U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

2022 Transportation Technology Deployment Report:

Greater Washington Region Clean Cities Coalition

Expanded Edition

March 2023

Clean Cities
U. S. Department of Energy

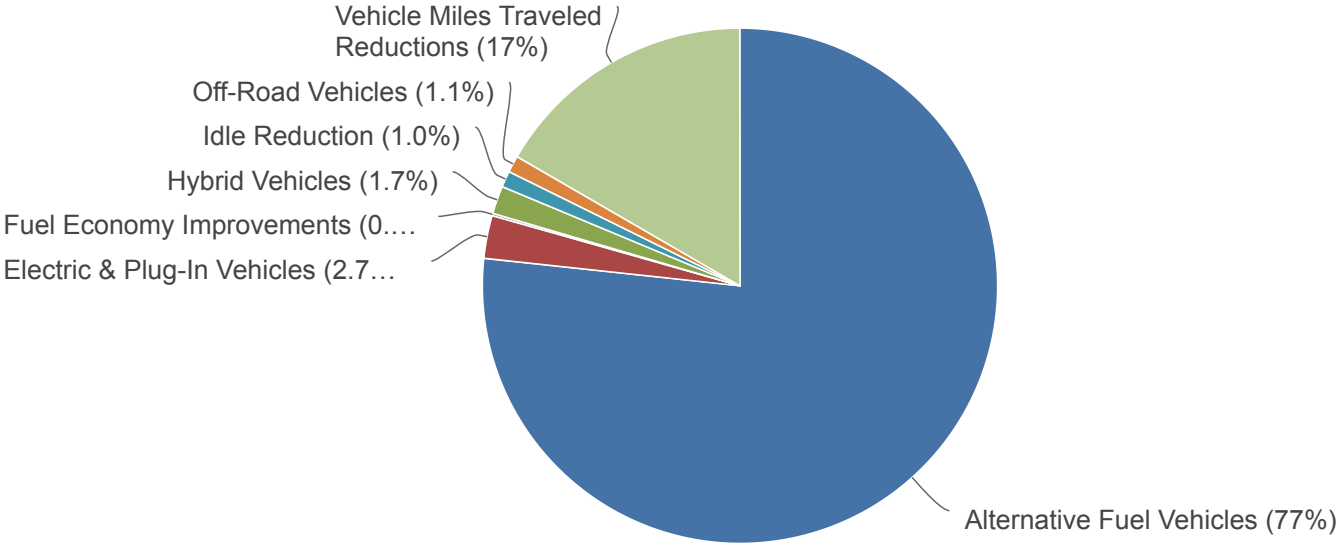
The U.S. Department of Energy's (DOE) Clean Cities Coalition Network fosters the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. A national network of more than 75 active coalitions serve as the foundation of Clean Cities by working in communities across the country to implement alternative fuels, fuel-saving technologies and practices, and new mobility choices.

Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition directors, 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 coalition directors also submit data on the sales of alternative fuels, deployment of alternative fuel vehicles, idle-reduction initiatives, fuel economy activities, and efforts to reduce vehicle miles traveled. NREL and DOE analyze the data and translate them into energy use impact, greenhouse gas reduction, and other metrics to show progress supporting the Clean Cities mission for individual coalitions and the network as a whole. This report summarizes those impacts for Greater Washington Region Clean Cities Coalition.

To view aggregated data for all local coalitions in the network, visit cleancities.energy.gov/accomplishments.

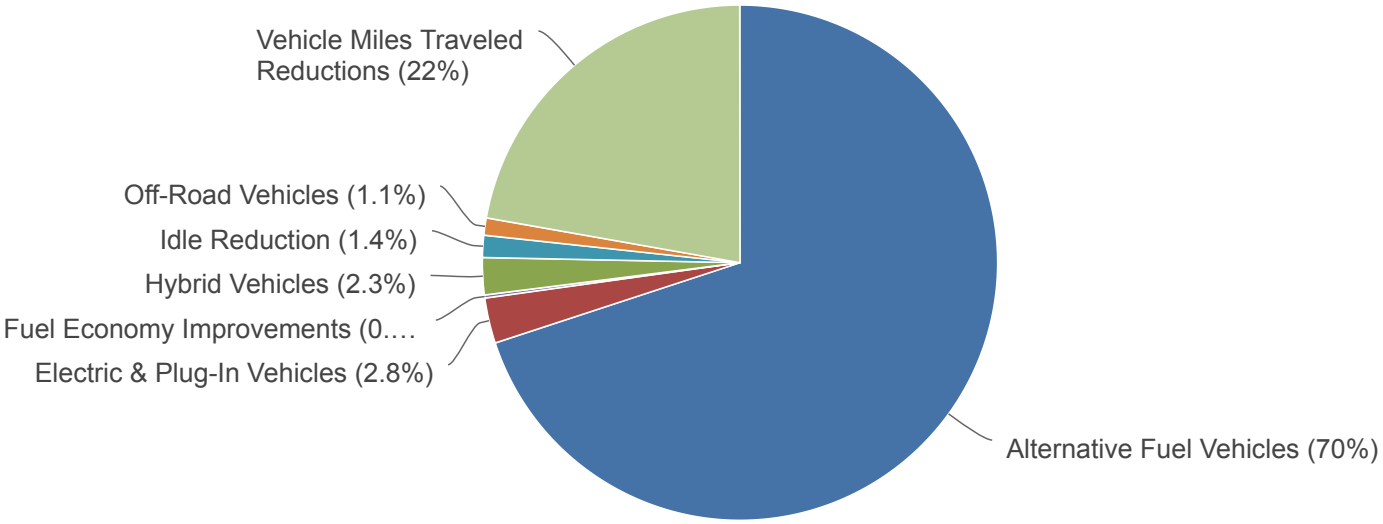
2022 Gallons of Gasoline Equivalent Reduced

4,104,005 gallons

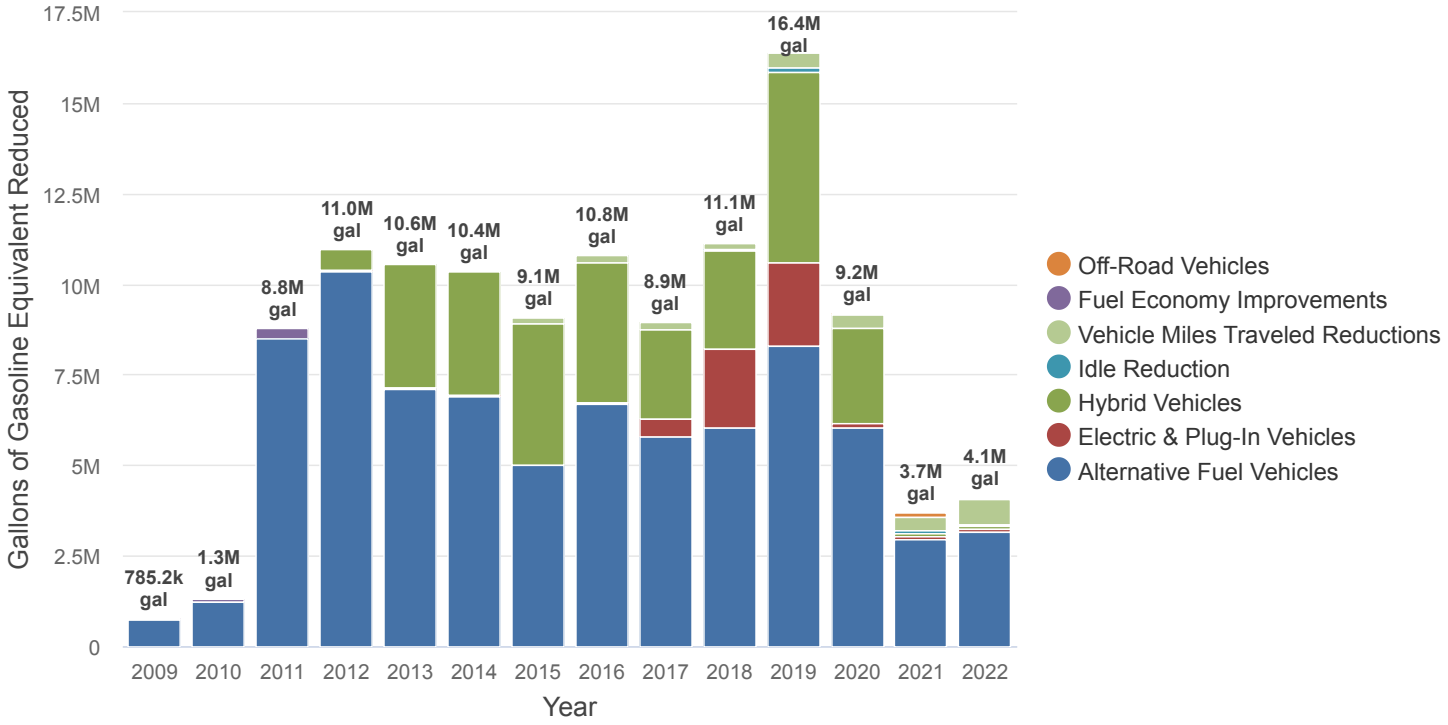


2022 Greenhouse Gas Emissions Reduced

36,151 tons



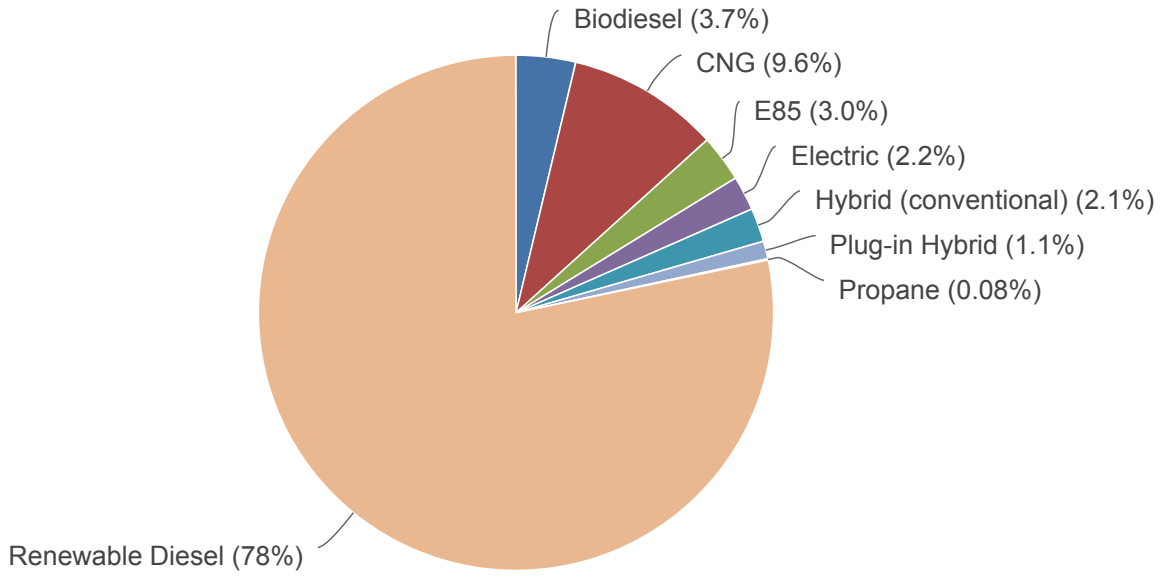
Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced

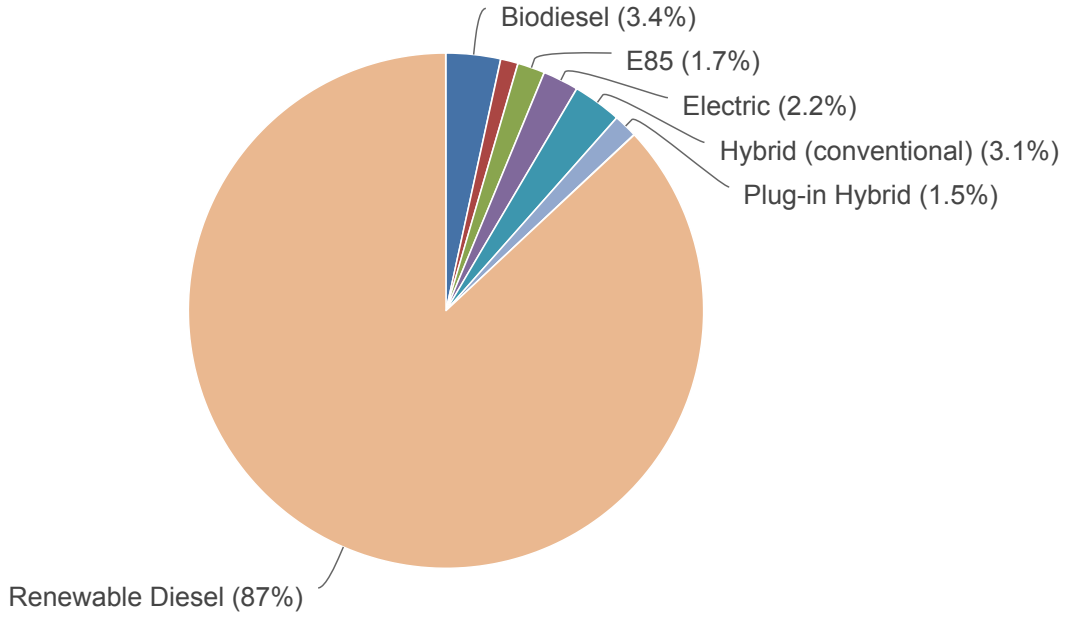
2022 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

3,373,556 gallons



2022 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

27,555 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. Criteria pollutants include nitrogen oxides (NOx) and volatile organic compounds (VOC), both precursors to ozone pollution or smog. They also include particulate matter (PM) grouped into 10 and 2.5 micron sizes. 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. Upstream emissions from electric power plants, refineries, and biofuel feedstock farms are not included in this summary since those operations typically do not take place in or near population centers where the vehicles are operated and health effects can be documented. 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 Technology	CO	NOx	VOC*	PM10	PM2.5
Alternative Fuel Vehicles - Biodiesel	-87 lb	-10 lb	159 lb	0 lb	0 lb
Alternative Fuel Vehicles - CNG	6,020 lb	410 lb	342 lb	36 lb	20 lb
Alternative Fuel Vehicles - E85	-11 lb	0 lb	89 lb	0 lb	0 lb
Alternative Fuel Vehicles - Propane	0 lb	0 lb	18 lb	0 lb	0 lb
Alternative Fuel Vehicles - Renewable Diesel	-288 lb	-32 lb	1,575 lb	0 lb	-1 lb
Electric, Hybrid & Plug-in Vehicles - Electric	11,688 lb	523 lb	952 lb	45 lb	26 lb
Electric, Hybrid & Plug-in Vehicles - HEV	11,148 lb	495 lb	985 lb	97 lb	39 lb
Electric, Hybrid & Plug-in Vehicles - PHEV	5,830 lb	259 lb	515 lb	44 lb	18 lb
Fuel Economy Improvements	932 lb	41 lb	82 lb	8 lb	3 lb
Idle Reduction	7,998 lb	373 lb	371 lb	67 lb	28 lb
Off-Road Vehicles	0 lb	0 lb	22 lb	0 lb	0 lb
Vehicle Miles Traveled Reductions	106,094 lb	4,711 lb	9,375 lb	919 lb	368 lb
Total:	**149,323 lb**	**6,770 lb**	**14,486 lb**	**1,214 lb**	**501 lb**

* VOC is interchangeable with NMOG (non-methane organic gases) and NMHC (non-methane hydrocarbons) for all purposes relevant to the Clean Cities suite of technologies.

COALITION

Greater Washington Region Clean Cities Coalition - DC

http://www.gwrccc.org

Designated: 10/21/1993
Boundaries: District of Columbia, including 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.

DIRECTORS

	Address	Telephone	Fax
Antoine Thompson	2000 14th St, NW, Ste 330 P.O. Box 73402, 20056-3402 Washington, DC 20009	202-671-1580	

Number of coalition directors	1
Coalition director(s) hours per week on Clean Cities	60 hours
Other staff hours per week on Clean Cities	25 hours
How long have you been the coalition director?	2 years

OPERATING INFORMATION

Coalition organizational structure	Standalone nonprofit (self-managed)
Does the coalition have a non-profit governing board?	Yes
Does the coalition have a non-governing advisory committee?	No

Stakeholders

Number of stakeholders	250
Number of private stakeholders	175
Stakeholder counting notes	
Does the State Energy Office provide any financial support to the coalition or stakeholders?	No
How do you obtain most of your data for the survey?	Coalition records, 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

2022 Outside Funding

Stakeholder dues collected	$36,000
How much funding is obtained from other sources to cover coalition operating expenses?	$50,000
Non-DOE or ARRA grant and matching funds spent in 2022	$160,000

Total non-DOE or ARRA funding in 2022	$246,000

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Arlington County Fire	Light-Duty	Renewable Diesel	43	100% of time	19,063 gal	179.4 tons
Miles traveled per vehicle: 11,520 mi **Average vehicle fuel economy:** 22 MPG **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	1	80% of time	196 gal	1.4 tons
Miles traveled per vehicle: 12,278 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Freightliner M2106* *Number of vehicles reduced by 20% due to lack of contact*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	1	100% of time	21 gal	0.2 tons
Miles traveled per vehicle: 1,000 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Bus: Shuttle **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *International HC/TC* *Number of vehicles reduced by 20% due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	2	100% of time	838 gal	6.1 tons
Miles traveled per vehicle: 23,596 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced number of vehicles by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	2	100% of time	2,514 gal	18.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 23,596 mi **Average vehicle fuel economy:** 3 MPG **Market:** Government - Local **Vehicle type:** Truck: Refuse **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Freightliner FL80* *Number reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	16	100% of time	1,807 gal	13.2 tons
Miles traveled per vehicle: 5,300 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced number of vehicles by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	10	100% of time	625 gal	4.6 tons
Miles traveled per vehicle: 1,100 mi **Average vehicle fuel economy:** 3 MPG **Market:** Government - Local **Vehicle type:** Truck: Refuse **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Crane Carrier* *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Biodiesel (20%)	42	100% of time	4,615 gal	33.7 tons
Miles traveled per vehicle: 5,500 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *International 4x2* *Number of vehicles reduced 20% from 2021 due to lack of contact.*						
Arlington County, VA	Heavy-Duty	Renewable Diesel	16	100% of time	16,868 gal	153.0 tons
Miles traveled per vehicle: 7,700 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of Vehicles reduced by 20% due to lack of contact.*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	2	100% of time	45 gal	0.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 2,200 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Dodge Sprinter*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	6	100% of time	242 gal	3.9 tons
Miles traveled per vehicle: 3,950 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Ford F350* *Number of vehicles reduced by 20% from 2021 due to lack of content.*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	14	100% of time	394 gal	6.3 tons
Miles traveled per vehicle: 2,200 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Freightliner Sprinter* *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	1	100% of time	26 gal	0.4 tons
Miles traveled per vehicle: 2,500 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Dodge 5500 Medic*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	18	100% of time	1,404 gal	22.4 tons
Miles traveled per vehicle: 6,100 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Ford F550* *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	14	100% of time	566 gal	9.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 3,950 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Ford F450* *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Arlington County, VA	Light-Duty	Biodiesel (20%)	1	100% of time	82 gal	1.3 tons
Miles traveled per vehicle: 8,000 mi **Average vehicle fuel economy:** 20 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Ford F250*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	6	100% of time	46,256 gal	40.3 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced by 20% from 2021 due to lack of contact.*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	11	100% of time	53,002 gal	46.2 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced number of vehicles 20% from 2021 due to lack of contact.*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	6	100% of time	46,256 gal	40.3 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** General/Unknown **Vehicle type:** Bus: Transit **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced 20% from 2021 due to no response*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	9	100% of time	69,384 gal	60.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of Vehicles reduced 20% from 2021 due to lack of contact.*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	2	100% of time	15,419 gal	13.4 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 80% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number reduced by 20% from 2021 due to lack of contact.*						
Arlington Regional Transit (ART)	Heavy-Duty	CNG	10	100% of time	72,276 gal	63.0 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPGde **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced 20% from 2021 due to lack of contact*						
DC Circulator Bus	Heavy-Duty	Renewable Diesel	47	100% of time	583,643 gal	5,292.5 tons
Miles traveled per vehicle: 34,012 mi **Average vehicle fuel economy:** 3 MPG **Market:** Government - Local **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
DC DPW	Heavy-Duty	Biodiesel (5%)	416	231,528 gal	12,335 gal	90.1 tons
Market: Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
DC DPW	Heavy-Duty	Biodiesel (20%)	416	306,078 gal	65,229 gal	476.6 tons
Market: Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
DC DPW	Heavy-Duty	Biodiesel (100%)	115	27,653 gal	29,466 gal	215.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
DC DPW	Light-Duty	CNG	59	21,136 GGE	20,079 gal	38.3 tons
Market: Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
DC DPW	Light-Duty	E85	572	180,847 gal	99,661 gal	474.5 tons
Market: Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Fairfax County, VA	Heavy-Duty	Renewable Diesel	284	100% of time	509,240 gal	4,617.8 tons
Miles traveled per vehicle: 12,278 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Fairfax County, VA	Heavy-Duty	Renewable Diesel	34	100% of time	371,966 gal	3,373.0 tons
Miles traveled per vehicle: 59,929 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Fairfax County, VA	Heavy-Duty	Renewable Diesel	69	100% of time	674,791 gal	6,119.0 tons
Miles traveled per vehicle: 25,000 mi **Average vehicle fuel economy:** 3 MPG **Market:** Government - Local **Vehicle type:** Truck: Refuse **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Fairfax County, VA	Light-Duty	Renewable Diesel	13	100% of time	10,935 gal	102.9 tons
Miles traveled per vehicle: 11,263 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Frederick County, MD	Heavy-Duty	Renewable Diesel	88	100% of time	56,927 gal	516.2 tons
Miles traveled per vehicle: 7,269 mi **Average vehicle fuel economy:** 8 MPG **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Frederick County, MD	Heavy-Duty	Renewable Diesel	2	100% of time	1,506 gal	13.7 tons
Miles traveled per vehicle: 6,345 mi **Average vehicle fuel economy:** 6 MPG **Market:** Government - Local **Vehicle type:** Truck: Semi-trailer **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Frederick County, MD	Light-Duty	Renewable Diesel	32	100% of time	18,783 gal	176.8 tons
Miles traveled per vehicle: 10,718 mi **Average vehicle fuel economy:** 18 MPG **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Pepco	Heavy-Duty	Biodiesel (20%)	340	100% of time	5,407 gal	39.5 tons
Miles traveled per vehicle: 1,990 mi **Average vehicle fuel economy:** 8 MPG **Market:** Utility **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 30% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Schwan's - Medium-duty Propane	Light-Duty	Propane	1	3,464 gal	2,623 gal	4.1 tons
Market: Corporate Fleet **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No						
Washington Sanitary Sewer (WSSC)	Heavy-Duty	Renewable Diesel	248	100% of time	333,517 gal	3,024.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 12,278 mi **Average vehicle fuel economy:** 8 MPG **Market:** Utility **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Total:			**2,969**		**3,148,008 gal**	**25,293 tons**

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Arlington County, VA	Light-Duty	Electric	16	664 gal	5.4 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 1,000 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	4	304 gal	3.6 tons
Average vehicle fuel economy: 39 MPG **Miles traveled per vehicle per year:** 4,800 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	2	134 gal	1.6 tons
Average vehicle fuel economy: 36 MPG **Miles traveled per vehicle per year:** 2,300 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	36	3,692 gal	43.4 tons
Average vehicle fuel economy: 42 MPG **Miles traveled per vehicle per year:** 5,800 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	5	1,291 gal	15.2 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 52 MPG **Miles traveled per vehicle per year:** 11,599 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	14	913 gal	10.7 tons
Average vehicle fuel economy: 46 MPG **Miles traveled per vehicle per year:** 3,300 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	HEV	20	1,018 gal	12.0 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 1,600 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	PHEV	1	376 gal	4.4 tons
Average electric fuel economy: 30 kWh/100mi **Average vehicle fuel economy:** 20 MPG **Miles traveled per vehicle per year:** 11,263 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Arlington County, VA	Light-Duty	PHEV	1	90 gal	1.1 tons
Average electric fuel economy: 31 kWh/100mi **Average vehicle fuel economy:** 42 MPG **Miles traveled per vehicle per year:** 4,000 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
County of Fairfax	Light-Duty	Electric	51	2,842 gal	24.5 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 1,176 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Cat. 1240*					
County of Fairfax **Average vehicle fuel economy:** 14 MPG **Miles traveled per vehicle per year:** 13,068 mi **Market:** Government - Local **Vehicle type:** Patrol Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Cat. 1713*	Light-Duty	HEV	8	3,831 gal	45.1 tons
County of Fairfax **Average vehicle fuel economy:** 36 MPG **Miles traveled per vehicle per year:** 10,989 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Cat. 1241, 1341, 1351*	Light-Duty	HEV	131	28,459 gal	334.7 tons
County of Fairfax **Average vehicle fuel economy:** 28 MPG **Miles traveled per vehicle per year:** 62 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Cat. 1622, 1714, 044, 2044, 2123, 2144*	Light-Duty	HEV	35	50 gal	0.6 tons
DC Circulator Bus (DDOT) **Average electric fuel economy:** 450 kWh/100mi **Miles traveled per vehicle per year:** 100 mi **Market:** Commuters **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *1 pilot Proterra ZX5 bus received in 2022. Remaining 13 ZX5 buses scheduled for delivery toward end of 2023/early 2024. Miles Traveled per vehicle per year is low, only used in test non-revenue/revenue service thus far. Unsure of exact mileage*	Heavy-Duty	Electric	14	162 gal	-1.2 tons
DC DPW	Light-Duty	Electric	123	59,596 gal	487.7 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 11,677 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
DC DPW	Light-Duty	HEV	97	9,243 gal	108.7 tons
Average vehicle fuel economy: 30 MPG **Miles traveled per vehicle per year:** 11,677 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
DC DPW	Light-Duty	PHEV	116	30,382 gal	357.3 tons
Average electric fuel economy: 31 kWh/100mi **Average vehicle fuel economy:** 42 MPG **Miles traveled per vehicle per year:** 11,677 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Frederick County, MD	Light-Duty	HEV	10	132 gal	1.6 tons
Average vehicle fuel economy: 34 MPG **Miles traveled per vehicle per year:** 1,681 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Frederick County, MD	Light-Duty	HEV	2	382 gal	4.5 tons
Average vehicle fuel economy: 34 MPG **Miles traveled per vehicle per year:** 10,735 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Pepco	Heavy-Duty	Electric	44	9,157 gal	94.7 tons
Average electric fuel economy: 48 kWh/100mi **Miles traveled per vehicle per year:** 4,508 mi **Market:** Utility **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 30% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Prince George's County, MD	Light-Duty	Electric	5	249 gal	1.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 35 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:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Prince George's County, MD	Light-Duty	HEV	183	19,883 gal	233.9 tons
Average vehicle fuel economy: 46 MPG **Miles traveled per vehicle per year:** 5,500 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Prince George's County, MD	Light-Duty	PHEV	28	6,425 gal	45.5 tons
Electricity used: 60,708 kWh **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Prince William County Government	Light-Duty	Electric	2	231 gal	2.2 tons
Average electric fuel economy: 29 kWh/100mi **Miles traveled per vehicle per year:** 1,789 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Prince William County Government	Light-Duty	HEV	2	49 gal	0.6 tons
Average vehicle fuel economy: 20 MPG **Miles traveled per vehicle per year:** 6,246 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Prince William County Government	Light-Duty	HEV	14	1,885 gal	22.2 tons
Average vehicle fuel economy: 25 MPG **Miles traveled per vehicle per year:** 15,621 mi **Market:** Government - Local **Vehicle type:** Patrol Car **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Prince William County Government	Light-Duty	HEV	8	32 gal	0.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 25 MPG **Miles traveled per vehicle per year:** 2,653 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Prince William County Government	Light-Duty	PHEV	2	235 gal	2.8 tons
Average electric fuel economy: 33 kWh/100mi **Average vehicle fuel economy:** 42 MPG **Miles traveled per vehicle per year:** 5,535 mi **Market:** Government - Local **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Washington Sanitary Sewer Commission (WSSC)	Light-Duty	HEV	5	418 gal	4.9 tons
Average vehicle fuel economy: 36 MPG **Miles traveled per vehicle per year:** 11,525 mi **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*					
Total:			**979**	**182,125 gal**	**1,870 tons**

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Arlington County Fire	Farm equipment	Alternative fuel or vehicles	Biodiesel (20%)	5	3 gal	0.0 tons
Fuel used: 50 gal **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Frederick County, MD	Construction equipment	Alternative fuel or vehicles	Renewable Diesel	42	20,476 gal	185.7 tons
Fuel used: 28,760 gal **Percentage from coalition:** 65% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Prince George's County, MD	Forklifts	Alternative fuel or vehicles	Propane	3	140 gal	0.2 tons
Fuel used: 185 gal **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Washington Sanitary Sewer Commission (WSSC)	Construction equipment	Alternative fuel or vehicles	Renewable Diesel	182	22,804 gal	206.8 tons
Fuel used: 27,760 gal **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Number of vehicles reduced by 20% from 2021 due to lack of contact.*						
Total:				**232**	**43,423 gal**	**393 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 Manassas	8 MPG	16 MPG	6	11,100 mi	3,455 gal	40.6 tons
Method: Vehicle - More efficient **Vehicle class:** Light-Duty **Market:** Government - Local **Vehicle type:** Patrol Car **Percentage from coalition:** 83% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced coalition contribution by 17% due to lack of contact.*						
Freder	13 MPG	20 MPG	1	1,425 mi	32 gal	0.4 tons
Method: Vehicle - Smaller **Vehicle class:** Light-Duty **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 83% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Reduced coalition contribution by 17% due to lack of contact.*						
Frederick County, MD	19 MPG	21 MPG	17	12,500 mi	884 gal	10.4 tons
Method: Vehicle - More efficient **Vehicle class:** Light-Duty **Market:** Government - Local **Vehicle type:** Patrol Car **Percentage from coalition:** 83% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Coalition contribution reduced by 17% due to lack of contact.*						
Prince George's County, MD	12 MPG	13 MPG	28	6,500 mi	968 gal	11.4 tons
Method: Other **Vehicle class:** Light-Duty **Market:** Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 83% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Coalition contribution reduced by 17% due to lack of contact.*						
Washington Sanitary Sewer (WSSC)	28 MPG	38 MPG	6	14,000 mi	655 gal	7.7 tons

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Method: Vehicle - More efficient **Vehicle class:** Light-Duty **Market:** Utility **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 83% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Coalition contribution reduced by 17% due to lack of contact.*						
Total:			**58**	**45,525 mi**	**5,994 gal**	**71 tons**

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Capital Bikeshare	Other	Light-Duty	634,146 gal	7,458.4 tons
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 21 MPG **Number of vehicles driven less:** 3,300 **VMT project per vehicle being driven less:** 3,939 mi **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Based on estimated 13,000,000 miles traveled from 3,250,000 trips at about 20 minutes each at about 12 mph. 3,000 bicycles and 300 e-bikes*				
Prince William County DOT Horner Road Commuter Lot	Carpooling	Light-Duty	48,387 gal	569.1 tons
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 31 MPG **Number of vehicles driven less:** 100 **VMT project per vehicle being driven less:** 30,000 mi **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Project to expand capacity to the Horner Road Commuter Lot to encourage carpooling.*				
Total:			**682,533 gal**	**8,027 tons**

IDLE REDUCTION

Idle Reduction

Project Name	Type of Project	Number of Vehicles	GGE Reduced	GHG Reduced
Pepco	Auxiliary power unit (APU)	98	38,818 gal	461.4 tons
Type of vehicle: Heavy-Duty - Truck: Delivery **Idling reduced per vehicle:** 240 mins/day, 260 days/year **Fuel saved per vehicle:** 1.00 gal/hr **Percentage from coalition:** 33% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Coalition contribution reduced by 17% due to lack of contact.*				
Washington Sanitary Sewer Commission (WSSC)	Policies	609	3,103 gal	36.5 tons

Project Name	Type of Project	Number of Vehicles	GGE Reduced	GHG Reduced
Type of vehicle: Light-Duty **Idling reduced per vehicle:** 30 mins/day, 260 days/year **Fuel saved per vehicle:** 0.49 gal/hr **Percentage from coalition:** 8% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *Percentage from coalition reduced by 17% due to lack of contact.*				
Total:		**707**	**41,922 gal**	**498 tons**

FUEL STATIONS

New Stations

Fuel	Public Stations	Private Stations
Biodiesel	-	-
CNG - Compressed Natural Gas	-	-
E85 - 85% Ethanol	-	-
EVSE Ports (Chargers): Level 1 & Level 2	226	90
EVSE Ports (Chargers): DC Fast Chargers	-	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	**226**	**90**

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
AMAC Chicago **Technology:** Electric vehicles **Audience:** Airport *FAA electrification*	09/01/2022	Conference Participation	50%	9,000
FedFleet DC **Technology:** Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane, Renewable diesel **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, Government, Private Fleets, Transit, Utility, Waste *30th anniversary*	05/17/2022, 05/18/2022, 05/19/2022	Meeting - Other	50%	9,000
Vets Group DC **Technology:** Electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public *VA electrification*	11/01/2022	Meeting - Other	50%	9,000
NAFA MD **Technology:** Electric vehicles **Audience:** Delivery, Private Fleets, Transit, Utility *fleet industry; AFV and EV Fleets*	08/01/2022	Meeting - Other	50%	100

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
IBEW 26	07/22/2022	Meeting - Other	50%	9,000
Technology: Electric vehicles **Audience:** Other *EVSE infrastructure*				
Electric Vehicle Workplace Charging	04/14/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
Benefits of Electric School Buses	08/02/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Private Fleets, Transit				
EV Charging at Apartments and Condos	08/09/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Other				
Learn More About EV Charging	12/08/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** General Public				
Electric School Bus Listening Session	12/13/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** Other				
I-66 Mobility Education Campaign	01/01/2022	Website	50%	20,000
Technology: Vehicle miles traveled reduction **Audience:** General Public, Government, Transit *Grant is for a Transportation Demand Management public campaign that includes data collection on current commute modes.*				
Renewable Natural Gas Workshop	02/22/2022	Workshop Held By Coalition	100%	9,000
Technology: Natural gas vehicles **Audience:** Government, Private Fleets, Transit				
Open Streets	07/30/2022	Meeting - Other	50%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public				
Opening Reception	02/09/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
Earth Week	04/19/2022, 04/22/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste *4/19/2022 - Climate Solutions and Actions in the DMV Virtual Panel* *4/22/2022 - Green Drinks Happy Hour*				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Spring Policy Conference	05/17/2022, 05/23/2022, 05/24/2022, 05/31/2022, 06/01/2022	Conference Participation	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
DC Auto Show	01/22/2022, 01/29/2022	Conference Participation	50%	9,000
Technology: Biodiesel, E85, Electric vehicles, Natural gas vehicles, Propane, Renewable diesel **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
ACT Conference	05/09/2022, 05/12/2022	Conference Participation	50%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
Biodiesel Conference	01/17/2022, 01/20/2022	Conference Participation	100%	9,000
Technology: Biodiesel **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, Other				
Funding Opportunities & Incentives for Fleets & Other Vehicles	10/04/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles, Natural gas vehicles **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
GWRCCC Social Media Sites	01/01/2022, 12/31/2022	Social Media	100%	3,578
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** General Public *Facebook: 111 Likes* *Instagram: 293 Followers* *Twitter: 769 Followers* *LinkedIn: 2,375 Connections* *Youtube: 30 avg views*				
GWRCCC.org	01/01/2022, 12/31/2022	Website	100%	27,844
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** *27,844 unique visitors in 2022*				
GWRCCC Opening Reception	02/09/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste				
Women in Alternative Fuels Virtual Workshop	03/22/2022	Workshop Held By Coalition	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane, Renewable diesel **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
GSA Business Opportunities Virtual Workshop	04/26/2022	Workshop Held By Coalition	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane, Renewable diesel **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
GWRCCC Green Jobs Fair	06/29/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste, Other				
Celebrating International Biodiesel Day	08/10/2022	Workshop Held By Coalition	100%	9,000
Technology: Biodiesel **Audience:** Airport, Delivery, General Public, Government, Private Fleets, Transit, Utility, Waste				
Drive Electric Week	09/27/2022	Meeting - Other	100%	9,000
Technology: Electric vehicles **Audience:** General Public				
GWRCCC Ride and Drive Showcase	10/20/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, Electric vehicles, Hydrogen **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public				
Annual Conference, Meeting and Awards Luncheon	10/20/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, E85, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel, Vehicle miles traveled reduction **Audience:** Airport, Delivery, Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Utility, Waste				
GWRCCC Job Fair - DC	11/09/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, Electric vehicles, Fuel economy improvements, Hybrid electric vehicles, Hydrogen, Natural gas vehicles, Propane, Renewable diesel **Audience:** General Public				
GWRCCC Job Fair - Prince George's County	11/18/2022	Meeting - Other	100%	9,000
Technology: Biodiesel, Electric vehicles, Hybrid electric vehicles, Hydrogen, Idle reduction, Natural gas vehicles, Propane, Renewable diesel **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public				
Multi-Unit Dwelling Intro to Property Managers	12/15/2022	Workshop Held By Coalition	100%	9,000
Technology: Electric vehicles **Audience:** General Public				
Total:				**312,522**

GRANTS

Name	Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2022	Matching Funds Spent in 2022	Total Project Funding Spent in 2022
Empower Program	Department of Energy	$14,500	-	$14,500	$0	$0	$0

Name	Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2022	Matching Funds Spent in 2022	Total Project Funding Spent in 2022
Length of grant: 3 years **Year grant began:** 2022 **Sources of the grant:** U.S. Department of Energy **Partners:** EMPOWER Project Team **Technologies:** Electricity							
Low or No Emission Vehicle Program - 5339©	Federal Transit Administration	$9,590,000	$4,069,033	$13,659,033	$0	$0	$0
Length of grant: 4 years **Year grant began:** 2022 **Sources of the grant:** Federal Transit Administration **Technologies:** Electricity							
I-66 Transit Fare Buy Down Program	Northern Virginia Transportation Commission (NVTC)	$650,000	$0	$650,000	$0	$0	$0
Length of grant: 1 years **Year grant began:** 2022 **Sources of the grant:** None of the above **Technologies:** Vehicle-Miles Traveled Reductions							
North Woodbridge Pedestrian Bridge	US Congress (Congressionally Directed Spending)	$4,000,000	$1,000,000	$5,000,000	$0	$0	$0
Length of grant: 5 years **Year grant began:** 2022 **Sources of the grant:** None of the above **Technologies:** Vehicle-Miles Traveled Reductions							
MEEP, MAEP and DERA, Plus other foundation grants	US Department of Energy and U.S. EPA	$675,000	-	$675,000	$0	-	$0
Additional grant money added since start: $0 **Additional matching funds added since start:** $0 **Length of grant:** 3 years **Year grant began:** 2020 **Sources of the grant:** U.S. Department of Energy, Environmental Protection Agency, Foundation or Nonprofit **Partners:** Fuel Cell Hydrogen Energy Association, NGVAmerica, WANADA **Technologies:** CNG - Compressed Natural Gas, Electricity, LNG - Liquefied Natural Gas							
	US Department of Energy Mid Atlantic Electrification Partnership	$602,603	-	$602,603	-	-	$0
Length of grant: 4 years **Year grant began:** 2020 **Sources of the grant:** U.S. Department of Energy **Partners:** Commonwealth of Virginia - Dept. of Mines, Minerals and Energy **Technologies:** Electricity							
	US Department of Energy Mid Atlantic School Bus Experience	$59,994	-	$59,994	-	-	$0

Name	Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2022	Matching Funds Spent in 2022	Total Project Funding Spent in 2022
Length of grant: 4 years **Year grant began:** 2019 **Sources of the grant:** U.S. Department of Energy **Partners:** James Madison University **Technologies:** Electricity							
	US Department of Energy - Multi-Unit Dwelling Plug-in Electric	$15,000	$22,500	$37,500	-	-	$0
Length of grant: 4 years **Year grant began:** 2019 **Sources of the grant:** U.S. Department of Energy **Partners:** Center for Sustainable Energy **Technologies:** Electricity							
Transportation Alternatives Program	USDOT/Virginia Department of Transportation	$5,015,470	$1,578,871	$6,594,341	$0	$0	$0
Length of grant: 2 years **Year grant began:** 2022 **Sources of the grant:** State Government **Technologies:** Vehicle-Miles Traveled Reductions							
Legacy Roadways in Prince William county	Virginia Office of Intermodal Planning and Investment (OIPI)	$160,000	$0	$160,000	$160,000	$0	$160,000
Length of grant: 1 years **Year grant began:** 2022 **Sources of the grant:** State Government **Technologies:** Vehicle-Miles Traveled Reductions							
Total:	**$20,782,567**	**$6,670,404**	**$27,452,971**	**$160,000**	**$0**	**$160,000**	