

## Bronx County "State of the Air" 2025

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.

07000	Particle Pollution			
Ozone	24 Hour	Annual		
F	D	Pass		

In our 2025 "State of the Air" report, which covers a threeyear 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		

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Grade Pass

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.



## Bronx County "State of the Air" 2025

People at Risk in the Bronx				
Total Population	1,356,476			
Pediatric Asthma	29,833			
Adult Asthma	103,208			
COPD	51,037			
Lung Cancer	697			

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.

- Create an Asthma or COPD Action Plan with your healthcare provider. Action plans are available for download at Lung.org/COPD-action-plan and Lung.org/asthma-plan.
- Check local air quality at AirNow.gov.
- Learn more about the air quality in your community and how air pollution affects health at Lung.org/SOTA.
- Visit NYC.gov/notifynyc or text NOTIFYNYC to 692-692 to receive citywide emergency updates.
- Connect with a Lung Health Navigator to learn how to manage your lung disease during unhealthy air days. Get started at Lung.org/navigator.

Learn how the American Lung Association is working to reduce the lung health burden of the climate crisis in the Bronx: Lung.org/NY-climate.





