

2016 Transportation Technology Deployment Report:

Alamo Area Clean Cities (San Antonio)
Expanded Edition

March 2017

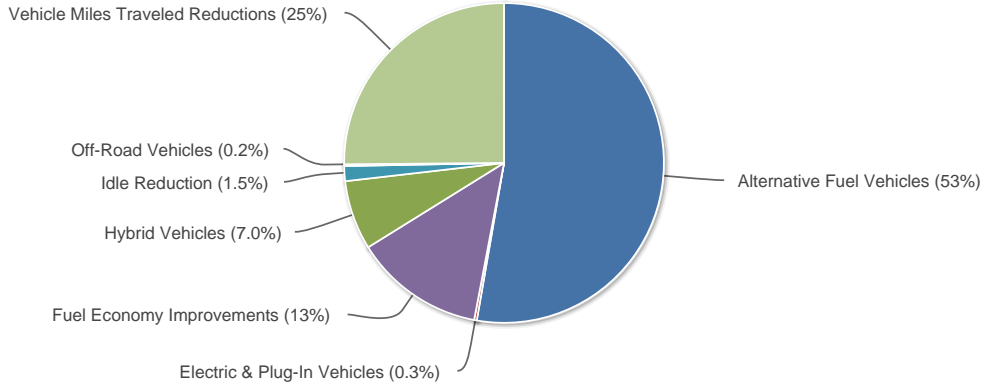
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and 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 Alamo Area Clean Cities (San Antonio).

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

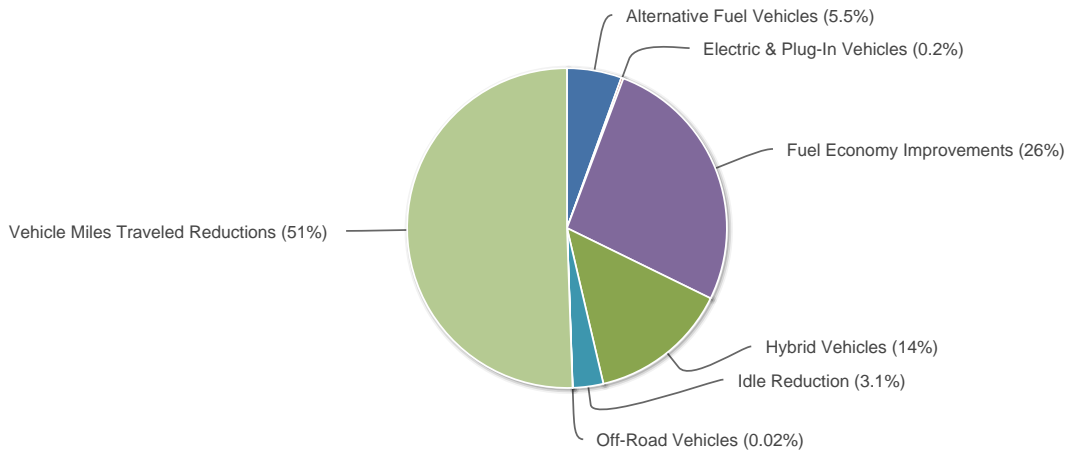
2016 Gallons of Gasoline Equivalent Reduced

3,872,879 gallons

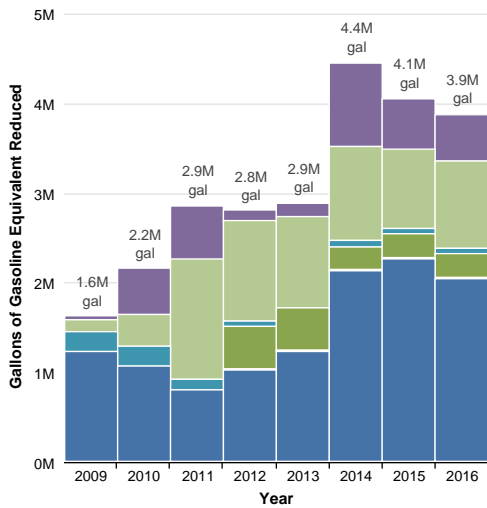


2016 Greenhouse Gas Emissions Reduced

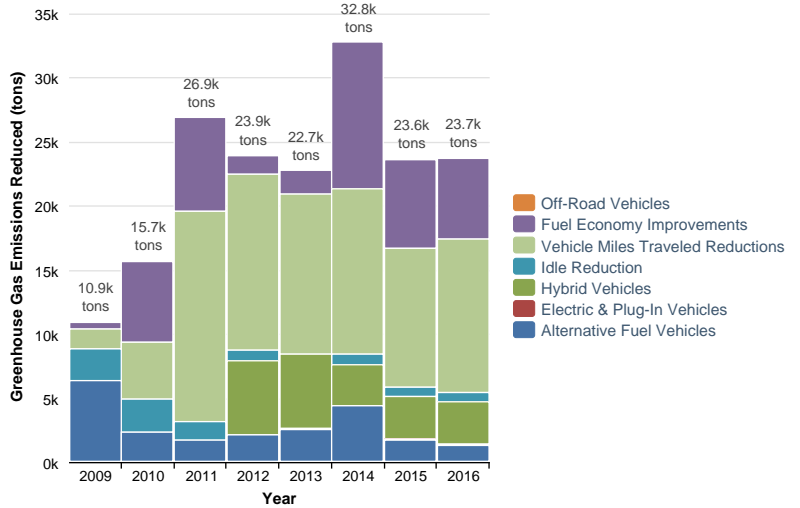
23,728 tons



Historical Gallons of Gasoline Equivalent Reduced

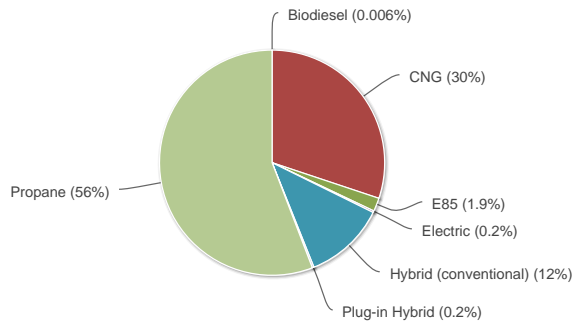


Historical Greenhouse Gas Emissions Reduced



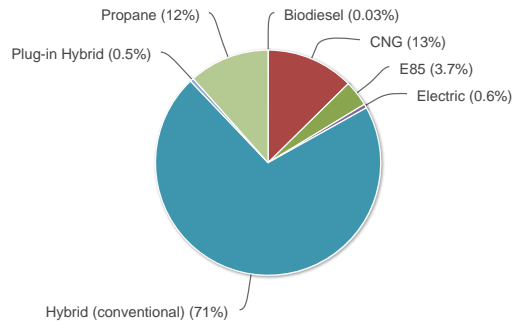
2016 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

2,330,571 gallons



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

4,713 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	12,842 lb	8 lb	-132,250 lb	0 lb	0 lb
E85 - 85% Ethanol	0 lb	116 lb	0 lb	0 lb	0 lb
Electric (all-electric)	32 lb	44 lb	522 lb	1 lb	1 lb
Hybrid (conventional)	256 lb	1,011 lb	1,325 lb	0 lb	0 lb
Plug-in Hybrid	148 lb	29 lb	348 lb	1 lb	1 lb
Propane	2,988 lb	45 lb	441 lb	74 lb	24 lb
VMT Reduction (Gasoline)	6,326 lb	9,115 lb	100,887 lb	1,677 lb	366 lb
Total:	22,593 lb	10,369 lb	-28,726 lb	1,753 lb	392 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

Alamo Area Clean Cities (San Antonio) - TX

<http://www.aacog.com/index.aspx?NID=102>

Designated: 11/10/1999

Boundaries: Counties: Atascosa, Bandera, Bexar, Comal, Frio, Gillespie, Guadalupe, Karnes, Kendall, Kerr, Medina, Wilson; City of San Antonio

COORDINATORS

	Address	Telephone	Fax
Lily Lowder	Alamo Area Council of Governments 8700 Tesoro Dr, Ste 160 San Antonio, TX 78217		
Number of coordinators			1
Coordinator(s) hours per week on Clean Cities			25 hours
Other staff hours per week on Clean Cities			0 hours
How long have you been the coordinator?			2 years

OPERATING INFORMATION

Host organization	Council of Governments (COG), Municipal Planning Organization (MPO), or Regional Planning Commission (RPC)
Stakeholders	
Number of stakeholders	75
Number of private stakeholders	12
Does the State Energy Office provide any financial support to the coalition or stakeholders?	No
How would you rate the quality of the data on your survey?	Good
How do you obtain most of your data for the survey?	Online questionnaire to stakeholders (SurveyMonkey, Google Forms, etc), Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov?	Yes

2016 Outside Funding

Stakeholder dues collected	\$770
How much funding is obtained from other sources to cover coalition operating expenses?	\$770
Non-DOE or ARRA grant and matching funds spent in 2016	\$0
Total non-DOE or ARRA funding in 2016	\$1,540

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of San Antonio	Heavy-Duty	CNG	18	100% of time	109,786 gal	92.4 tons
Miles traveled per vehicle: 16,537 mi Average vehicle fuel economy: 3 MPGde Market: General/Unknown Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No <i>CNG Waste Trucks</i>						
City of San Antonio	Light-Duty	Propane	77	100% of time	26,497 gal	37.5 tons
Miles traveled per vehicle: 7,878 mi Average vehicle fuel economy: 17 MPGge Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
CPS Energy	Light-Duty	CNG	2	100% of time	375 gal	0.5 tons
Miles traveled per vehicle: 6,500 mi Average vehicle fuel economy: 26 MPGge Market: Utility Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
CPS Energy	Light-Duty	CNG	9	100% of time	5,109 gal	6.6 tons
Miles traveled per vehicle: 12,995 mi Average vehicle fuel economy: 17 MPGge Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
CPS Energy	Light-Duty	E85	17	1,763 gal	764 gal	3.0 tons
Market: Utility Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
CPS Energy	Light-Duty	E85	17	5,620 gal	2,436 gal	9.5 tons
Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
CPS Energy	Light-Duty	E85	149	57,845 gal	25,076 gal	97.8 tons
Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
GSA	Heavy-Duty	E85	28	10% of time	889 gal	2.2 tons
Miles traveled per vehicle: 7,800 mi Average vehicle fuel economy: 11 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
GSA	Light-Duty	E85	682	10% of time	14,798 gal	57.7 tons
Miles traveled per vehicle: 7,754 mi Average vehicle fuel economy: 16 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
GSA	Light-Duty	E85	148	10% of time	1,050 gal	4.1 tons
Miles traveled per vehicle: 7,128 mi Average vehicle fuel economy: 30 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Natwel Supply	Light-Duty	Propane	3	10,590 gal	8,017 gal	11.3 tons
Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
NISD	Heavy-Duty	Propane	430	717,917 gal	317,926 gal	124.6 tons
Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 65% National Clean Fleets Partnership: No Placeholder, Rafael on Spring Break.						
NPS	Heavy-Duty	Propane	5	2,271 gal	1,547 gal	0.6 tons
Market: National Parks Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
NPS	Light-Duty	Propane	1	25 gal	19 gal	0.0 tons
Market: National Parks Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No New E450 for old F150						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	16	66,333 gal	45,193 gal	17.7 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Seaworld	Light-Duty	Propane	1	50% of time	217 gal	0.3 tons
Miles traveled per vehicle: 10,000 mi Average vehicle fuel economy: 23 MPGe Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Seaworld LPG Pickup						
Seguin ISD	Heavy-Duty	Propane	27	118,808 gal	80,944 gal	31.7 tons
Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Southwest Independent School District	Heavy-Duty	Propane	25	104,957 gal	71,507 gal	28.0 tons
Market: General/Unknown Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
UPS - Heavy-duty CNG	Heavy-Duty	CNG	40	244,702 GGE	110,116 gal	92.7 tons
Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: Yes <i>This includes class 4-6 package delivery trucks and class 7-8 tractors</i>						
VIA	Heavy-Duty	CNG	38	529,425 GGE	476,483 gal	401.2 tons
Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
VIA	Heavy-Duty	Propane	14	127,309 gal	86,736 gal	34.0 tons
Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No <i>VIA Historic Streetcars</i>						
VIA	Heavy-Duty	Propane	124	963,374 gal	656,347 gal	257.3 tons
Market: General/Unknown Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			1,871		2,041,830 gal	1,311 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of San Antonio	Light-Duty	HEV	17	4,353 gal	53.6 tons
Average vehicle fuel economy: 28 MPG Miles traveled per vehicle per year: 11,249 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>Sport Utility Compact 4 Passenger</i>					
City of San Antonio	Light-Duty	HEV	9	1,699 gal	20.9 tons
Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 9,691 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>Full Size Sedan</i>					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
City of San Antonio Average vehicle fuel economy: 46 MPG Miles traveled per vehicle per year: 8,333 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i><8500 GVW Compact Sedan</i>	Light-Duty	HEV	320	57,467 gal	707.9 tons
City of San Antonio Average vehicle fuel economy: 34 MPG Miles traveled per vehicle per year: 7,243 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>Intermediate Sedan</i>	Light-Duty	HEV	79	7,613 gal	93.8 tons
CPS Energy Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 898 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	2	31 gal	0.4 tons
CPS Energy Average vehicle fuel economy: 98 MPG Miles traveled per vehicle per year: 4,671 mi Market: Utility Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	PHEV	14	1,623 gal	8.4 tons
CPS Energy Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 2,309 mi Market: Utility Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	PHEV	2	133 gal	0.7 tons
GSA Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 1,200 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	12	615 gal	3.2 tons
GSA Average vehicle fuel economy: 39 MPG Miles traveled per vehicle per year: 9,648 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	190	32,353 gal	398.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
GSA Average vehicle fuel economy: 32 MPG Miles traveled per vehicle per year: 6,636 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	5	903 gal	11.1 tons
GSA Electricity used: 466 kWh Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	PHEV	1	67 gal	0.3 tons
NPS Electricity used: 465 kWh Market: National Parks Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>MiEV</i>	Light-Duty	Electric	1	50 gal	0.3 tons
NPS Average vehicle fuel economy: 29 MPG Miles traveled per vehicle per year: 8,651 mi Market: National Parks Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	3	467 gal	5.8 tons
SAWS Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 500 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	14	409 gal	2.1 tons
SAWS Average vehicle fuel economy: 46 MPG Miles traveled per vehicle per year: 890 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	31	507 gal	6.2 tons
Seaworld Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 8,170 mi Market: Corporate Fleet Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	Electric	11	4,200 gal	21.8 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Seaworld Electricity used: 76 kWh Market: Corporate Fleet Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No <i>3 Seaworld Segways</i>	Light-Duty	Electric	3	12 gal	0.1 tons
USAA Average vehicle fuel economy: 21 MPG Miles traveled per vehicle per year: 10,500 mi Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Light-Duty	HEV	2	228 gal	2.8 tons
VIA Average vehicle fuel economy: 6 MPG Miles traveled per vehicle per year: 60,016 mi Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Heavy-Duty	HEV	30	166,015 gal	2,044.9 tons
VIA Electricity used: 34,160 kWh Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: No	Heavy-Duty	PHEV	3	3,770 gal	15.1 tons
Total:			749	282,516 gal	3,398 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
CPS Energy Fuel used: 1,650 gal Percentage from coalition: 75% National Clean Fleets Partnership: No	Forklifts	Alternative fuel or vehicles	Propane	32	843 gal	0.3 tons
NPS Brake horsepower-hours used: 76 brake horsepower-hours Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Electric Carts</i>	Recreational equipment	Alternative fuel or vehicles	Electric	3	5 gal	0.0 tons
NPS Fuel used: 890 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Propane Mowers</i>	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	4	606 gal	0.2 tons

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
NPS	Forklifts	Alternative fuel or vehicles	Propane	1	5 gal	0.0 tons
Fuel used: 8 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Propane Forklifts</i>						
SAWS	Forklifts	Alternative fuel or vehicles	Biodiesel (10%)	12	144 gal	1.3 tons
Fuel used: 1,350 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
SAWS	Recreational equipment	Alternative fuel or vehicles	Electric	12	17 gal	0.1 tons
Fuel used: 200 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
SAWS	Forklifts	Alternative fuel or vehicles	Propane	7	681 gal	0.3 tons
Fuel used: 1,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Seaworld	Forklifts	Alternative fuel or vehicles	Propane	3	1,363 gal	0.5 tons
Fuel used: 2,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Seaworld LPG Forklifts</i>						
VIA	Forklifts	Alternative fuel or vehicles	Electric	1	8 gal	0.0 tons
Fuel used: 100 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Electric Forklift</i>						
VIA	Forklifts	Alternative fuel or vehicles	Propane	10	2,552 gal	1.0 tons
Fuel used: 3,746 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				85	6,225 gal	4 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 San Antonio	17 MPG	51 MPG	123	60,000 mi	289,412 gal	3,564.9 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Taxis Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Taxi Upgrade Program</i>						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
City of San Antonio	20 MPG	54 MPG	248	7,156 mi	55,870 gal	688.2 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of San Antonio	50 MPG	100 MPG	5	11,434 mi	572 gal	7.0 tons
Method: Vehicle - Hydraulic hybrid Vehicle class: Light-Duty Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
GSA	25 MPG	34 MPG	101	588 mi	452 gal	5.6 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 65% National Clean Fleets Partnership: No						
SAWS	17 MPG	17 MPG	682	1,580 mi	1,457 gal	17.9 tons
Method: Tires - Auto air inflation systems Vehicle class: Light-Duty Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
USAA	21 MPG	25 MPG	22	15,000 mi	2,514 gal	31.0 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
USAA	21 MPG	27 MPG	42	15,000 mi	6,667 gal	82.1 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
USAA	17 MPG	23 MPG	6	12,000 mi	1,105 gal	13.6 tons
Method: Vehicle - More efficient Vehicle class: Light-Duty Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
VIA	4 MPG	6 MPG	30	54,729 mi	151,390 gal	1,877.3 tons
Method: Vehicle - Hydraulic hybrid Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			1,259	177,487 mi	509,438 gal	6,288 tons

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
NPS	Non-motorized locomotion (e.g., bicycles)	Light-Duty	84 gal	1.0 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 16 MPG Number of vehicles driven less: 3 VMT reduction per vehicle being driven less: 450 mi Percentage from coalition: 100% National Clean Fleets Partnership: No				
NuRide	Carpooling	Light-Duty	963,217 gal	11,864.6 tons
Fuel saved: 963,217 gallons Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Gallons of gas saved in 2016 by individuals who either live in or commute to the 13 county Alamo Region through walking, biking, busing, carpool/vanpooling, telecommuting, or working a compressed schedule and who have recorded the trips they have taken through these means on NuRide.com: 967,217 gallons saved</i>				
SAWS	Mass transit	Light-Duty	4,268 gal	52.6 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 21 MPG Number of vehicles driven less: 50 VMT reduction per vehicle being driven less: 3,500 mi Percentage from coalition: 50% National Clean Fleets Partnership: No <i>SAWS provides employees with monthly bus passes at discounted rates. They are not a transit agency.</i>				
Seaworld	Mass transit	Light-Duty	6,250 gal	77.0 tons
Fuel type of vehicles driven less: Gasoline Fuel economy of vehicles driven less: 21 MPG Number of vehicles driven less: 50 VMT reduction per vehicle being driven less: 3,500 mi Percentage from coalition: 75% National Clean Fleets Partnership: No <i>Provides VIA Bus passes to employees</i>				
Total:			973,820 gal	11,995 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
NISD	890	20 mins/day 187 days/year	1 gal/hr	27,738 gal	344.0 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No <i>this program is intended for the route busses to come to their stop, let the engine idle down, and then shut off the engine until the children start loading. This is enforced through no-notice stops by supervisors.</i>					

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
NPS	17	5 mins/day 365 days/year	0 gal/hr	135 gal	1.7 tons
Type of project: Policies Type of vehicle: Light-Duty Percentage from coalition: 100% National Clean Fleets Partnership: No					
SAWS	25	60 mins/day 175 days/year	2 gal/hr	1,313 gal	16.3 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Other Percentage from coalition: 20% National Clean Fleets Partnership: No					
Seguin ISD- Anti-idling Policy	85	15 mins/day 177 days/year	1 gal/hr	1,881 gal	23.3 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No					
VIA	460	10 mins/day 365 days/year	1 gal/hr	27,983 gal	347.0 tons
Type of project: Policies Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:	1,477			59,050 gal	732 tons

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	1	1
E85 - 85% Ethanol	-	-
Electric Charging Outlets	-	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	1	1

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Texas Association of Business Meeting	01/19/2016	Meeting - Other	25%	45
Technology: Electric vehicles, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction Audience: Government, Private Fleets, Transit, Utility <i>Attended Texas Association of Business Meeting to provide San Antonio input at the meeting in regards to alternative fuels and fleet conversions.</i>				
Meeting with HEB for Grant Assistance	02/01/2016	Meeting - Other	100%	5
Technology: Natural gas vehicles Audience: Delivery, Private Fleets, Transit <i>HEB asked me to stop by and meet with their Transportation team and finance team to review and provide comment on grant applications that were expected to be submitted by HEB.</i>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Property Assessed Clean Energy Educational Workshop Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, Government, Private Fleets, Transit, Utility, Waste <i>The Coalition held a workshop on Property Assessed Clean Energy. This workshop educated all attendees of the value of PACE and the possible projects that could be funded through pace, and the option for electric vehicles in the calculation.</i>	02/05/2016	Workshop held by coalition	100%	35
Natural Gas Station Opening - NAT-G Technology: Natural gas vehicles Audience: General Public, Government, Private Fleets, Utility <i>The Coalition helped market and plan for the event. In addition the Coalition was present at the event and spoke to stakeholders and media about natural gas.</i>	02/16/2016	Media Event	50%	75
Greater Bexar County council of Cities Meeting - Presentation Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Government <i>The Coalition was present to present the sample control strategies that AACOG had put together for the individual cities to participate in. These strategies included alternative fuels, alternative work schedules, ride share, and TDM companies.</i>	03/16/2016	Literature Distribution	25%	25
CNG/LNC Code Compliance Workshop Technology: Natural gas vehicles Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste <i>The Coalition held a CNG/LNC Code Compliance Workshop for all those interested in learning more about the codes or how to enforce the codes. Attendees were natural gas companies, code enforcement officials, and those using or thinking of using natural gas in the future.</i>	03/18/2016	Workshop held by coalition	100%	50
Chargepoint - Take Charge Austin EV Leadership Conference Technology: Electric vehicles, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste <i>The Coalition attended and participated in the Conference.</i>	04/14/2016	Conference participation	10%	75
Earth Day San Antonio at Woodlawn Lake 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, Private Fleets <i>The coalition joined the Natural Resources Department from AACOG to pass out literature to attendees of the 2016 Earth Day San Antonio. In addition, Clean Air Champions were awarded at the event.</i>	04/16/2016	Literature Distribution	100%	400
TXDOT State Alt Fuel Workshop Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: Airport, Government, Utility <i>The Coalition participated in the TXDOT led State Alt Fuel Workshop. Coordinators and representatives from 5 other states were in attendance. We discussed best practices and what has worked in other parts on the nation.</i>	04/18/2016	Conference participation	25%	30
Met with Transportation Director of NEISD to discuss options for Propane Bus Adoption. Technology: Propane Audience: Government, Transit <i>The Coalition held a brainstorming session with Rafael Salazaar, thr Transportation Director for NEISD. We discussed what has led to their success in adopting Propane and their plans for the future. We also discussed options for schools that have not yet adopted propane vehicles into their fleet.</i>	04/19/2016	Meeting - Other	100%	3

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Rackspace Green Day	04/20/2016	Conference participation	75%	400
<p>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, Private Fleets</p> <p><i>The Coalition participated in the annual Rackspace Green Day. The coalition was able to make contacts with key electric vehicles that would be available for test drive at the event. At the Coalition's display table, staff answered questions from the Rackspace employees and family members, as well as passed out information on AFV's.</i></p>				
Presented talk on Air Quality to the "North Star Walkers"	05/19/2016	Workshop held by coalition	100%	25
<p>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</p> <p><i>The coalition created and presented a presentation on AFV's and air quality to a group of seniors at a local mall. They were a very interesting group with plenty of questions. I did follow up with one particularly interested individual via email answering questions, etc.</i></p>				
Propane Workshop - Hosted by AACOG and PROCOT	06/09/2016	Workshop held by coalition	100%	45
<p>Technology: Fuel economy improvements, Idle reduction, Propane Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste</p> <p><i>The coalition teamed up with the Propane Research Council of Texas to host an informative Propane workshop for all stakeholders currently using propane or are thinking of adopting propane in the future.</i></p>				
Training Workshop on Solar and its effects on the grid	06/27/2016, 06/28/2016	Workshop held by coalition	75%	120
<p>Technology: Electric vehicles, Fuel economy improvements, Idle reduction, Vehicle miles traveled reduction Audience: Airport, General Public, Government, Utility</p> <p><i>The coalition held a workshop on solar and its effects. One of the main effects we spoke about was the connection between Electric vehicles, home charging, and solar energy storage. EV infrastructure professionals were on site to give a presentation.</i></p>				
Press Release at City Hall - Anti-Idle	06/30/2016	Media Event	50%	100
<p>Technology: Idle reduction Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste</p> <p><i>The Coalition participated in the media event for the press release for the Anti-idle discussion at the steps of city hall.</i></p>				
Alamo Sierra Club Meeting	07/14/2016	Meeting - Stakeholder	50%	15
<p>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</p> <p><i>The coalition attended and participated in the Alamo Sierra Club Meeting. The coalition updated the members on the newest updates and technology.</i></p>				
National Drive electric Week at the Pearl	09/10/2016	Workshop held by coalition	100%	1,000
<p>Technology: Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Idle reduction, Vehicle miles traveled reduction Audience: General Public, Government, Private Fleets, Utility</p> <p><i>The Coalition held its annual green car event at the Pearl Stable, in association with their farmers market to gather more engagement. Over 1000 people stopped by and checked out our electric vehicles.</i></p>				
Texas Aggregates and Concrete Association Environmental Seminar	10/11/2016	Conference participation	100%	65
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Propane Audience: Airport, Government, Private Fleets, Transit, Utility, Waste</p> <p><i>The coalition created and presented an overview of air quality and AFVs to the attendees of the seminar.</i></p>				
San Antonio Manufacturers Association Environmental and Sustainability Seminar	10/20/2016	Conference participation	50%	55
<p>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</p> <p><i>The coalition attended and participated in discussion on environmental matters at the all day conference. the coalition also had a booth with literature available for the attendees to pick up.</i></p>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
City of San Antonio Sustainability Summit	11/01/2016	Conference participation	25%	150
<p>Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction</p> <p>Audience: Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste</p> <p><i>The coalition attended and participated in the COSA Sustainability Summit. The coalition was able to set up a booth and provide information on sustainability and alternative fueled vehicles to the attendees.</i></p>				
Presentation to Northside Neighborhoods for Organized Development	11/14/2016	Meeting - Other	75%	40
<p>Technology: Biodiesel, E85, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction</p> <p>Audience: General Public</p> <p><i>The coalition was able to present a presentation to the Northside Neighborhoods for Organized Development Group. The group had many questions.</i></p>				
Total:				2,758