

2017 Transportation Technology Deployment Report:

Greater Washington Region Clean Cities
Coalition

Expanded Edition

March 2018

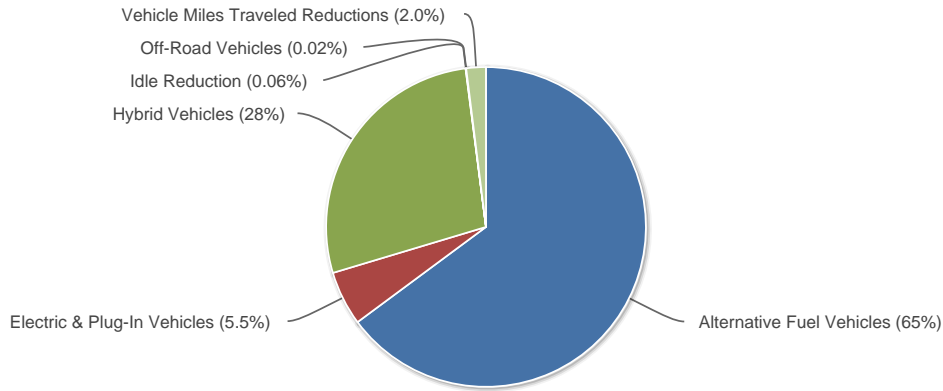
The U.S. Department of Energy's (DOE) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum use in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and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

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

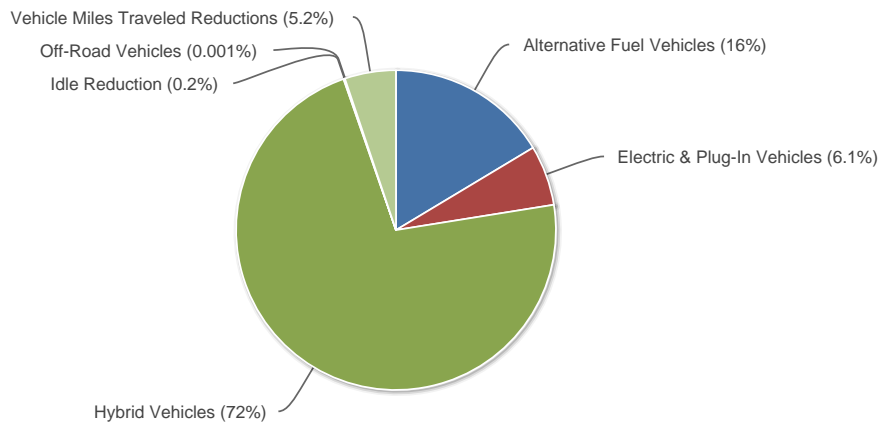
2017 Gallons of Gasoline Equivalent Reduced

8,936,796 gallons

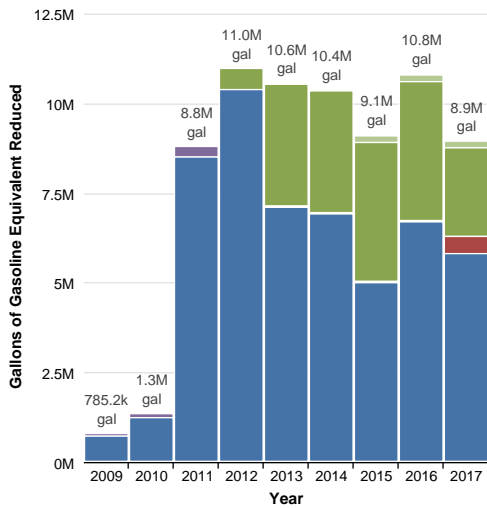


2017 Greenhouse Gas Emissions Reduced

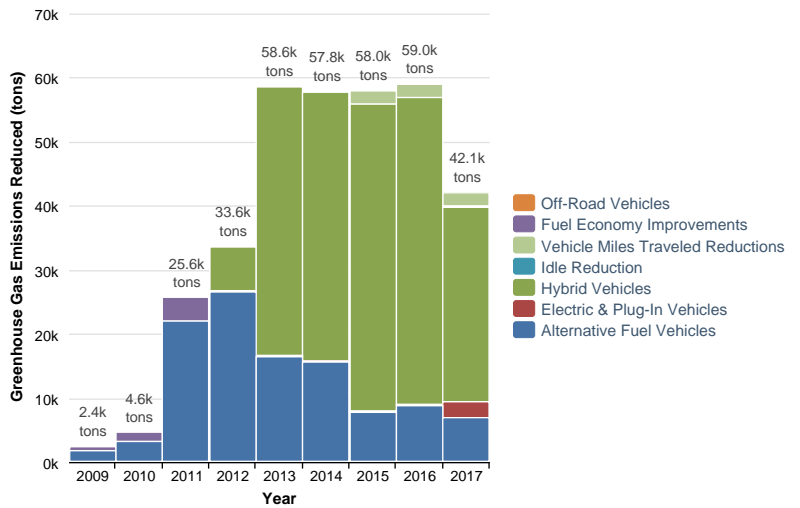
42,059 tons



Historical Gallons of Gasoline Equivalent Reduced

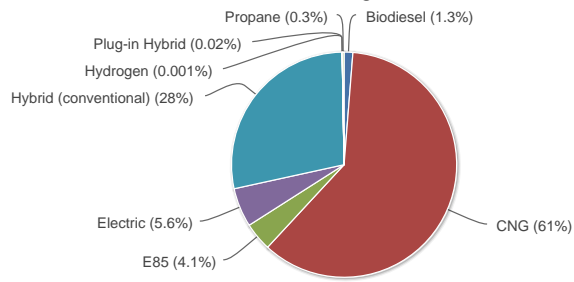


Historical Greenhouse Gas Emissions Reduced



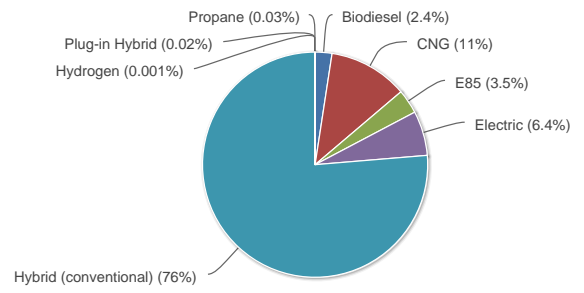
2017 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

8,754,949 gallons



2017 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

39,819 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	170,604 lb	187 lb	-896,889 lb	3 lb	2 lb
E85 - 85% Ethanol	0 lb	197 lb	0 lb	0 lb	0 lb
Electric (all-electric)	1,851 lb	2,807 lb	51,731 lb	82 lb	76 lb
Hybrid (conventional)	759 lb	196 lb	-318 lb	1 lb	1 lb
Hydrogen	0 lb	0 lb	8 lb	0 lb	0 lb
Plug-in Hybrid	16 lb	18 lb	396 lb	1 lb	1 lb
Propane	1,018 lb	-63 lb	-1,593 lb	7 lb	2 lb
VMT Reduction (Gasoline)	759 lb	1,212 lb	21,756 lb	304 lb	67 lb
Total:	175,006 lb	4,554 lb	-824,908 lb	398 lb	148 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

Greater Washington Region Clean Cities Coalition - DC

<http://www.gwrccc.org>

Designated: 10/21/1993

Boundaries: District of Columbia; includes Alexandria, VA; Arlington County, VA; City of Fairfax, VA; Fairfax County, VA; Falls Church, VA; Loudoun County, VA; City of Manassas, City of Manassas Park, Prince William County, VA. Works cooperatively with bordering coalitions in Virginia and Maryland.

COORDINATORS

	Address	Telephone	Fax
Ira Dorfman	2000 14th St, NW, Ste 330 P.O. Box 73402, 20056-3402 Washington, DC 20009		

Number of coordinators	1
Coordinator(s) hours per week on Clean Cities	40 hours
Other staff hours per week on Clean Cities	40 hours
How long have you been the coordinator?	1 years

OPERATING INFORMATION

Host organization Nonprofit - Standalone

Stakeholders

Number of stakeholders	36
Number of private stakeholders	14
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?	Coalition records, Estimates, Paper, e-mail, or spreadsheet questionnaire to stakeholders, Phone calls to stakeholders
Has your coalition registered with www.grants.gov ?	Yes

2017 Outside Funding

Stakeholder dues collected	\$27,500
How much funding is obtained from other sources to cover coalition operating expenses?	\$2,500
Non-DOE or ARRA grant and matching funds spent in 2017	\$5,000
Total non-DOE or ARRA funding in 2017	\$35,000

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
American University	Heavy-Duty	Biodiesel (10%)	11	100% of time	1,452 gal	12.7 tons
<p>Miles traveled per vehicle: 15,909 mi Average vehicle fuel economy: 10 MPG Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No Shuttle bus</p>						
Arlington County	Heavy-Duty	Biodiesel (20%)	285	100% of time	25,084 gal	219.7 tons
<p>Miles traveled per vehicle: 14,318 mi Average vehicle fuel economy: 18 MPG Market: Government - Local Vehicle type: Truck: No Trailer Percentage from coalition: 50% National Clean Fleets Partnership: No</p>						
Arlington County	Light-Duty	E85 (blender pump)	1	100% of time	15 gal	0.1 tons
<p>Miles traveled per vehicle: 450 mi Average vehicle fuel economy: 18 MPG Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Arlington Regional Transit--ART	Heavy-Duty	CNG	51	100% of time	302,470 gal	254.7 tons
<p>Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 5 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No Transit-style bus</p>						
Arlington Regional Transit--ART	Heavy-Duty	CNG	14	100% of time	46,472 gal	39.1 tons
<p>Miles traveled per vehicle: 30,000 mi Average vehicle fuel economy: 10 MPGde Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No Bus (Cut-a-way)</p>						
Blossman Corporate Fleet	Light-Duty	Propane	12	3,375 gal	1,277 gal	1.8 tons
<p>Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No 4 sedans and 8 vans</p>						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
District of Columbia Government	Heavy-Duty	Biodiesel (20%)	15	100% of time	439 gal	3.8 tons
Miles traveled per vehicle: 998 mi Average vehicle fuel economy: 4 MPG Market: Commuters Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No						
District of Columbia Government	Heavy-Duty	Biodiesel (20%)	366	100% of time	35,287 gal	309.0 tons
Miles traveled per vehicle: 2,446 mi Average vehicle fuel economy: 4 MPG Market: Utility Vehicle type: Truck: No Trailer Percentage from coalition: 75% National Clean Fleets Partnership: No						
District of Columbia Government	Heavy-Duty	Biodiesel (20%)	65	100% of time	1,643 gal	14.4 tons
Miles traveled per vehicle: 2,650 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 25% National Clean Fleets Partnership: No						
District of Columbia Government	Heavy-Duty	Biodiesel (20%)	62	100% of time	7,625 gal	66.8 tons
Miles traveled per vehicle: 2,779 mi Average vehicle fuel economy: 3 MPG Market: Utility Vehicle type: Truck: Refuse Percentage from coalition: 50% National Clean Fleets Partnership: No						
District of Columbia Government	Heavy-Duty	CNG	7	100% of time	12,455 gal	10.5 tons
Miles traveled per vehicle: 4,503 mi Average vehicle fuel economy: 2 MPGde Market: Government - Local Vehicle type: Truck: Refuse Percentage from coalition: 75% National Clean Fleets Partnership: No						
District of Columbia Government	Light-Duty	Biodiesel (20%)	58	100% of time	3,096 gal	28.3 tons
Miles traveled per vehicle: 3,117 mi Average vehicle fuel economy: 10 MPG Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
District of Columbia Government	Light-Duty	CNG	2	100% of time	633 gal	0.8 tons
Miles traveled per vehicle: 4,223 mi Average vehicle fuel economy: 10 MPGge Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
District of Columbia Government	Light-Duty	CNG	117	100% of time	24,832 gal	32.2 tons
Miles traveled per vehicle: 6,204 mi Average vehicle fuel economy: 19 MPGge Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No						
District of Columbia Government	Light-Duty	E85 (blender pump)	76	100% of time	10,939 gal	42.7 tons
Miles traveled per vehicle: 3,115 mi Average vehicle fuel economy: 10 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
District of Columbia Government	Light-Duty	E85	604	100% of time	115,353 gal	450.0 tons
Miles traveled per vehicle: 4,104 mi Average vehicle fuel economy: 10 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
International Limousine, Inc	Heavy-Duty	Biodiesel (20%)	121	100% of time	29,715 gal	260.2 tons
Miles traveled per vehicle: 6,037 mi Average vehicle fuel economy: 3 MPG Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No						
Montgomery County	Light-Duty	E85 (blender pump)	727	50% of time	170,532 gal	665.2 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 15 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No 461 cars and 266 pickups/SUVs/Vans						
Montgomery County Ride-On	Heavy-Duty	CNG	102	268,765 GGE	241,889 gal	203.7 tons
Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No						
National Mall and Memorial Parks	Light-Duty	E85 (blender pump)	25	10% of time	198 gal	0.8 tons
Miles traveled per vehicle: 4,520 mi Average vehicle fuel economy: 17 MPG Market: National Parks Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
National Mall and Memorial Parks	Light-Duty	E85 (blender pump)	3	10% of time	40 gal	0.2 tons
Miles traveled per vehicle: 5,000 mi Average vehicle fuel economy: 17 MPG Market: National Parks Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
National Mall and Memorial Parks	Light-Duty	Hydrogen	1	100% of time	88 gal	0.4 tons
Miles traveled per vehicle: 1,500 mi Average vehicle fuel economy: 17 MPGge Market: National Parks Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Prince George's County Government	Heavy-Duty	Propane	8	100% of time	1,636 gal	0.6 tons
Miles traveled per vehicle: 4,250 mi Average vehicle fuel economy: 23 MPGde Market: Commuters Vehicle type: Bus: Shuttle Percentage from coalition: 100% National Clean Fleets Partnership: No						
Prince George's County Government	Light-Duty	Propane	13	100% of time	2,000 gal	2.8 tons
Miles traveled per vehicle: 3,538 mi Average vehicle fuel economy: 23 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No <i>Cargo/ Animal Control Van</i>						
Schwan's - Medium-duty Propane	Heavy-Duty	Propane	5	23,456 gal	15,980 gal	6.3 tons
Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Smithsonian	Heavy-Duty	Biodiesel (20%)	13	100% of time	5,720 gal	50.1 tons
Miles traveled per vehicle: 13,123 mi Average vehicle fuel economy: 7 MPG Market: General/Unknown Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Smithsonian	Light-Duty	CNG	7	100% of time	4,248 gal	5.5 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 15 MPGge Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Smithsonian	Light-Duty	E85 (blender pump)	138	100% of time	59,521 gal	232.2 tons
Miles traveled per vehicle: 12,138 mi Average vehicle fuel economy: 13 MPG Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No						
Washington Gas	Heavy-Duty	CNG	16	100% of time	26,400 gal	22.2 tons
Miles traveled per vehicle: 13,123 mi Average vehicle fuel economy: 7 MPGde Market: Utility Vehicle type: Truck: No Trailer Percentage from coalition: 75% National Clean Fleets Partnership: No						
Washington Gas	Light-Duty	CNG	205	100% of time	92,250 gal	119.5 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 20 MPGge Market: Utility Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No						
WMATA	Heavy-Duty	CNG	461	100% of time	4,556,820 gal	3,836.8 tons
Miles traveled per vehicle: 35,734 mi Average vehicle fuel economy: 3 MPGde Market: Commuters Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No						
Total:			3,591		5,796,111 gal	6,893 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
American University	Light-Duty	Electric	10	819 gal	4.3 tons
Miles traveled per vehicle per year: 1,900 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:					
American University	Light-Duty	HEV	1	19 gal	0.2 tons
Average vehicle fuel economy: 29 MPG Miles traveled per vehicle per year: 3,000 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:					
American University	Light-Duty	PHEV	1	5 gal	0.0 tons
Average vehicle fuel economy: 31 MPG Miles traveled per vehicle per year: 2,500 mi Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 20% National Clean Fleets Partnership: No Workplace Charging Challenge:					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Arlington County Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 4,460 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Leaf</i>	Light-Duty	Electric	4	577 gal	3.0 tons
Arlington County Average vehicle fuel economy: 50 MPG Miles traveled per vehicle per year: 4,400 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Prius</i>	Light-Duty	HEV	38	2,897 gal	35.7 tons
Arlington County Average vehicle fuel economy: 36 MPG Miles traveled per vehicle per year: 4,400 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Camry</i>	Light-Duty	HEV	5	253 gal	3.1 tons
Arlington County Average vehicle fuel economy: 32 MPG Miles traveled per vehicle per year: 4,400 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Escape</i>	Light-Duty	HEV	30	2,696 gal	33.2 tons
Arlington County Average vehicle fuel economy: 42 MPG Miles traveled per vehicle per year: 4,400 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Fusion</i>	Light-Duty	HEV	32	2,037 gal	25.1 tons
Arlington County Average vehicle fuel economy: 88 MPG Miles traveled per vehicle per year: 4,400 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>80/20 electric/gas</i>	Light-Duty	PHEV	1	105 gal	0.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Arlington County Police	Light-Duty	HEV	2	1,289 gal	15.9 tons
Average vehicle fuel economy: 32 MPG Miles traveled per vehicle per year: 13,818 mi Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Fusion</i>					
Arlington County Police	Light-Duty	HEV	7	4,093 gal	50.4 tons
Average vehicle fuel economy: 27 MPG Miles traveled per vehicle per year: 13,818 mi Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>Camry</i>					
City of Manassas	Light-Duty	HEV	4	235 gal	2.9 tons
Average vehicle fuel economy: 26 MPG Miles traveled per vehicle per year: 3,905 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:					
City of Manassas	Light-Duty	HEV	4	329 gal	4.0 tons
Average vehicle fuel economy: 44 MPG Miles traveled per vehicle per year: 5,377 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:					
City of Manassas	Light-Duty	PHEV	1	59 gal	0.3 tons
Average vehicle fuel economy: 38 MPG Miles traveled per vehicle per year: 4,716 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:					
District of Columbia Government	Light-Duty	HEV	74	5,914 gal	72.8 tons
Average vehicle fuel economy: 97 MPG Miles traveled per vehicle per year: 3,032 mi Market: Government - State Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:					
District of Columbia Government	Light-Duty	PHEV	14	1,143 gal	5.9 tons
Average vehicle fuel economy: 97 MPG Miles traveled per vehicle per year: 2,795 mi Market: Government - State Vehicle type: Pickup/SUV/Van Percentage from coalition: 65% National Clean Fleets Partnership: No Workplace Charging Challenge:					

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
District of Columbia Taxi Fleet Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 50,358 mi Market: Taxis Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>The EV taxi program is licensed through the District of Columbia's Department of For-Hire Vehicles</i>	Light-Duty	Electric	159	447,314 gal	2,324.9 tons
Fairfax County Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 36,424 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	1	3,793 gal	46.7 tons
Fairfax County Average vehicle fuel economy: 45 MPG 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:	Light-Duty	HEV	112	24,823 gal	305.8 tons
Frederick County Average vehicle fuel economy: 6 MPG Miles traveled per vehicle per year: 32,988 mi Market: Government - Local Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	2	3,042 gal	37.5 tons
Frederick County Average vehicle fuel economy: 32 MPG Miles traveled per vehicle per year: 12,300 mi Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge: <i>15 cars and 5 pickups</i>	Light-Duty	HEV	20	2,929 gal	36.1 tons
International Limousine, Inc Average vehicle fuel economy: 8 MPG Miles traveled per vehicle per year: 16,285 mi Market: Corporate Fleet Vehicle type: Bus: Shuttle Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	8	2,904 gal	35.8 tons
Montgomery County Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 11,048 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	121	28,811 gal	149.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Montgomery County Ride-On Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 35,734 mi Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Heavy-Duty	HEV	68	268,862 gal	3,311.8 tons
National Mall and Memorial Parks Miles traveled per vehicle per year: 3,333 mi Market: National Parks Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	3	215 gal	1.1 tons
National Mall and Memorial Parks Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 3,000 mi Market: National Parks Vehicle type: Low-Speed/Neighborhood Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	6	675 gal	3.5 tons
National Mall and Memorial Parks Average vehicle fuel economy: 25 MPG Miles traveled per vehicle per year: 5,000 mi Market: National Parks Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	HEV	6	225 gal	2.8 tons
Prince George's County Government Miles traveled per vehicle per year: 5,243 mi Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	54	8,847 gal	46.0 tons
Prince George's County Government Average vehicle fuel economy: 51 MPG Miles traveled per vehicle per year: 12 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	7	2 gal	0.0 tons
Prince George's County Government Average vehicle fuel economy: 51 MPG Miles traveled per vehicle per year: 2,233 mi Market: Government - Local Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	PHEV	7	185 gal	1.0 tons
Smithsonian Average electric fuel economy: - kWh/100mi Miles traveled per vehicle per year: 8,000 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 75% National Clean Fleets Partnership: No Workplace Charging Challenge:	Light-Duty	Electric	13	3,362 gal	17.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
UPS	Heavy-Duty	HEV	17	9,206 gal	113.4 tons
Average vehicle fuel economy: 13 MPG Miles traveled per vehicle per year: 13,123 mi Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:					
WMATA	Heavy-Duty	HEV	808	2,129,811 gal	26,234.4 tons
Average vehicle fuel economy: 5 MPG Miles traveled per vehicle per year: 35,734 mi Market: General/Unknown Vehicle type: Bus: Transit Percentage from coalition: 50% National Clean Fleets Partnership: No Workplace Charging Challenge:					
Total:			1,640	2,957,475 gal	32,925 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
National Mall and Memorial Parks	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	6	1,363 gal	0.5 tons
Fuel used: 2,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				6	1,363 gal	1 tons

FUEL ECONOMY

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Capital BikeShare	Non-motorized locomotion (e.g., bicycles)	Light-Duty	176,598 gal	2,175.3 tons
Fuel saved: 353,195 gallons Percentage from coalition: 50% National Clean Fleets Partnership: No				
Total:			176,598 gal	2,175 tons

IDLE REDUCTION

Idle Reduction

Project Name	Number of Vehicles	Idling Reduced per Vehicle	Fuel Saved per Vehicle	GGE Reduced	GHG Reduced
District of Columbia Government	73	60 mins/day 100 days/year	1 gal/hr	5,250 gal	65.1 tons
Type of project: Automatic engine shutoff Type of vehicle: Heavy-Duty - Truck: Long-Haul Percentage from coalition: 65% National Clean Fleets Partnership: No					
Total:		73		5,250 gal	65 tons

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
2017 Washington Auto Show/FedFleet/Fleet Workshops	01/31/2017, 02/01/2017, 02/02/2017	Workshop held by coalition	75%	150
<p>Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Idle reduction, Natural gas vehicles, Propane Audience: Government, Private Fleets</p> <p><i>Best practices workshops for fleets + a presentation by partner organization, Metropolitan Council of Governments, on F4F fleet acquisition program.</i></p>				
Energy Independence Summit, Washington, DC	02/13/2017, 02/14/2017, 02/15/2017	Conference participation	5%	150
<p>Technology: Biodiesel, E85, Electric vehicles, Natural gas vehicles, Propane Audience: Government, Private Fleets, Utility, Waste, Other</p>				
GWRCCC Annual Networking Reception,	02/15/2017	Meeting - Stakeholder	100%	75
<p>Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Utility</p>				
Metropolitan Washington Council of Governments Air Quality Committee Meeting	03/08/2017	Meeting - Other	15%	30
<p>Technology: Biodiesel, Electric vehicles, Natural gas vehicles Audience: General Public, Government, Other</p> <p><i>Invited speaker to discuss Coalition activities</i></p>				
Green Truck Summit, Indianapolis, IN	03/13/2017, 03/14/2017, 03/15/2017	Conference participation	5%	500
<p>Technology: Electric vehicles, Hybrid electric vehicles, Natural gas vehicles, Propane Audience:</p> <p><i>Conference attendee and participation in Clean Cities Coordinators' activities</i></p>				
Metropolitan Washington Council of Government's Climate, Energy and Environment Policy Committee	03/22/2017, 05/24/2017, 07/26/2017, 09/27/2017, 11/15/2017	Meeting - Other	5%	150
<p>Technology: Electric vehicles, Fuel economy improvements, Hydrogen, Natural gas vehicles, Vehicle miles traveled reduction Audience: Airport, General Public, Government, Transit, Utility, Other</p> <p><i>Participate as member of Committee to discuss energy, environment and climate issues affecting the DMV.</i></p>				
Northern Virginia Regional Commission Task Force on Proposed Fast Commuter River Ferry	03/27/2017, 05/10/2017, 07/24/2017	Meeting - Other	5%	150
<p>Technology: Hydrogen, Natural gas vehicles Audience: Airport, General Public, Government, Transit, Utility, Other</p> <p><i>Participated in Committee meetings to discuss environmentally friendly ways to power commuter ferry proposed for the Potomac River between Woodbridge, VA and downtown Washington, DC</i></p>				
Mid-Atlantic National Star Route Mail Contractors Association, Frederick, MD	04/06/2017	Conference participation	5%	150
<p>Technology: Natural gas vehicles Audience: Government, Private Fleets</p> <p><i>Met with contract US Mail carriers interested in CNG trucks</i></p>				
Workplace Charging Workshop, Rockville, MD	04/13/2017	Conference participation	5%	50
<p>Technology: Electric vehicles Audience:</p> <p><i>Assisted the Maryland Energy Administration and Maryland Clean Cities publicize workshop on workplace charging. Several GWRCCC stakeholders participated.</i></p>				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Hydrogen Fuel Cell Interagency Working Group Presentation - conference call Technology: Hydrogen Audience: Government <i>Addressed Interagency Working Group on GWRCCC interest in HFC technology and proposed activities.</i>	04/18/2017	Meeting - Other	15%	30
GWRCCC Board of Directors Meeting, Washington DC Technology: Biodiesel, Electric vehicles, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Utility <i>Meeting of GWRCCC Board of Directors to discuss Coalition activities and plans.</i>	04/19/2017	Meeting - Stakeholder	100%	20
ACT Expo, Long Beach, CA Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane Audience: General Public, Government, Private Fleets, Transit, Utility <i>Attended conference and participated in workshops, tours and Clean Cities Coalition side discussions.</i>	05/01/2017, 05/02/2017, 05/03/2017, 05/04/2017	Conference participation	5%	1,000
USDOE Better Buildings Summit Technology: Electric vehicles Audience: General Public, Government, Utility <i>Speaker at Conference on transportation consideration in green building initiatives.</i>	05/15/2017	Conference participation	20%	100
Renewable Natural Gas Coalition Washington, DC Fly-In Technology: Natural gas vehicles Audience: <i>Speaker at Renewable Natural Gas Coalition Conference in Washington, DC</i>	05/22/2017	Conference participation	5%	100
Northern Virginia Biodiesel and Propane School Bus Workshop Technology: Biodiesel, Propane Audience: Government <i>Joint Virginia Clean Cities - GWRCCC Event held at the Fairfax County, VA Government Center to discuss biodiesel use and propane bus options for area school districts.</i>	05/23/2017	Workshop held by coalition	50%	100
Maryland/DC Biodiesel and Propane School Bus Event Technology: Biodiesel, Propane Audience: Government <i>Joint Maryland Clean Cities - GWRCCC Event held at in Prince George's County, MD to discuss biodiesel use and propane bus options for area school districts.</i>	05/25/2017	Workshop held by coalition	50%	100
2017 Department of Energy Annual Merit Review and Peer Exchange Technology: Electric vehicles, Hydrogen Audience: <i>Participated in discussions relating to electric and hydrogen vehicle projects and Clean Cities activities</i>	06/05/2017, 06/06/2017, 06/07/2017, 06/08/2017	Meeting - Other	5%	1,000
Propane Autogas Technology Forum, Arlington, VA Technology: Propane Audience: General Public, Government, Private Fleets <i>Participated in NREL-organized forum to discuss technology advances in propane. One of several Clean Cities coordinators who participated.</i>	06/13/2017	Conference participation	5%	50

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Cross-Country NGV Rally - Finish Line Event Technology: Natural gas vehicles Audience: General Public, Government, Private Fleets, Transit, Utility <i>Helped organize event commemorating the completion of a cross-county rally of natural gas vehicles - ending with a checkered flag on Pennsylvania Avenue in downtown Washington, DC. Served as the event's master of ceremonies.</i>	06/16/2017	Meeting - Stakeholder	75%	75
National Biodiesel Foundation Meeting, Washington, DC Technology: Biodiesel Audience: General Public, Government, Private Fleets, Other <i>Provided a presentation to the Board of the National Biodiesel Foundation on planned GWRCCC biodiesel activities in the Washington, DC region.</i>	06/19/2017	Conference participation	10%	50
Electrify America's Washington, DC EV Infrastructure Planning Event Technology: Electric vehicles Audience: General Public, Government, Private Fleets, Transit, Utility, Other <i>Participated in policy discussion involving roll out of Electrify America infrastructure plans for Washington, DC</i>	06/29/2017	Meeting - Other	5%	75
Testimony before Environmental Protection Agency on Renewable Fuel Standard, Washington, DC Technology: Biodiesel, Natural gas vehicles Audience: Government <i>Presented testimony before EPA panel on Agency's proposal to amend Renewable Fuel Standard</i>	08/01/2017	Meeting - Other	10%	100
Clean Cities Peer Exchange, Golden, CO Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Vehicle miles traveled reduction Audience: <i>Attended Clean Cities' Coordinators Peer Exchange Meeting at NREL in Golden, CO; provided presentation on efforts of GWRCCC to work with Electrify America.</i>	08/21/2017, 08/22/2017, 08/23/2017, 08/24/2017	Conference participation	5%	100
DC Public Service Commission Hearing on Merger of Washington Gas and Alta Gas Technology: Natural gas vehicles Audience: General Public, Government, Utility, Other <i>Testified at PSC hearing on the proposed merger of Washington Gas with Alta Gas.</i>	11/29/2017	Meeting - Other	5%	150
Total:				4,455

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2017	Matching Funds Spent in 2017	Total Project Funding Spent in 2017
Metropolitan Washington Council of Governments Length of grant: 1 Year grant began: 2017 Sources of the grant: Department of Energy Technologies: Biodiesel Blends, CNG - Compressed Natural Gas, Electricity, H2 - Hydrogen, Propane Purpose: To promote the Fleet for the Future (F4F) program <i>Provide outreach to local governments and fleets to promote the F4F program - intended to reduce the purchase price of vehicles, infrastructure and fuels through aggregate purchasing arrangements.</i>	\$6,500	-	\$6,500	\$6,500	\$0	\$6,500

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2017	Matching Funds Spent in 2017	Total Project Funding Spent in 2017
National Biodiesel Foundation	\$5,000	-	\$5,000	\$5,000	\$0	\$5,000
<p>Length of grant: 1 Year grant began: 2017 Sources of the grant: Foundation or Nonprofit Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends Purpose: To promote the use of biodiesel in Washington, DC area fleets.</p> <p><i>GWRCCC has provided outreach to highly-visible area fleets in an effort to heighten the visibility and interest in biodiesel as a clean transportation solution. Proposed projects include ferries, rail and airport shuttles.</i></p>						
Total:	\$11,500	\$0	\$11,500	\$11,500	\$0	\$11,500