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# Division of Air Quality

**Bryce Bird**  
Division Director



UTAH DEPARTMENT of  
ENVIRONMENTAL QUALITY

**AIR  
QUALITY**

# Our mission

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*Safeguarding and improving Utah's air while supporting communities and growth statewide.*





# What we do: Planning

- Air monitoring
- Air Quality Policy
- Technical analysis
- Emissions inventory
- Grants and incentives



# What we do: Permitting

- Major / minor new source review
- Operating permit – CAA Title V source





# What we do: Compliance

- Air toxics, lead and asbestos
- Major / minor source compliance
- Oil and gas compliance



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# PM2.5 v. Utah population



Utah  
population

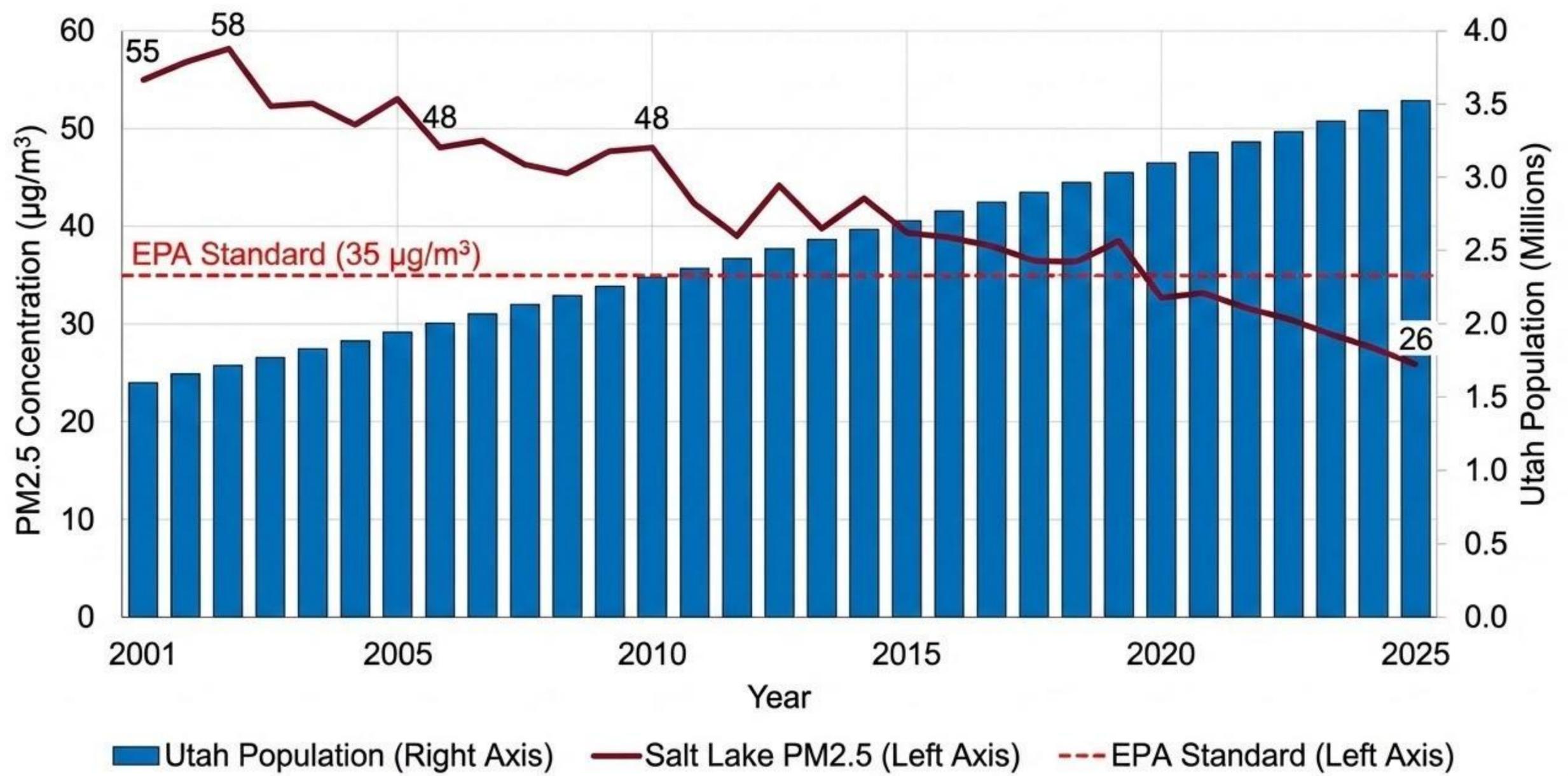


PM2.5  
concentration

\*2001-2025

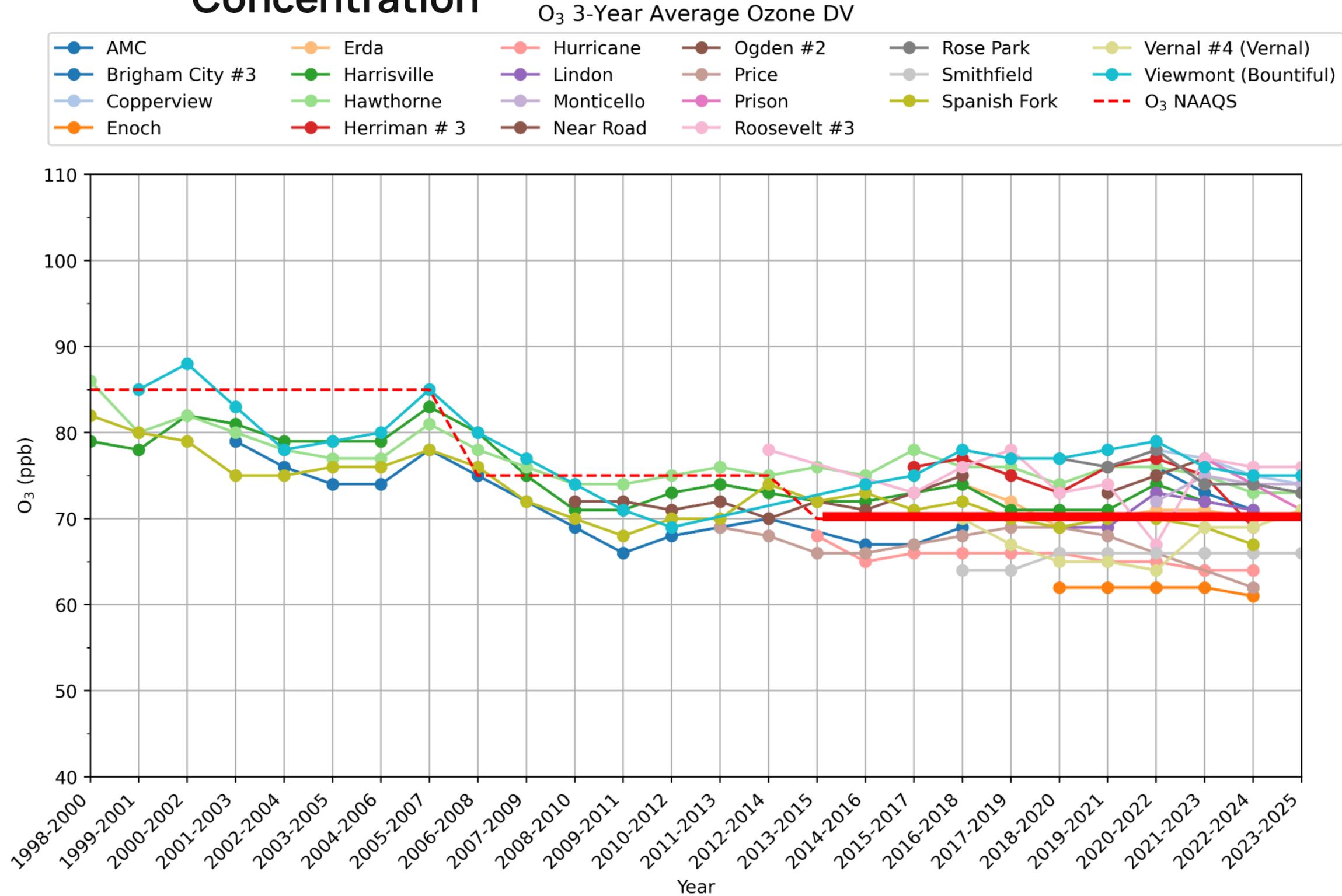


# PM2.5 vs. Utah population



# Summertime air quality concerns

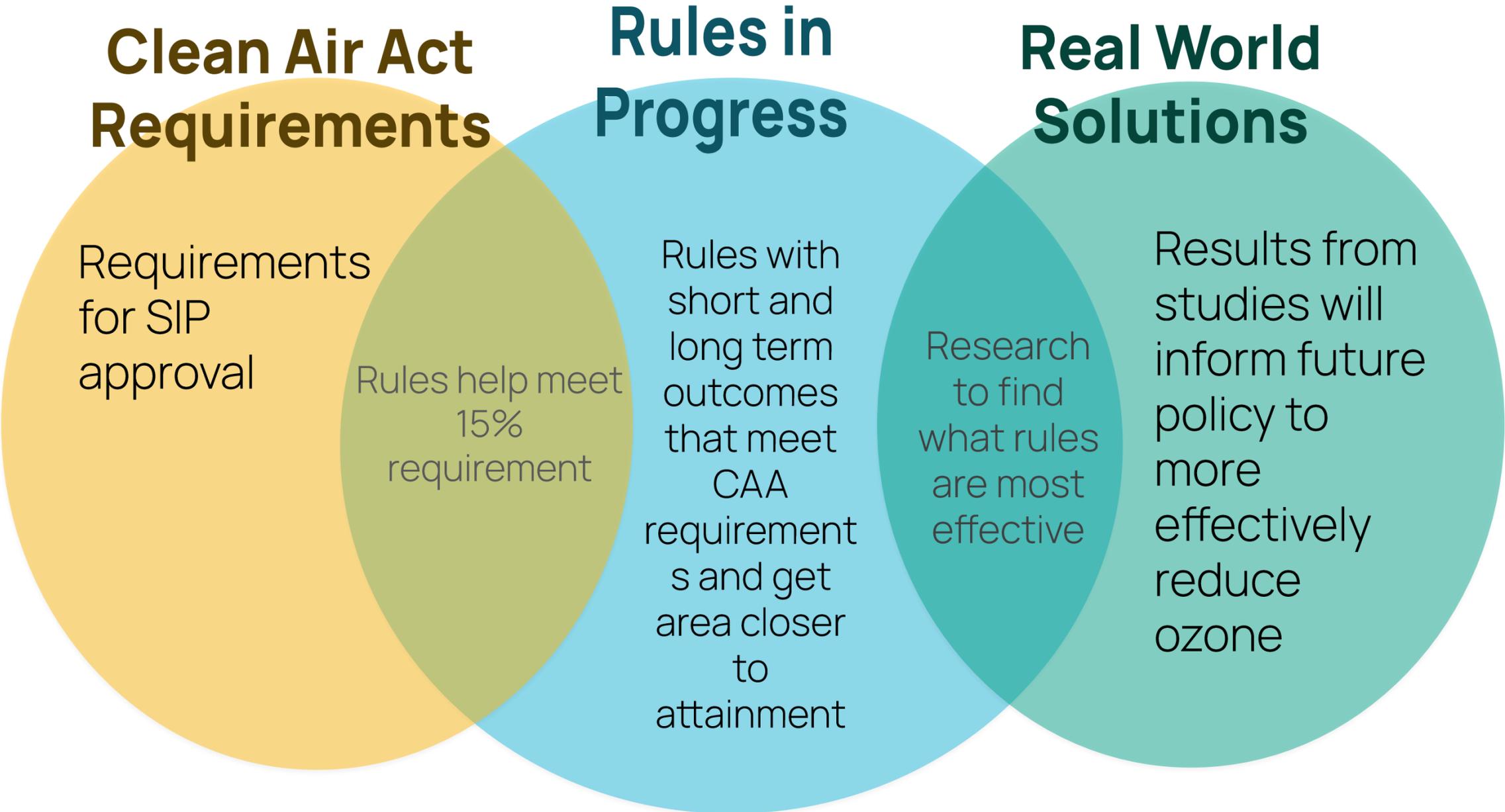
## 3-Year Average 4<sup>th</sup> Highest 8-hr Ozone Concentration



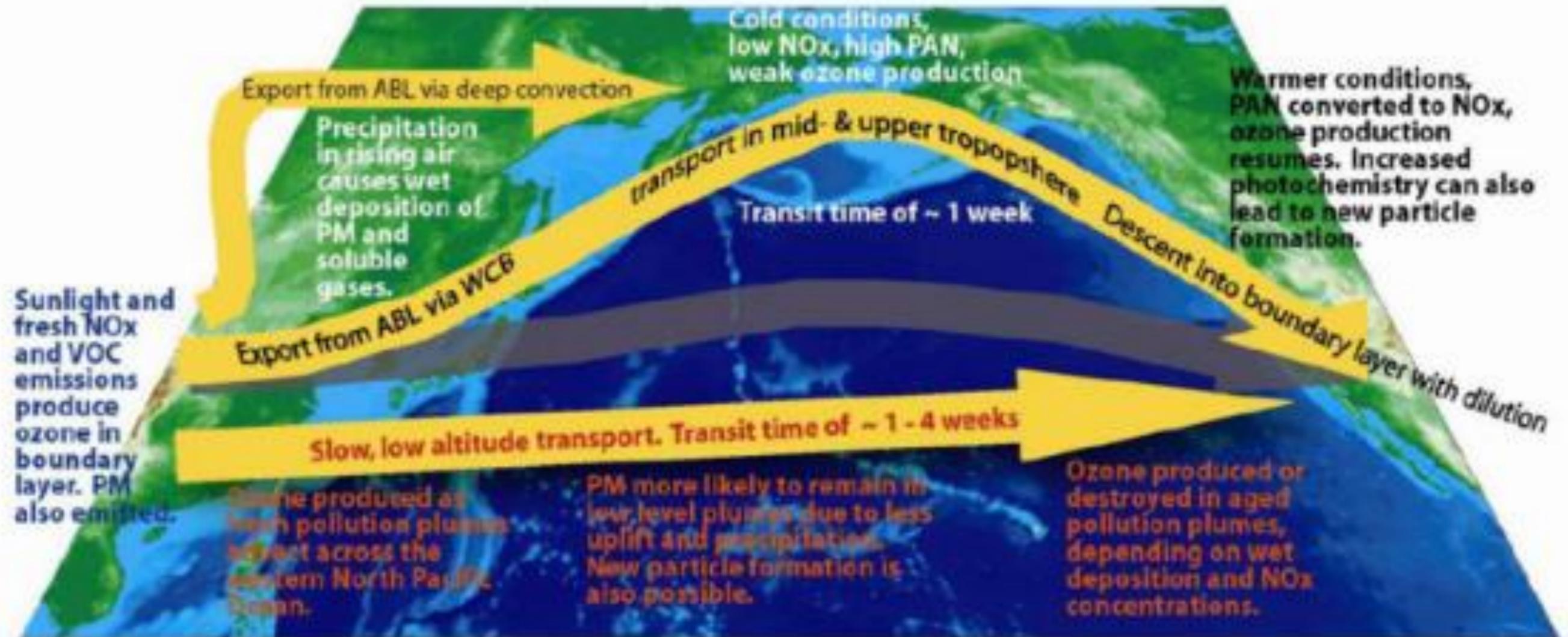
# Ozone Attainment Plan

Clean Air Act 179B

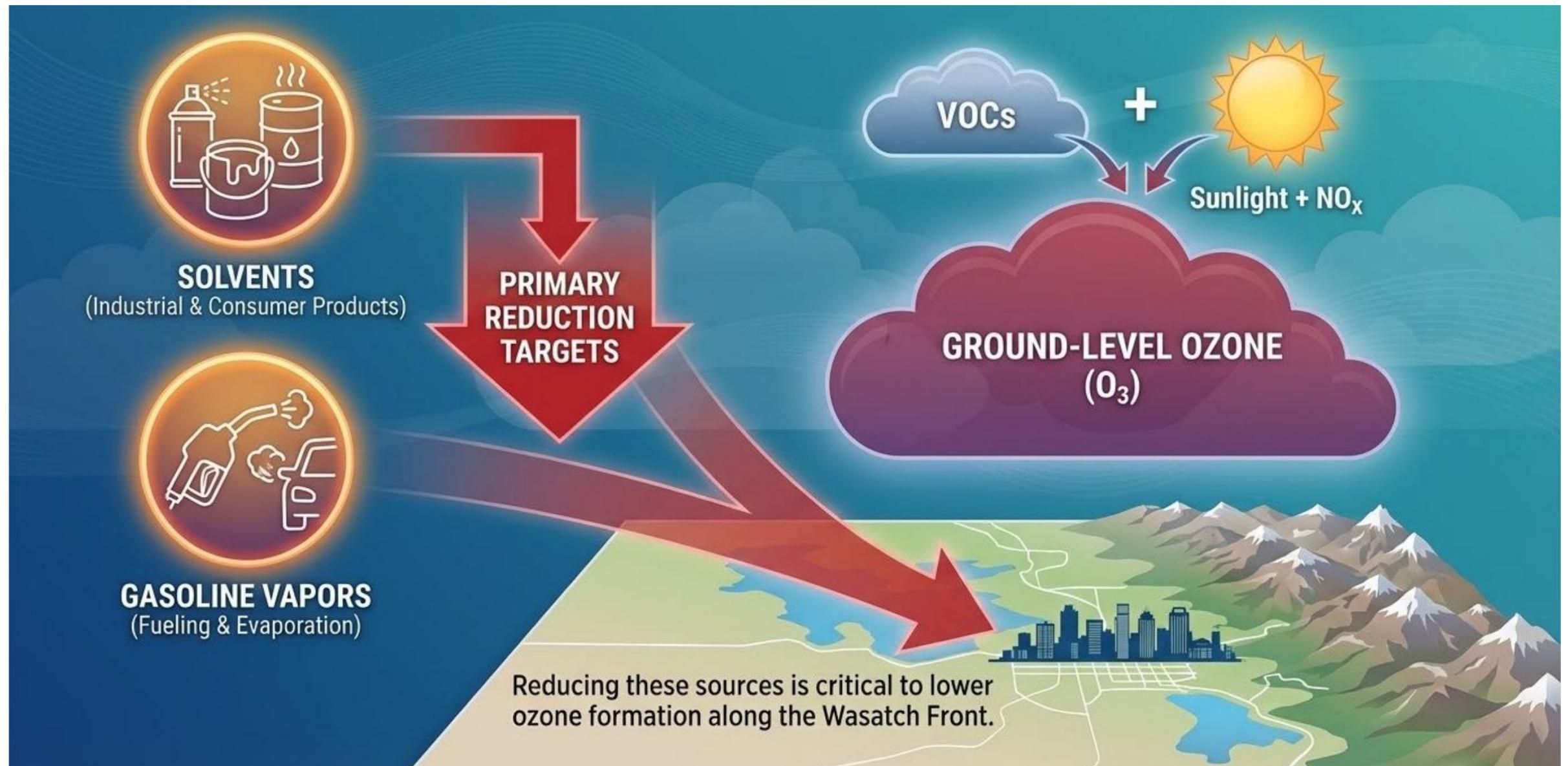
*Prevent serious nonattainment and allow time for real world solutions*



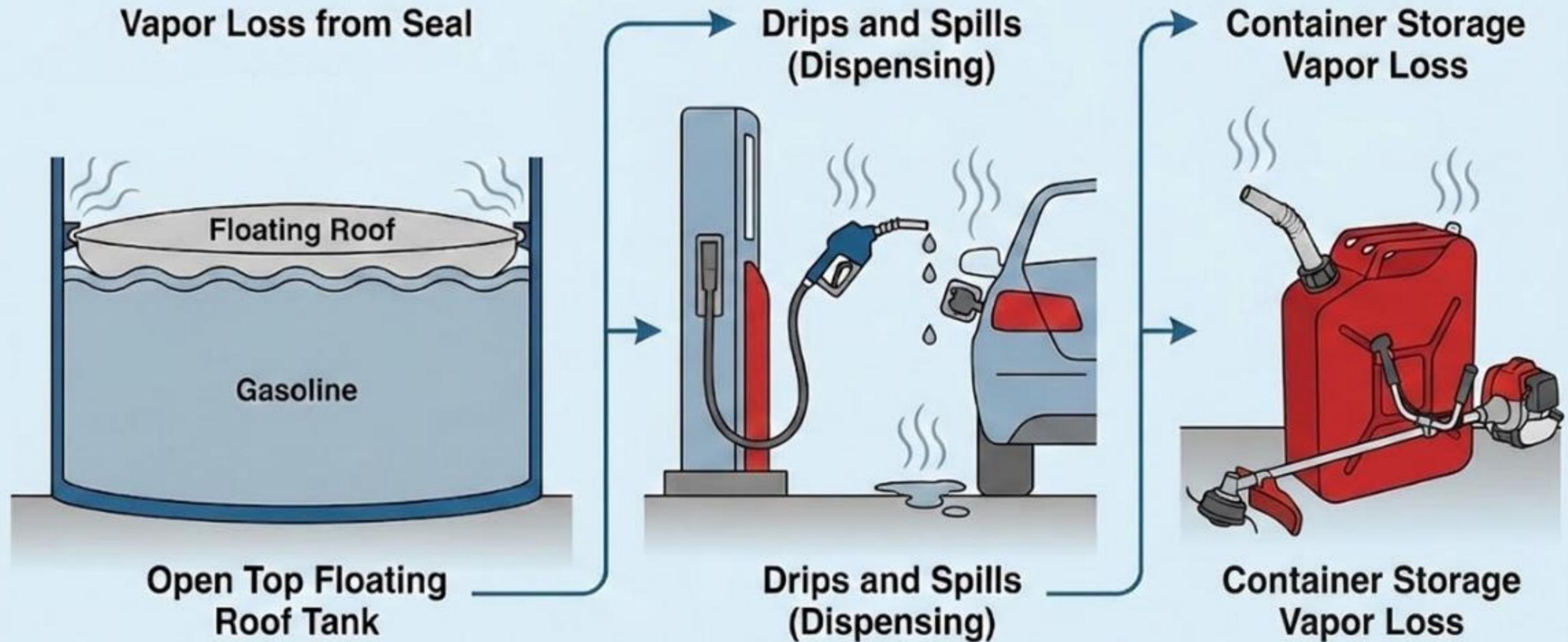
# Clean Air Act 179B International Emissions



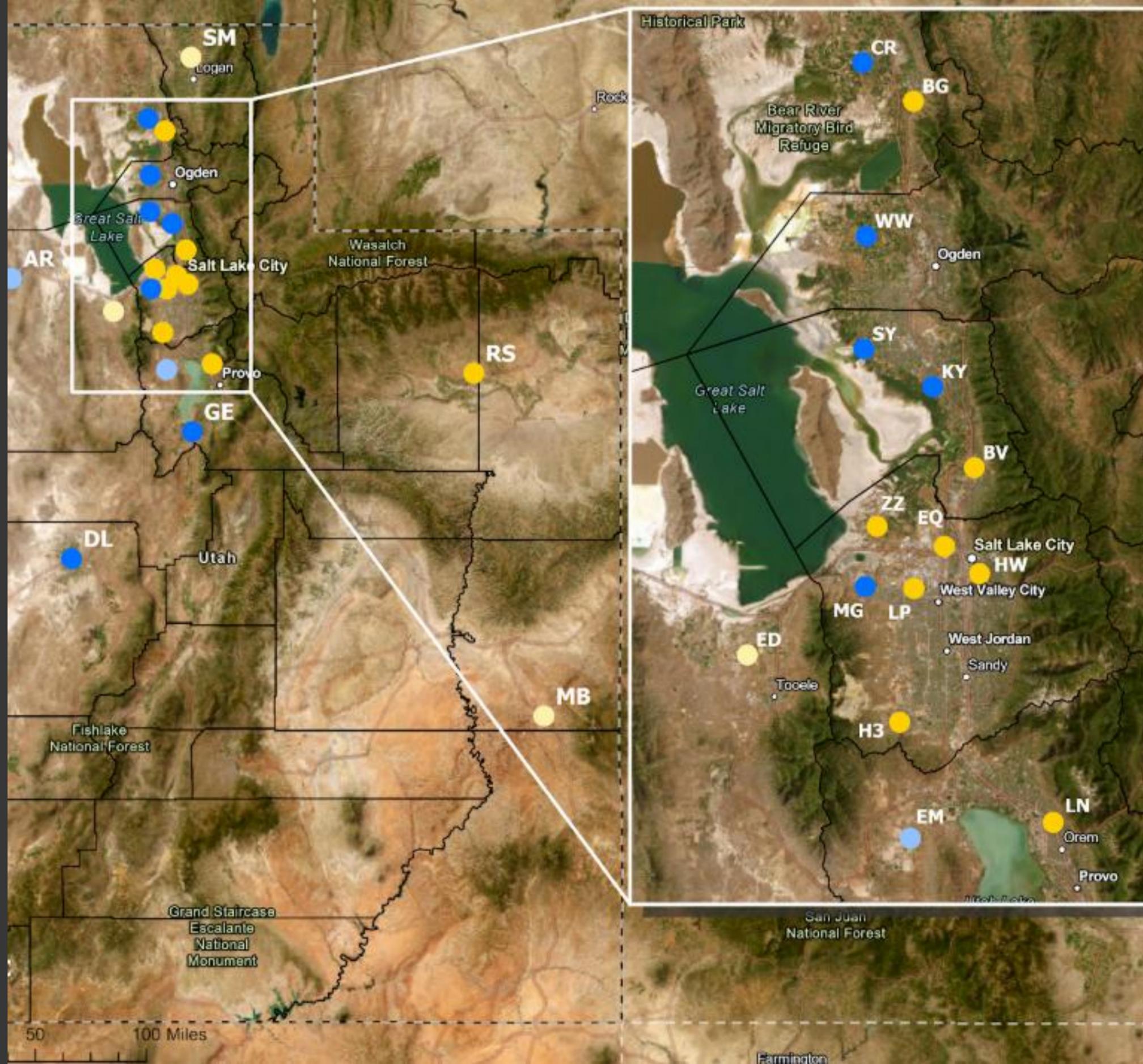
# Wasatch Front Reduction of Reactive VOC



# Sources of Gasoline Vapor Loss



# Dust Observation Research Network

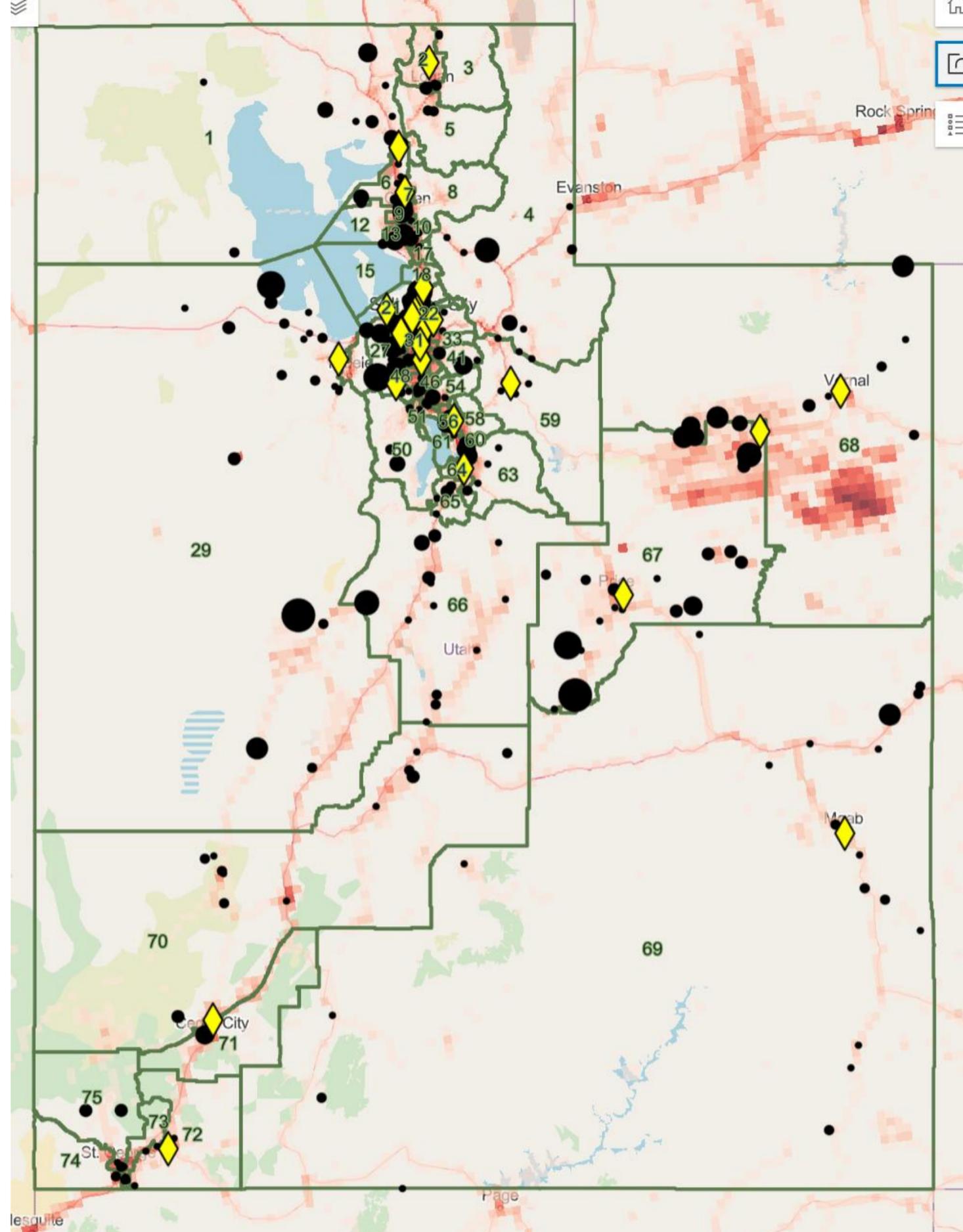


# Statewide Emissions Sources

House Districts



Senate Districts



# Rules in Progress

*Rules that meet CAA requirements and get area closer to attainment*



Gas dispensing rule



Small 2-stroke yard care equipment



Major industry control analysis



Refinery tank controls



# 2025 Major Accomplishments



PM2.5 attainment designation



PM2.5 major source SIP revisions



IPP alternative permit issued



Water heater rules required by HB313



Revisions of permitting rules required by HB85



# 2025 Major Accomplishments cont.



Six dust monitors installed and operating



Data center and power generation permitting



Comprehensive Beehive Emissions reduction plan



Fugitive dust stakeholder convening



Grants and incentives



- ✓ **Public Outreach on Air Quality**
- ✓ Total campaign Impressions:  
65,882,542
- ✓ 95% of Utahns surveyed post-campaign are familiar with personal actions they can take to improve Utah's air.
- ✓ Specifically, Utahns reported taking action to improve air quality.

**Live to Breathe**  
Do your part for Utah's air

**We all play a part in Utah's air quality.**

Some of us breathe deep at the worksite. Some on the playground. And others out on the trail. But whether we're at work, at school or at play, we all breathe the same air to live. So, let's do our best to keep it clean.

- Abundance accelerator regulatory review
- Ozone SIP revision
- Regional haze SIP revisions in response to partial disapproval
- SO<sub>2</sub> State implementation plan
- Implement statewide dust observation research network
- Review EPA's actions to reconsider



# 2026 Bills

- HB437 Environmental Permitting Amendments
- HB22 Vintage vehicle amendments
- HB263 Heavy duty vehicle amendments
- HB378 Fugitive dust mitigation amendments
- SB176 Landscaping procurement amendments
- SB208 Vehicle emission inspection program revisions



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