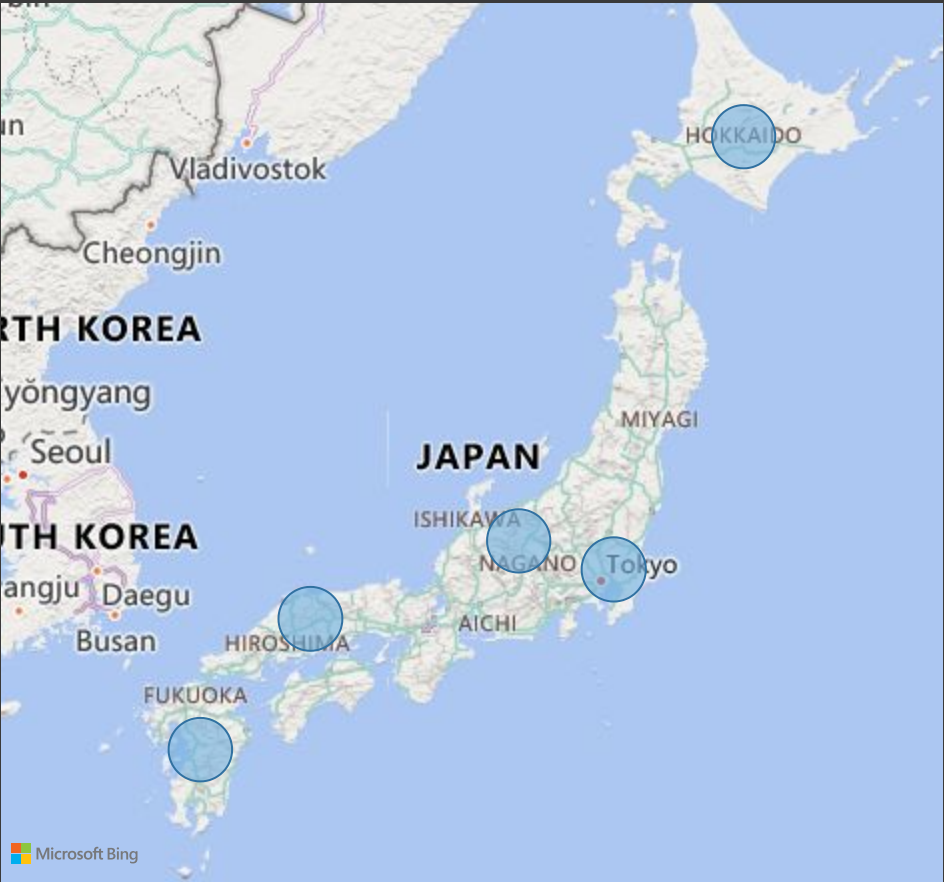# AirPulse: Japan Edition

This dashboard visualizes Japan's air quality, pollution, weather, and health data, highlighting regional and temporal trends to reveal how environmental factors impact public respiratory health and mobility patterns.

Select Region

Chubu, Japan	Hokkaido	Kansai, Chugoku	Kanto, Japan	Shikoku, Kyushu…

Map Based Distribution

Average AQI by Region

AQI : Constituents

Weather Indicators

Socio-Economic Impact

Economic Activity & Green Cover

Average of AQI by Region

Month	AQI (avg)
January	100.24
February	101.35
March	100.29
April	99.71
May	101.62
June	102.08
July	100.22
Total	100.64

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Pollution Meter

100.64
AQI (avg)

59.43
PM2.5 (avg)

80.06
PM10 (avg)

Microsoft Bing

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Average AQI by Region

100.1950… (19.92%)

99.29461… (19.74%)

102… (2…)

101.5637881… (20.19%)

99…. (1…)

Region
- Chubu, Japan
- Hokkaido
- Kansai, Chugoku
- Kanto, Japan
- Shikoku, Kyushu, Ok…

Try one of these to get started

top regions by measure

what is the measure by region

top regions by mask percent month

what is the mask percent month by region

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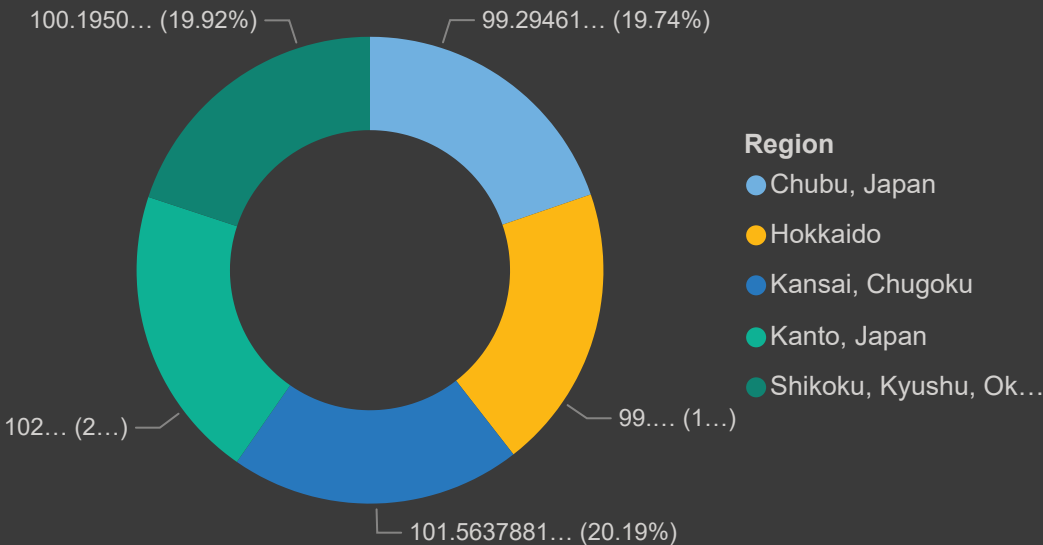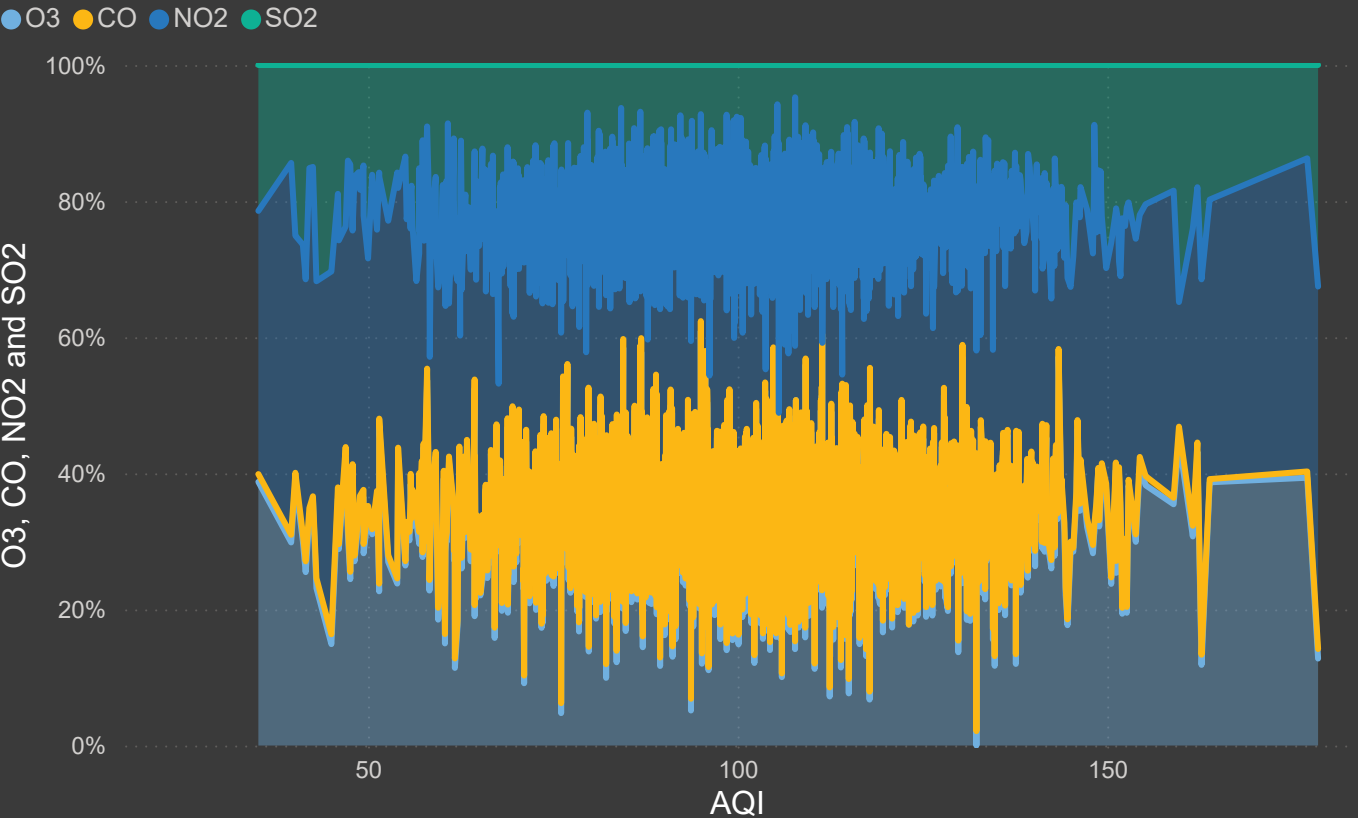| Chubu, Japan | Hokkaido | Kansai, Chugoku | Kanto, Japan | Shikoku, Kyushu… |

Map Based Distribution

Average AQI by Region

AQI ; Constituents

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Contribution of each Pollutant

● O3 ● CO ● NO2 ● SO2

Y-axis: O3, CO, NO2 and SO2 (0% to 100%)
X-axis: AQI (50, 100, 150)

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Map Based Distribution

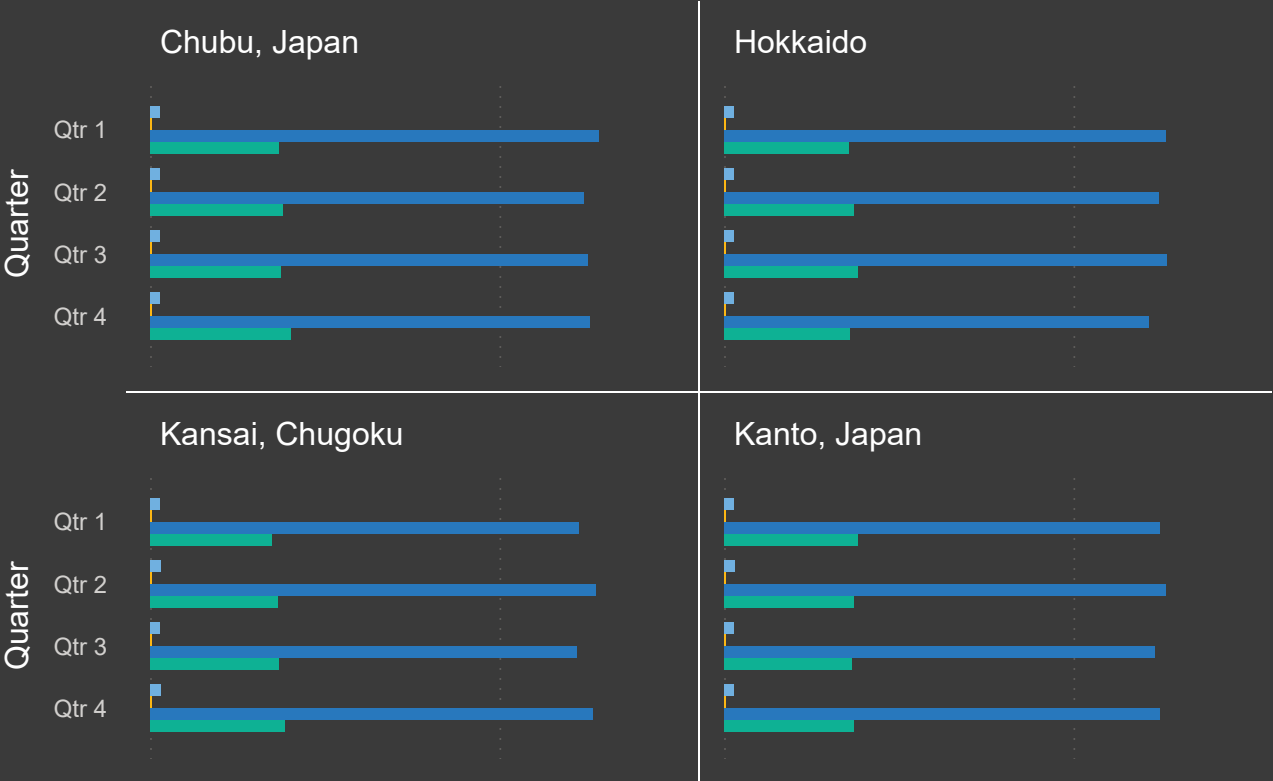Average AQI by Region

AQI : Constituents

Weather Indicators

Socio-Economic Impact

Economic Activity & Green Cover

Weather Indicators by Quarter and Region

● Humidity (avg)   ● Precipitation (avg)   ● Temperature (avg)   ● Wind Speed (avg)

Chubu, Japan
(Quarter: Qtr 1, Qtr 2, Qtr 3, Qtr 4)

Hokkaido
(Quarter: Qtr 1, Qtr 2, Qtr 3, Qtr 4)

Kansai, Chugoku
(Quarter: Qtr 1, Qtr 2, Qtr 3, Qtr 4)

Kanto, Japan
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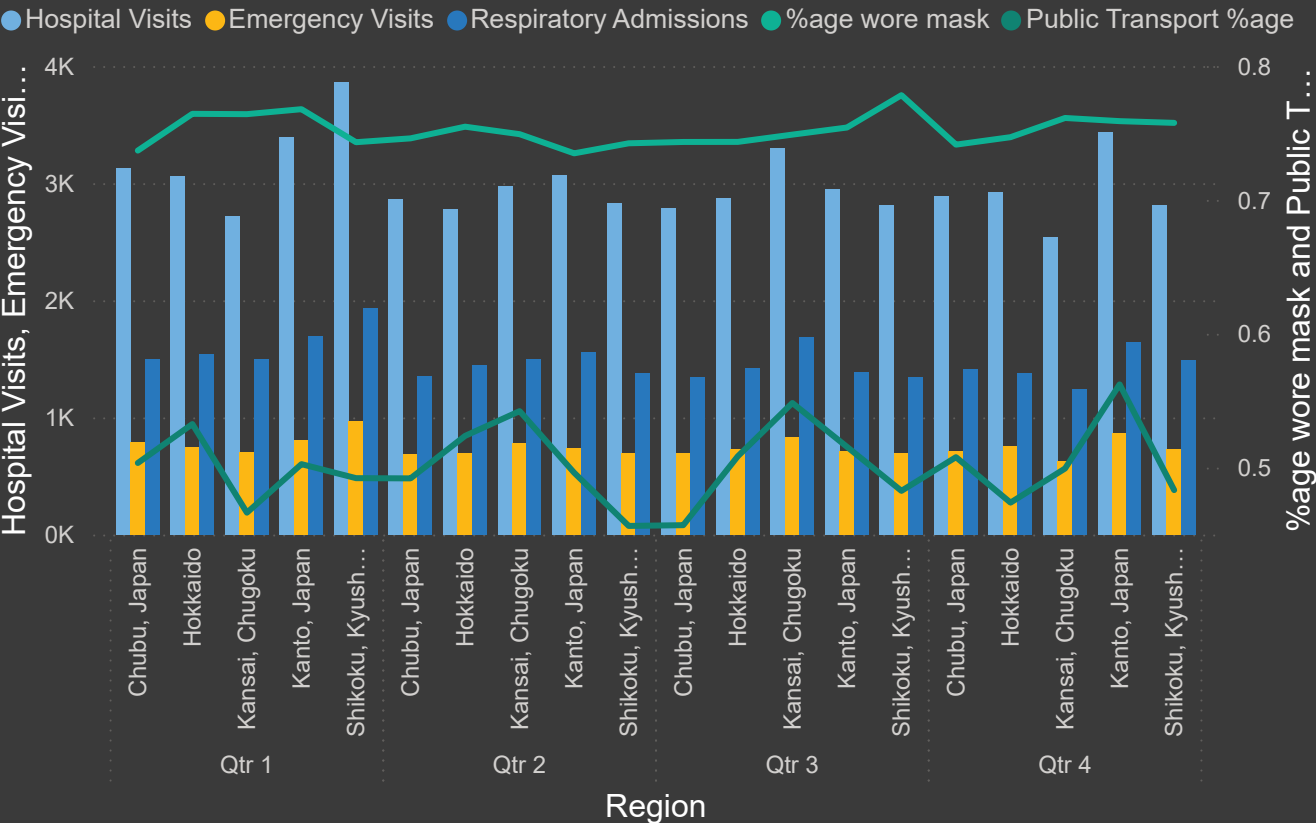- Map Based Distribution
- Average AQI by Region
- AQI ; Constituents
- Weather Indicators
- Socio-Health Based Impact

Economic Activity & Green Cover

Socio Health Based Impact

● Hospital Visits ● Emergency Visits ● Respiratory Admissions ● %age wore mask ● Public Transport %age

Y-axis (left): Hospital Visits, Emergency Visi... (0K, 1K, 2K, 3K, 4K)
Y-axis (right): %age wore mask and Public T... (0.5, 0.6, 0.7, 0.8)
X-axis: Region — Chubu, Japan; Hokkaido; Kansai, Chugoku; Kanto, Japan; Shikoku, Kyush… (repeated across Qtr 1, Qtr 2, Qtr 3, Qtr 4)

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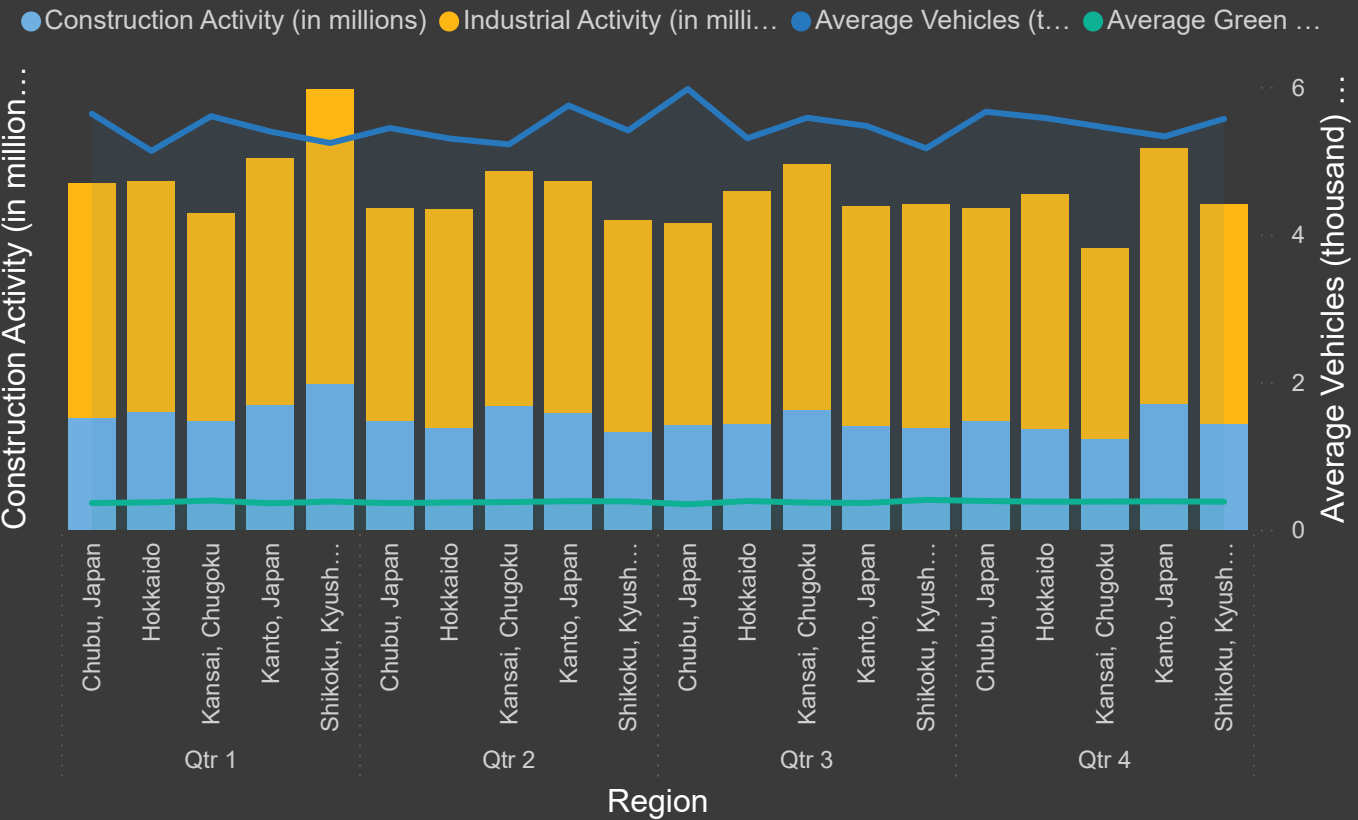**Map Based Distribution**

Average AQI by Region

AQI ; Constituents

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Economic Activity & Green Cover

Economic Activity & Green Cover by Region nd Time

● Construction Activity (in millions) ● Industrial Activity (in milli… ● Average Vehicles (t… ● Average Green …

Construction Activity (in million…

Average Vehicles (thousand) …

Region

Qtr 1   Qtr 2   Qtr 3   Qtr 4

Regions (x-axis): Chubu, Japan · Hokkaido · Kansai, Chugoku · Kanto, Japan · Shikoku, Kyush… (repeated across quarters)

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