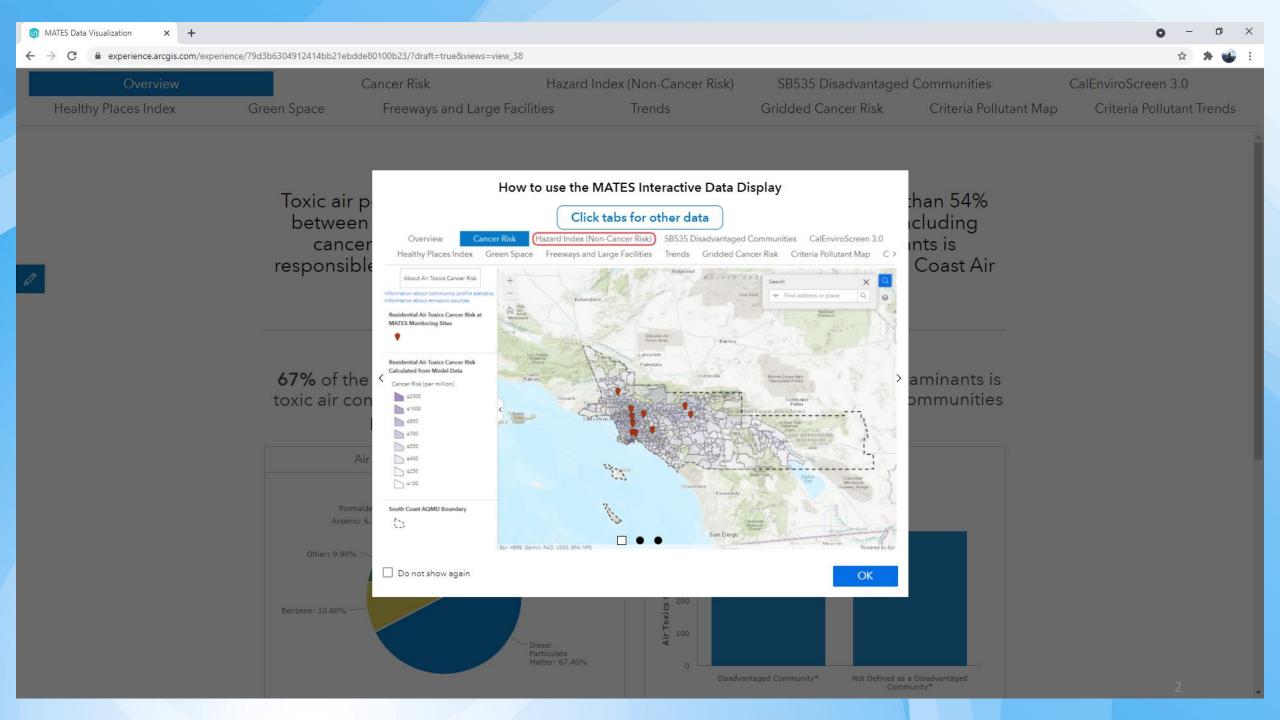
## MATES Data Visualization Health Risk Data

https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/

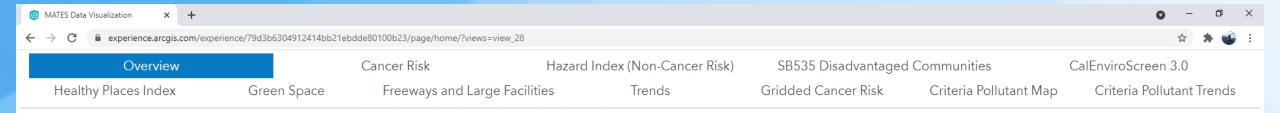
**Username:** aqviewer **Password:** Aqmd1234

## **Contents:**

- Cancer Risk
- Chronic Hazard Index
- Criteria pollutant design values
- SB535
- CalEnviroScreen 3.0
- Healthy Places Index
- Green Space
- Large Facilities







Toxic air pollution in the South Coast Air Basin has decreased by more than 54% between 2012 and 2018, but continues to contribute to health risks, including cancers and other chronic diseases. Exposure to toxic air contaminants is responsible for 454 cancer cases for every million residents in the South Coast Air Basin.

67% of the residential cancer risk due to toxic air contaminants is caused by diesel particulate matter

Air Toxics Cancer Risk by Pollutant

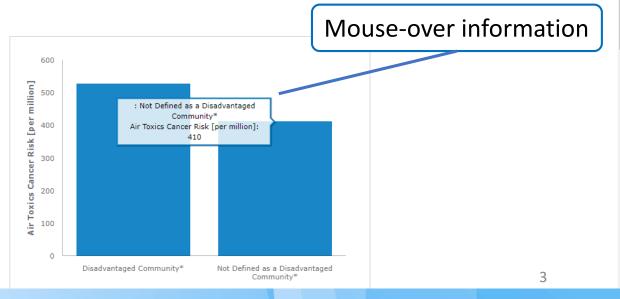
Formaldehyde: 5.90%

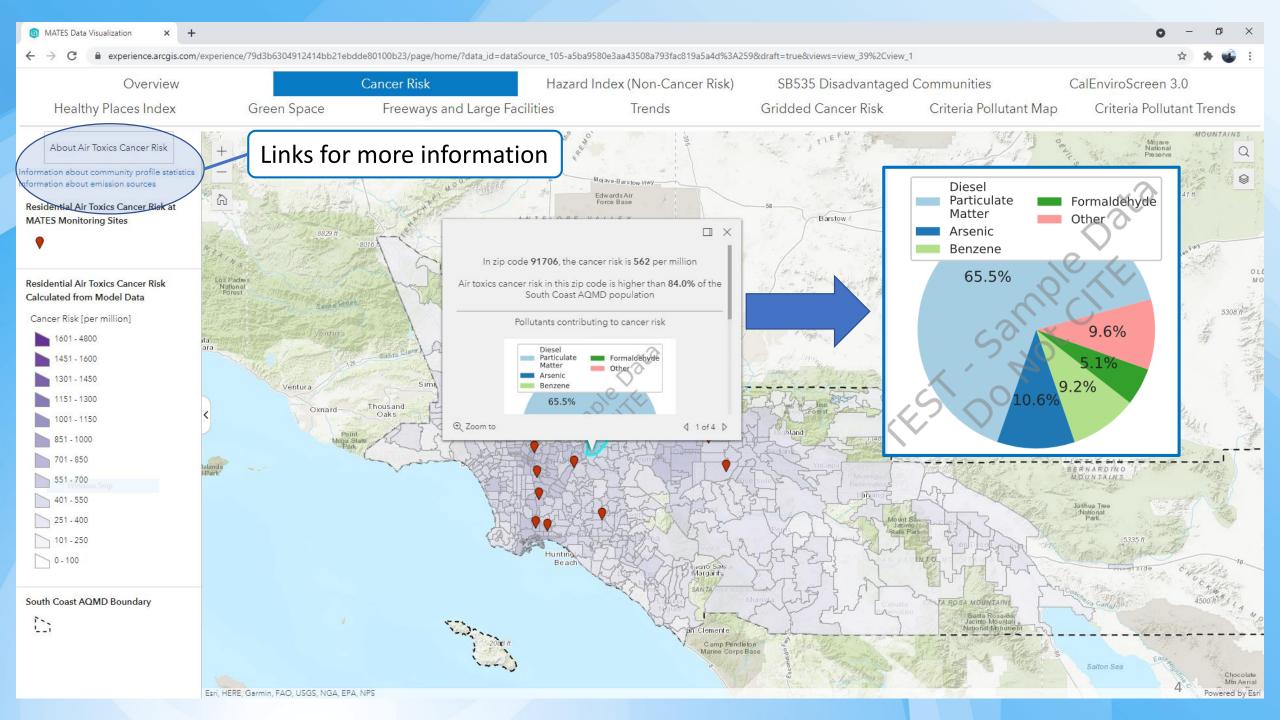
Arsenic: 6.20%

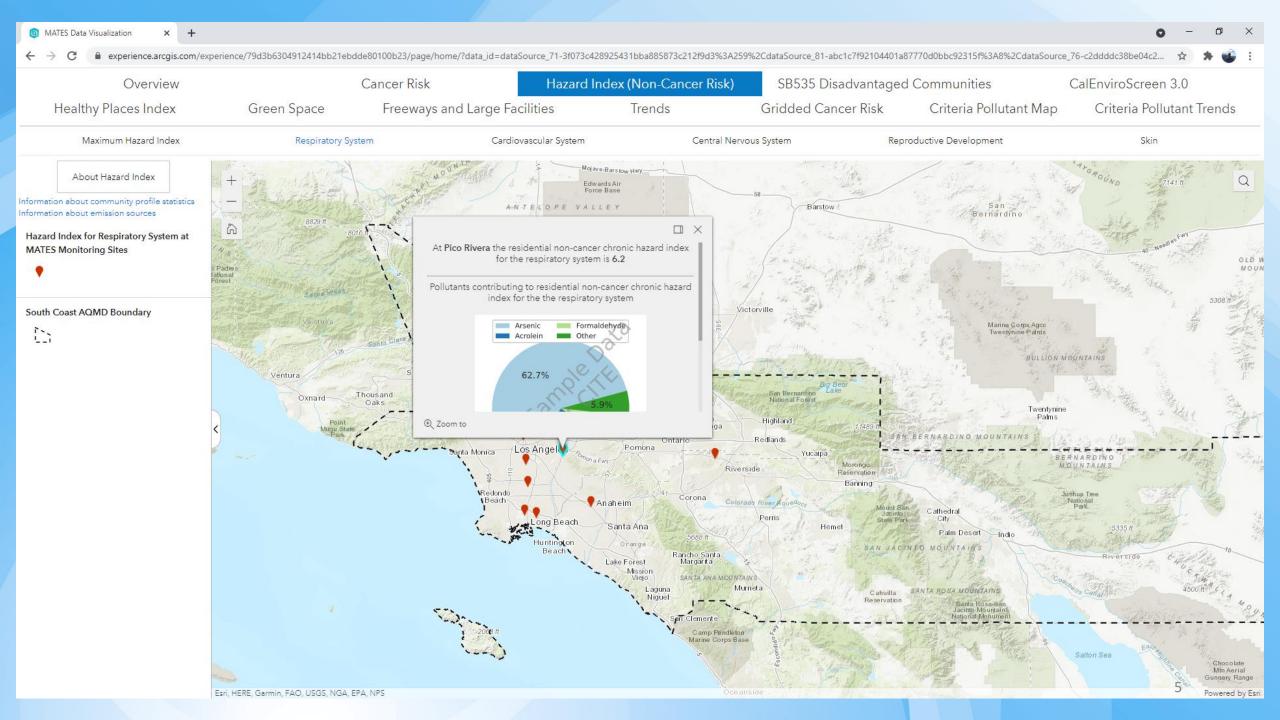
Other: 9.90%

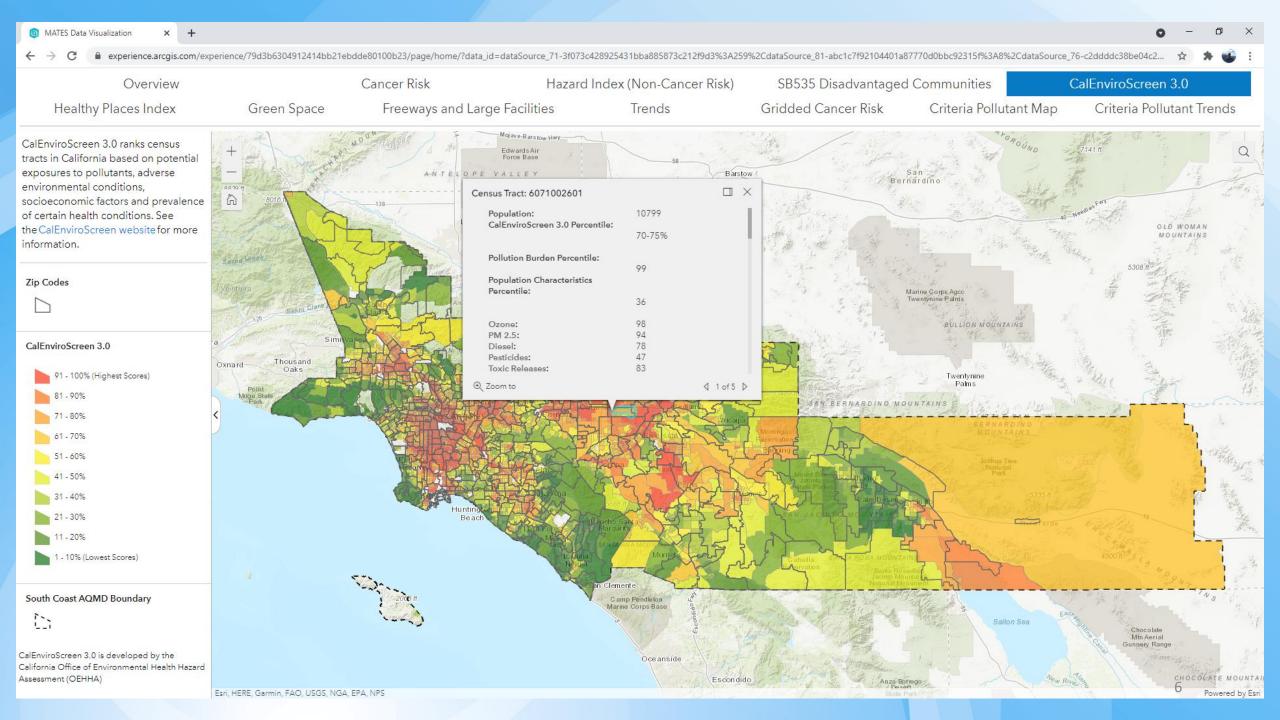
Diesel Particulate Matter: 67.40%

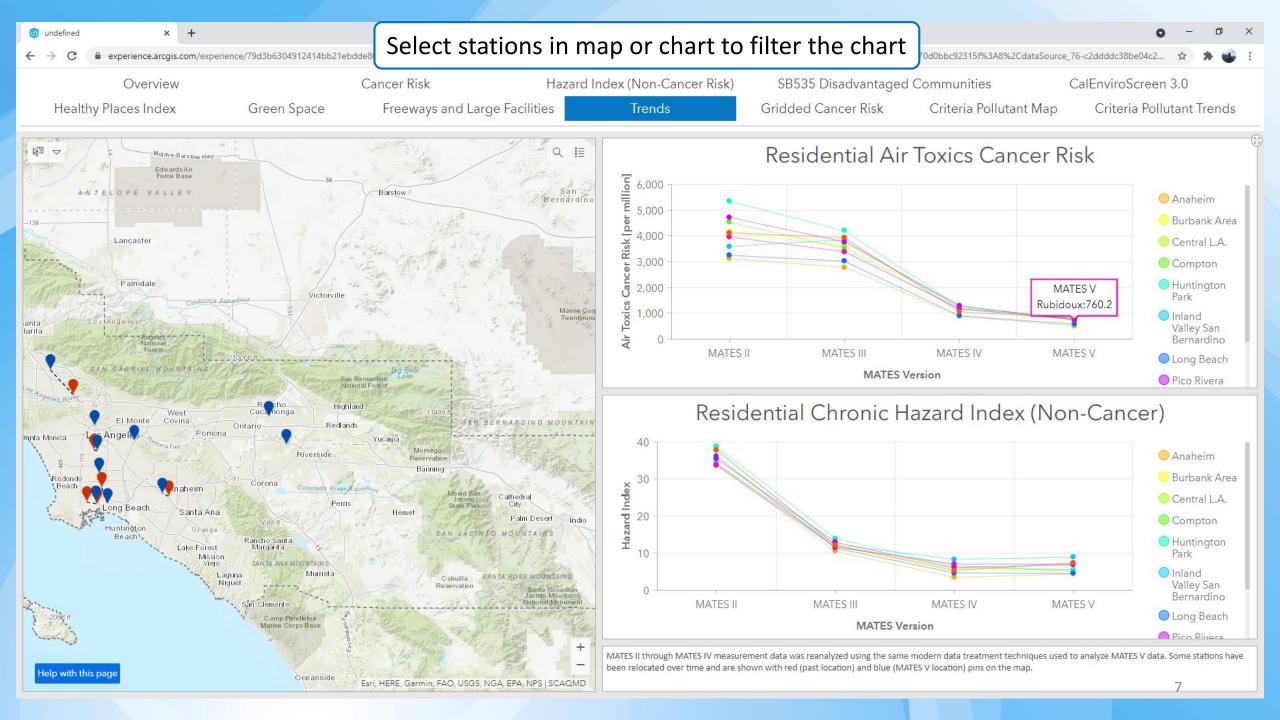
Cancer risk due to toxic air contaminants is 28% higher in disadvantaged communities

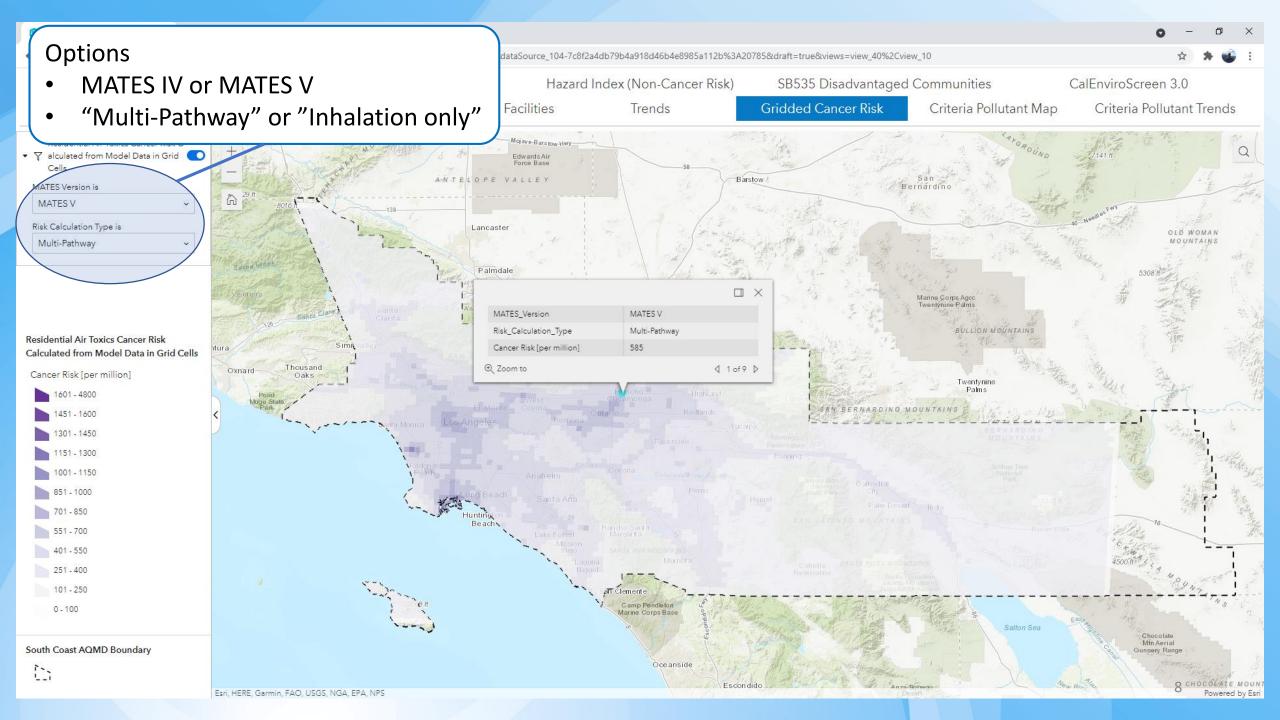


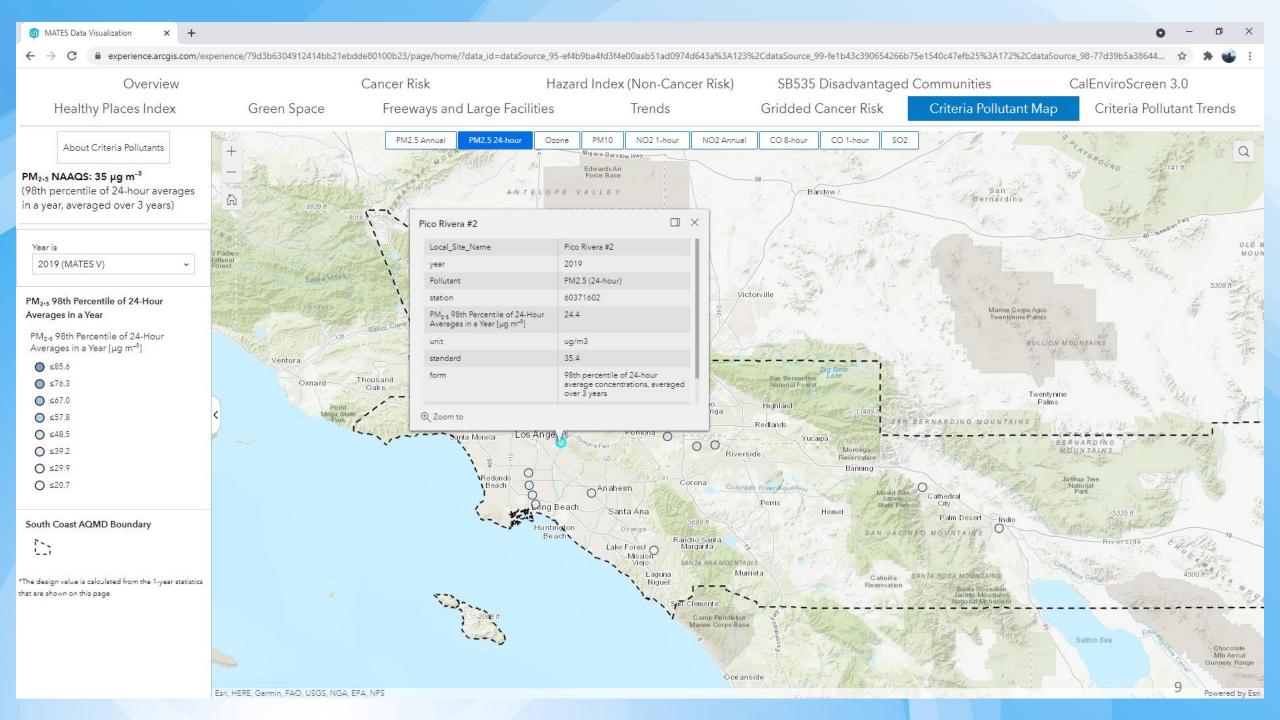


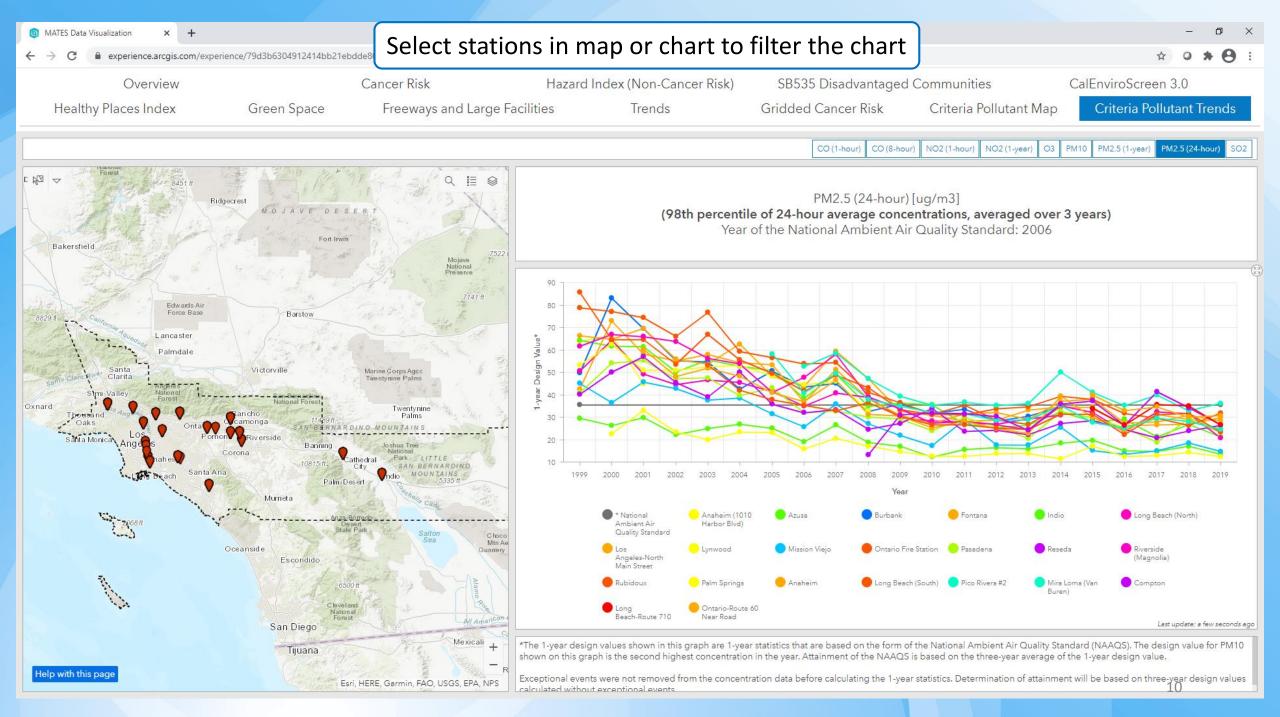




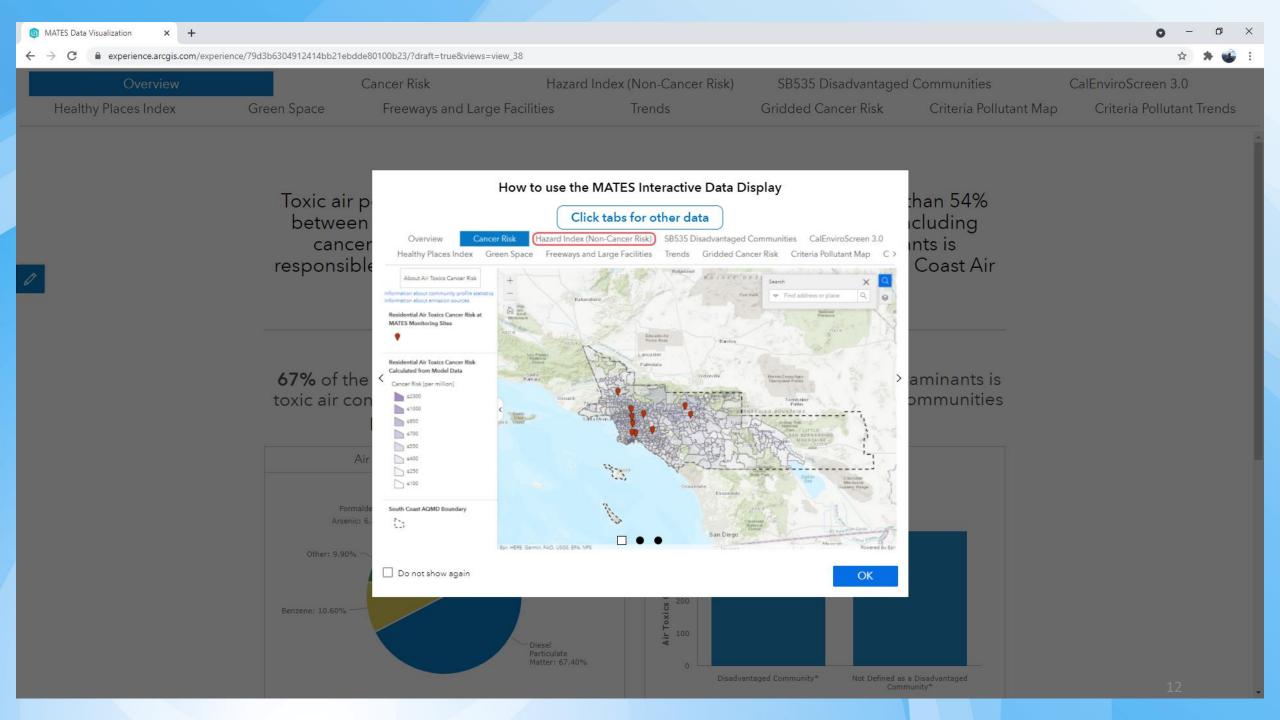




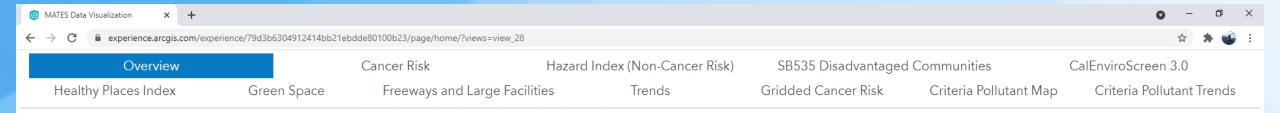




## MATES V Data Visualization All Tabs







Toxic air pollution in the South Coast Air Basin has decreased by more than 54% between 2012 and 2018, but continues to contribute to health risks, including cancers and other chronic diseases. Exposure to toxic air contaminants is responsible for 454 cancer cases for every million residents in the South Coast Air Basin.

67% of the residential cancer risk due to toxic air contaminants is caused by diesel particulate matter

Air Toxics Cancer Risk by Pollutant

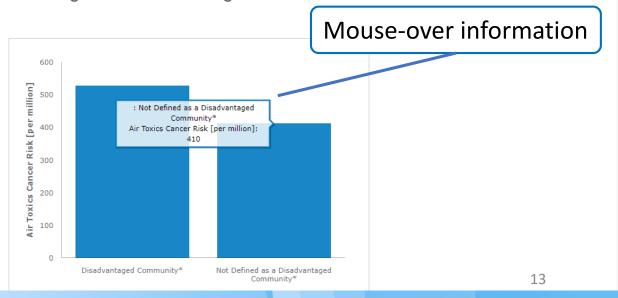
Formaldehyde: 5.90%

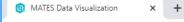
Arsenic: 6.20%

Other: 9.90%

Diesel Particulate Matter: 67.40%

Cancer risk due to toxic air contaminants is 28% higher in disadvantaged communities







Overview
Healthy Places Index

Green Space

experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/?draft=true&views=view\_40

Cancer Risk

Freeways and Large Facilities

Hazard Index (Non-Cancer Risk)

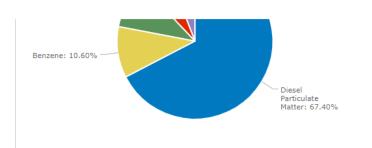
Trends

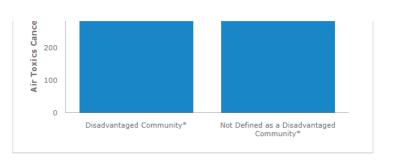
SB535 Disadvantaged Communities

Criteria Pollutant Map

Criteria Pollutant Trends

CalEnviroScreen 3.0





Gridded Cancer Risk

\*Disadvantaged communities are defined by SB 535, which considers different types of pollution in communities as well as health, social, and economic characteristics o the community.

