



## REGIONAL HAZE FACTSHEET

# MASSACHUSETTS

### CLEARING THE AIR

Air pollution remains one of the most serious problems facing national parks. It is threatening the health of park visitors, wildlife and neighboring communities, driving the climate crisis and compromising our views with hazy skies. In fact, nearly 90 percent of our more than 400 national parks are plagued by haze pollution caused mostly by coal plants, vehicles and other industrial sources, as well as oil and gas development and operations.

Fortunately, certain national parks and wilderness areas, labeled “Class I” areas, have the strongest clean air protections in the country, mandated by the Clean Air Act (CAA). The Regional Haze Rule is the CAA’s time-tested, effective program that requires federal and state agencies as well as stakeholders to work together to restore clear skies at Class I areas around the country. While Massachusetts doesn’t have any Class I areas in the state, air pollution from industrial facilities in Massachusetts contributes to hazy skies throughout the state and region.

Massachusetts has submitted its regional haze plan to the Environmental Protection Agency (EPA). The plan outlines what pollution reductions the state will require from industrial facilities, if any. EPA must now decide to approve, partially approve, or disapprove the plan.



# 6

Industrial facilities in Massachusetts potentially affecting visibility in 8 regional Class I Areas.

Fort Warren, a Colonial fortification was used to defend Boston and is part of the Boston Harbor Island National Recreation Area.

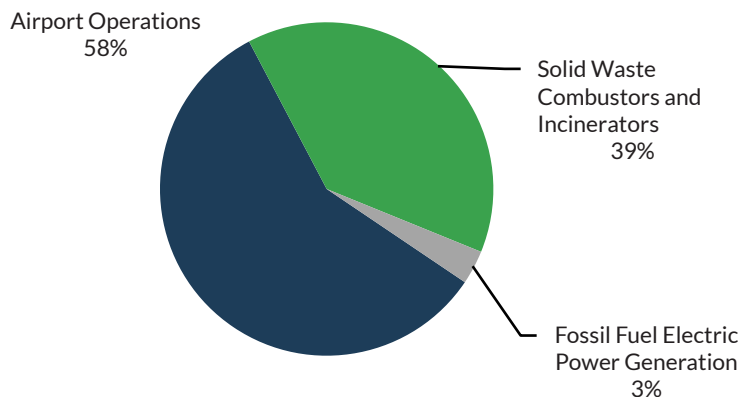
Credit © Kirkikisphoto | Dreamstime.com

*NPCA analysis of impact of industrial facilities based on publicly available emissions data from the EPA’s 2017 National Emissions Inventory (NEI) and the 2019 Air Markets Program Data (AMPD). Note that data regarding emission numbers and sources of pollution may have changed since the creation of this fact sheet. Please contact dorozco@npca.org for updated data information.*

### MASSACHUSETTS’ INDUSTRIAL SECTORS OF HAZE POLLUTION

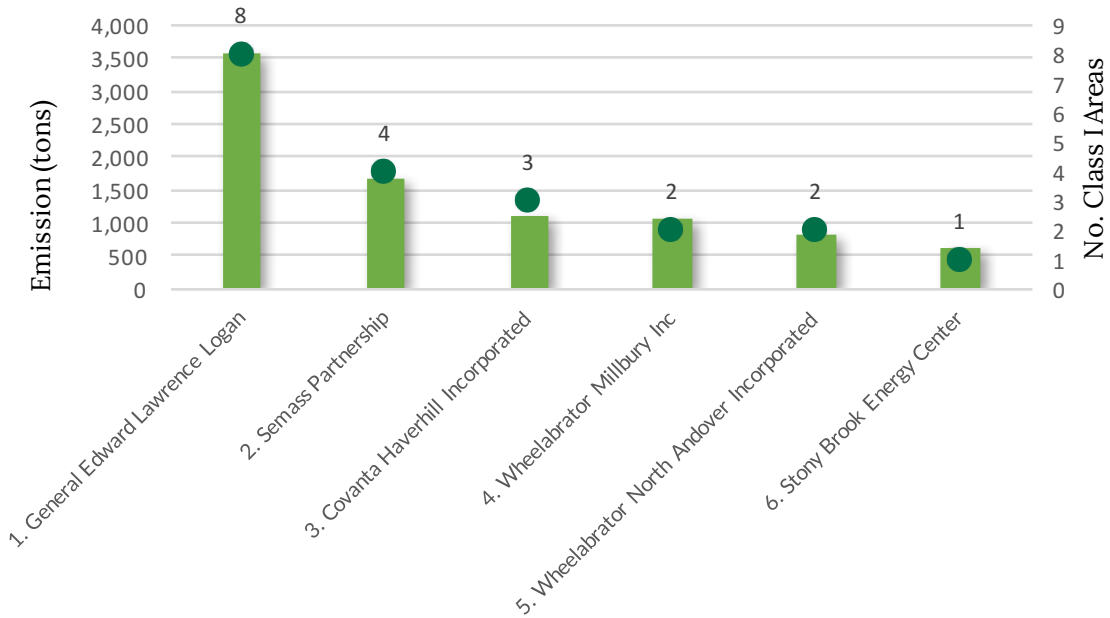
NPCA analyzed publicly available data to identify the worst sources and industrial sectors of haze pollution potentially affecting Class I Areas. We evaluated these emitters to determine which sources should be selected by the state for a four-factor reasonable progress analysis.

The chart on the right shows the industrial sectors emitting the most visibility impairing pollution in Massachusetts.



# Sources of Visibility Impairing Pollution in Massachusetts

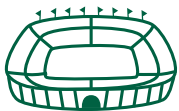
## MASSACHUSETTS' 6 WORST SOURCES OF REGIONAL HAZE POLLUTION



■ Total SO<sub>2</sub>, NO<sub>x</sub> and PM emissions (tons) ● Total No. of Class I Areas likely affected

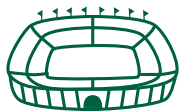
The state of Massachusetts identified a set of point sources for a four-factor reasonable progress analysis and requested information on emission reduction options from these source owners. NPCA supports the evaluation of these sources and we urge the state of Massachusetts to also do four-factor analyses for additional sources and to ensure pollution controls are required to cut emissions from these polluting facilities.

## HOW MANY FOOTBALL STADIUMS (8 STORIES HIGH) COULD EACH OF THE TOP FIVE INDUSTRIAL FACILITIES IN MASSACHUSETTS FILL WITH THEIR EMISSIONS EACH YEAR?



14

General Edward  
Lawrence Logan  
Suffolk County  
3,584 tons



7

Semass Partnership  
Plymouth County  
1,660 tons



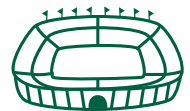
4

Covanta Haverhill  
Incorporated  
Essex County  
1,101 tons



4

Wheelabrator  
Millbury Inc  
Worcester County  
1,061 tons



3

Wheelabrator North  
Andover Incorporated  
Essex County  
818 tons

**TAKE ACTION:** We have an opportunity to achieve a regional haze plan for Massachusetts that protects people, parks, and our future. Please join our effort to ensure that all decision-makers and stakeholders, at the federal, state, and municipal level work to make this happen.

For more information, please contact Lauren Cosgrove at [lcosgrove@npca.org](mailto:lcosgrove@npca.org).