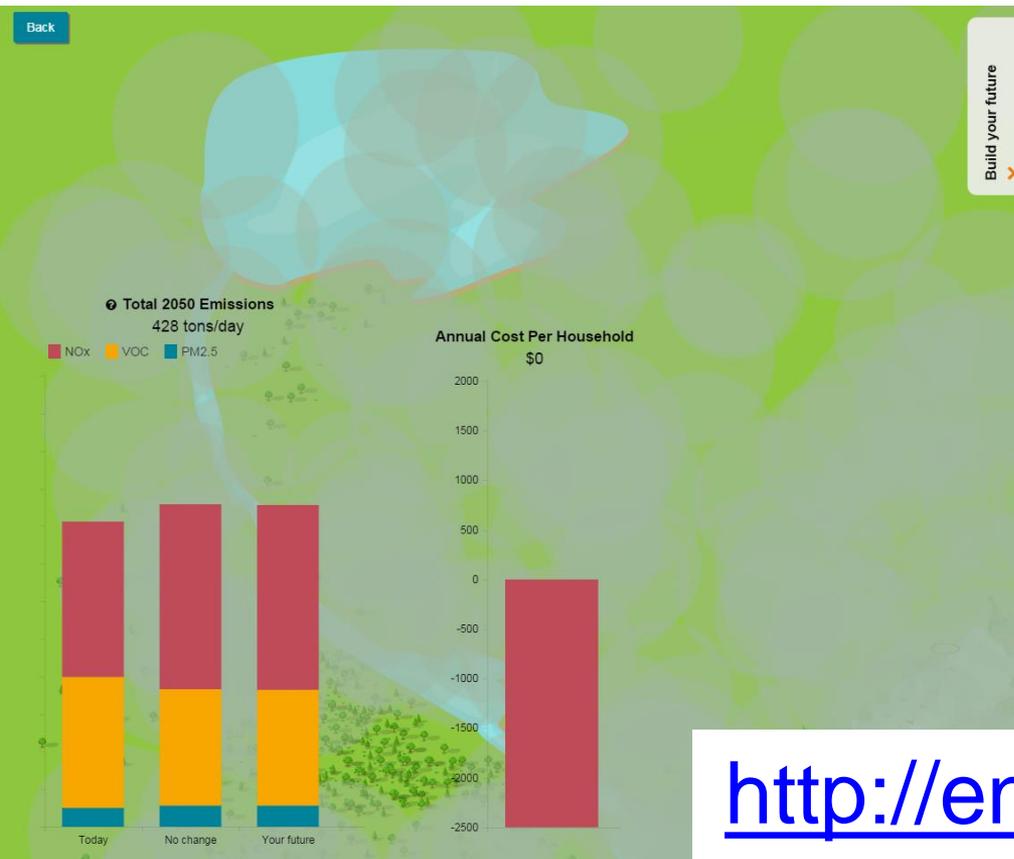


# Clean Air Action Team Recommendations

# Build Your Utah 2050 Web App



Build your future >

## Air Quality

99% of Utahns recently said they'd be willing to do something to reduce air pollution. Do you know what would make the biggest difference?

Experiment with the actions Utahns could take and see the resulting impact on key air quality measurements. Learn more about the impacts by selecting the ? icon. When you're done experimenting, select the options you would recommend and press "Continue."

## Cars

Will we use low-sulfur (tier 3) fuels in our automobiles?

How clean should our typical cars be?

Slider: Avg. Smog Rating: 6 (tier 2, same as today)

How much will we drive, considering options of walking, biking, and public transit?

Slider: Same as Today

## Homes & Buildings

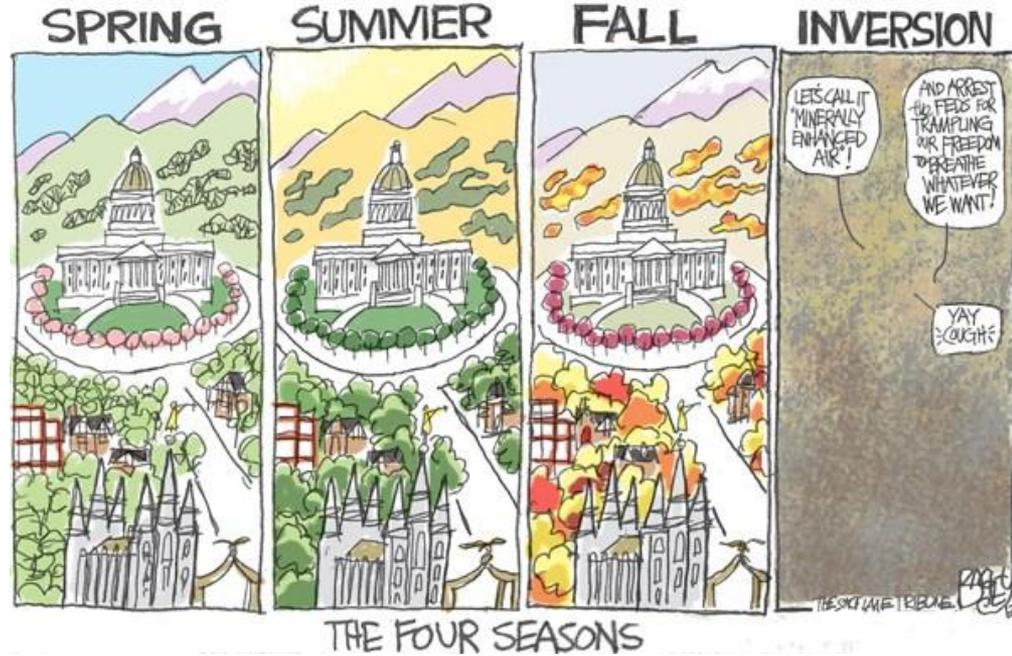
How much wood will we burn?

Slider: Reduction per capita: Same as today

What type of water heaters will we use?

Slider: Same as today

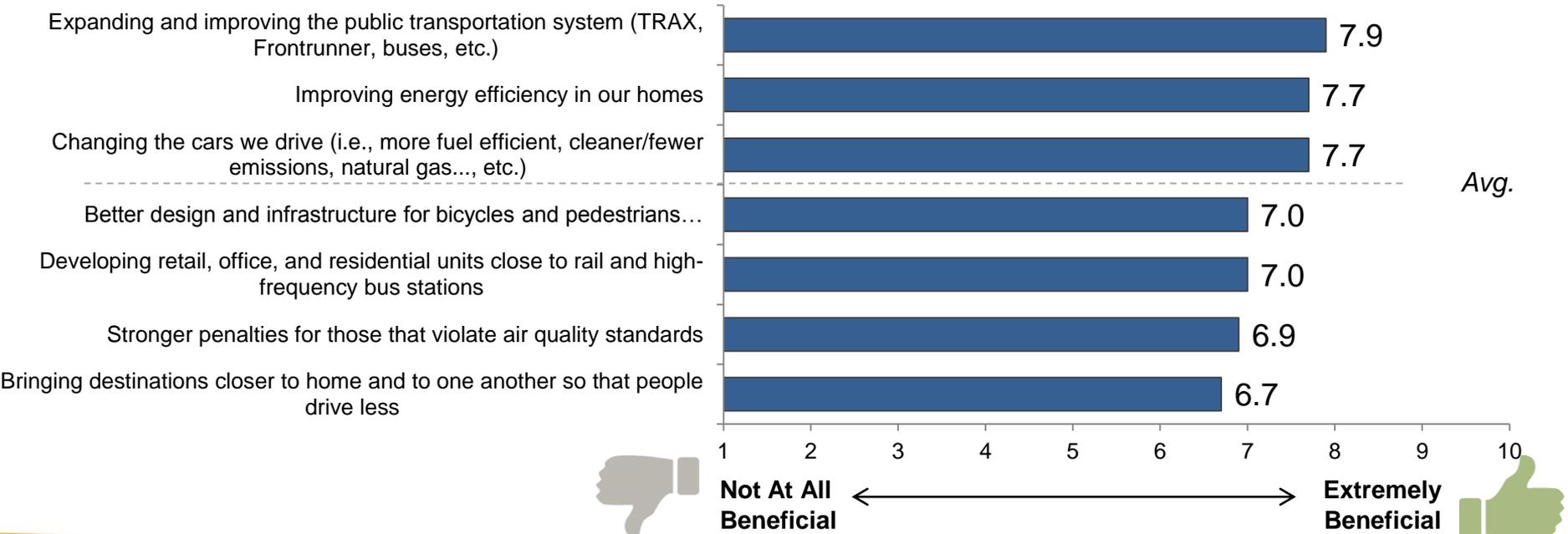
<http://envisionutah.org/game/#/>



What do Utahns think about air quality?

# Improving public transportation, energy efficiency in homes, and changing the cars we drive are seen as the most beneficial long term strategies to improve air quality.

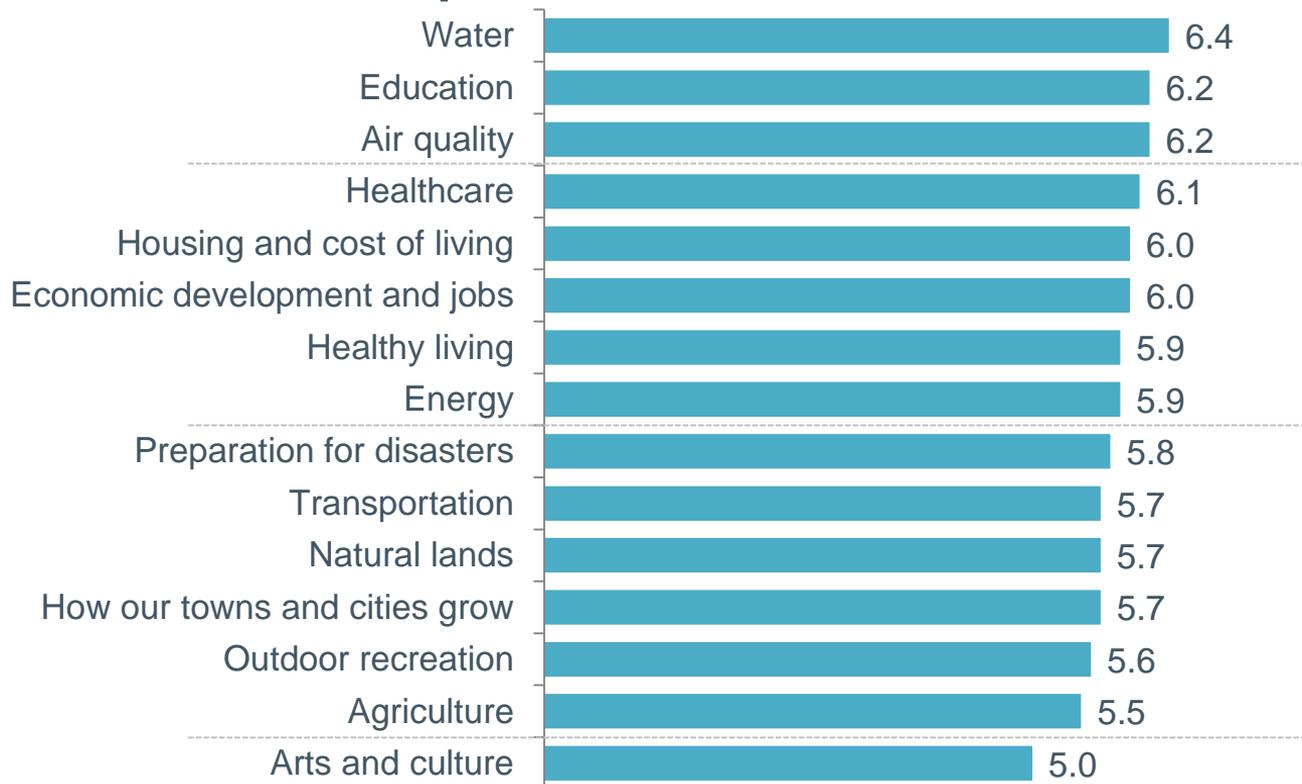
## Impact of Long Term Air Quality Strategies (Mean Scores: 1-10 Scale)



**BASE: ALL QUALIFIED RESPONDENTS**

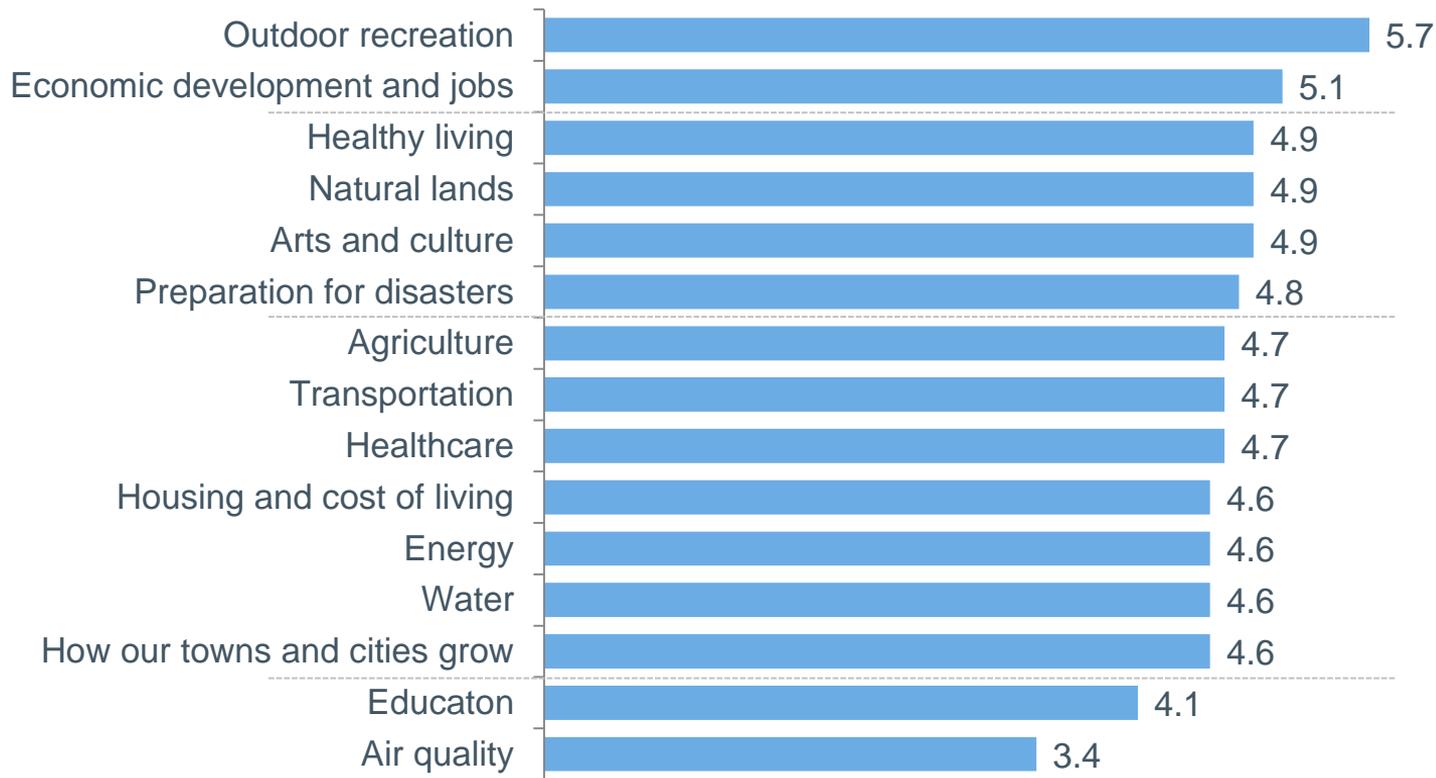
Q500. Think for a moment about strategies or approaches that could be implemented now to improve air quality over the **long term** to have a lasting impact. On a scale from 1 to 10, where '10' is extremely beneficial and '1' is not at all beneficial, please rate the following strategies or approaches in terms of how beneficial they would be to the improvement of air quality in Utah.

## Mean Importance to Utah's Future

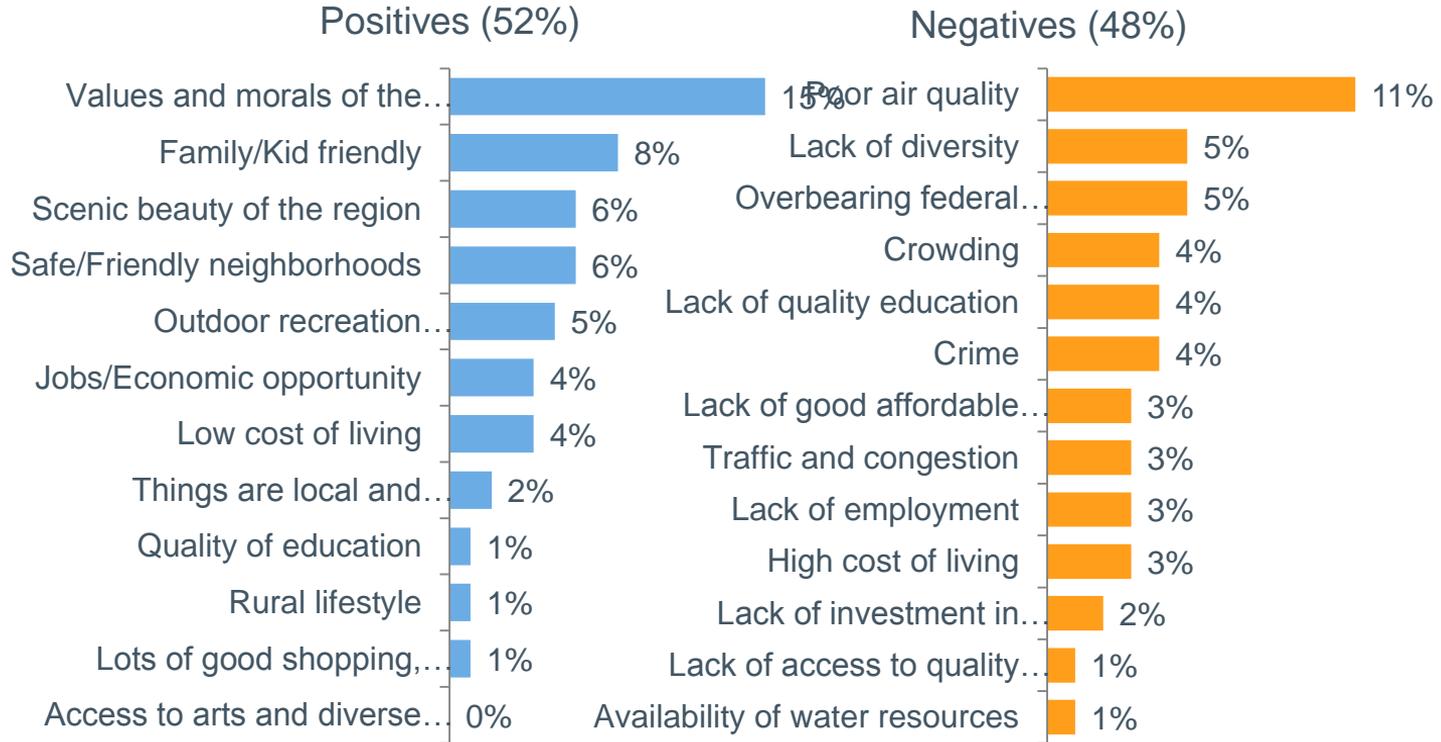


# Performance on Priorities for the State of Utah

YOUR UTAH. YOUR FUTURE.



# Quality of Life *Personal* Priorities



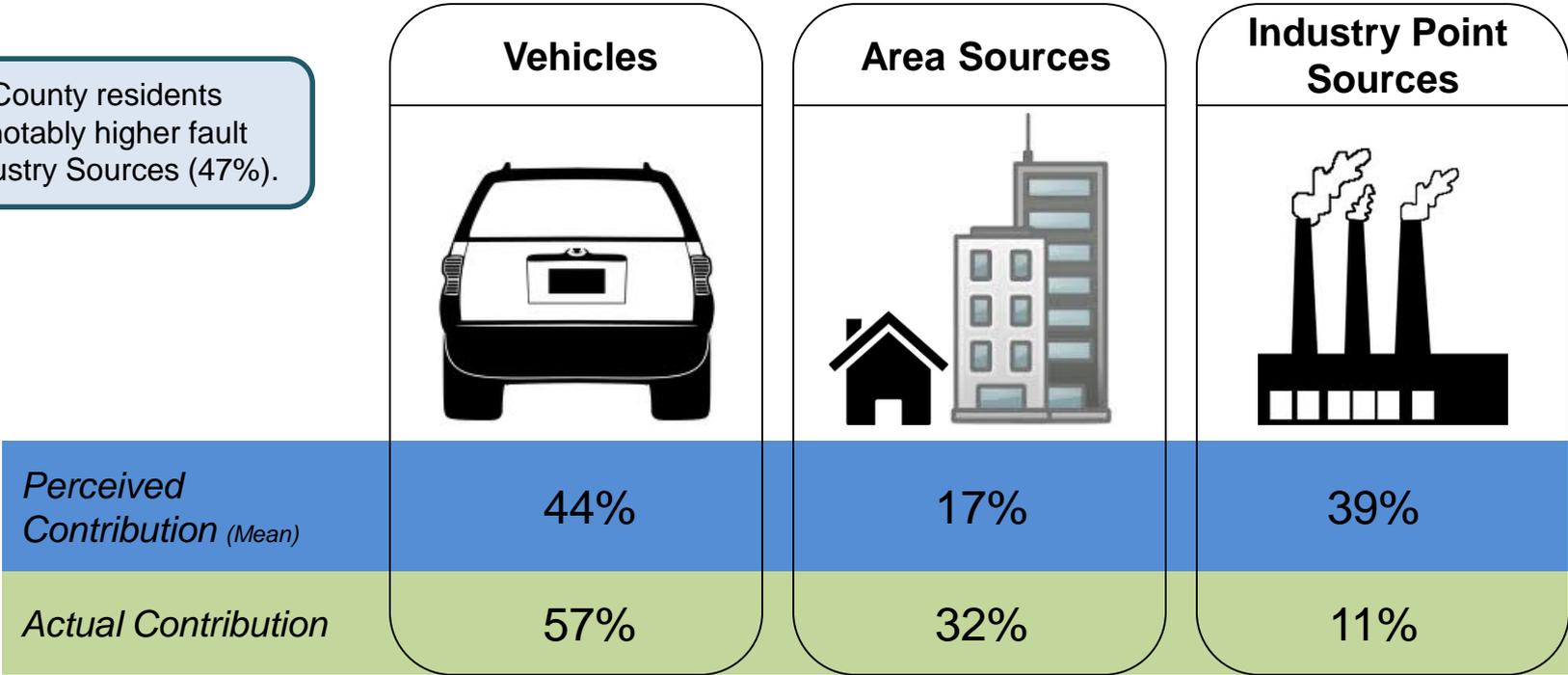
BASE: ALL QUALIFIED RESPONDENTS (N=1000)

Q400. The people of Utah have mentioned many factors – both positive and negative – that contribute to or detract from their quality of life. Thinking about the quality of life in Utah, please identify which one of the following factors has the most significant impact on the overall quality of life for you personally. Take your time and be sure to select the one (positive or negative) that has the most significant impact on you personally.



While residents correctly perceive vehicles as the largest contributor to air pollution, area sources tend to be underestimated and industry sources are overestimated.

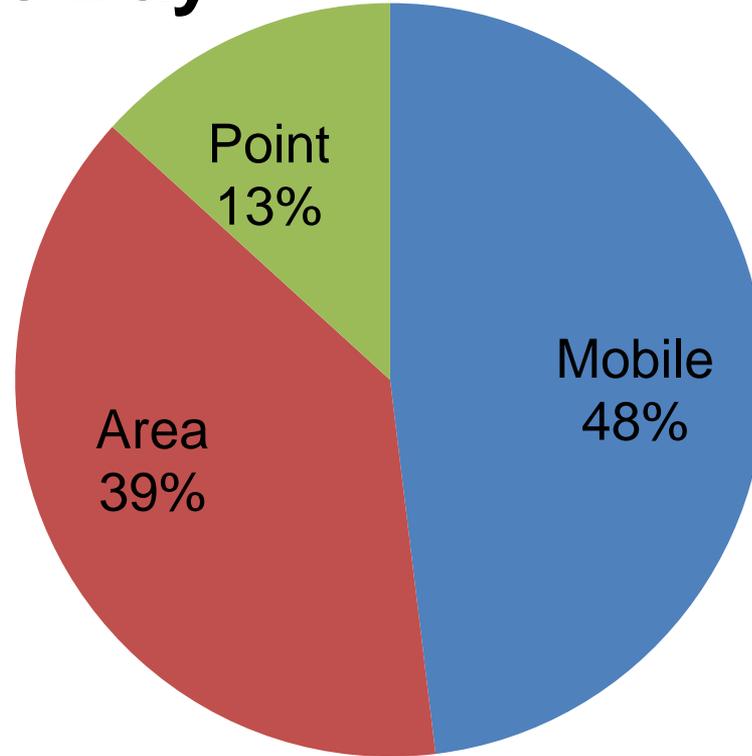
Davis County residents place notably higher fault on Industry Sources (47%).





# Recommendations

# 2014 Winter Average Day 4-County Wasatch Front



# Projections

	2010 Estimates	2050 Projection
Buildings	746,609	1,532,371
Vehicle Miles Traveled	48,265,335	88,849,249

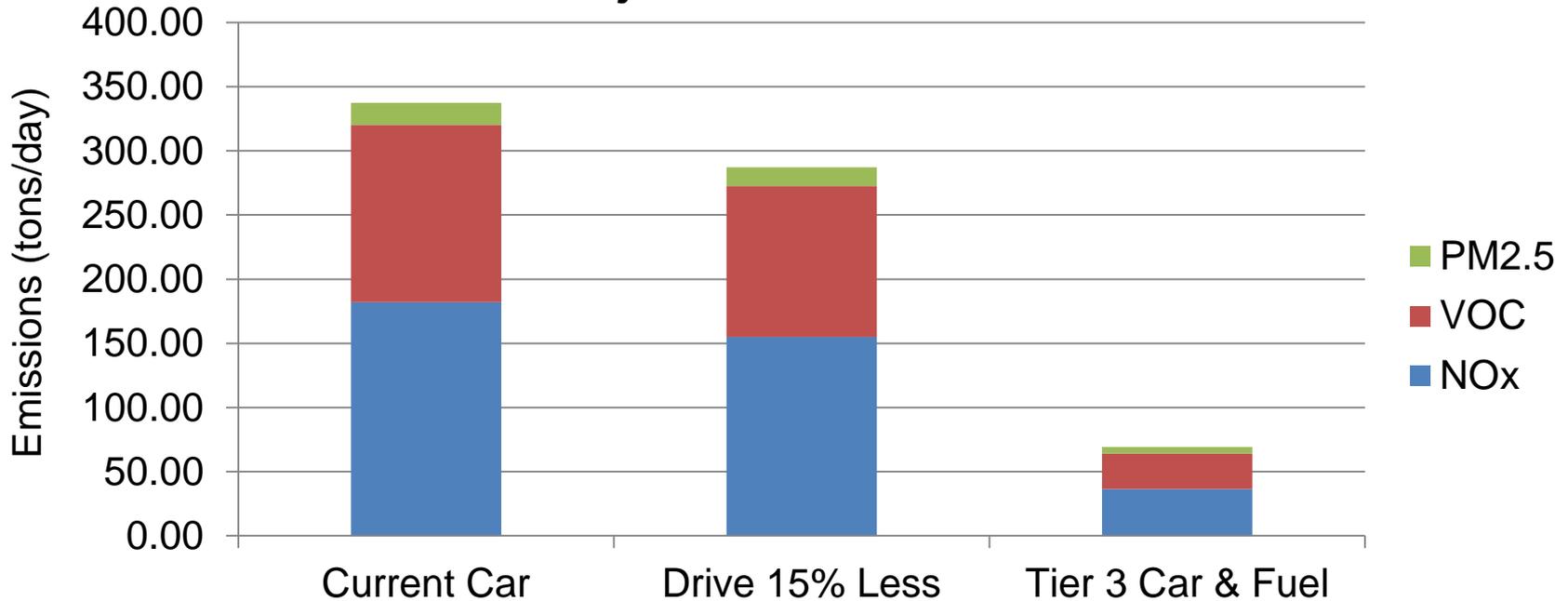
# Mobile Source Recommendations

- Use low-sulfur (tier 3) fuels in our automobiles
- Get Tier 3 cars to Utah as quickly as possible
- Reduce driving by promoting public transit and active transportation



# Effect of Cleaner Cars

## Projected 2050 Emissions

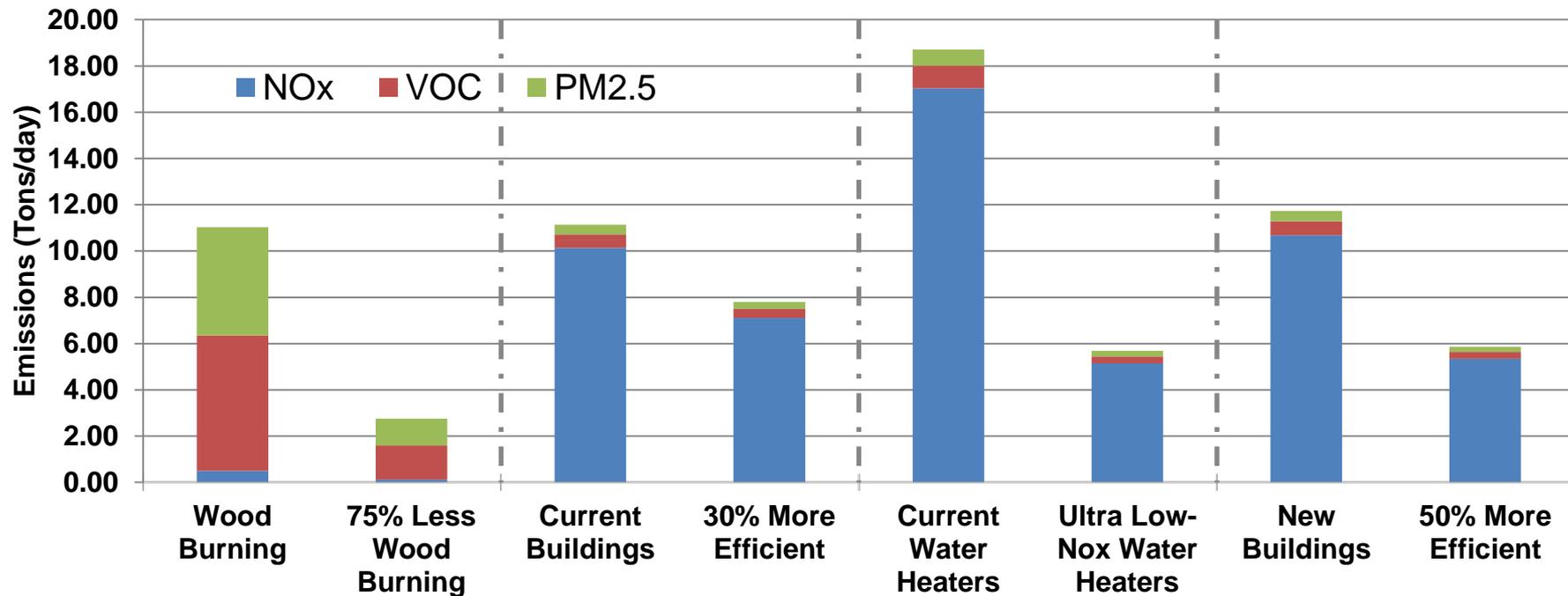


# Area Source Recommendations

- Eliminate residential wood burning during inversion periods
- Replace current water heaters with Ultra-low NOx models
- Improve energy efficiency of existing and new buildings

# Building Efficiency

- Allow Residential PACE programs
- Include a HERS rating on MLS listings
- Adopt the 2015 International Energy Conservation Code



- Total projected building emissions for 2050 are approximately 50 tons/day.
- With all above changes, total building emissions would be cut in half.

# Other Recommendations

- Uintah Basin – Continue current efforts to reduce emissions from the oil & gas operations within the Uintah Basin.
- Allow the Air Quality Board and Division of Air Quality to adopt rules that are more stringent (different) than federal regulations
- Continue to give the Division of Air Quality sufficient budget to achieve its mission.