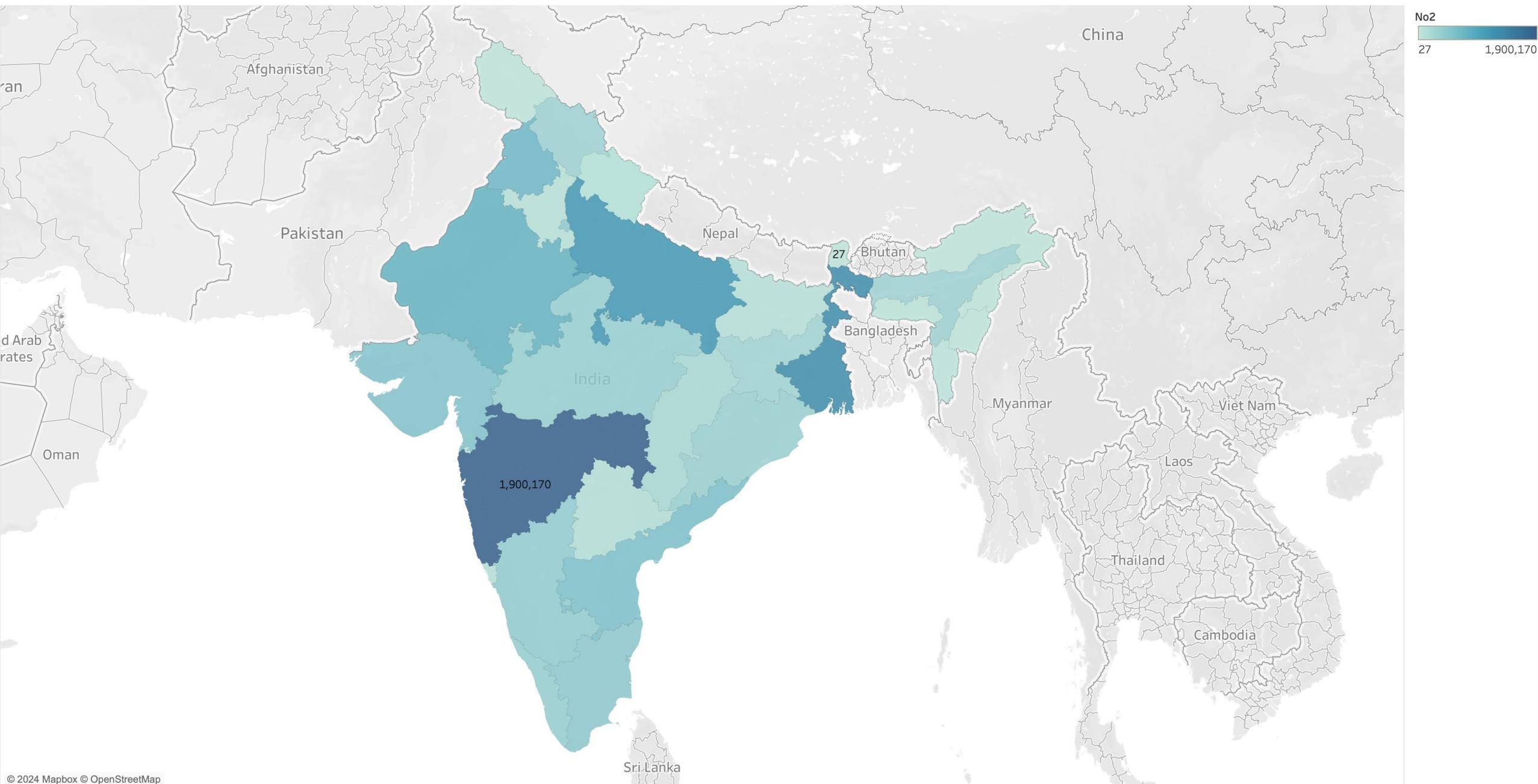
Air Quality Analysis using Tableau

File created on: 21/01/24 2:57:51 am IST

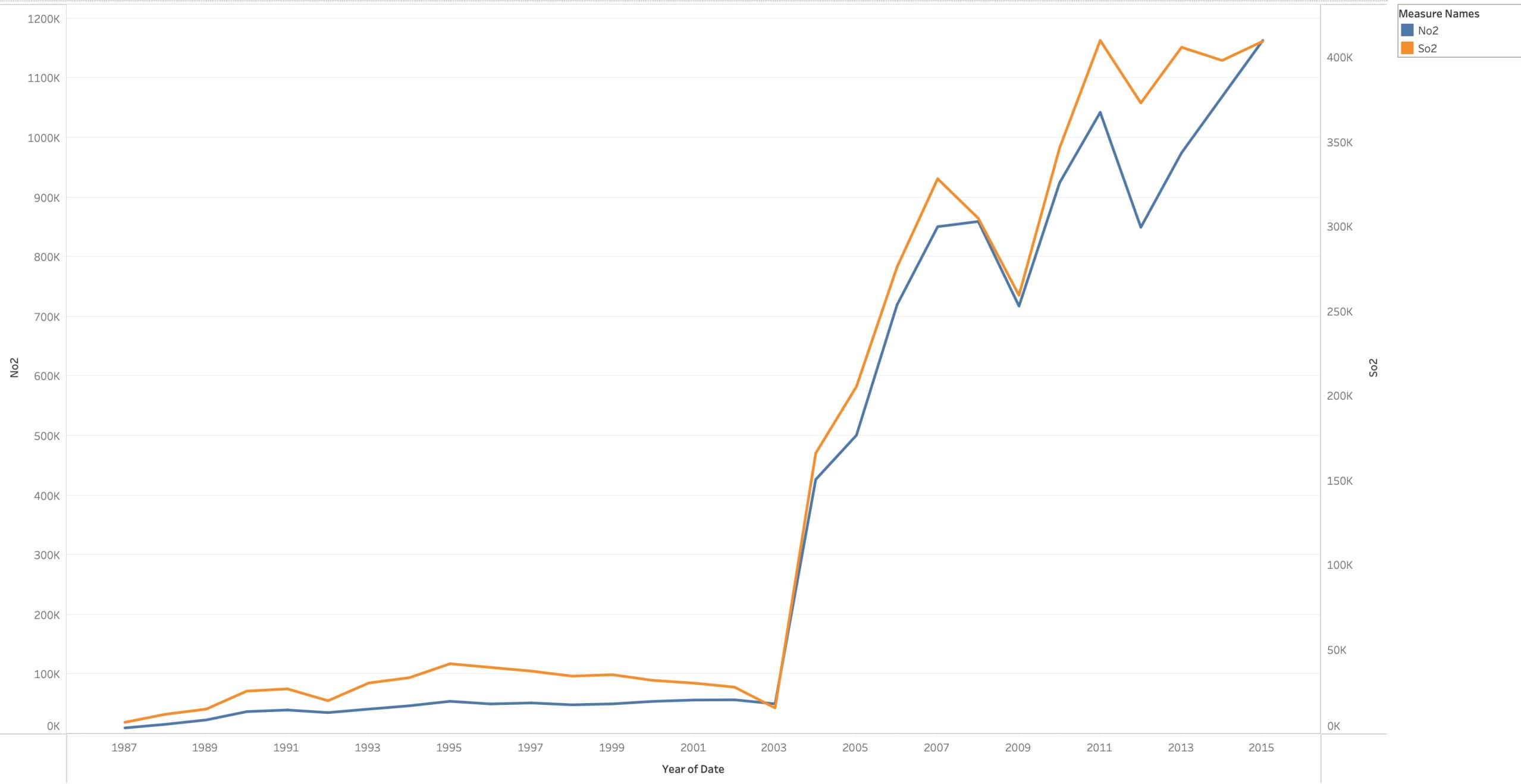
Visualization of Sulfur Dioxide (SO₂) Levels Across India



Indian Map visualisation based on NO₂ levels

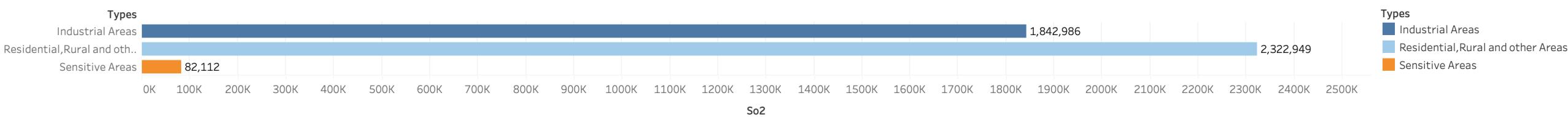


Air Quality throughout the Years

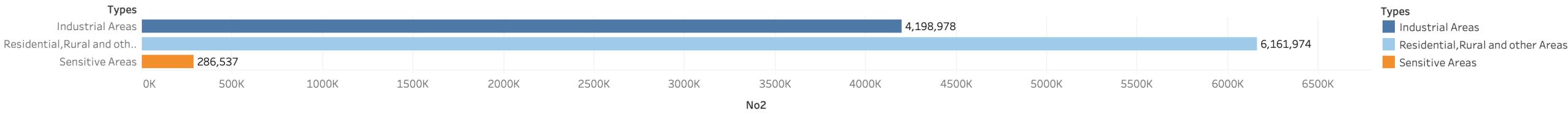


The trends of NO₂ and SO₂ for Date Year. Color shows details about NO₂ and SO₂. The data is filtered on Date Quarter, which excludes Null.

SO₂ levels according to the type of livelihoods

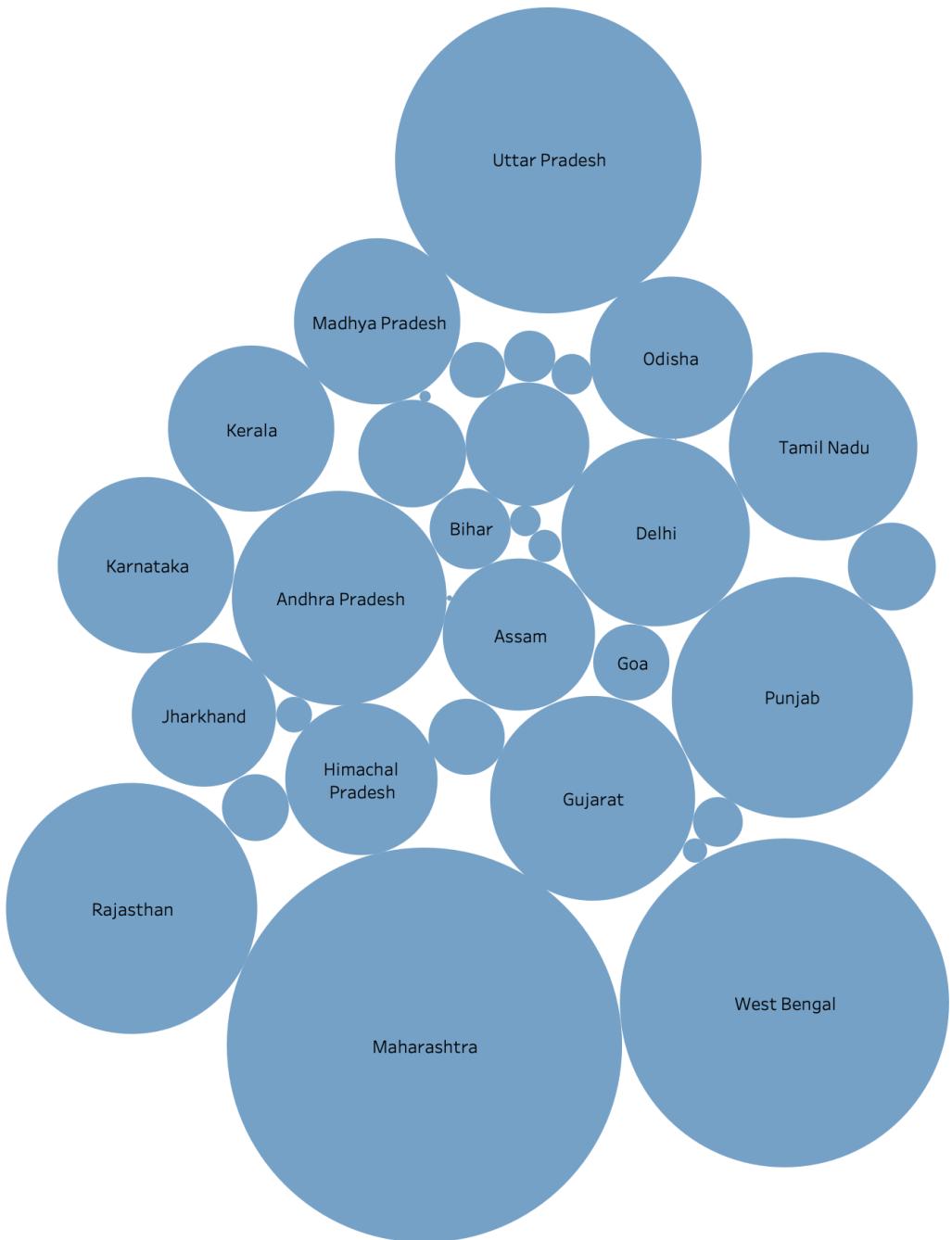


NO2 levels according to the type of livelihoods



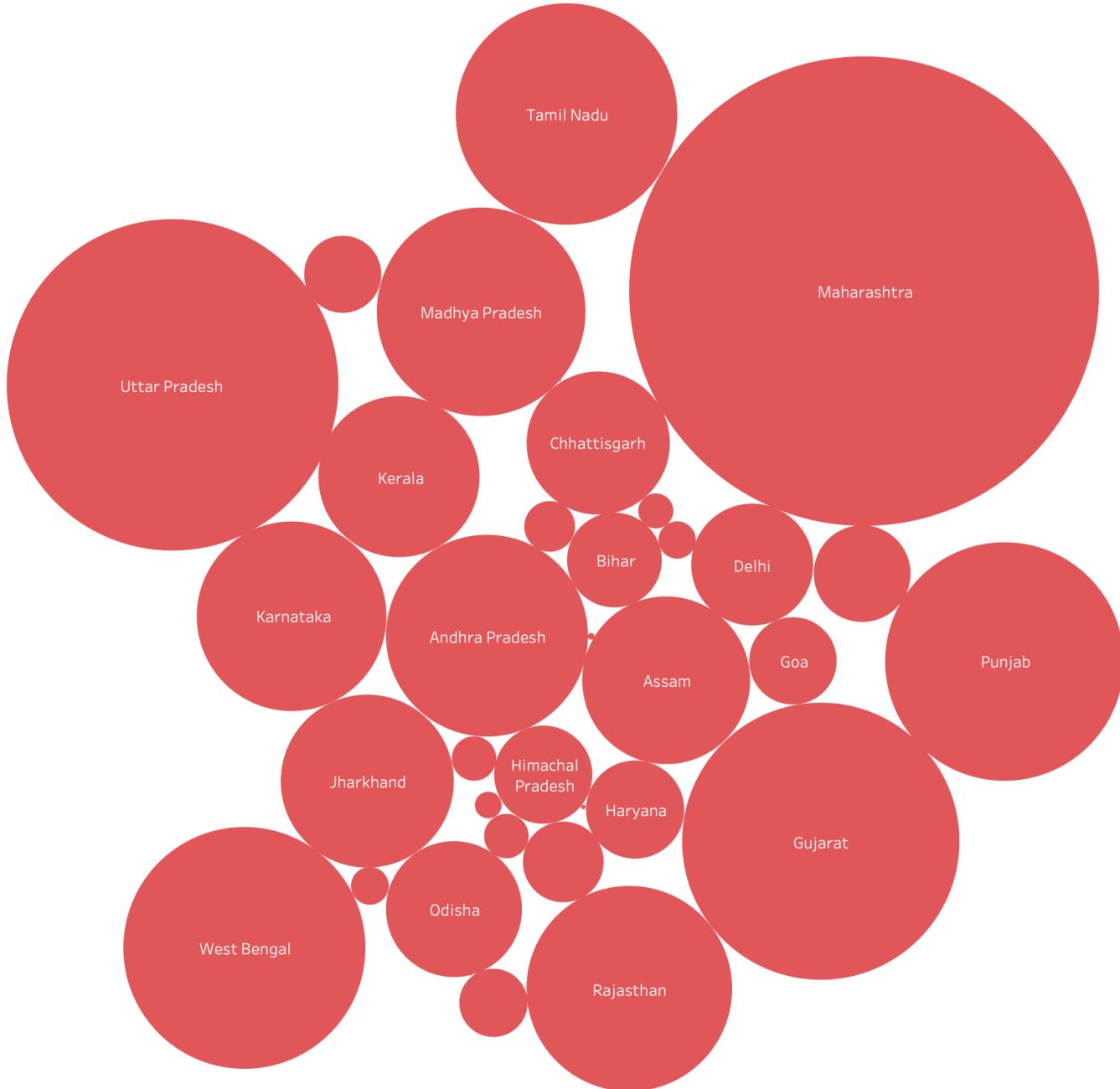
Sum of No2 for each Types. Color shows details about Types. The view is filtered on Types, which keeps Industrial Areas, Residential,Rural and other Areas and Sensitive Areas.

NO2 Bubble based on different states



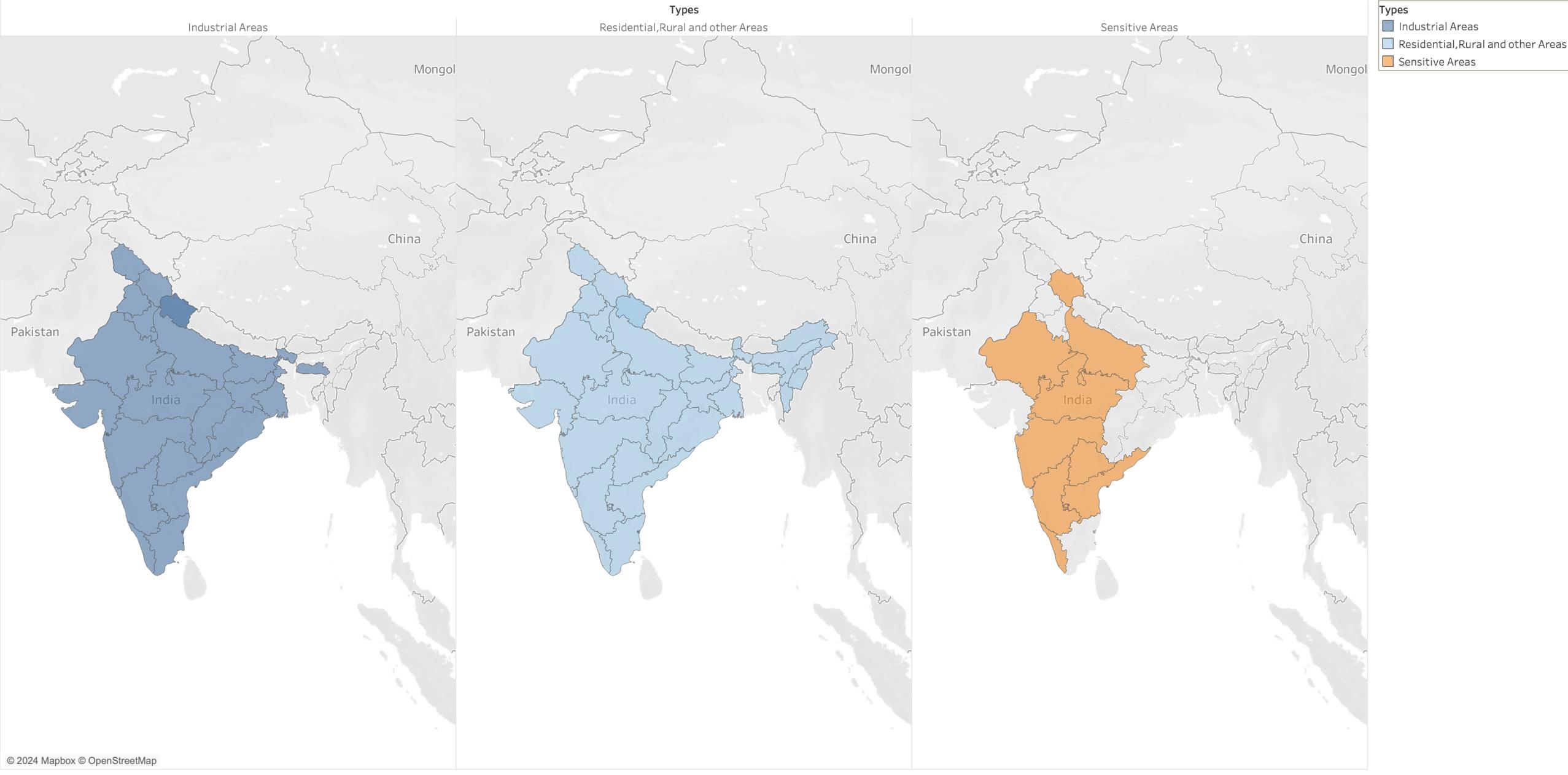
State. Size shows sum of NO₂. The marks are labeled by State. The view is filtered on sum of NO₂, which keeps non-Null values only.

SO₂ Bubble based on different states

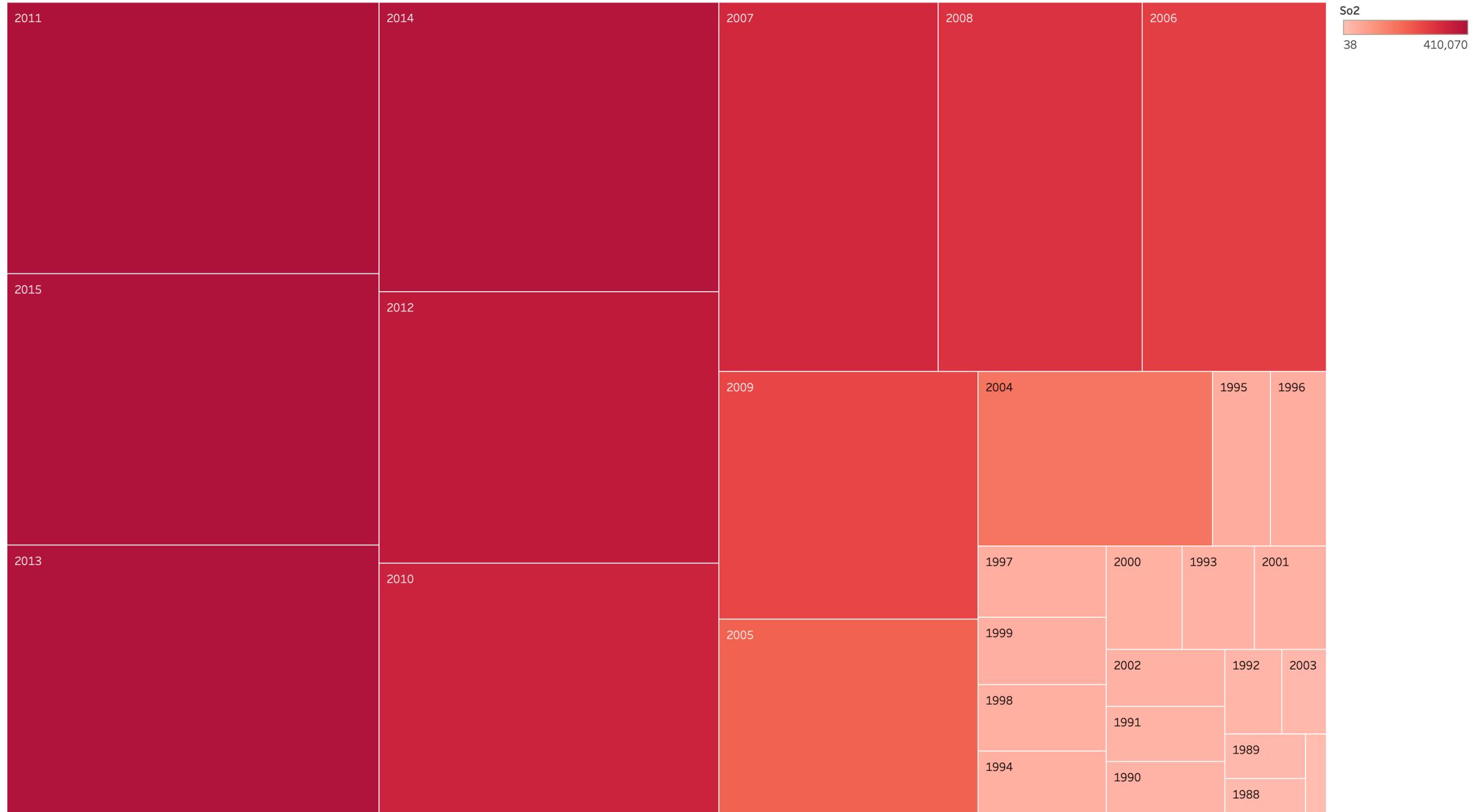


State. Size shows sum of SO₂. The marks are labeled by State. The view is filtered on sum of SO₂, which keeps non-Null values only.

Geographical Area of different livelihood types

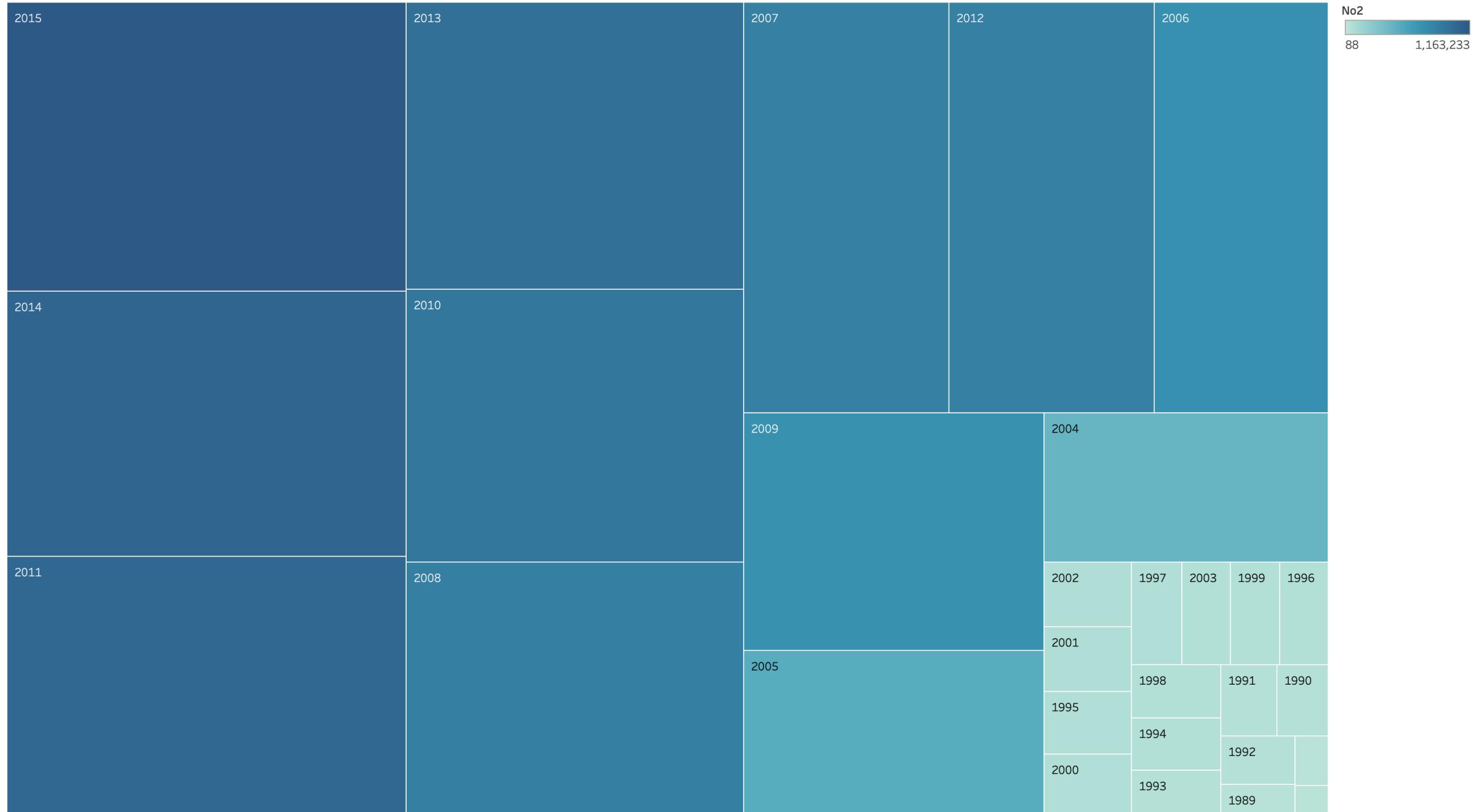


SO₂ emission growth through the years



Date Year. Color shows sum of SO₂. Size shows sum of SO₂. The marks are labeled by Date Year.

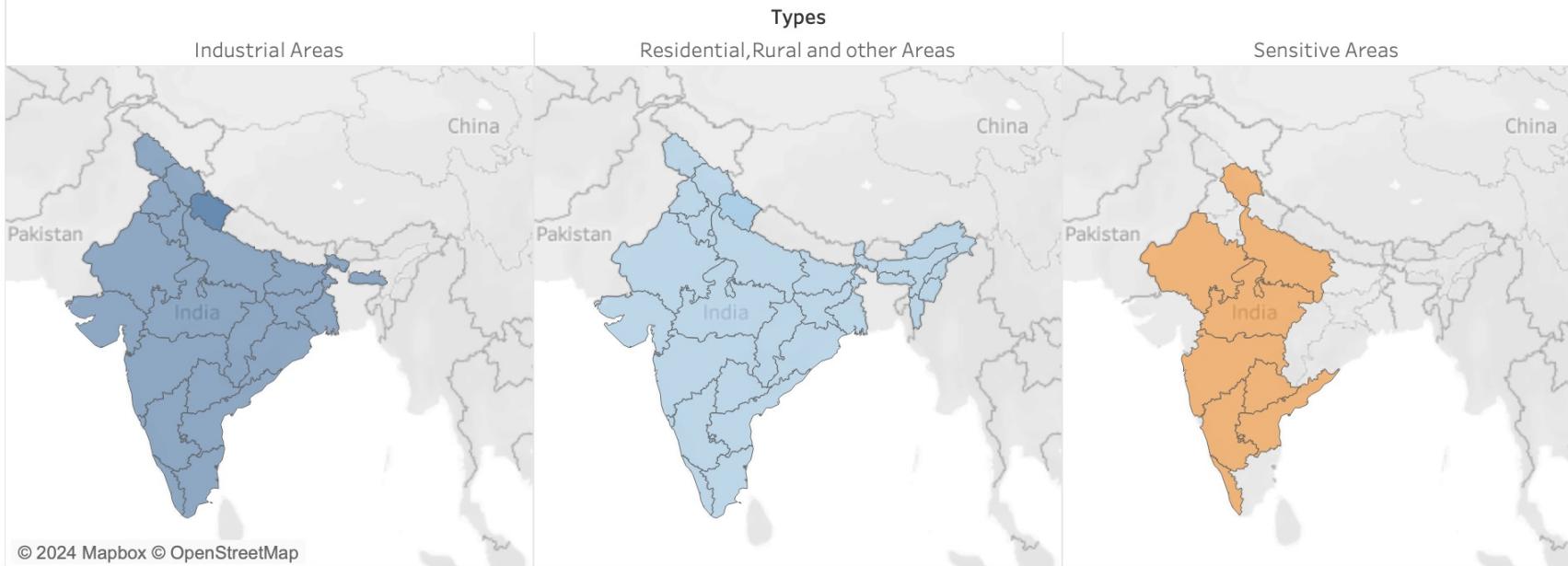
NO₂ emission growth through the years



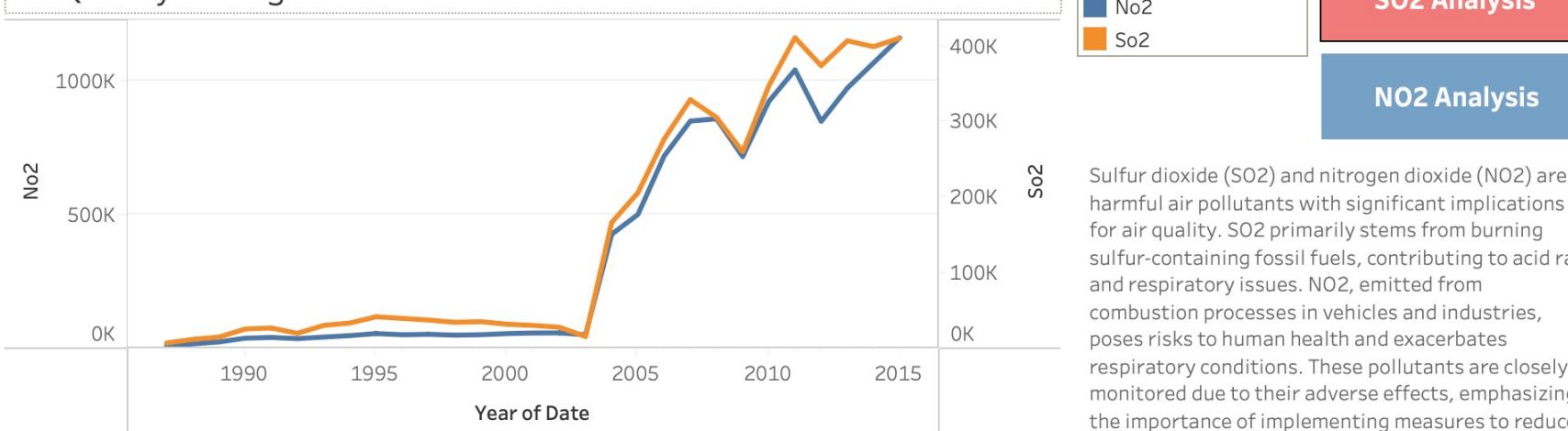
Air Quality Analysis on India states

Types
Industrial Areas
Residential,Rural and other Areas
Sensitive Areas

Geographical Area of different livelihood types



Air Quality throughout the Years

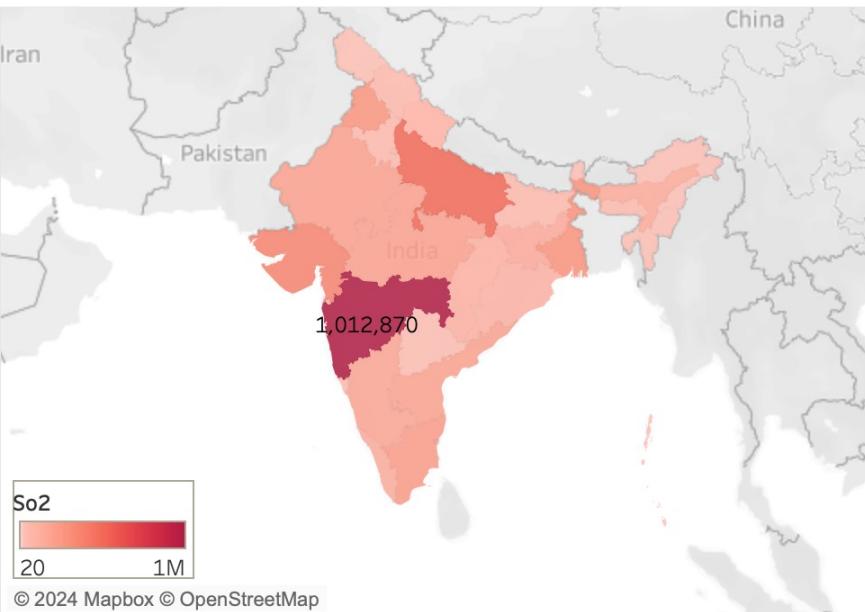




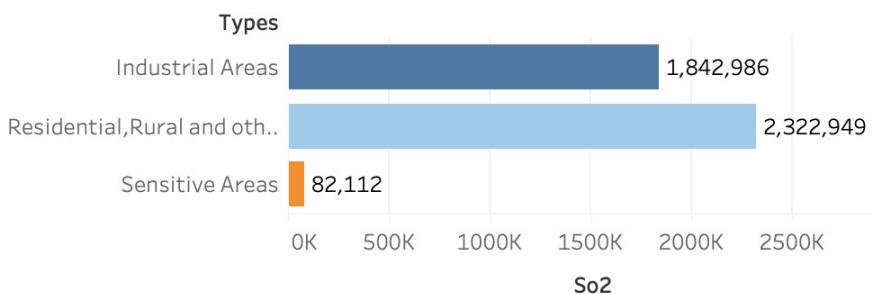
Analysis of Sulphur Dioxide (SO₂) Levels Across Indian States

Maharashtra and Gujarat exhibit the highest levels of sulfur dioxide (SO₂) in the air in India, with SO₂ concentrations experiencing a worrying exponential increase over the years. The main culprits are residential and rural areas, contributing the most to SO₂ emissions, followed by industrial zones. Even sensitive areas are not immune to this rising trend. Efforts to curb SO₂ levels should focus on regulating emissions from various sources and promoting sustainable practices to safeguard both the environment and public health.

Visualization of Sulfur Dioxide (SO₂) Levels Across India



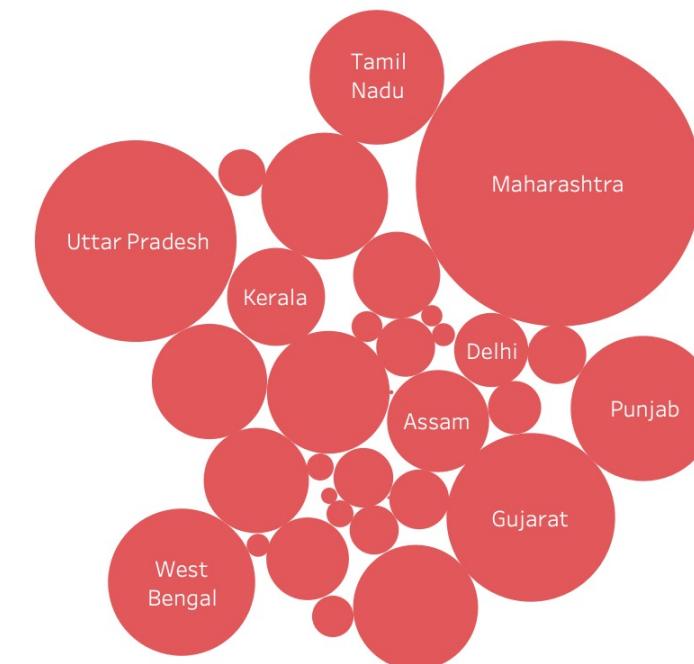
SO₂ levels according to the type of livelihoods



SO₂ emission growth through the years



SO₂ Bubble based on different states

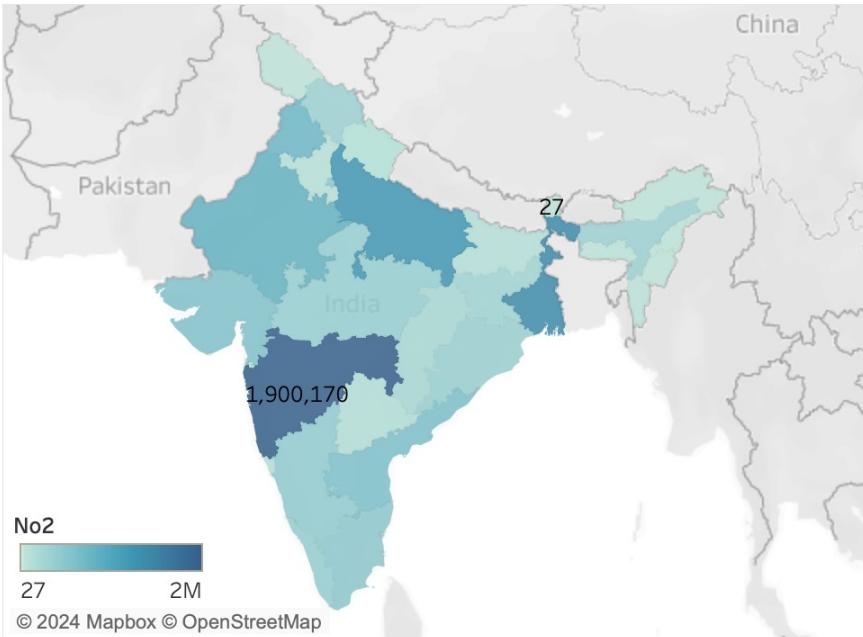




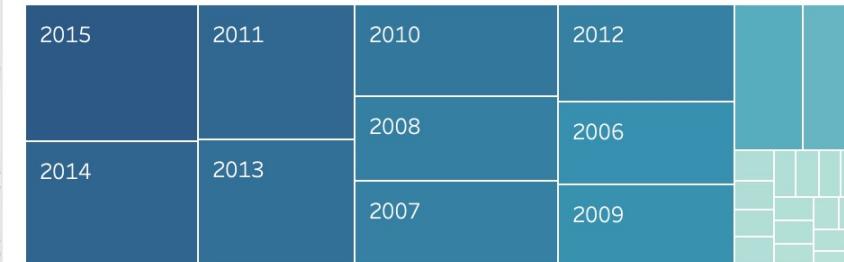
Analysis of Nitrogen Dioxide (NO₂) Levels Across Indian States

Examining nitrogen dioxide (NO₂) levels across Indian states reveals Maharashtra as the foremost emitter, closely followed by West Bengal and Uttar Pradesh. This emission pattern persists over the years, indicating a concerning exponential increase in NO₂ concentrations throughout India. The primary contributors to this surge are residential and rural areas, emerging as the predominant sources of NO₂ emissions. Industrial zones follow suit as the second major contributor, with even sensitive areas experiencing a notable rise. Addressing this escalating issue necessitates a focused approach, involving stringent regulation of emissions from diverse sources and the promotion of sustainable practices. These efforts are pivotal to preserving environmental integrity and safeguarding public health across the nation.

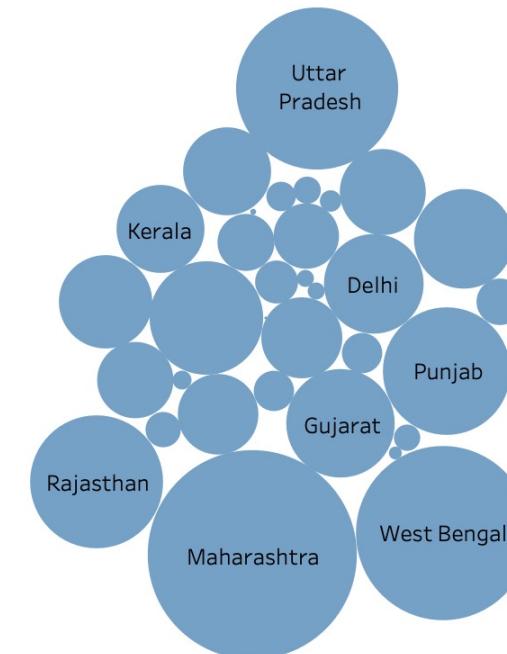
Indian Map visualisation based on NO₂ levels



NO₂ emission growth through the years



NO₂ Bubble based on different states



NO₂ levels according to the type of livelihoods

