



**LUMA**<sup>TM</sup>

Learn to Understand and Manage Severe Asthma

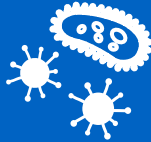
## Do you know what triggers your asthma?



Pollution



Allergens



Bacteria/viruses



Laughing/  
crying/stress



Exercise



Weather/  
climate

In people with asthma, their immune system might...

- Respond too much to something
- Respond to something it should not
- Have an unusual response







For additional information  
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**Empowering You to Stand Against Severe Asthma**

# Asthma Disparities Among Black Americans




## Black Americans Have Worse Asthma Outcomes Than White Americans

- Disproportionately diagnosed<sup>1,2</sup> 
- ~ 5X as likely to be hospitalized due to asthma<sup>3</sup> 
- ~ 6X as likely to visit the emergency department due to asthma<sup>4</sup> 
- ~ 3X as likely to die due to asthma, with the highest death rates among women<sup>2,5</sup> 

## What Factors Cause Asthma Disparities?

- Economic stability and education<sup>6</sup> 
- Racism, bias, discrimination, and segregation<sup>6</sup> 
- Misperceptions, distrust, and treatment nonadherence<sup>6</sup> 
- Smoke and air pollutants<sup>6</sup> 
- Genetic influence on severity and treatment response<sup>6</sup> 

## How Do We Help Reduce Asthma Disparities?

- Reform policies on insurance, healthcare, wages, housing, and environment<sup>6</sup> 
- Include Black population and racially/ethnically diverse groups among patients and researchers in clinical trials<sup>6</sup> 
- Improve patient communication and HCP education on asthma care<sup>6</sup> 
- Strengthen multistakeholder partnerships between patients, family, and HCP<sup>6</sup> 

HCP, healthcare provider.

1. Centers for Disease Control and Prevention. <https://www.cdc.gov/asthma/nhis/2020/table4-1.htm>. Accessed June 15, 2023.

2. Asthma and Allergy Foundation of America. <https://community.aafa.org/blog/asthma-and-black-americans-a-closer-look-at-disparities-and-solutions-for-change>. Accessed June 16, 2023.

3. Centers for Disease Control and Prevention. [https://www.cdc.gov/asthma/healthcare-use/2020/table\\_b.html](https://www.cdc.gov/asthma/healthcare-use/2020/table_b.html). Accessed June 15, 2023.

4. Centers for Disease Control and Prevention. [https://www.cdc.gov/asthma/healthcare-use/2020/table\\_a.html](https://www.cdc.gov/asthma/healthcare-use/2020/table_a.html). Accessed June 15, 2023.

5. Centers for Disease Control and Prevention. [https://www.cdc.gov/asthma/most\\_recent\\_national\\_asthma\\_data.htm](https://www.cdc.gov/asthma/most_recent_national_asthma_data.htm). Accessed June 15, 2023.

6. Asthma and Allergy Foundation of America. <https://aafa.org/wp-content/uploads/2022/08/asthma-disparities-in-america-burden-by-race-ethnicity-executive-summary.pdf>. Accessed June 15, 2023.



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