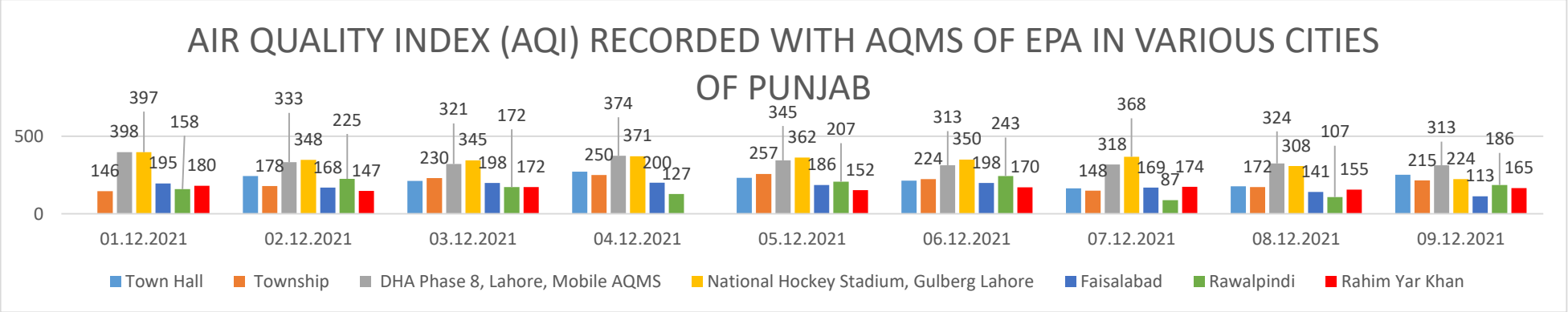
AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA AT VARIOUS CITIES OF PUNJAB 09.12.2021 (BASED ON PREVIOUS 24 HOURS DATA)

Station name	Parameter used to calculate AQI	PEQS value µg/m³	Conc. (µg/m³) used to calculate AQI		AQI	
Town Hall, Lahore (UK9876based on 8 hours maximum average value recorded in last 24 hours (05:00pm to 12:00am))	Carbon Monoxide (CO)	**5 (mg/m3)**	Minimum 8 hours average	Maximum 8 hours average	Minimum AQI	Maximum AQI
			5.83	18.34	**117**	**252**
C2 sector, Block 1, Township, Lahore 31.438641,72.95934	Oxides of Nitrogen (NO_X)	**80**	185.56		**215**	
National Hockey Stadium, Gulberg Lahore (09 am-08pm)	Respirable Particulate Matter ($PM_{2.5}$)	**35**	110		**313**	
Lake City (Mobile AQMS) 31.496625,74.295244 **(09 am-08pm)**	Respirable Particulate Matter ($PM_{2.5}$)	**35**	79.16		**224**	
Faisalabad 31.654412N, 73.083564E	Respirable Particulate Matter(PM_{10})	**150**	157		**113**	
Rawalpindi 33.6028559 , 73.0231589	Respirable Particulate Matter (PM_{10})	**150**	193		**186**	
Rahim Yar Khan 28.4314887N 70.3115618E	Respirable Particulate Matter ($PM_{2.5}$)	**35**	58		**165**	

AQI limit in Smog Policy 2017

0-100	Good
100-200	Satisfactory
200-300	Moderately polluted
301-400	poor
401-500	Very poor
500+	severe



Note: i. The mobile van is parked at Lake City, Lahore.
ii. The report prepared on the basis of instruments generated data.
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