

# Lakewood Resiliency Task Force



**Objective Category: Air – Enhance air quality for all residents of Lakewood.**

Draft: February 6, 2019

## Our Purpose Statement:

To understand current and emerging forces that can impact Lakewood and the wellbeing of its citizens. Examining environmental, political, social and economic forces through the lens of resiliency, the Task Force will pursue and recommend systemic process enhancements that will allow Lakewood to identify, prioritize, execute and measure solutions that will lead to a continuously improving and thriving city for all, especially the most vulnerable among us, for generations to come.

## Indicators of the “Current State” in Lakewood:

### Days with AQI > 100:

Clean Air Act (1970) authorizes EPA to establish National Ambient Air Quality Standards (NAAQS) to protect public health and regulate emissions of hazardous pollutants. Amended 1977 and 1990 – as result of many areas of country failing to meet deadlines.

Year	Cuyahoga County		Cleveland – Elyria (Broader Statistical Area)	
	Total Days AQI > 100	Total Days AQI >150	Total Days AQI > 100	Total Days AQI >150
1985	226	41	217	55 (1 > 200)
1995	76	8	117	19 (2 > 200)
2005	44	4	99	20 (1 > 200)
2015	9	0	19	1
2018	11	0	15	0

### Current Asthma Prevalence Rate (Ohio):

Data from Air Pollution and Respiratory Health Branch, National Center for Environmental Health (CDC) Behavioral Risk Factor Surveillance System (BRFSS)

Year	Child	Adult
2005	~9.9%	~8.0%
2010	~9.2%	~9.6%
2016	~6.9%	~9.7%

Number of diesel trains per day traveling through Lakewood - 14

Number of city diesel vehicles with certified clean idle -

Number of city vehicles with idle reduction technology -

Number of city vehicles that are electric – 0

Daily Traffic Count on I-90 Lakewood segment – 103,120 (ODOT)

Average delay time for cross-city trip -

## Relevant highlights from previously adopted City of Lakewood Plans:

**Vision – Commercial Development** – “Educate property owners on best practices for commercial building rehabilitation”

**Vision – Commercial Development** – “Support environmentally sustainable development practices, including energy efficiency”

**Vision – Housing** – “Maintain existing trees on residential streets and manage our urban forest”

**Vision – Community Wellness** – “Develop a culture which promotes a sense of personal responsibility for community health and wellness”

**Vision – Community Wellness** – “Expand available greenspace”

**Vision – Mobility** – “Increase the number of miles travelled using means other than a car”

**Vision – Mobility** – “Educate residents on ways to reduce carbon emissions”

## Systems Level Connections to other Priorities:

**Prosperity:** Balancing needs of development and transportation with the need to reduce air pollution

**Living Infrastructure:** Natural features are protected, tree canopy is expanded

**Health:** Providing safe spaces for active living including walking, recreation and leisure

**Health:** Remediate toxic environments and reduce pollution

**Health:** Health outcomes are more equitable

**Natural Features:** Natural features and ecosystems are protected

**Housing:** Building and safety codes are enforced to ensure safety of indoor air

**Climate:** Decarbonization of energy generation

**Climate:** Migrate to low and no-carbon fuels

**Current and Proposed Projects and Programs in Lakewood:**

- Electric car charging stations (public)
- Electric car charging stations (private, as required via Parking Plans approved by Planning Commission)
- Bike share program w/ Cuyahoga County

**Objective Category:** Air

**Primary Goal or Objective: (the change we seek):**

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**Illustrative indicators, baseline measurements and performance targets:**

1.)

2.)

3.)

**Strategies and Interventions, Projects and Programs to meet the targets:**

- Anti-Idling education at schools

**Necessary and desirable stakeholders and partners, within Lakewood and beyond Lakewood:**

**Required changes to Policies and Procedures**

**Resources required vs. resources available and the time frame:**