

2016 Transportation Technology Deployment Report:

Denver Metro Clean Cities Coalition
Expanded Edition

March 2017

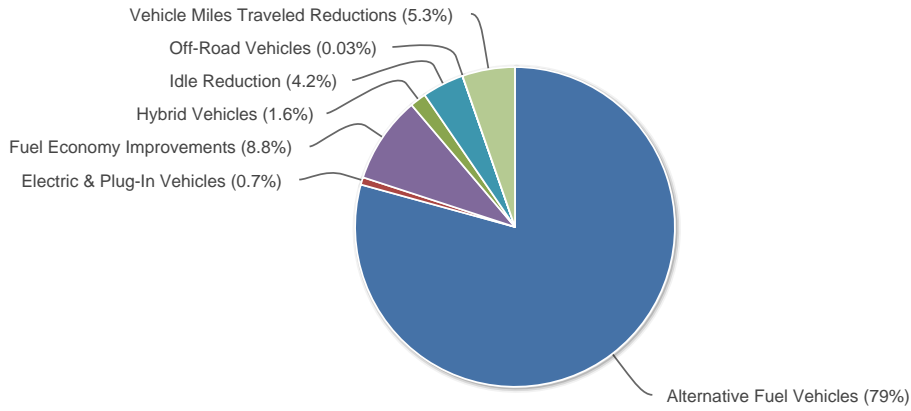
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and new transportation technologies, as they emerge.

Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (NREL). The data characterize membership, funding, projects, and activities of the coalitions. The coordinators also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles and hybrid electric vehicles, idle-reduction initiatives, fuel economy activities, and programs to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into petroleum-use and greenhouse gas reduction impacts for individual coalitions and the program as a whole. This report summarizes those impacts for Denver Metro Clean Cities Coalition.

To view aggregated data for all local coalitions that participate in the Clean Cities program, visit cleancities.energy.gov/accomplishments.

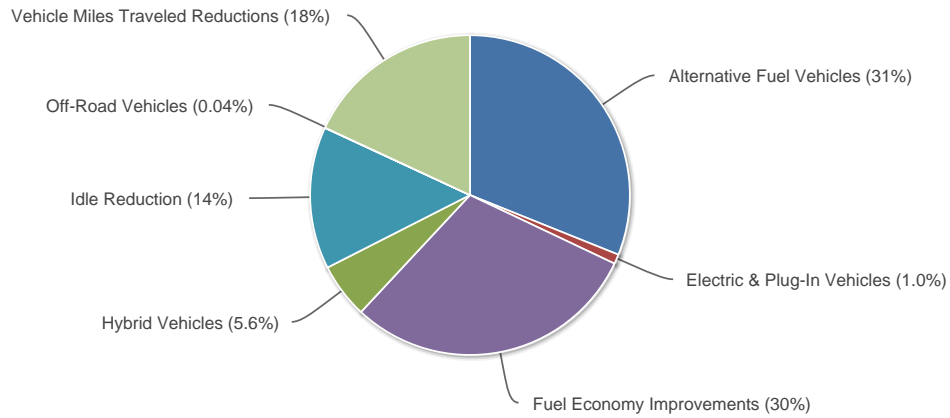
2016 Gallons of Gasoline Equivalent Reduced

9,239,517 gallons

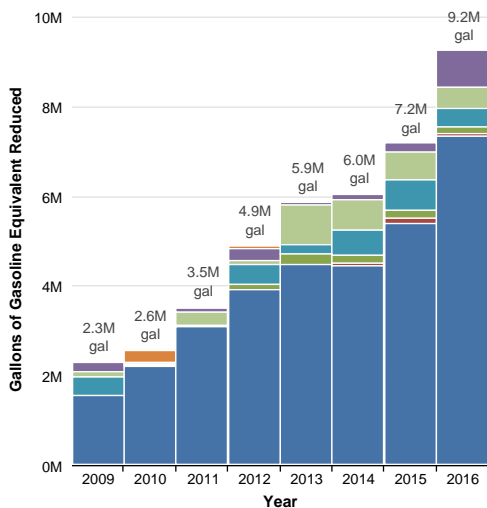


2016 Greenhouse Gas Emissions Reduced

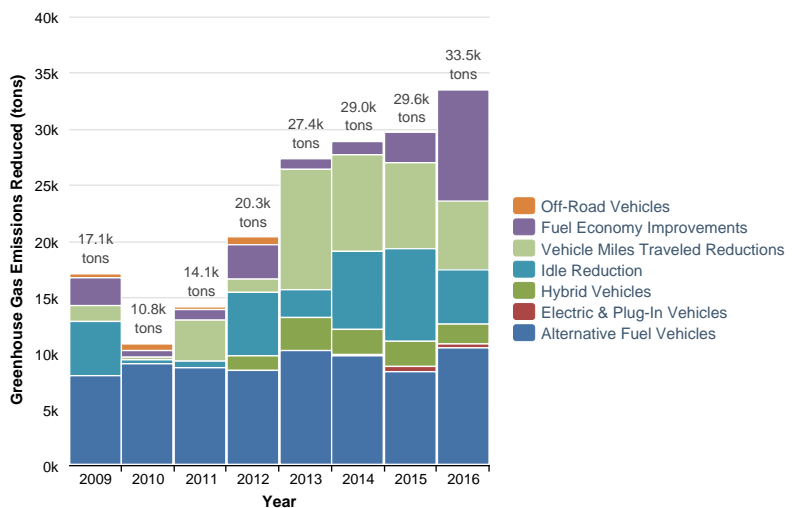
33,497 tons



Historical Gallons of Gasoline Equivalent Reduced

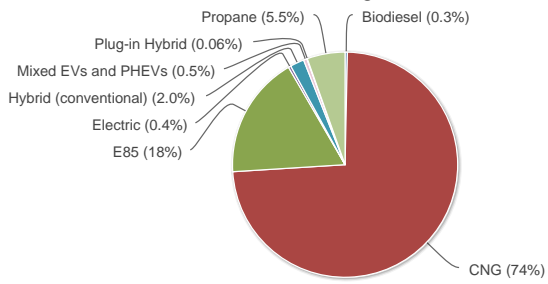


Historical Greenhouse Gas Emissions Reduced



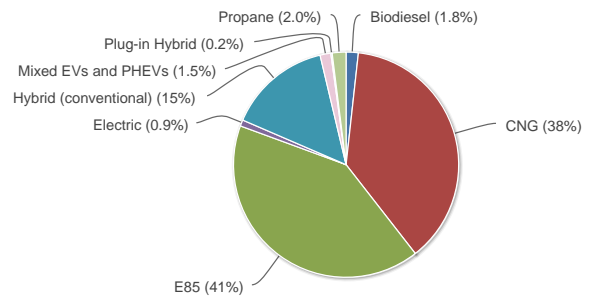
2016 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

7,548,125 gallons



2016 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

12,619 tons



Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. The Clean Cities annual report calculates them using the same assumptions and default values as AFLEET 2016, with some adjustments to fit specific data inputs. They are quantified at vehicle tailpipes, as those are the emissions contributing to the regulated “ambient” air quality of a given city. This means that they omit emissions from sources such as electric power plants, refineries, and biofuel feedstock farms (where emissions are sufficiently removed from populations in order to minimize health effects). When a specific pollutant surpasses a given threshold for a given area, the area is considered to be in “nonattainment” for that pollutant. Nonattainment areas for given pollutants can be viewed at www.epa.gov/green-book. To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at Clean Cities University.

Reductions by Fuel Type*	NOx	VOC	CO	PM10	PM2.5
Biodiesel	0 lb	0 lb	0 lb	0 lb	0 lb
CNG - Compressed Natural Gas	116,653 lb	265 lb	-797,956 lb	0 lb	0 lb
E85 - 85% Ethanol	0 lb	308 lb	0 lb	0 lb	0 lb
Electric (all-electric)	1,928 lb	65 lb	702 lb	12 lb	11 lb
Hybrid (conventional)	429 lb	1,694 lb	1,128 lb	0 lb	0 lb
Mixed EVs and PHEVs	137 lb	247 lb	1,894 lb	4 lb	3 lb
Plug-in Hybrid	67 lb	65 lb	737 lb	2 lb	1 lb
Propane	0 lb	0 lb	0 lb	0 lb	0 lb
VMT Reduction (Gasoline)	3,363 lb	4,845 lb	53,626 lb	891 lb	195 lb
Total:	122,576 lb	7,491 lb	-739,870 lb	908 lb	211 lb

* This table accounts for criteria pollutants from alternative fuel vehicle, hybrid vehicle, and VMT reduction projects only. It does not include fuel economy, idle reduction, or off-road projects. Negative values indicate an increase in emissions.

COALITION

Denver Metro Clean Cities Coalition - CO

<http://www.denvercleancities.org>

Designated: 09/13/1993

Boundaries: Counties: Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Eagle, Gilpin, Jefferson, Pitkin, Summit; City of Denver

COORDINATORS

	Address	Telephone	Fax
Janna West-Heiss	5600 Greenwood Plaza Blvd, Ste 100 Greenwood Village, CO 80111		
Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			35 hours
Other staff hours per week on Clean Cities			10 hours
How long have you been the coordinator?			1 years

OPERATING INFORMATION

Host organization Nonprofit - Hosted

Stakeholders

Number of stakeholders	160
Number of private stakeholders	103
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	
The Colorado Energy Office provides additional grant funding through Refuel Colorado for the coalition.	
How would you rate the quality of the data on your survey?	Good
How do you obtain most of your data for the survey?	Coalition records, Paper, e-mail, or spreadsheet questionnaire to stakeholders
Has your coalition registered with www.grants.gov ?	Yes

2016 Outside Funding

Stakeholder dues collected	\$12,942
How much funding is obtained from other sources to cover coalition operating expenses?	\$17,720
Non-DOE or ARRA grant and matching funds spent in 2016	\$17,097
Total non-DOE or ARRA funding in 2016	\$47,759

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Action Gas Inc. / Independent Gas Company	Light-Duty	Propane	9	100% of time	7,236 gal	10.2 tons
<p>Miles traveled per vehicle: 6,030 mi Average vehicle fuel economy: 8 MPGge Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Adams 12 Five Star School District	Heavy-Duty	Propane	26	86,704 gal	59,071 gal	23.2 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Agfinity Inc.	Heavy-Duty	Propane	128	196,350 gal	107,019 gal	42.0 tons
<p>Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No</p>						
Alpine Waste and Recycling	Heavy-Duty	CNG	45	100% of time	550,889 gal	463.8 tons
<p>Miles traveled per vehicle: 27,660 mi Average vehicle fuel economy: 3 MPGde Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>Alpine Waste and Recycling reported 1,244,700 miles per vehicle per year. Number entered in "Miles traveled per vehicle per year" is 1,244,700 miles/45 vehicles.</i></p>						
ALT Fuels Colorado Grant	Heavy-Duty	CNG	48	100% of time	55,967 gal	47.1 tons
<p>Miles traveled per vehicle: 6,112 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This data was collected by our partner organization Regional Air Quality Council who administers CMAQ funding for alternative fuel vehicles through the ALT Fuels Colorado program.</i></p>						
ALT Fuels Colorado Grant	Heavy-Duty	Propane	17	100% of time	13,368 gal	5.2 tons
<p>Miles traveled per vehicle: 4,122 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>This data was collected by our partner organization Regional Air Quality Council who administers CMAQ funding for alternative fuel vehicles through the ALT Fuels Colorado program.</i></p>						
AmeriGas Propane	Light-Duty	Propane	25	20,360 gal	15,413 gal	21.8 tons
<p>Market: Commuters Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p> <p><i>FINAL - Cut the vehicles and gallons and subtracted Amerigas fleet's GGEs</i></p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
AmeriGas Propane	Light-Duty	Propane	1	100% of time	2,308 gal	3.3 tons
Miles traveled per vehicle: 30,000 mi Average vehicle fuel economy: 13 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
Boulder County	Heavy-Duty	Biodiesel (20%)	152	72,628 gal	15,484 gal	135.6 tons
Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL- Cut gallons and vehicles						
Boulder County	Light-Duty	Propane	4	832 gal	630 gal	0.9 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL- Cut vehicles and gallons						
Boulder Valley School District	Heavy-Duty	Propane	9	5,484 gal	3,736 gal	1.5 tons
Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Brighton School District	Heavy-Duty	Propane	25	71,323 gal	38,874 gal	15.2 tons
Market: Commuters Vehicle type: Bus: School Percentage from coalition: 80% National Clean Fleets Partnership: No						
Canopy Airport Parking	Heavy-Duty	Biodiesel (20%)	10	50% of time	6,538 gal	57.3 tons
Miles traveled per vehicle: 65,000 mi Average vehicle fuel economy: 11 MPG Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Final						
Canopy Airport Parking	Heavy-Duty	CNG	1	100% of time	6,639 gal	5.6 tons
Miles traveled per vehicle: 60,000 mi Average vehicle fuel economy: 10 MPGde Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
CH2M Hill Engineers	Light-Duty	E85	6	3,490 gal	1,614 gal	6.3 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
CH2M Hill Engineers	Light-Duty	E85	12	7,724 gal	3,572 gal	13.9 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	E85 (blender pump)	58	876 gal	506 gal	2.0 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	E85 (blender pump)	52	4,887 gal	2,825 gal	11.0 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Arvada	Light-Duty	E85	11	344 gal	199 gal	0.8 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Aurora	Light-Duty	CNG	8	2,449 GGE	2,327 gal	3.0 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Aurora	Heavy-Duty	CNG	1	100% of time	395 gal	0.3 tons
Miles traveled per vehicle: 2,500 mi Average vehicle fuel economy: 7 MPGde Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No <i>In-city driving only</i>						
City of Boulder	Heavy-Duty	Biodiesel (15%)	2	250 gal	40 gal	0.4 tons
Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL- Cut vehicles and gallons</i>						
City of Boulder	Heavy-Duty	Biodiesel (15%)	24	4,000 gal	640 gal	5.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL- Cut vehicles and gallons</i>						
City of Boulder	Light-Duty	Biodiesel (15%)	35	5,750 gal	1,103 gal	10.1 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Boulder	Light-Duty	E85	15	3,250 gal	1,879 gal	7.3 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL- Cut vehicles and gallons</i>						
City of Boulder	Light-Duty	E85	95	21,250 gal	12,283 gal	47.9 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL- Cut vehicles and gallons</i>						
City of Boulder	Light-Duty	E85	1	250 gal	145 gal	0.6 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL- Cut vehicles and gallons</i>						
City of Brighton	Light-Duty	E85	164	12,730 gal	7,358 gal	28.7 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Brighton	Light-Duty	E85	63	16,462 gal	9,515 gal	37.1 tons
Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Denver	Heavy-Duty	CNG	43	242,041 GGE	217,837 gal	183.4 tons
Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Denver	Light-Duty	E85	72	9,096 gal	5,257 gal	20.5 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Light-Duty	CNG	6	10,256 GGE	9,743 gal	12.6 tons
Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Light-Duty	E85	24	25,744 gal	14,880 gal	58.0 tons
Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Light-Duty	E85	42	18,965 gal	10,962 gal	42.8 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colorado Corn	Light-Duty	E85	1	500 gal	289 gal	1.1 tons
Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Colorado Corn	Light-Duty	E85	2	1,394 gal	806 gal	3.1 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colorado State Fleet	Heavy-Duty	Propane	5	2,500 gal	1,277 gal	0.5 tons
Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Light-Duty	CNG	159	40% of time	33,859 gal	43.9 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 17 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Light-Duty	E85	875	13,923 gal	6,036 gal	23.5 tons
Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No FINAL						
Colorado State Fleet	Light-Duty	E85 (blender pump)	1,000	1,962,400 gal	850,700 gal	3,318.6 tons
Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
Colorado State Fleet	Light-Duty	Propane	5	100% of time	2,406 gal	3.4 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 19 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No FINAL (Already cut number of vehicles in half)						
Denver International Airport	Heavy-Duty	CNG	8	3,623 GGE	3,261 gal	2.7 tons
Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No "These Heavy Duty Vehicles are trucks/vans"						
Denver International Airport	Heavy-Duty	CNG	57	870,467 GGE	783,420 gal	659.6 tons
Market: Airport Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Denver International Airport	Heavy-Duty	CNG	12	5,434 GGE	4,891 gal	4.1 tons
Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Denver International Airport	Light-Duty	CNG	107	48,458 GGE	46,035 gal	59.6 tons
Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Denver International Airport	Light-Duty	CNG	3	1,359 GGE	1,291 gal	1.7 tons
Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
<i>For lines 6-10, this is a percentage of the overall, as I had the aggregate consumption but not broken down per "class"</i>						
Encana	Light-Duty	CNG	200	192,120 GGE	54,754 gal	70.9 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 30% National Clean Fleets Partnership: No						
Foothills Parks and Recreation	Light-Duty	E85	10	0 gal	0 gal	0.0 tons
Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No <i>E85 Not available in our district</i>						
GSA, Fleet Management Division	Light-Duty	CNG	3	100% of time	1,343 gal	1.7 tons
Miles traveled per vehicle: 11,712 mi Average vehicle fuel economy: 17 MPGge Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No <i>FINAL</i>						
GSA, Fleet Management Division	Light-Duty	E85	1,569	177,675 gal	66,752 gal	260.4 tons
Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 65% National Clean Fleets Partnership: No <i>FINAL</i>						
Kum & Go	Light-Duty	E85	1,340	661,838 gal	306,034 gal	1,193.8 tons
Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No <i>FINAL</i>						
Noble Energy, Inc.	Light-Duty	CNG	91	400 GGE	380 gal	0.5 tons
Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
NREL	Light-Duty	E85	33	100% of time	10,147 gal	39.6 tons
Miles traveled per vehicle: 6,490 mi Average vehicle fuel economy: 13 MPG Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Republic Services Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 80% National Clean Fleets Partnership: No FINAL	Heavy-Duty	CNG	85	820,507 GGE	590,765 gal	497.4 tons
Roaring Fork Transportation Authority Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	16	143,957 GGE	129,561 gal	109.1 tons
Roaring Fork Transportation Authority Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL - gallons and vehicles cut in half	Light-Duty	E85	28	32,501 gal	18,786 gal	73.3 tons
Schwan's - Medium-duty Propane Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	Propane	16	65,104 gal	44,356 gal	17.4 tons
SuperShuttle Market: Taxis Vehicle type: Pickup/SUV/Van Percentage from coalition: 15% National Clean Fleets Partnership: No final	Light-Duty	Propane	60	272,830 gal	30,980 gal	43.8 tons
The Gas Connection Inc. Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 80% National Clean Fleets Partnership: No FINAL	Light-Duty	CNG	6	4,202 GGE	3,194 gal	4.1 tons
UPS - Heavy-duty CNG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: Yes This includes class 4-6 package delivery trucks and class 7-8 tractors	Heavy-Duty	CNG	329	2,014,082 GGE	1,812,674 gal	1,526.3 tons
UPS - Heavy-duty Propane Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	Propane	22	81,787 gal	55,721 gal	21.8 tons
US Gain Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	200	289,449 GGE	260,504 gal	219.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
VIA Market: Corporate Fleet Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	1	604 GGE	544 gal	0.5 tons
VIA Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	9	7,581 GGE	7,202 gal	9.3 tons
Ward Energy Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No	Heavy-Duty	CNG	100	34,135 GGE	24,577 gal	20.7 tons
Waste Management - Heavy-duty CNG Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: Yes	Heavy-Duty	CNG	100	880,376 GGE	792,339 gal	667.1 tons
Western Disposal Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	14	114,559 GGE	103,103 gal	86.8 tons
Western Disposal Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No	Light-Duty	CNG	3	11,455 GGE	10,882 gal	14.1 tons
WW Transport Market: Corporate Fleet Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No	Heavy-Duty	CNG	8	57,527 GGE	51,774 gal	43.6 tons
Yellow Cab Market: Taxis Vehicle type: Car Percentage from coalition: 15% National Clean Fleets Partnership: No	Light-Duty	Propane	150	247,293 gal	28,080 gal	39.7 tons
Total:			7,861		7,324,972 gal	10,408 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Aspen Miles traveled per vehicle per year: 10,614 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	4	1,838 gal	9.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Aspen Average vehicle fuel economy: 35 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	33	5,249 gal	64.7 tons
Boulder County Average vehicle fuel economy: 46 MPG Miles traveled per vehicle per year: 7,530 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>Final - vehicles cut in half</i>	Light-Duty	HEV	31	5,064 gal	62.4 tons
Boulder County Average vehicle fuel economy: 60 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	PHEV	1	292 gal	1.5 tons
Boulder Valley School District Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 4,500 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 80% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	1	180 gal	0.9 tons
Boulder Valley School District Average vehicle fuel economy: 148 MPG Miles traveled per vehicle per year: 6,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 80% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	PHEV	1	173 gal	0.9 tons
Brighton Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 11,244 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	3	1,197 gal	14.7 tons
Canopy Airport Parking Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,000 mi Market: Utility Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 80% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	1	36 gal	0.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Charge Ahead Colorado Grant	Light-Duty	EV-PHEV	100	37,355 gal	194.2 tons
<p>Electricity used: 261,587 kWh Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p> <p><i>This data was collected by our partner organization Regional Air Quality Council who administers CMAQ funding for charging stations and electric vehicles through the Charge Ahead Colorado program.</i></p>					
City of Arvada	Light-Duty	HEV	12	1,832 gal	22.6 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 6,071 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p> <p><i>Did not report average gasoline fuel economy. The "30 mpg" is a placeholder.</i></p>					
City of Arvada	Light-Duty	HEV	2	53 gal	0.6 tons
<p>Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 2,693 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p> <p><i>Did not report average gasoline fuel economy. The "30 mpg" is a placeholder.</i></p>					
City of Aurora	Light-Duty	PHEV	17	1,750 gal	9.1 tons
<p>Average vehicle fuel economy: 96 MPG Miles traveled per vehicle per year: 3,291 mi Market: Government - State Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: Yes</p>					
City of Boulder	Light-Duty	Electric	3	107 gal	0.6 tons
<p>Electricity used: 750 kWh Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p>					
City of Boulder	Light-Duty	HEV	13	3,592 gal	44.2 tons
<p>Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 12,138 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p>					
City of Boulder	Light-Duty	HEV	11	2,538 gal	31.3 tons
<p>Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No</p>					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Denver Average vehicle fuel economy: 33 MPG Miles traveled per vehicle per year: 6,040 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	207	16,473 gal	202.9 tons
City of Englewood Average vehicle fuel economy: 26 MPG Miles traveled per vehicle per year: 11,712 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	2	469 gal	5.8 tons
Colorado State Fleet Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 12,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	2	769 gal	4.0 tons
Colorado State Fleet Average vehicle fuel economy: 29 MPG Miles traveled per vehicle per year: 12,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	326	32,191 gal	396.5 tons
Colorado State Fleet Average vehicle fuel economy: 68 MPG Miles traveled per vehicle per year: 12,000 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>FINAL (Already cut # of vehicles in half)</i>	Light-Duty	PHEV	6	1,655 gal	8.6 tons
Denver International Airport Average vehicle fuel economy: 31 MPG Miles traveled per vehicle per year: 7,470 mi Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	33	7,455 gal	91.8 tons
Foothills Parks and Recreation Electricity used: 5,520 kWh Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>2 Zamboni Ice Resurfacers</i>	Heavy-Duty	PHEV	2	469 gal	1.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
GSA, Fleet Management Division Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 5,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>FINAL</i>	Light-Duty	Electric	2	278 gal	1.4 tons
GSA, Fleet Management Division Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 6,874 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>FINAL</i>	Light-Duty	HEV	186	14,724 gal	181.4 tons
GSA, Fleet Management Division Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 5,625 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>FINAL</i>	Light-Duty	PHEV	4	332 gal	1.7 tons
NREL Average vehicle fuel economy: 30 MPG Miles traveled per vehicle per year: 6,490 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	1	63 gal	0.8 tons
Roaring Fork Transportation Authority Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 27,206 mi Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Heavy-Duty	Electric	7	23,805 gal	95.3 tons
RTD Average vehicle fuel economy: 3 MPG Miles traveled per vehicle per year: 34,053 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Heavy-Duty	HEV	36	18,709 gal	230.5 tons
RTD Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 34,053 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Heavy-Duty	HEV	9	2,753 gal	33.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Town of Superior	Light-Duty	Electric	1	103 gal	0.5 tons
Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 12,000 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: No					
Town of Superior	Light-Duty	HEV	1	52 gal	0.6 tons
Average vehicle fuel economy: 40 MPG Miles traveled per vehicle per year: 14,000 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: No					
Veolia	Light-Duty	HEV	27	39,013 gal	480.5 tons
Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 50,358 mi Market: Taxis Vehicle type: Car Percentage from coalition: 80% National Clean Fleets Partnership: No Workplace Charging Challenge: No					
VIA	Light-Duty	HEV	5	205 gal	2.5 tons
Average vehicle fuel economy: 37 MPG Miles traveled per vehicle per year: 12,400 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>Averages from the AFLEET tool were used for VMT/year and AVG fuel economy</i>					
Total:			1,090	220,770 gal	2,198 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Boulder County	Construction equipment	Alternative fuel or vehicles	Propane	4	487 gal	0.2 tons
Fuel used: 715 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Boulder County	Forklifts	Alternative fuel or vehicles	Propane	3	273 gal	0.1 tons
Fuel used: 400 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Aspen	Construction equipment	Idle reduction	Diesel	15	1 gal	0.0 tons
Fuel reduced: 1 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Boulder	Other	Alternative fuel or vehicles	Biodiesel (15%)	21	560 gal	4.9 tons
Fuel used: 3,500 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of Boulder	Forklifts	Alternative fuel or vehicles	Propane	2	100 gal	0.0 tons
Fuel used: 147 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Englewood	Landscaping and lawn equipment	Alternative fuel or vehicles	Biodiesel (5%)	17	122 gal	1.1 tons
Fuel used: 2,282 gal Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
City of Englewood	Other	Alternative fuel or vehicles	Biodiesel (5%)	13	71 gal	0.6 tons
Fuel used: 1,336 gal Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
City of Englewood	Street sweeper	Alternative fuel or vehicles	Biodiesel (5%)	2	164 gal	1.4 tons
Fuel used: 3,075 gal Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
City of Englewood	Construction equipment	Alternative fuel or vehicles	Biodiesel (5%)	28	459 gal	4.0 tons
Fuel used: 8,616 gal Percentage from coalition: 100% National Clean Fleets Partnership: No FINAL						
NREL	Forklifts	Alternative fuel or vehicles	Propane	-	147 gal	0.1 tons
Fuel used: 216 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				105	2,384 gal	12 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
City of Brighton	15 MPG	18 MPG	158	6,085 mi	8,546 gal	105.3 tons
Method: Telematics Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 80% National Clean Fleets Partnership: No						
Colorado State Fleet	24 MPG	28 MPG	500	12,000 mi	26,786 gal	329.9 tons
Method: Vehicle - Smaller Vehicle class: Light-Duty Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet Method: Driver training Vehicle class: Light-Duty Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No	24 MPG	28 MPG	2,500	12,000 mi	133,929 gal	1,649.7 tons
Colorado State Fleet Method: Driver training Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No	18 MPG	22 MPG	500	12,000 mi	45,455 gal	559.9 tons
Colorado State Fleet Method: Telematics Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No <i>FINAL</i>	20 MPG	28 MPG	2,500	12,000 mi	321,429 gal	3,959.3 tons
Colorado State Fleet Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No	18 MPG	24 MPG	1,000	12,000 mi	125,000 gal	1,539.7 tons
Roaring Fork Transportation Authority Method: Vehicle - Hydraulic hybrid Vehicle class: Heavy-Duty Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No	5 MPG	8 MPG	7	27,000 mi	15,684 gal	194.5 tons
RTD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No <i>FINAL</i>	4 MPG	4 MPG	98	35,000 mi	32,141 gal	398.6 tons
RTD Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No <i>FINAL</i>	5 MPG	5 MPG	113	75,000 mi	18,762 gal	232.7 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
RTD	5 MPG	5 MPG	303	45,000 mi	83,815 gal	1,039.3 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 25% National Clean Fleets Partnership: No FINAL						

Total: 7,679 248,085 mi 811,546 gal 10,009 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Bike to Work Day	Non-motorized locomotion (e.g., bicycles)	Light-Duty	11,454 gal	141.1 tons
Fuel saved: 11,454 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No Gallons saved based on 25MPG.				
Boulder County	Carpooling	Light-Duty	8,446 gal	104.0 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 28 MPG Number of vehicles driven less: 50 VMT reduction per vehicle being driven less: 4,730 mi Percentage from coalition: 100% National Clean Fleets Partnership: No Fleet gave us total VMT of 473,000. To get per vehicle we assumed 100 vehicles driving 4,730 miles each. The number of vehicles is then divided by 50% because we split this fleet with Northern Colorado Clean Cities.				
City of Boulder	Non-motorized locomotion (e.g., bicycles)	Light-Duty	170 gal	2.1 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 11 VMT reduction per vehicle being driven less: 700 mi Percentage from coalition: 50% National Clean Fleets Partnership: No				
Colorado State Fleet	Car sharing (e.g., Zipcar)	Light-Duty	22,727 gal	279.9 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 22 MPG Number of vehicles driven less: 1,000 VMT reduction per vehicle being driven less: 1,000 mi Percentage from coalition: 50% National Clean Fleets Partnership: No				
Colorado State Fleet	Non-motorized locomotion (e.g., bicycles)	Light-Duty	44,444 gal	547.5 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 27 MPG Number of vehicles driven less: 600 VMT reduction per vehicle being driven less: 4,000 mi Percentage from coalition: 50% National Clean Fleets Partnership: No				
Colorado State Fleet	Mass transit	Light-Duty	22,727 gal	279.9 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 22 MPG Number of vehicles driven less: 1,000 VMT reduction per vehicle being driven less: 1,000 mi Percentage from coalition: 50% National Clean Fleets Partnership: No				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Colorado State Fleet	Telecommute	Light-Duty	175,000 gal	2,155.6 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 27 MPG Number of vehicles driven less: 2,100 VMT reduction per vehicle being driven less: 4,500 mi Percentage from coalition: 50% National Clean Fleets Partnership: No				
Colorado State Fleet	Route Optimization	Light-Duty	23,438 gal	288.7 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 16 MPG Number of vehicles driven less: 500 VMT reduction per vehicle being driven less: 1,000 mi Percentage from coalition: 75% National Clean Fleets Partnership: No				
National Renewable Energy Lab	Mass transit	Light-Duty	36,647 gal	451.4 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 169 VMT reduction per vehicle being driven less: 4,879 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Final</i>				
National Renewable Energy Lab	Non-motorized locomotion (e.g., bicycles)	Light-Duty	38,381 gal	472.8 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 177 VMT reduction per vehicle being driven less: 4,879 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Final</i>				
National Renewable Energy Lab	Other	Light-Duty	12,222 gal	150.5 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 297 VMT reduction per vehicle being driven less: 930 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>AWS program</i>				
National Renewable Energy Lab	Telecommute	Light-Duty	55,623 gal	685.1 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 577 VMT reduction per vehicle being driven less: 2,169 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>final</i>				
National Renewable Energy Lab	Carpooling	Light-Duty	11,059 gal	136.2 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 23 MPG Number of vehicles driven less: 51 VMT reduction per vehicle being driven less: 4,879 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>FINAL</i>				

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Roaring Fork Transportation Authority	Mass transit	Light-Duty	28,980 gal	357.0 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 25 MPG Number of vehicles driven less: 126 VMT reduction per vehicle being driven less: 23,000 mi Percentage from coalition: 25% National Clean Fleets Partnership: No <i>FINAL- vehicles cut in half</i>				
Total:			491,319 gal	6,052 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Boulder County	1,010	35 mins/day 270 days/year	1 gal/hr	133,623 gal	1,657.0 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>County wide no idle policy</i>					
City of Boulder	1	55 mins/day 270 days/year	2 gal/hr	495 gal	6.1 tons
Type of project: Auxiliary power unit (APU) Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No					
Colorado Department of Transportation: Idle Reduction Programs	13	30 mins/day 110 days/year	1 gal/hr	715 gal	8.9 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No					
Colorado State Fleet: Energetics Idle Reduction	1,500	40 mins/day 250 days/year	1 gal/hr	93,750 gal	1,162.5 tons
Type of project: Driver training Type of vehicle: Light-Duty Percentage from coalition: 75% National Clean Fleets Partnership: No					
Colorado State Fleet: Energetics Idle Reduction	250	90 mins/day 250 days/year	0 gal/hr	31,641 gal	392.3 tons
Type of project: Automatic engine shutoff Type of vehicle: Light-Duty Percentage from coalition: 75% National Clean Fleets Partnership: No <i>FINAL (Already cut vehicle # in half)</i>					
Colorado State Fleet: Energetics Idle Reduction	250	90 mins/day 250 days/year	2 gal/hr	105,469 gal	1,307.8 tons
Type of project: Auxiliary power unit (APU) Type of vehicle: Heavy-Duty - Other Percentage from coalition: 75% National Clean Fleets Partnership: No					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
Colorado State Fleet: Energetics Idle Reduction <i>Type of project: Direct-fire heater Type of vehicle: Heavy-Duty - Other Percentage from coalition: 75% National Clean Fleets Partnership: No FINAL (Already cut # of cars in half)</i>	275	1 mins/day 200 days/year	1 gal/hr	688 gal	8.5 tons
Colorado State Fleet No Idling Policy <i>Type of project: Policies Type of vehicle: Heavy-Duty - Other Percentage from coalition: 75% National Clean Fleets Partnership: No vehicles cut in half</i>	2,000	1 mins/day 365 days/year	0 gal/hr	4,490 gal	55.7 tons
Foothills Park & Rec - Anti-Idle Policy <i>Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No</i>	57	30 mins/day 270 days/year	1 gal/hr	7,695 gal	95.4 tons
Foothills Park & Rec Anti-Idle Policy <i>Type of project: Policies Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No Busses and Off-Road Equipment</i>	73	30 mins/day 270 days/year	1 gal/hr	9,855 gal	122.2 tons
Foothills Park & Rec Direct-Fire Heater <i>Type of project: Direct-fire heater Type of vehicle: Heavy-Duty - Other Percentage from coalition: 100% National Clean Fleets Partnership: No</i>	6	7 mins/day 305 days/year	1 gal/hr	107 gal	1.3 tons
Total:	5,435			388,526 gal	4,818 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	6	-
E85 - 85% Ethanol	-	-
Electric Charging Outlets	117	11
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	22	6
Total:	145	17

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Xcel Partners in Energy Workshop	01/07/2016, 02/25/2016, 08/09/2016, 09/28/2016, 11/02/2016	Meeting - Other	50%	25
Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Utility				
CNG Station Opening	01/15/2016, 09/07/2016	Media Event	25%	40
Technology: Natural gas vehicles Audience: General Public, Private Fleets, Waste				
Northern & Southern Colorado Clean Cities Stakeholder Meetings	01/26/2016, 02/10/2016	Meeting - Stakeholder	10%	75
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste				
Denver Metro Clean Cities Stakeholder Meetings	02/03/2016, 06/15/2016, 11/15/2016	Meeting - Stakeholder	100%	150
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste, Other				
Mobility, FUEls, and Funding Workshop	02/05/2016	Conference participation	50%	150
Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets, Transit				
CNGVC Stakeholder Call	02/09/2016, 04/12/2016, 06/14/2016, 08/09/2016, 10/11/2016, 12/13/2016	Meeting - Stakeholder	100%	100
Technology: Natural gas vehicles Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Colorado Electric Vehicle Coalition Meetings	03/03/2016, 06/23/2016, 08/22/2016, 08/25/2016, 10/27/2016, 12/22/2016	Meeting - Other	50%	35
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets, Transit, Utility				
Mobile Sources/Fuels Subcommittee Meeting	03/07/2016, 10/21/2016	Meeting - Other	10%	35
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit				
Technical Session - Greening your Fleet	03/15/2016	Meeting - Other	25%	50
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles Audience: Waste				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Denver Auto Show EV Booth	03/19/2016	Conference participation	25%	400
Technology: Electric vehicles Audience: General Public				
Spark! at Coors Field: Writing the Recipe for Sustainable Communities	03/22/2016	Conference participation	25%	200
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit, Utility				
Green Transportation Summit & Expo	04/05/2016, 04/06/2016, 04/07/2016	Conference participation	50%	210
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Transit				
Driving Change Lunch and Learn	04/10/2016, 05/04/2016, 05/17/2016, 08/08/2016	Workshop held by coalition	100%	110
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government				
Driving Change Ride n' Drive	04/21/2016, 05/05/2016, 05/20/2016, 06/17/2016, 08/26/2016	Workshop held by coalition	100%	350
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government				
Denver Earth Day	04/22/2016	Conference participation	25%	800
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public				
Federal Facilities Workgroup Site Visit	04/26/2016	Meeting - Other	25%	15
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government				
EV Team Meeting	04/29/2016	Meeting - Stakeholder	50%	25
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government, Private Fleets, Transit, Utility				
Smart Cities Stakeholder Meeting w/Vulcan	04/29/2016	Meeting - Stakeholder	25%	75
Technology: Electric vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Airport, Government, Private Fleets, Transit, Utility				
Retail Hydrogen Fueling Stakeholder Meeting	05/09/2016	Meeting - Stakeholder	50%	20
Technology: Hydrogen Audience: Government, Private Fleets, Other				
RMFMA Colorado Meeting & Expo	05/11/2016	Conference participation	50%	150
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Waste				
RNG Workshop	05/19/2016	Workshop held by coalition	100%	70
Technology: Natural gas vehicles Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
The Future of Mobility	06/09/2016	Conference participation	25%	150
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Vehicle miles traveled reduction Audience: Airport, Government, Private Fleets, Transit, Utility				
Infrastructure Committee Meeting	06/24/2016, 07/29/2016, 09/16/2016, 10/21/2016, 11/10/2016	Meeting - Other	25%	120
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste				
RTD B Line grand opening	07/25/2016	Media Event	25%	100
Technology: Vehicle miles traveled reduction Audience: Government, Transit				
Colorado State Pollution Prevention Advisory Board Meetings	07/26/2016, 10/25/2016, 12/06/2016	Meeting - Other	75%	15
Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit, Utility				
EV Workshop	08/16/2016	Conference participation	25%	35
Technology: Electric vehicles, Hybrid electric vehicles Audience: Government, Private Fleets, Transit, Utility, Other				
Colorado Energy Coalition Meeting	08/17/2016, 10/19/2016, 12/07/2016	Meeting - Other	25%	60
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Government, Private Fleets, Transit, Utility				
National Drive Electric Week Ride n' Drive Events	09/10/2016, 09/13/2016, 09/14/2016, 09/17/2016	Workshop held by coalition	100%	500
Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public				
Regional Clean Energy Innovation Summit	09/19/2016	Conference participation	25%	150
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen Audience: Government, Private Fleets, Transit, Utility				
Colorado Environmental Leadership Program Awards Event	10/05/2016	Conference participation	50%	300
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste				
RNG Workshop/Meeting with Untapped Fuel, City of Boulder, and Black Hills Energy	10/07/2016	Meeting - Other	75%	10
Technology: Natural gas vehicles Audience: Government, Utility				
VW Regional Stakeholder Calls	10/12/2016, 11/04/2016, 12/09/2016, 12/16/2016	Meeting - Stakeholder	100%	20
Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets, Other				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Transportation Environmental Resource Council Meeting Technology: Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit, Utility	10/13/2016	Meeting - Other	10%	35
Green Business Program Award Ceremony Technology: Electric vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: Private Fleets	10/20/2016	Media Event	75%	45
CDOT Transportation Summit Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste, Other	11/01/2016	Conference participation	25%	600
VW & Audi Settlement Stakeholder Meeting Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Waste	11/07/2016	Meeting - Stakeholder	25%	75
Thought Leader Forum Technology: Electric vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets, Utility, Other	11/10/2016	Workshop held by coalition	100%	50
Sustainable Denver Summit Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste	11/14/2016	Conference participation	25%	600
CNG School Bus Event at Douglas County Schools Technology: Natural gas vehicles Audience: Government, Transit	11/16/2016	Media Event	50%	50
Transportation Advisory Committee Meeting Technology: Electric vehicles, Hybrid electric vehicles Audience: Government	12/19/2016	Workshop held by coalition	100%	30
CSU Powerhouse Meeting Technology: Electric vehicles, Hybrid electric vehicles Audience: Other	12/21/2016	Meeting - Other	75%	15
Total:				6,045

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2016	Matching Funds Spent in 2016	Total Project Funding Spent in 2016
CALSTART	\$20,000	-	\$20,000	\$10,000	\$0	\$10,000
Length of grant: 2 Year grant began: 2016 Sources of the grant: Department of Energy Partners: Atlas Public Policy, CALSTART, Columbia-Willamette Clean Cities Coalition, DGS General Services, Georgetown Climate Center, Granite State Clean Cities Coalition, Greater New Haven, Long Beach Clean Cities Coalition, Nescaum, New Jersey Clean Cities Coalition, Ocean State Clean Cities Coalition, Ross Strategic, Sacramento Clean Cities Coalition, Western Washington Clean Cities Coalition Technologies: Electricity Purpose: EV Smart Fleets Project <i>DMCCC is tasked with outreach and education to fleets about EV Smart Fleets as well as helping Calstart garner procurement information from fleets to ensure project success.</i>						

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2016	Matching Funds Spent in 2016	Total Project Funding Spent in 2016
Colorado Energy Office	\$40,115	-	\$40,115	\$17,097	\$0	\$17,097
<p>Length of grant: 2 Year grant began: 2016 Sources of the grant: State Government Partners: BCS Inc, Clean Energy Economy (CLEER), Four Core, Northern Colorado Clean Cities, South Central Council of Governments, Southern Colorado Clean Cities Technologies: CNG - Compressed Natural Gas, Electricity, Propane Purpose: Fleet Coaching</p> <p><i>A state funded program to provide consultation to communities and fleets throughout the state interested in deploying alternative fuel vehicles and infrastructure.</i></p>						
Total:	\$60,115	\$0	\$60,115	\$27,097	\$0	\$27,097