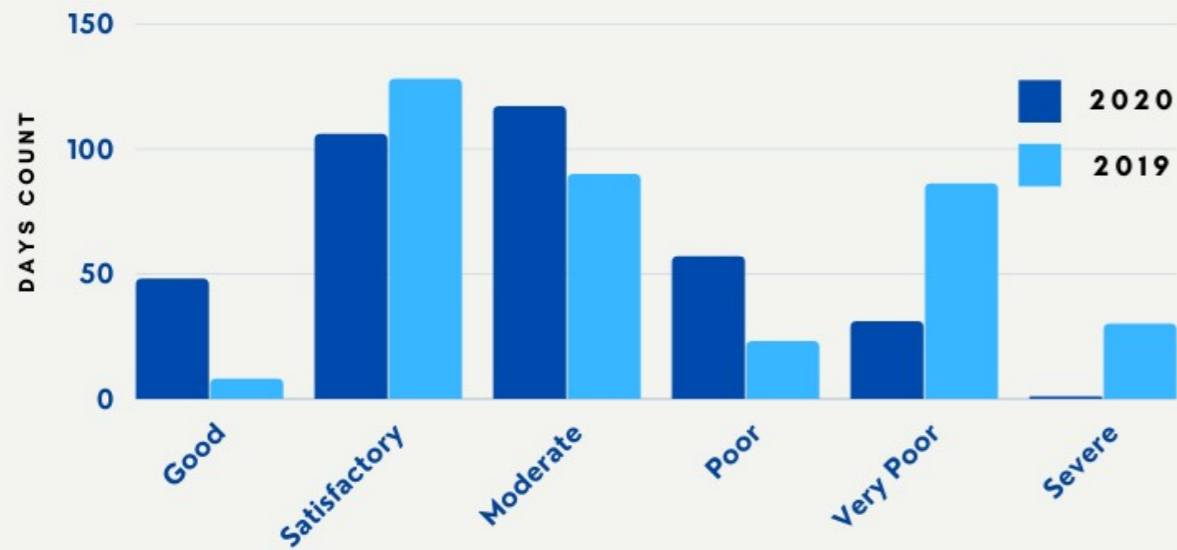


# Status of Air Quality in Patna - 2020



Analysis showed increase in **GOOD AQI** days by **50%** in the year 2020, as compared to the previous year for Patna city. The analysis also showed a reduction by **97%** in **SEVERE AQI** days in the year 2020. July & August were recorded as the best AQ months. Whereas, December & January as the worst.

## HIGHLIGHTS

**43.2%**

Reduction in PM2.5 for the year 2020 compared to the year 2019

Annual average concentration of PM10 was 119.2 µg/m<sup>3</sup> in 2020. PM2.5/PM10 ratio was found to be 0.53 indicating dominance of both fine and coarse particulates in the city.

**62.9%**

Reduction in PM2.5 for the year 2020, as compared to the year 2017

2017 was considered as base year in National Clean Air Programme (NCAP) setting a target of 20-30% reduction in PM2.5 by the year 2024.

**33.3%**

Reduction required to meet the annual ambient air standard (NAAQS)

2020 Annual PM2.5 average concentration was 60.1 µg/m<sup>3</sup>, whereas 40 µg/m<sup>3</sup> is the annual NAAQ standard.

## GOVERNMENT INITIATIVES TOWARDS PATNA CLEAN AIR



5 nos. of Continuous Ambient Air Quality Monitoring Stations (CAAQMS) are added.



A total of 13 nos. of mechanical sweepers and water sprinklers are operational in the city.



Increase in plying of E- Vehicles. 22 electric buses has been operational in the city.



Approx. 3572 CNG autos and 20 diesel-operated buses are converted to CNG



As a result of stringent monitoring & action against crop residue burning, 37 farmers were debarred from government benefits



Approx. 177 Pollution Under Control (PUC) centers have been set up in the city. Target is to setup such centers at all petrol stations and vehicle service centers.



Approx. 264 brick kilns in Patna are converted to zig-zag technology as an outset of ban on conventional technology



Public awareness through radio jingles, posters, street play, social media, etc. has been organised by the state departments

