

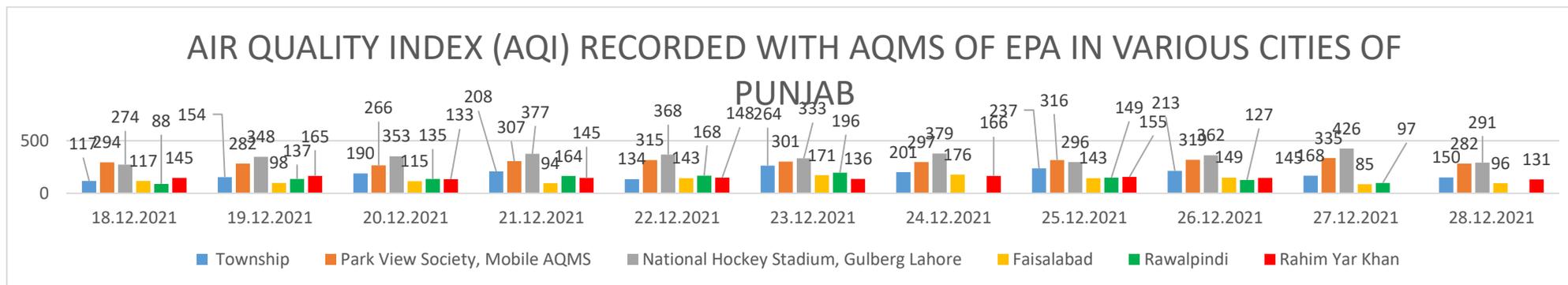


AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA AT VARIOUS CITIES OF PUNJAB 28.12.2021 (BASED ON PREVIOUS 24 HOURS DATA)

| Station name | Parameter used to calculate AQI | PEQS value $\mu\text{g}/\text{m}^3$ | Conc. ($\mu\text{g}/\text{m}^3$) used to calculate AQI | | AQI | |
|---|---|--|--|-------------------------|--------------------------------|-------------|
| | | | Minimum 8 hours average | Maximum 8 hours average | Minimum AQI | Maximum AQI |
| Town Hall, Lahore (based on 8 hours maximum average value recorded in last 24 hours (12:00am to 08:00am)) | Carbon Monoxide (CO) | 5 (mg/m^3) | 6.26 | 9.80 | 125 | 196 |
| | | | 129.6 | | 150 | |
| C2 sector, Block 1, Township, Lahore 31.438641,72.95934 | Oxides of Nitrogen (NO_x) | 80 | 129.6 | | 150 | |
| National Hockey Stadium, Gulberg Lahore | Respirable Particulate Matter ($\text{PM}_{2.5}$) | 35 | 230 | | 282 | |
| Park View Society, Multan Road Lahore (Mobile AQMS) 31.496625,74.295244 | Respirable Particulate Matter ($\text{PM}_{2.5}$) | 35 | 240.58 | | 291 | |
| Faisalabad 31.654412N, 73.083564E | Respirable Particulate Matter (PM_{10}) | 150 | 144 | | 96 | |
| Rawalpindi 33.6028559, 73.0231589 | Respirable Particulate Matter (PM_{10}) | 150 | | | Data not available due to rain | |
| Rahim Yar Khan 28.4314887N 70.3115618E | Respirable Particulate Matter ($\text{PM}_{2.5}$) | 35 | 46.3 | | 131 | |

AQI limits of EPA, Punjab

| | |
|------------|---------------------|
| 0-50 | Very Good |
| 51-100 | Good |
| 101-150 | satisfactory |
| 151-200 | Moderately polluted |
| 201-300 | Poor |
| 301-400 | Very Poor |
| 400-onward | severe |



- Note: i. The mobile van is parked at Park View Society, Multan Road Lahore.
 ii. The report prepared on the basis of instruments generated data and AQI of Lahore calculated on the basis of revised breakpoints of EPA Punjab.
 iii. At present, the concentrations of respirable fine dust particles and Oxides of nitrogen is exceeding the standards of environment protection department which is mainly contributing to the air pollution and high AQI. The data pattern shows automobile emission is major contributory in raised air pollution.

Disclaimer: Any other data from any source presenting ambient air quality of any city of Punjab is neither verified nor approved by the EPA Punjab