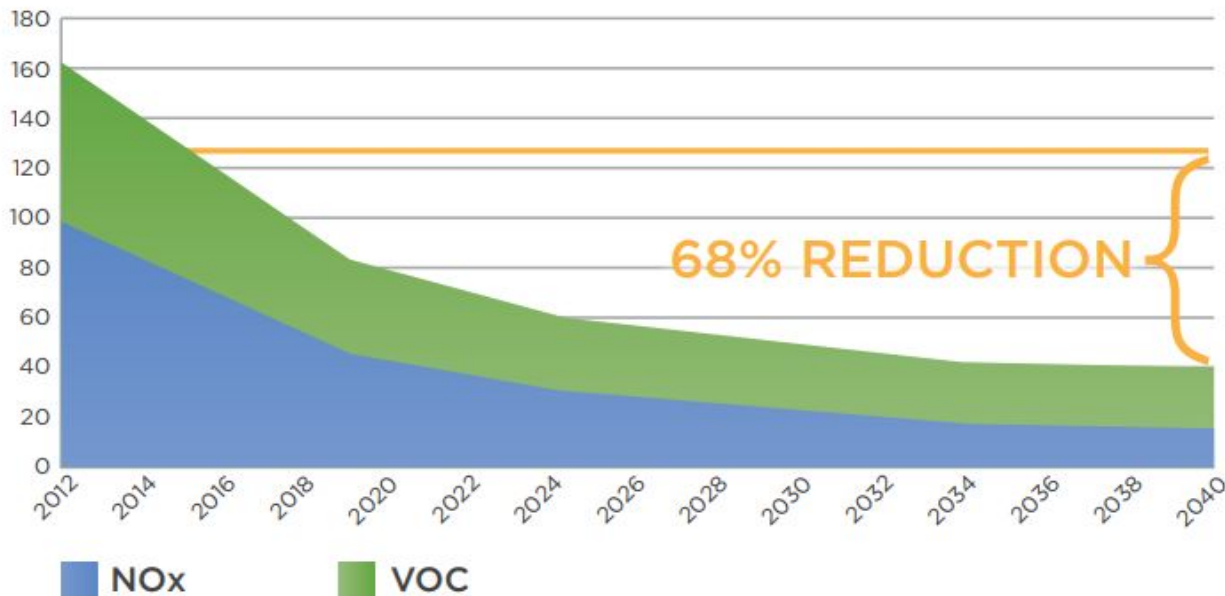


Our Air Quality Is Improving

VEHICLE EMISSIONS REDUCTION



Vehicle emissions are now decreasing and will continue to in the future due to new technology called Tier 3 vehicles and fuels.

Emissions from vehicles—mono-nitrogen oxides (NOx) and volatile organic compounds (VOC)—are projected to decline markedly over the life of the Unified Plan due largely to Tier 3 fuels and vehicles and to a balanced transportation system that provides choices for getting around. Estimates are for Weber, Davis, Salt Lake, Tooele, Box Elder, Cache and Utah Counties.

Source: WFRC MOVES model, Cache MPO and MAG emissions for 2040 reported in Unified Plan.

Current Conditions

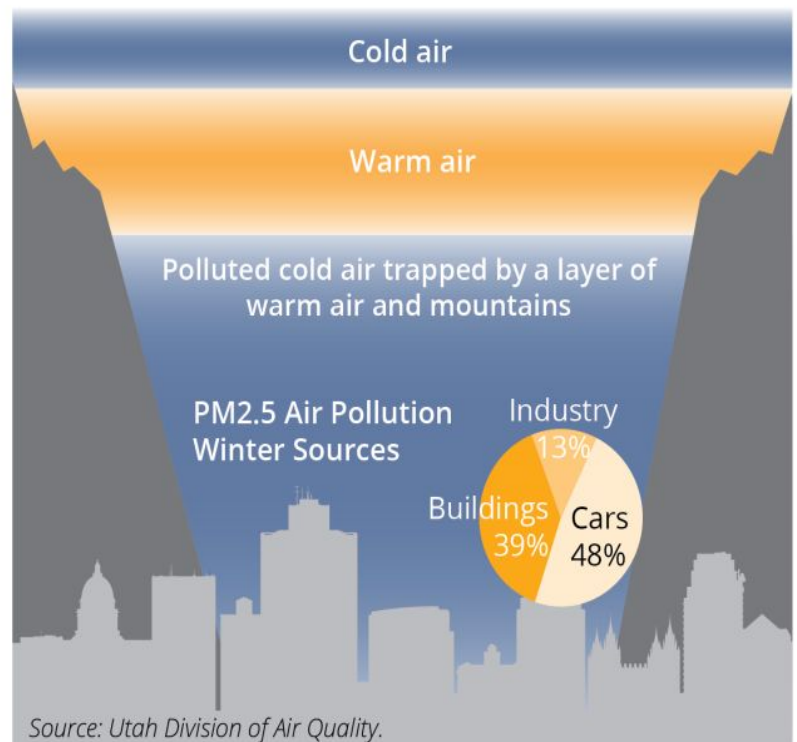
The Wasatch Front does not currently meet National Ambient Air Quality Standards for Particulate Matter (PM) 2.5

We do, however, have a plan in place and are reaching yearly goals to meet those standards by 2024 if not sooner.

On average 9 days out of a year exceed these standards. The other 356 days Utah County meet the National Standard.

Our mountain valley geography coupled with wintertime inversion weather patterns contribute to these 9 bad air day per year.

Causes of inversions and sources of pollution in the Wasatch Front and Cache Valley



Source: Utah Division of Air Quality.



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Contact:

Shauna Mecham

801-229-3838

smecham@mountainland.org

Emission Sources - What Can You Do?

www.ucair.org

Where does Utah's air pollution come from?



48%

MOBILE SOURCE: Mobile source air pollution includes any air pollution emitted by motor vehicles.

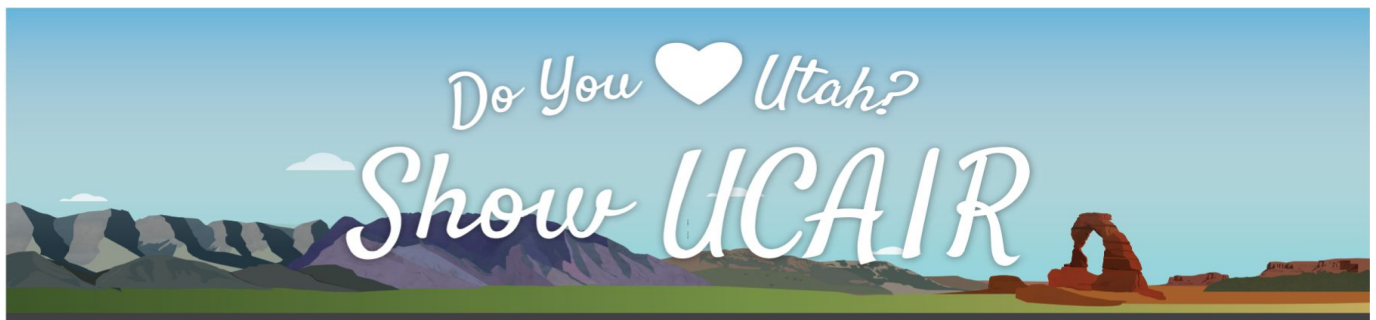
13%

POINT SOURCE: A point source of pollution is a single identifiable source of air pollution such as a factory, mine or refinery.

39%

AREA SOURCE: Area sources include small pollution sources like dry cleaners, gas stations, and auto body paint shops. It also includes residential sources like fireplaces, lawnmowers and heating and cooling units.

Source: Utah Division of Air Quality
• Average winter day
• NO_x, VOC, and direct PM_{2.5}
(most important contributors)



Home



Conserve energy by programming your thermostat



Shovel snow rather than using a blower



Make sure to turn off unused lights

Work



TravelWise by carpooling teleworking or taking transit once a week



Trip chain whenever possible



Instead of driving to lunch, skip the trip and pack your own

Community



Stay idle free by skipping vehicle "warm-ups"



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