

Physical Environment Health Determinants
Air Quality

Health Determinant: Air Quality

Physical Environment Component: Air Quality Risk (includes Cancer Risk per 100,000 - Respirator Hazard Index - Fine Particulate Matter in the Air - Ozone Level)

Scores and Rank: 2007 - Cancer Risk per 100,000 - 13.6 (37)
 Respiratory Hazard Index - 0.79 (33)
 Fine Particulate Matter in the Air - 8.4 ug/m³(4)
 Ozone Level - 67ppb (3)
 2008 - Composite Ranking - Air Quality Score - 45.3 (35)
 Cancer Risk per 100,000 - 13.6 (35)
 Respiratory Hazard Index - 0.79 (35)
 Fine Particulate Matter in the Air - 9.5 ug/m³ (35)
 Ozone Level - 70ppb (35)

Healthiest Wisconsin 2010 Health Priority: Environmental and Occupational Health Hazards

The Pollution Information Site Scorecard indicates “Hazardous air pollutants can cause many different adverse effects to human health including cancer and birth defects. While over 200 of these toxic chemicals have been detected in ambient air, it has been difficult to gauge the extent of potential health risks because so few communities monitor for the type of air pollution.”

Waupaca County fairly consistently ranks in the upper middle quartile for air quality. It moves to the top quartile for ozone level and particulate matter in the air if the composite score is not considered. Table 15 illustrates some air quality components for Waupaca County.

The Waupaca County Department of Health and Human Services does not have a role in monitoring air quality.

Scorecard

THE POLLUTION INFORMATION SITE

**Investigate
Pollution Topics****TOXICS**

- ▶ Toxic Chemical Releases
- ▶ Lead Hazards
- ▶ Superfund

AIR

- ▶ Smog and Particulates
- ▶ Hazardous Air Pollutants

WATER

- ▶ Clean Water Act
- ▶ Watershed Indicators

AGRICULTURE

- ▶ Animal Waste

ENVIRONMENTAL JUSTICE

- ▶ Community Center
- ▶ En Español

HEALTH HAZARDS

- ▶ Chemical Profiles
- ▶ Health Effects
- ▶ Regulations

ZIP TO YOUR COMMUNITY **GO ▶****SEARCH SCORECARD** **GO ▶****POLLUTION LOCATOR | Smog and Particulates | County Report****Criteria Air Pollutant Report: WAUPACA County, WI**

- [Map Locating the Pollution Sources](#)
- [Air Quality Rankings: Health Risks, Exposure, and Emissions](#)
- [Environmental Justice Analysis for WAUPACA County](#)
- [1999 Emissions Summary of Criteria Air Pollutants](#)
- **TAKE ACTION** 
- [Links](#)

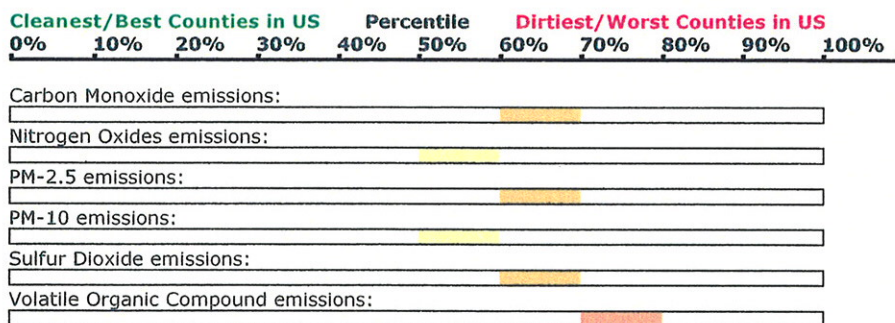
- [Map Locating the Pollution Sources](#)

Table 15

WAUPACA County

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- [Air Quality Rankings: Health Risks, Exposure, and Emissions](#)



See how this county ranks on [other criteria air pollution attributes](#) tracked by Scorecard

Rank counties in **WISCONSIN** by criteria air pollutant [health risks](#), [exposures](#), or [emissions](#).

Rank facilities in **WAUPACA County** by criteria air pollutant [emissions](#).

Rank monitoring stations in **WAUPACA County** by criteria air pollutant [exposures](#).

[\[top \]](#)

- [Environmental Justice Analysis for WAUPACA County](#)