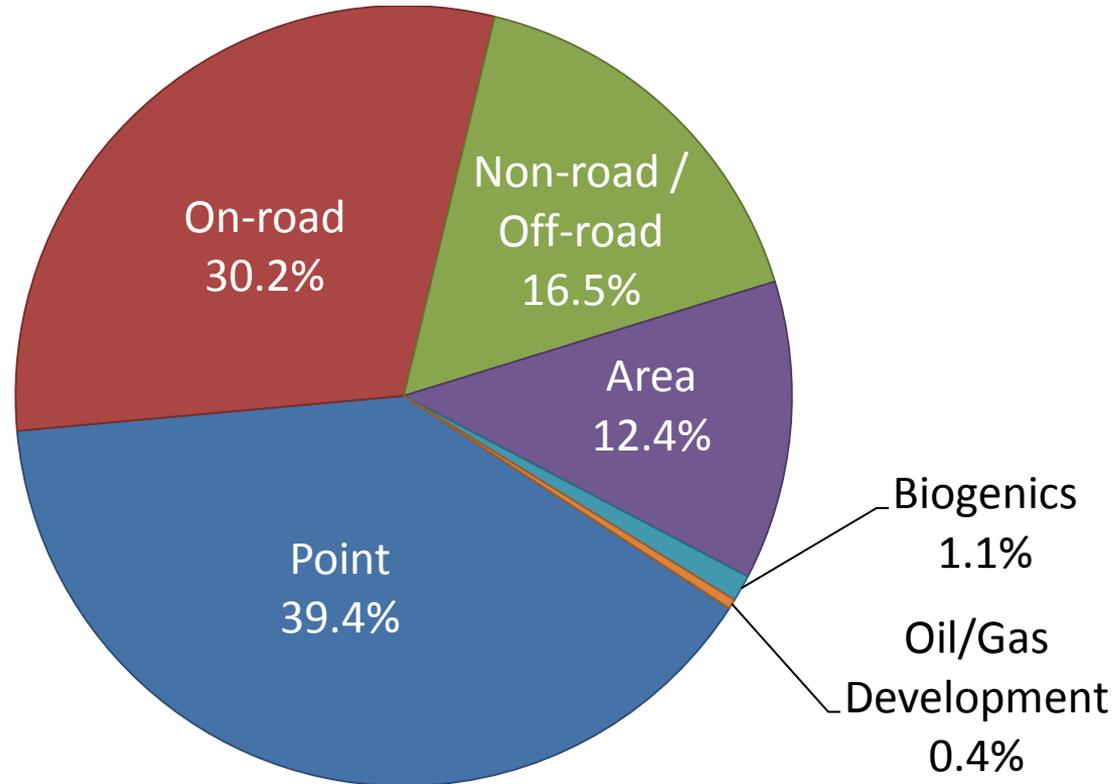


Air Quality Cost of Non-Attainment



City Council Budget Goal Setting Session
June 8, 2016

MSA Contribution to Ozone by Source Category, 2018



2015 Ozone Standard

Adoption and Implementation Timeline

Date	Action
10/1/17	EPA determination of attainment or non-attainment (based on Governor's recommendation & 2013, 2014, and 2015 ozone data, 3-year average)
10/1/20	State Implementation Plan elements for non-attainment areas are due
12/31/20	Attainment deadline for "Marginal" areas
12/31/23	Attainment deadline for "Moderate" areas



Economic Costs



CAPCOG's Cost of Nonattainment Study

"...a nonattainment designation ...could cost the Central Texas economy \$24 - \$41 billion between 2018 and 2046. On an annual basis, that would be \$0.9 - \$1.4 billion per year."

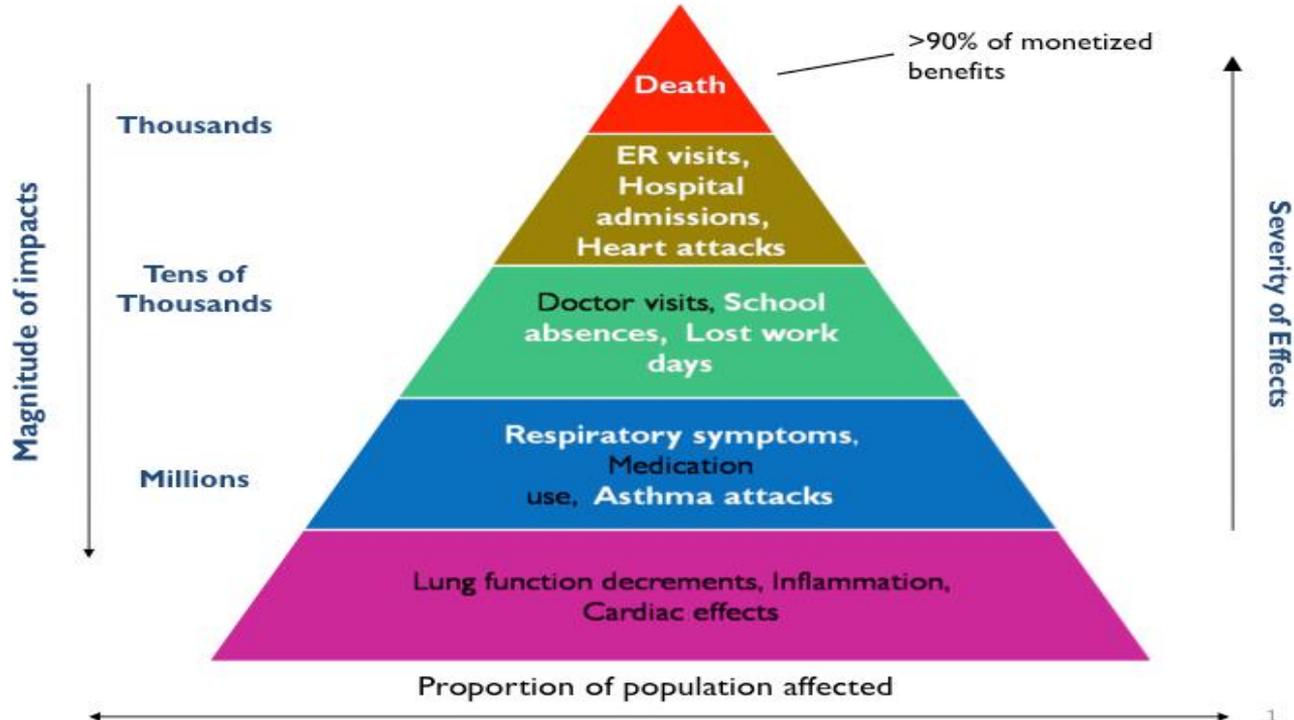
For the Austin- Round Rock Region

"A nonattainment designation is a threshold that, once crossed, has at least 23 years of economic consequences for the region for some of the regulatory requirements even under the most optimistic circumstances."



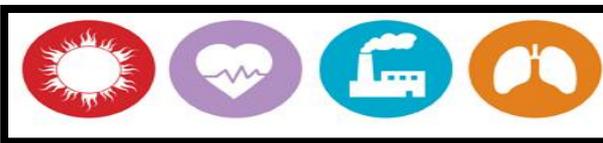
Economic Health Impact

A “Pyramid of Effects” from Air Pollution



Recommendation

**ECONOMIC
IMPACT**



Public Health

- Assess the economic value of air quality change using both “Cost of Illness” and “Willingness to Pay” metrics.
- Consider funding a Public Health Impact Study of Non-Attainment.

