Ozone AQI Values

Ozone levels in parts per billion (ppb) for 8-hour AQI ranges are: **Good** (0–54 ppb), **Moderate** (55–70 ppb), **Unhealthy for Sensitive Groups** (71–85 ppb), **Unhealthy** (86–105 ppb), **Very Unhealthy** (106–200 ppb), and **Hazardous**. These levels are calculated using 8-hour averages to determine daily air quality reporting. [1, 2, 3, 4]

Ozone AQI Breakpoints (8-Hour Average)

- **Good (0–50 AQI):** 0–54 ppb
- **Moderate (51–100 AQI):** 55–70 ppb
- **Unhealthy for Sensitive Groups (101–150 AQI):** 71–85 ppb
- **Unhealthy (151–200 AQI):** 86–105 ppb
- **Very Unhealthy (201–300 AQI):** 106–200 ppb
- **Hazardous (301+ AQI):** >201 ppb (can extend much higher) [1, 2, 3, 4, 5, 6]

An 8-hour ozone concentration of 70 ppb corresponds to an AQI of 100. Sensitive groups include children, older adults, and people with asthma or lung disease. [3, 4, 7]

AI responses may include mistakes.

[1] https://data.mainepublichealth.gov/metadata/aq-ozone
[2] https://airquality.wi.gov/home/text/538
[3] https://vlab.noaa.gov/web/osti-modeling/air-quality/faqs
[4] https://www.epa.gov/sites/default/files/2015-10/documents/20151001_air_quality_index_updates.pdf
[5] https://www.miamidade.gov/environment/library/reports/epa-air-quality-index.pdf
[6] https://www.law.cornell.edu/cfr/text/40/appendix-G_to_part_58
[7] https://www.iqair.com/us/newsroom/what-is-aqi