

AIR QUALITY TASK FORCE
December 2024
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 – 65 (2021-2023), up from 60 ppb (2020-2022)
- Illinois QC – 63 ppb (2020-2022), down from 65 ppb (2019-2021)

There have been no ozone exceedances in 2024 for Iowa or Illinois Quad Cities as of December 6th.

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 – 21 ug/m³ (2020-2022), up from 20.7 ug/m³ (2019-2021)
- Iowa QC – 21 ug/m³ (2021-2023) down from 22 ug/m³ (2020-2022)
- Muscatine – 19 ug/m³ (2021-2023) down from 20 ug/m³ (2020-2022)

Annual Standard – 9.0 ug/m³; updated from 12.0 ug/m³ February 7, 2024 (3-year average of the annual averages measured at monitoring sites)

- Illinois QC – 8.8 ug/m³ (2020-2022), up from 8.7 ug/m³ (2019-2021)
- Iowa QC – 8.4 ug/m³ (2021-2023) unchanged from 8.4 ug/m³ (2020-2022)
- Muscatine – 8.3 ug/m³ (2021-2023) up from 8.1 ug/m³ (2020-2022)

There have been no PM_{2.5} exceedances in 2024 for Iowa or Illinois Quad Cities as of December 6th.

2023 Bi-State Region Air Quality Task Force Meetings Held: 6/16/2023, 12/14/2023

2024 Bi-State Region Air Quality Task Force Meetings Held: 6/24/2024, 12/19/2024

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