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NEVADA: Air Quality, Public Health and Transportation Pollution

Zeroing in on Healthy Air

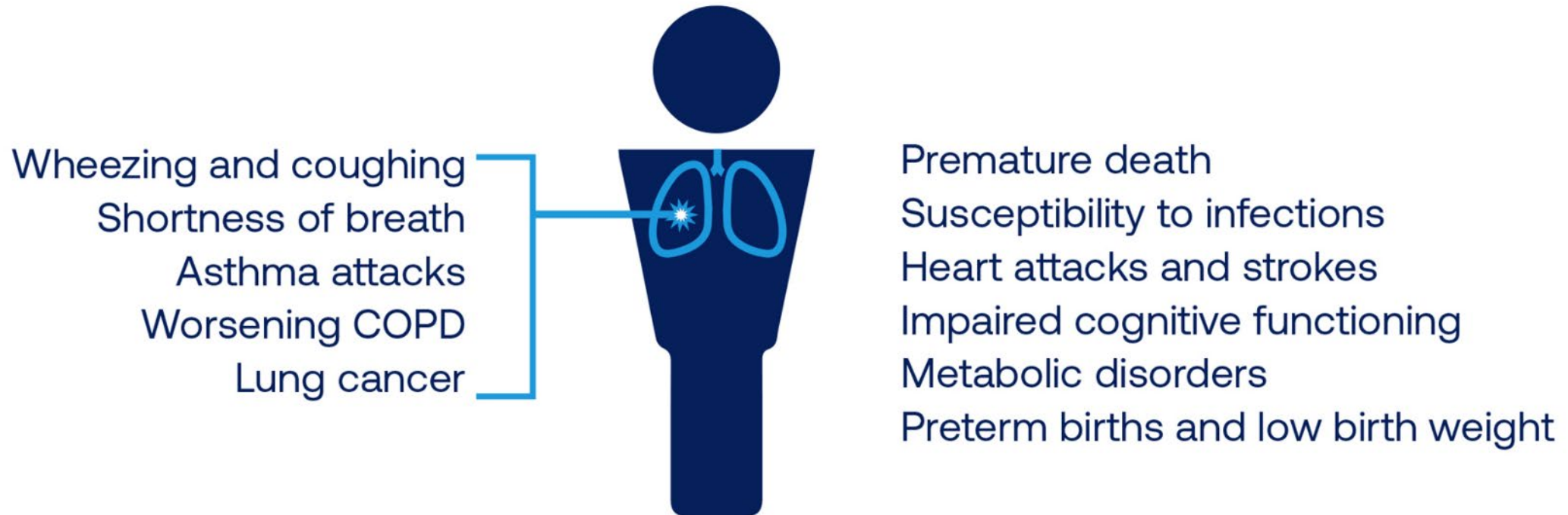
March 31, 2022

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Improving quality of life for those with lung disease

Air pollution can harm children and adults in many ways.





More than 4 in 10
Americans live in places
with unhealthy levels
of air pollution.



People of color
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Nevada Rankings

Las Vegas

12th 
in most unhealthy
ozone days.

25th 
in unhealthy particle
pollution days.

Reno

28th 
in most unhealthy
ozone days.

21st 
in unhealthy particle
pollution days.

Who is most at risk from air pollution in Nevada?



- 674,836 children
- 473,034 adults over the age of 65
- 53,092 children and teens with asthma
- 220,140 adults with cardiovascular disease
- 1,570,635 people of color
- 372,295 people living in poverty

Everyone knows someone
at risk from pollution.

Key Assumptions

Transition to Zero-Emission Vehicles & Electricity Generation

- **Full Zero-Emission Vehicle Sales in the United States**
 - 2035, 100% Passenger Vehicle Sales
 - 2040, 100% Medium- and Heavy-Duty Vehicle Sales
- **National Power Grid**
 - 2035, 100% Non-Combustion Electricity Generation

\$1.2+
Trillion

Public
Health
Benefits

- Cumulative Public Health Benefits
- 2020-2050 Timescale
- National-scale Benefits

- **110,000** Premature Deaths Avoided
- **2.7 Million** Asthma Attacks Avoided
- **13.4 Million** Lost Work Days Avoided

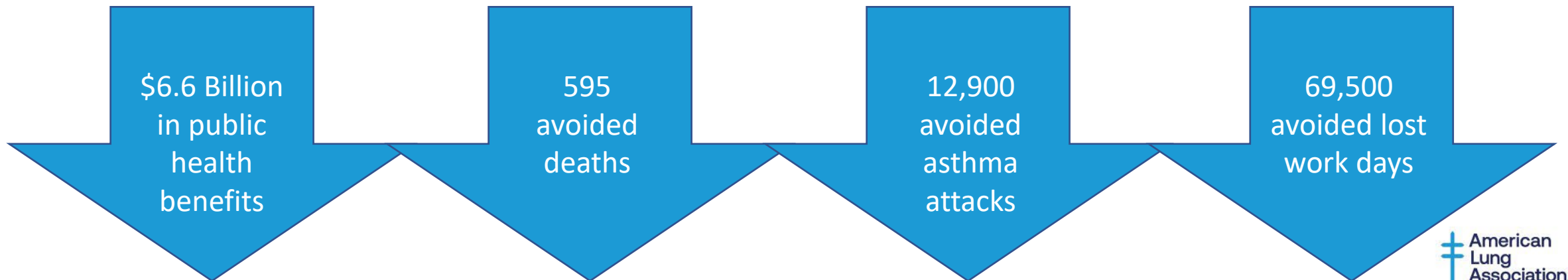
Zeroing in on Healthy Air

“Zeroing in on Healthy Air” highlights the potential for major public health and climate change benefits major transition to zero-emission transportation and electricity.

For Nevada this transition could mean significant public health benefits, including:

\$7.5 Billion in public health benefits	676 avoided deaths
14,800 avoided asthma attacks	78,900 avoided lost work days

Las Vegas – Henderson benefits:



Advanced Clean Trucks

“Zeroing in on Healthy Air”



Nevada Chapter

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



Health Professionals

- Debra Hendrickson, M.D.
- Joanne Leovy, MD
- Bernadette Mae Longo, PhD, RN
- Laura Beauregard, RN, OCN, CBCN
- Evelyn Montalvo Stanton, M.D.
- Matthew Grimes, RTR

Our Vision

A World Free of Lung Disease

For more information visit: [Lung.org/ev](https://lung.org/ev)
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