



Working Together for Clean Air: Utah State Government Air Quality Achievements

Preliminary
Annual Report &
Summary of Best Practices
to Improve Air Quality

Coordinator of
Resource Stewardship

July 1, 2017 - May 31, 2018



Purpose

Sharing Best Practices

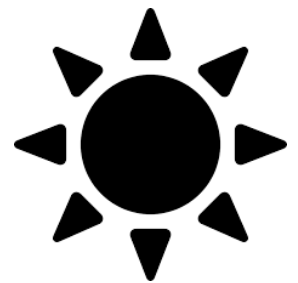
- Title 63A, Chapter 1, Section 116
- Create a sharing platform for State agencies and non-State entities to expand collaborative efforts for air quality projects.
- Promote air quality education and support the efforts of improving Utah's Air Quality within State government.



Actions Against Ozone

31 Days Over Ozone Standard for SL County in 2017

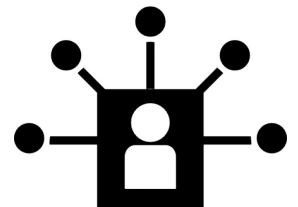
- EPA released their 2015 official listing of ozone non-attainment areas, includes six Utah counties.
- This year 33 State agencies participated in the one-month Clear the Air Challenge
 - Over 4 million miles saved
 - Almost 2.5 million pounds of CO₂ emissions eliminated
 - About 172,000 alternative trips taken
- TravelWise strategies encouraged year-around to help with on-coming summer-time Ozone season.



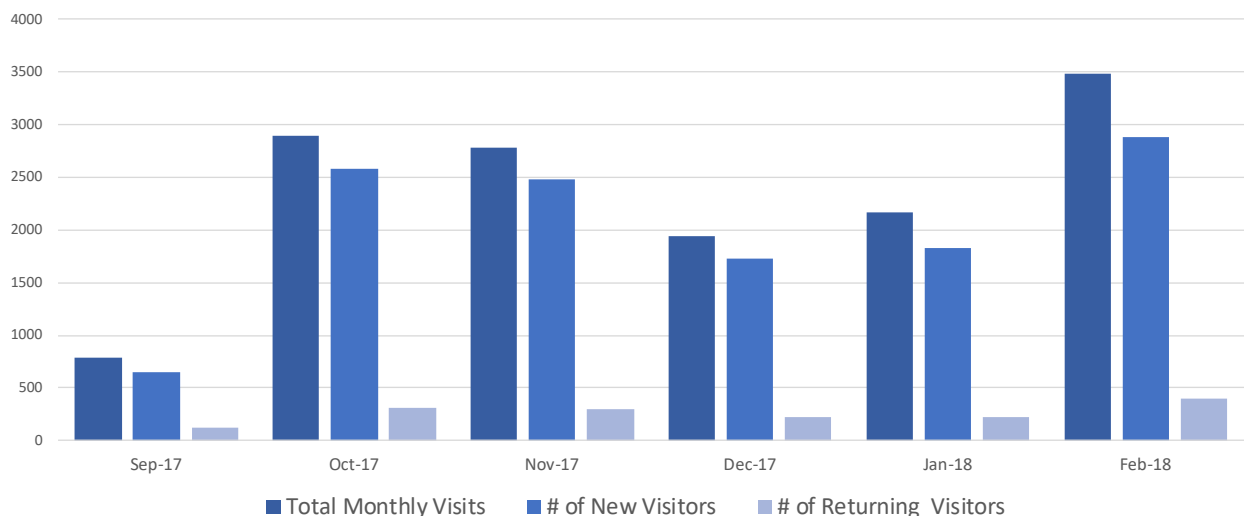
Media Outreach

UDOT "Me Hero's" Campaign

- Three-month media campaign by Utah Department of Transportation (UDOT) designed to increase adoption and awareness of TravelWise actions.
- Social media messages and videos increased user traffic by 2,000% to the TravelWise Trip Tracker. website portal.
- Visitors to the TravelWise website were 89% new during campaign.



TravelWise Tracker, Website, and Social Media Performance



Transportation

Telematics: One Year of Pilot Complete

- One year of Telematics pilot completed to view possible seasonal variations.
- One-quarter of all State Fleet have units installed.
 - In FY18 eight new agencies joined the program.
- Smart technology designed to allow agencies to implement driver parameters that promote increased driver safety and improved fuel efficiency that lead to decreased fuel emissions.
- Continued partnership with Division of Fleet Operations (DFO) on SUCCESS+ Improvement Project:
 - Implementing Idle-free Education Strategies
 - Support Governor Herbert's Idle Reduction Executive Order
 - Optimize Telematics program across State Agencies to increase idle-free adoption strategies.



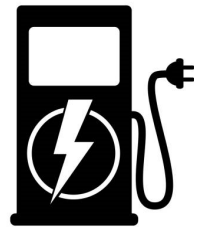
Tier 3 Vehicles in State Fleet

- New EPA regulations have lowered sulfur content to a 10 ppm per year annual average basis for gasoline refiners and importers. Tier 3 vehicle technology upgrades were also included in the standard.
- DFO purchased 632 Tier 3 vehicles in FY18
- Tier 3 vehicles in Fleet emit 80% fewer emissions than their Tier 2 counterparts.



EV Infrastructure Expansion

- Electric Vehicle Supply Equipment (EVSE) vendors were placed on State contract.
- Work was made possible by the Division of Purchasing, and the invaluable insight from Salt Lake City, Governor's Office of Energy Development, and Department of Environmental Quality (DEQ).
- Contract streamlined support of Governor's EV Corridor, improved cost efficiency for participants, and provided a more uniform user experience.



Air Quality Strategy

- DFO purchasing strategy of leasing some State vehicles has resulted in more vehicles being replaced by newer models:
 - About 20% increase in vehicle replacement
- Purchased models are more fuel efficient and emit fewer emissions.



E-bike Expansion

- Three State Agencies acquired e-bikes this year:
 - Governor's Office of Economic Development
 - Governor's Office of Energy Development
 - UDOT at Calvin Rampton
- E-bike demonstrations and test drives conducted for four State Agencies.



Public Outreach & Collaboration

Employer-Based Trip Reduction

- Division of Air Quality (DAQ), through discussions with Intermountain Healthcare, created the Employer-Based Trip Reduction (EBTR) webinar program.
- Webinar series aimed at private business but open to public and State agencies.
- Ongoing program, with more than 30 participating organizations so far.
- Goal is to help businesses throughout Utah develop their own EBTR plan to reduce emissions and driving miles from work-related activities.



Live Electric II

- EV and E-bike discount program conducted for Rocky Mountain Power customers and State employees.
- Sponsored through UCAIR and made possible through partnerships with:
 - Utah Clean Energy
 - Rocky Mountain Power WestSmart Initiative
 - Governor's Office of Energy Development
 - Department of Administrative Services - Coordinator of Resource Stewardship



Award Recognition

DFO Receives Governor's Award

- Division of Fleet Operations received the Governor's Award for Excellence in Energy and Environment by decreasing emissions in Fleet vehicles by 15%.



UDOT Named UCAIR's 2018 Community Partner

- Recognition for UDOT's TravelWise program.
- TravelWise aimed at educating Utahns about alternative transportation methods.
- Focus of program is optimized mobility, reduced energy, and improved air quality.

Working Toward Better Air Quality Year-around

Stay up-to-date on the latest State agency air quality projects by following us on Facebook: @UtahResource Steward

Twitter: @UtahSteward

Resource Steward Homepage: <https://das.utah.gov/resource-steward/>

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