

AIR QUALITY TASK FORCE
December 2023
Status Report on Bi-State Regional Commission Activities

Ozone Design Value: Design values are calculated as the average of the 4th highest annual daily maximum 8-hour value for the most recent three years. A design value greater than the associated standard signifies non-attainment.

8-hour standard - 70 ppb (3-year average of the 4th highest value)

- Iowa QC – 60 ppb (2020-2022), down from 61 (2019-2021)
- Illinois QC – 65 ppb (2019-2021), unchanged from 65 ppb (2018-2020)

Since the May 18th, smoke from wildfires in Canada in conjunction with weather patterns contributed to 16 ozone exceedances between April and August. The last reported ozone exceedance occurred in Iowa and Illinois on June 28.

PM_{2.5} Design Value: Design values for PM_{2.5} are calculated from three years of data gathered at specific monitoring sites. A design value is greater than the associated standard signifies non-attainment.

24-hour standard – 35ug/m³ (3-year average of 98th percentile for the daily 24-hour standard)

- Illinois QC – 20.7 ug/m³ (2019-2021), up from 19.0 ug/m³ (2018-2020)
- Iowa QC – 22 ug/m³ (2020-2022) down from 23 ug/m³ (2019-2021)
- Muscatine – 20 ug/m³ (2020-2022) down from 21 ug/m³ (2019-2021)

Annual Standard – 12.0 ug/m³ (3-year average of the annual averages measured at monitoring sites)

- Illinois QC – 8.7 ug/m³ (2019-2021), up from 8.5 ug/m³ (2018-2020)
- Iowa QC – 8.4 ug/m³ (2020-2022) down from 8.7 ug/m³ (2019-2021)
- Muscatine – 8.1 ug/m³ (2020-2022) down from 8.2 ug/m³ (2019-2021)

The Canadian wildfires were also the cause of 5 PM_{2.5} exceedances in Iowa and 6 PM_{2.5} exceedances in Illinois between June and July, with the last reported PM_{2.5} exceedance occurring on July 16.

2022 Bi-State Region Air Quality Task Force Meetings Held: 6/30/2022

a.) **Bi-State Regional Commission Website**

-See www.bistateonline.org Refer to: Planning/Other Programs: Air Quality
<https://bistateonline.org/planning-other-programs/air-quality>

b.) **General Public Outreach Efforts**

- **New Funding available:** Carbon Reduction Program funding prioritizes projects that directly reduce carbon dioxide emissions. <https://bistateonline.org/transportation-and-mobility/quad-cities-metro-planning/tip-and-funding-projects-quad-cities-mpo>

- **Presentations made:** None specific to air quality.

- **Other: Congestion Management Process Updated; Participate in Eastern Iowa EV Readiness Plan Work Group, Participate in IL EV Infrastructure Plan Steering Committee.**

c.) **Media release:** None.

d.) **Other Activities**

- Monitor values for ozone and fine particulates

- Continued hosting www.qctransit.org webpage and monitoring QCRideshare

- Meetings/workshops/conferences: Illinois Solar Energy Virtual Roundtable