

The Bronx is one of the most polluted counties in New York for ozone pollution. Air pollution is a serious health threat that can worsen lung disease symptoms, harm lung development in children and even be deadly.

Ozone	Particle Pollution	
	24 Hour	Annual
F	D	Pass

In our 2025 “State of the Air” report, which covers a three-year period of 2021-2023, Bronx County received a failing grade for ozone pollution. This means that the level of ozone pollution was dangerous to breathe too often.

Ozone Pollution

High Ozone Days (2021-2023)

Grade	F
Weighted Average	4.3
Orange Ozone Days	13
Red Ozone Days	0
Purple Ozone Days	0

Precautions like prioritizing indoor physical activity and limiting time outdoors should be taken on orange ozone days and worse to protect your lungs if you are living with asthma or COPD. Everyone should take precautions on red ozone days and worse.

Orange: Unhealthy for sensitive groups

Red: Unhealthy

Purple: Very unhealthy

Ozone gas is a powerful lung irritant. When it is inhaled into the lungs, it reacts with the delicate lining of the airways, causing inflammation and other damage that can impact multiple body systems.

Particle Pollution

Particle Pollution – 24 Hour (2021-2023)

Grade	D
Weighted Average	2.7
Orange Particle Days	0
Red Particle Days	4
Purple Particle Days	1
Maroon Particle Days	0

Particle Pollution – Annual (2021-2023)

Grade	Pass
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Orange: Unhealthy for sensitive groups

Red: Unhealthy

Purple: Very unhealthy

Maroon: Hazardous

Smaller fine or ultrafine particles can penetrate deep into the lungs and into the air sacs. The smallest particles are so tiny that they can pass from the air sacs into the bloodstream and cause serious harm. On orange particle days, people with lung disease should take precautions, while everyone should take precautions on red particle days and worse.



People with lung disease are at higher risk of illness from unhealthy air exposure. The good news is that there are steps you can take to prepare for poor air quality days.

- [illegible]

