



# Planning Committee SIP Minute

What happens when a NAAQS changes?

# Planning Timeline

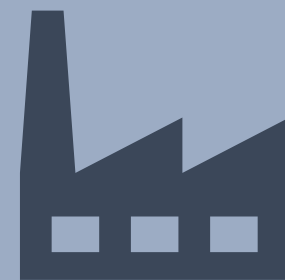
<p>Revised NAAQS Promulgated</p>	<p>Governor submits area designation recommendation</p>	<p>EPA notifies states of any intended changes to the recommendation “120-day letter”</p>	<p>EPA publishes notice of state recommendation Start 30-day public comment process</p>	<p>State submits any additional information to respond to EPA’s modifications</p>	<p>EPA promulgates final area designations</p>
	<p>Within One Year</p>	<p>120 days before final designations</p>	<p>Not required by CAA §107(d)</p>	<p>60 days from the “120-day letter”</p>	<p>No later than Two Years from NAAQS promulgation</p>

Requirements found in Clean Air Act §107(d)

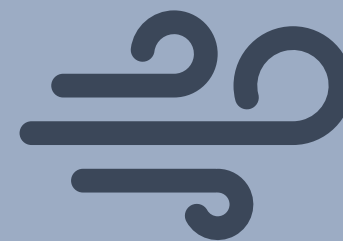
# Area Designation Factors



Air Quality  
Data



Emissions &  
Emissions  
Related Data



Meteorology

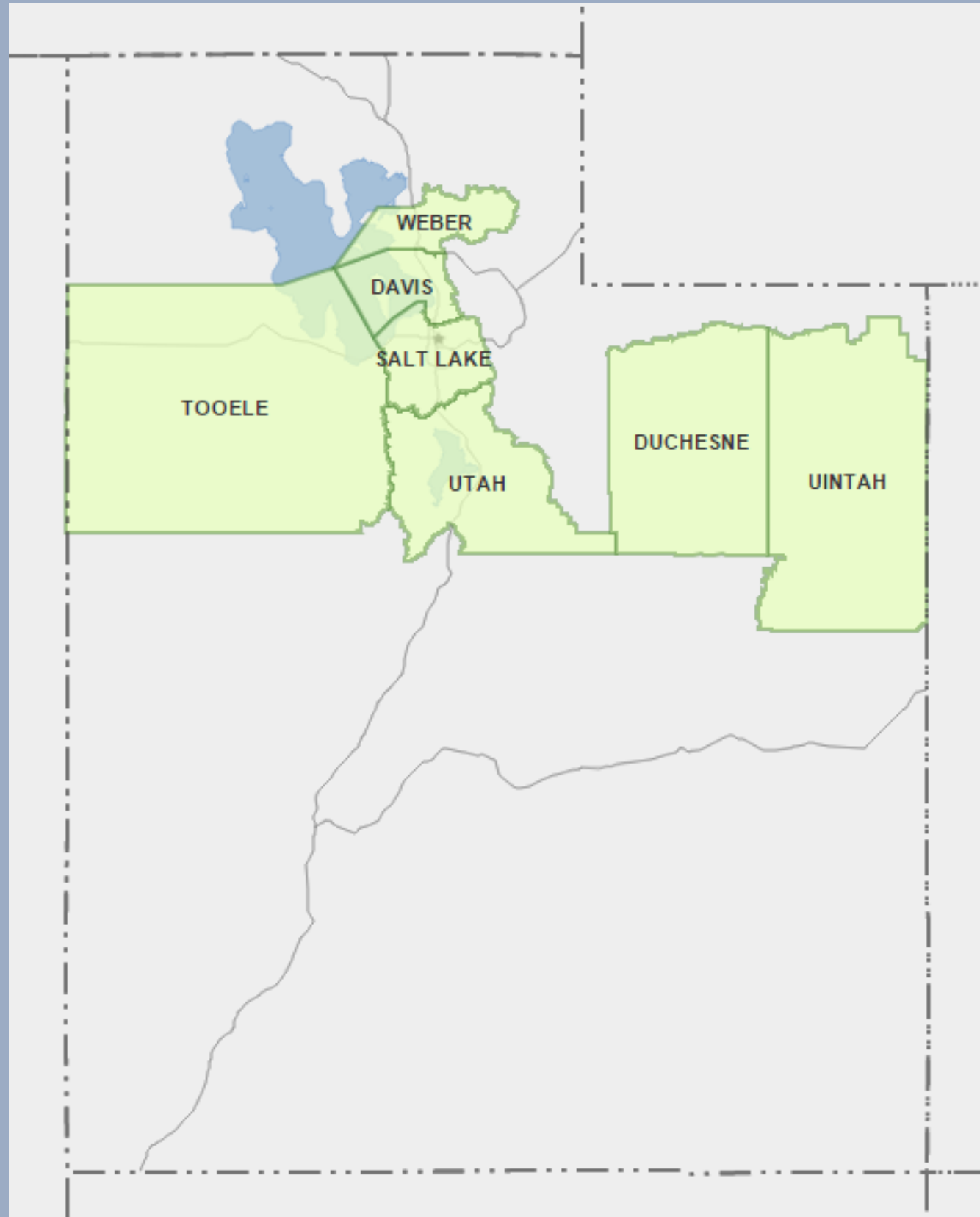


Geography/  
Topography

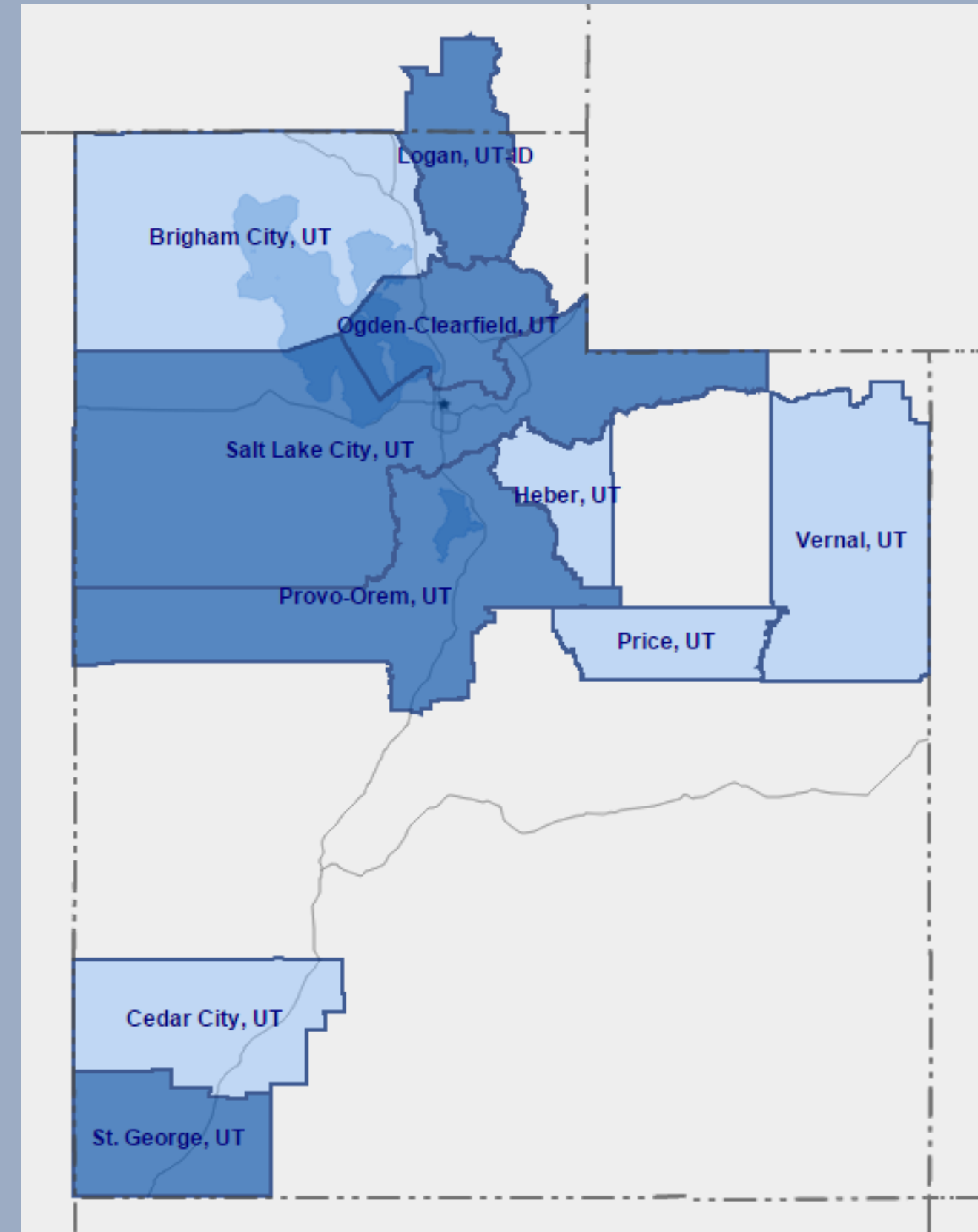


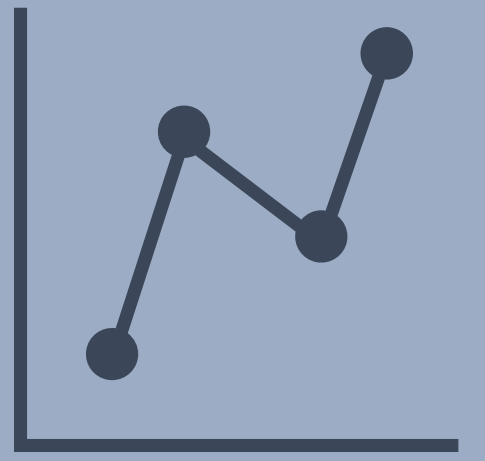
Jurisdictional  
Boundaries

# Start with County Boundaries



# Then Core Based Statistical Areas





Air Quality  
Data

Most Current  
Certified  
Monitoring  
Data

Calculated  
Design Values

Exceptional  
Event  
Demonstrations

Historic trends



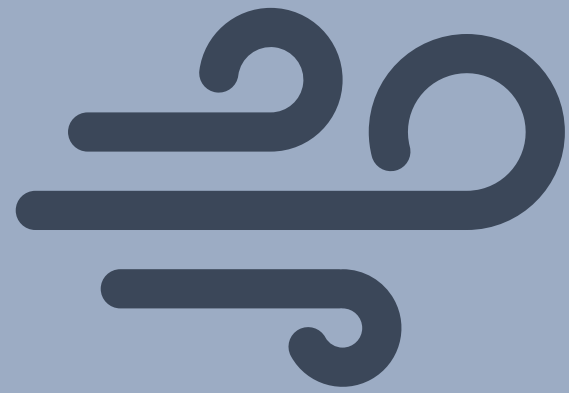
Emissions &  
Emissions  
Related Data

Emission  
Inventories

Location of  
major emission  
sources

Population and  
Urbanization

Traffic Counts  
& Commuting  
Patterns



Meteorology

Trajectory  
Models  
(HYSPLIT)

Wind Speed and  
Direction

Gridded  
meteorological  
data

Air Quality  
Studies



What land features define an airshed

How does this affect pollutant distribution & formation





## Jurisdictional Boundaries

Define a legal  
boundary for air  
quality planning  
& enforcement

County  
Boundaries

Existing  
nonattainment  
areas

Geographic  
coordinate  
systems &  
permanent  
landmarks

# Infrastructure SIP

Due three years  
after NAAQS  
promulgation

Required under  
CAA §110(a)

Demonstrates a  
state has authority  
to implement,  
maintain, &  
enforce the  
NAAQS

Includes the  
Interstate  
Transport SIP