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

2022 Transportation Technology Deployment Report:

Central Coast Clean Cities Coalition

Expanded Edition

March 2023

Clean Cities
U.S. Department of Energy

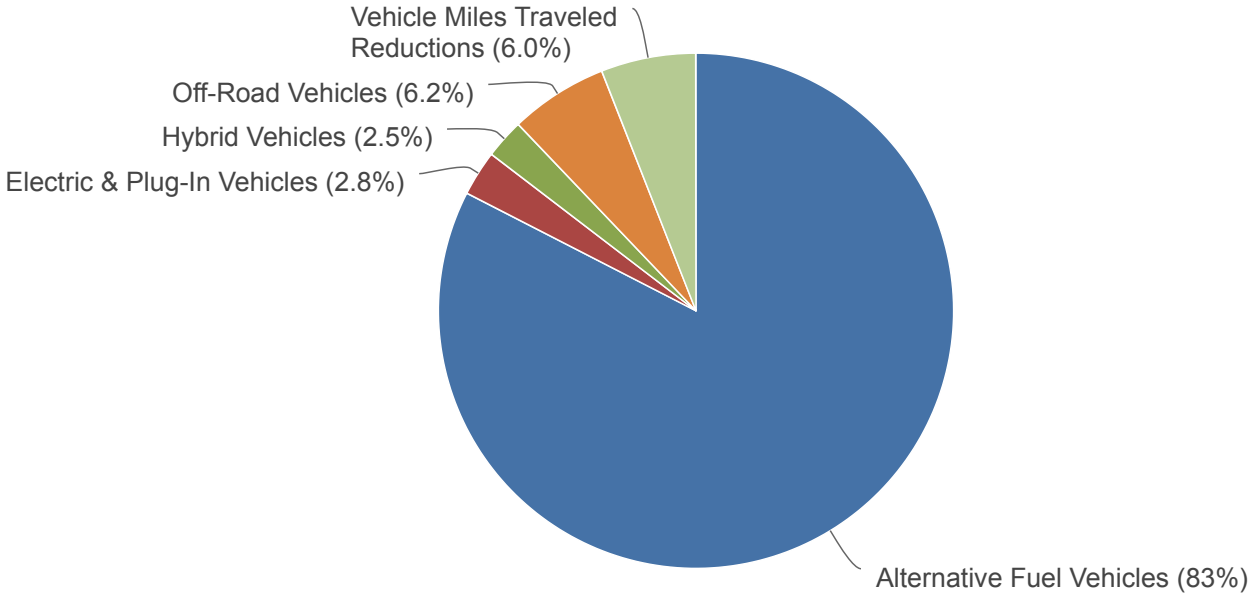
The U.S. Department of Energy's (DOE) Clean Cities Coalition Network fosters the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. A national 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 Central Coast Clean Cities Coalition.

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

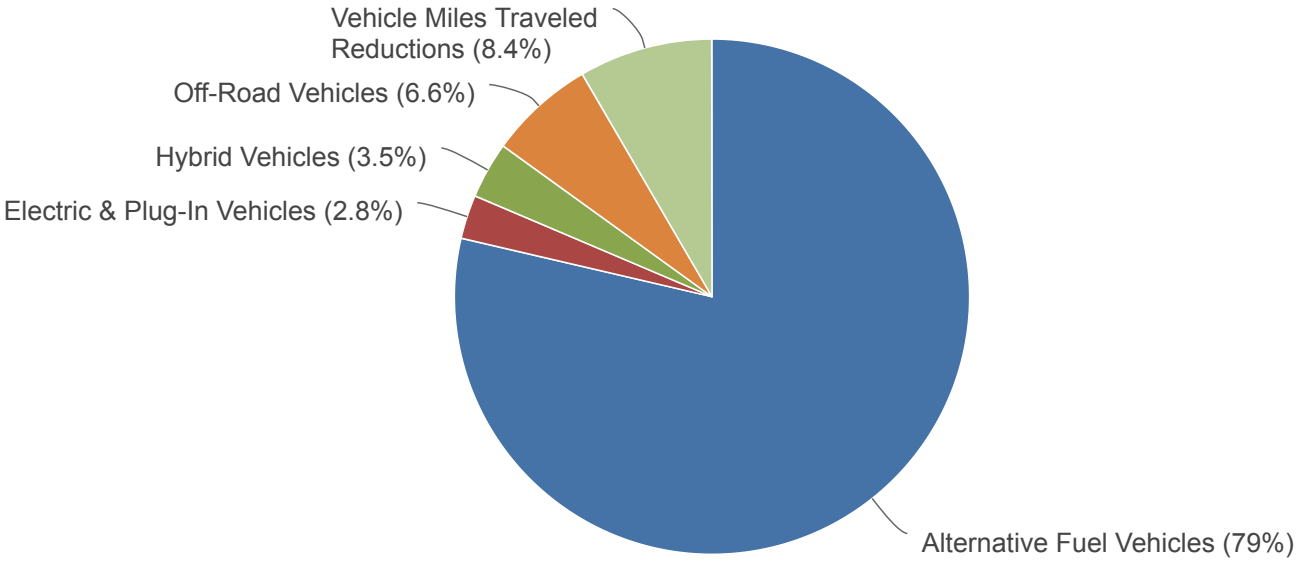
2022 Gallons of Gasoline Equivalent Reduced

2,866,076 gallons

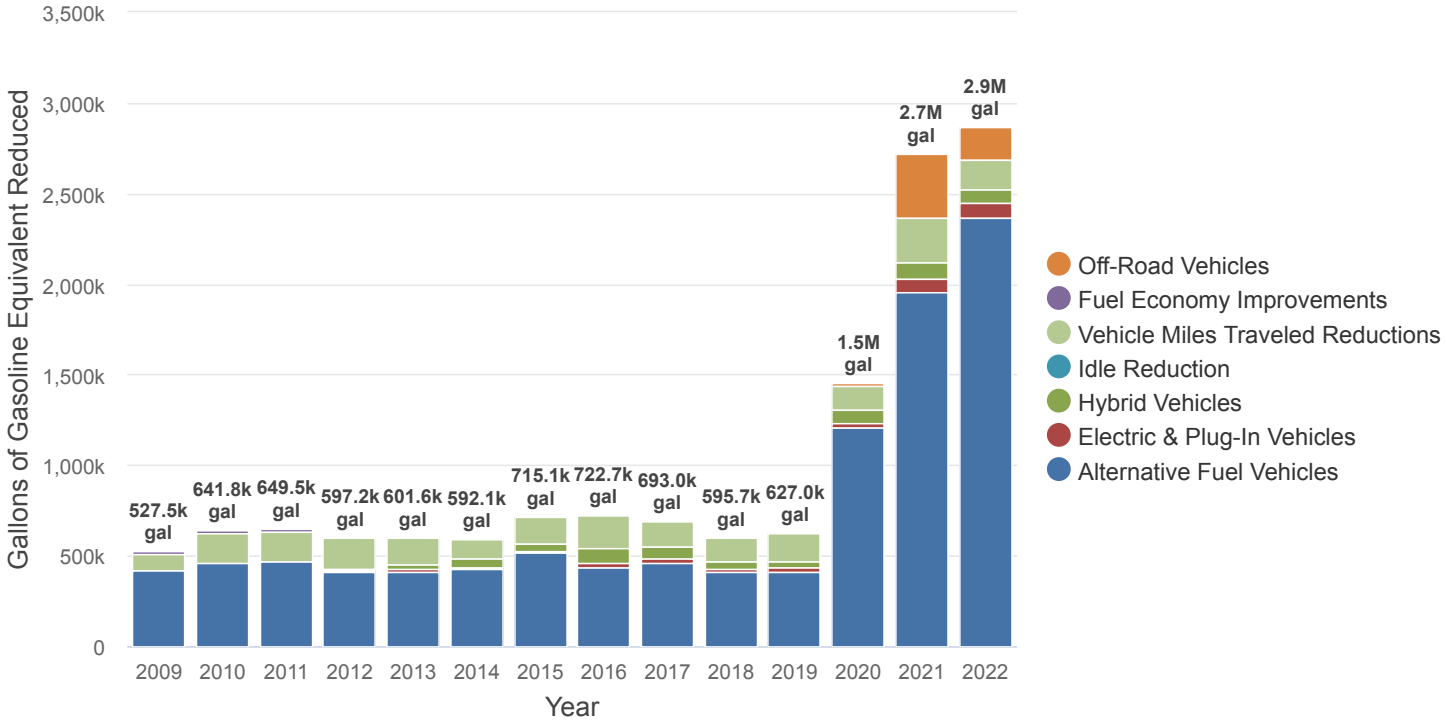


2022 Greenhouse Gas Emissions Reduced

23,893 tons



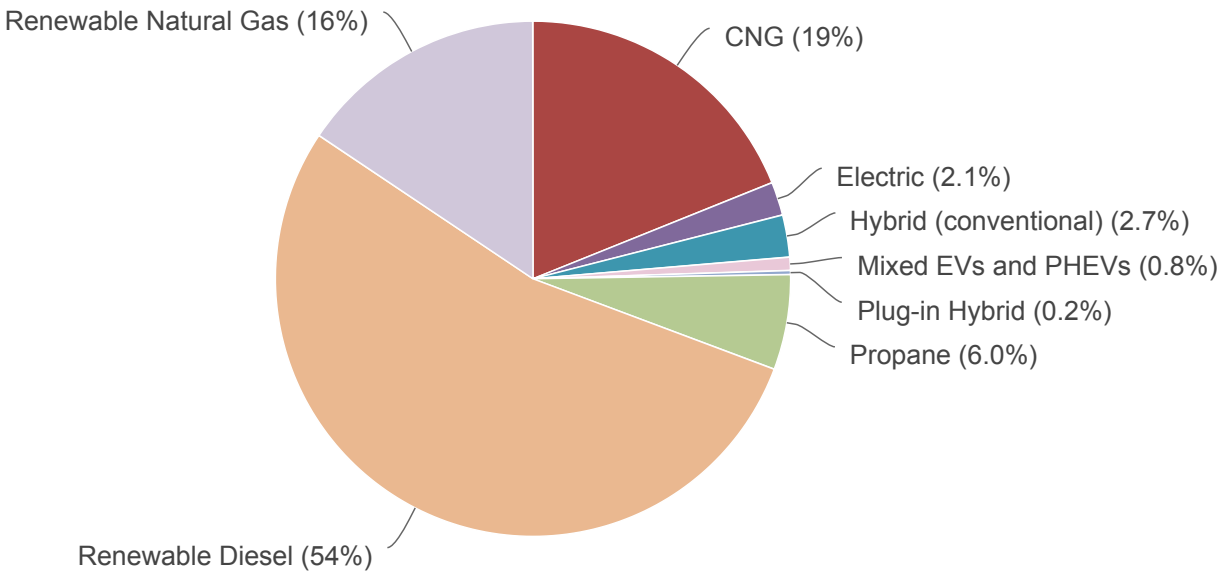
Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced

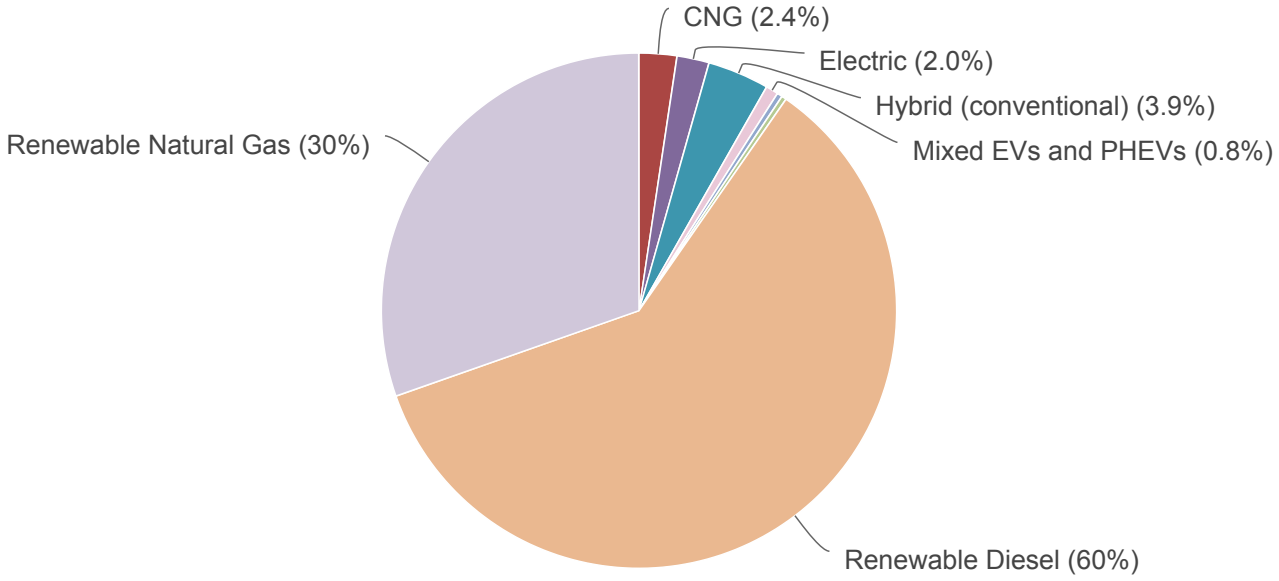
2022 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

2,695,436 gallons



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

21,886 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 - CNG	9,495 lb	638 lb	673 lb	58 lb	32 lb
Alternative Fuel Vehicles - Propane	699 lb	78 lb	433 lb	1 lb	2 lb
Alternative Fuel Vehicles - Renewable Diesel	-26 lb	-3 lb	644 lb	0 lb	0 lb
Alternative Fuel Vehicles - Renewable Natural Gas	7,617 lb	519 lb	516 lb	46 lb	25 lb
Electric, Hybrid & Plug-in Vehicles - EV & PHEV Mixed	3,478 lb	154 lb	307 lb	9 lb	7 lb
Electric, Hybrid & Plug-in Vehicles - Electric	8,741 lb	395 lb	643 lb	28 lb	18 lb
Electric, Hybrid & Plug-in Vehicles - HEV	12,504 lb	572 lb	791 lb	106 lb	43 lb
Electric, Hybrid & Plug-in Vehicles - PHEV	1,034 lb	46 lb	91 lb	8 lb	3 lb
Off-Road Vehicles	773 lb	36 lb	117 lb	1 lb	1 lb
Vehicle Miles Traveled Reductions	26,525 lb	1,178 lb	2,344 lb	230 lb	92 lb
Total:	**70,841 lb**	**3,613 lb**	**6,560 lb**	**487 lb**	**224 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

Central Coast Clean Cities Coalition - CA

https://www.c-5.org

Designated: 08/25/2006
Boundaries: Counties (including tribal lands): San Luis Obispo, Santa Barbara

DIRECTORS

	Address	Telephone	Fax
Alex Economou	260 N San Antonio Rd #A Santa Barbara, CA 93110	805-979-8333	

Number of coalition directors	2
Coalition director(s) hours per week on Clean Cities	20 hours
Other staff hours per week on Clean Cities	10 hours
How long have you been the coalition director?	3 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	66
Number of private stakeholders	20
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, Estimates, 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	$1,135
How much funding is obtained from other sources to cover coalition operating expenses?	$0
Non-DOE or ARRA grant and matching funds spent in 2022	$4,000
Total non-DOE or ARRA funding in 2022	**$5,135**

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Alternative Fueling Station	Heavy-Duty	Renewable Diesel	77	28,717 gal	31,454 gal	285.2 tons
Market: Government - Local **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Alternative Fueling Station	Heavy-Duty	Renewable Natural Gas	84	324,117 GGE	275,499 gal	4,368.2 tons
Renewable natural gas source: Animal waste **Renewable natural gas location:** Off-site **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Local Government	Heavy-Duty	Renewable Diesel	36	110,981 gal	121,559 gal	1,102.3 tons
Market: General/Unknown **Vehicle type:** Truck: Refuse **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Local Government	Heavy-Duty	Renewable Diesel	549	435,298 gal	476,787 gal	4,323.5 tons
Market: Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Local Government	Light-Duty	CNG	3	899 GGE	854 gal	1.6 tons
Market: Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Local Government	Light-Duty	Renewable Diesel	17	3,334 gal	4,382 gal	41.2 tons
Market: Government - Local **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Heavy-Duty	CNG	4	100% of time	926 gal	2.4 tons
Miles traveled per vehicle: 1,702 mi **Average vehicle fuel economy:** 8 MPGde **Market:** General/Unknown **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Heavy-Duty	Propane	36	156,304 gal	98,624 gal	N/A

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
* GHG emissions *for this project* are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.						
Private	Heavy-Duty	Renewable Diesel	27	100% of time	6,696 gal	60.7 tons
Miles traveled per vehicle: 6,793 mi **Average vehicle fuel economy:** 8 MPG **Market:** General/Unknown **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Light-Duty	CNG	17	100% of time	1,331 gal	2.5 tons
Miles traveled per vehicle: 5,804 mi **Average vehicle fuel economy:** 18 MPGge **Market:** General/Unknown **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 25% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Light-Duty	Propane	17	73,810 gal	55,887 gal	88.0 tons
Market: General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Light-Duty	Renewable Natural Gas	6	30,631 GGE	29,099 gal	445.6 tons
Renewable natural gas source: Animal waste **Renewable natural gas location:** Off-site **Market:** General/Unknown **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Light-Duty	Renewable Natural Gas	1	8,970 GGE	8,522 gal	130.5 tons
Renewable natural gas source: Animal waste **Renewable natural gas location:** Off-site **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Schools K-12	Heavy-Duty	CNG	1	236 GGE	241 gal	0.6 tons
Market: General/Unknown **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Schools K-12	Heavy-Duty	CNG	1	100% of time	525 gal	1.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Miles traveled per vehicle: 3,600 mi **Average vehicle fuel economy:** 7 MPGde **Market:** General/Unknown **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Schools K-12	Heavy-Duty	Propane	9	3,486 gal	2,640 gal	4.2 tons
Market: General/Unknown **Vehicle type:** Bus: School **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Schwan's - Medium-duty Propane	Light-Duty	Propane	1	5,045 gal	3,820 gal	6.0 tons
Market: Corporate Fleet **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** Yes **Energy Efficient Mobility Systems Partnership:** No						
Transit	Heavy-Duty	CNG	8	31,546 GGE	32,177 gal	83.1 tons
Market: General/Unknown **Vehicle type:** Bus: Shuttle **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Transit	Heavy-Duty	CNG	63	164,038 GGE	139,432 gal	121.6 tons
Market: General/Unknown **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Transit	Heavy-Duty	Renewable Diesel	125	578,497 gal	633,635 gal	5,745.8 tons
Market: General/Unknown **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Transit	Light-Duty	CNG	8	3,389 GGE	3,220 gal	6.1 tons
Market: General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Transit	Light-Duty	CNG	12	10,328 GGE	9,812 gal	18.7 tons
Market: General/Unknown **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University	Light-Duty	CNG	1	16 GGE	11 gal	0.0 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Market: Government - State **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
University	Light-Duty	CNG	14	2,320 GGE	1,653 gal	3.2 tons
Market: Government - State **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Hauler	Heavy-Duty	CNG	94	752,193 GGE	319,682 gal	278.8 tons
Market: General/Unknown **Vehicle type:** Truck: Refuse **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Waste Hauler	Heavy-Duty	Renewable Natural Gas	18	126,362 GGE	107,408 gal	1,703.0 tons
Renewable natural gas source: Animal waste **Renewable natural gas location:** Off-site **Market:** General/Unknown **Vehicle type:** Truck: Refuse **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Total:			**1,229**		**2,365,876 gal**	**18,791 tons**

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Electric Vehicle Chargers	Light-Duty	EV & PHEV Mixed	111	22,376 gal	173.0 tons
Electricity used: 216,801 kWh **Market:** General/Unknown **Vehicle type:** Unknown/Other **Percentage from coalition:** 84% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Individuals	Light-Duty	Electric	7	3,759 gal	31.7 tons
Average electric fuel economy: 28 kWh/100mi **Miles traveled per vehicle per year:** 12,943 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Individuals	Light-Duty	PHEV	1	144 gal	1.6 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 25 kWh/100mi **Average vehicle fuel economy:** 79 MPG **Miles traveled per vehicle per year:** 5,000 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Local Government	Heavy-Duty	HEV	2	450 gal	5.3 tons
Average vehicle fuel economy: 9 MPG **Miles traveled per vehicle per year:** 7,227 mi **Market:** Government - Local **Vehicle type:** Truck: No Trailer **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Local Government	Light-Duty	Electric	1	279 gal	3.0 tons
Average electric fuel economy: 11 kWh/100mi **Miles traveled per vehicle per year:** 6,200 mi **Market:** Government - Local **Vehicle type:** Low-Speed/Neighborhood **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Local Government	Light-Duty	Electric	122	16,609 gal	139.9 tons
Average electric fuel economy: 28 kWh/100mi **Miles traveled per vehicle per year:** 3,281 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					
Local Government	Light-Duty	Electric	1	256 gal	2.4 tons
Average electric fuel economy: 29 kWh/100mi **Miles traveled per vehicle per year:** 4,500 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					
Local Government	Light-Duty	HEV	22	11,518 gal	135.5 tons
Average vehicle fuel economy: 24 MPG **Miles traveled per vehicle per year:** 10,109 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					
Local Government	Light-Duty	HEV	243	16,269 gal	191.4 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 42 MPG **Miles traveled per vehicle per year:** 3,786 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					
Local Government	Light-Duty	HEV	26	7,086 gal	83.3 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 8,566 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					
Local Government	Light-Duty	PHEV	7	1,238 gal	13.3 tons
Average electric fuel economy: 25 kWh/100mi **Average vehicle fuel economy:** 79 MPG **Miles traveled per vehicle per year:** 4,000 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					
Local Government	Light-Duty	PHEV	32	5,237 gal	57.6 tons
Average electric fuel economy: 25 kWh/100mi **Average vehicle fuel economy:** 79 MPG **Miles traveled per vehicle per year:** 5,666 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					
Private	Light-Duty	Electric	2	129 gal	1.1 tons
Average electric fuel economy: 28 kWh/100mi **Miles traveled per vehicle per year:** 3,110 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Private	Light-Duty	Electric	32	2,241 gal	23.7 tons
Average electric fuel economy: 11 kWh/100mi **Miles traveled per vehicle per year:** 3,110 mi **Market:** General/Unknown **Vehicle type:** Low-Speed/Neighborhood **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Private	Light-Duty	PHEV	1	31 gal	0.3 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average electric fuel economy: 25 kWh/100mi **Average vehicle fuel economy:** 79 MPG **Miles traveled per vehicle per year:** 2,149 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Transit	Heavy-Duty	Electric	17	14,933 gal	95.3 tons
Electricity used: 165,990 kWh **Market:** General/Unknown **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Transit	Heavy-Duty	HEV	17	35,879 gal	426.4 tons
Average vehicle fuel economy: 5 MPG **Miles traveled per vehicle per year:** 15,645 mi **Market:** General/Unknown **Vehicle type:** Bus: Transit **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Transit	Light-Duty	Electric	23	12,319 gal	100.8 tons
Average electric fuel economy: 30 kWh/100mi **Miles traveled per vehicle per year:** 12,908 mi **Market:** General/Unknown **Vehicle type:** Car **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
University	Light-Duty	Electric	23	1,789 gal	15.1 tons
Average electric fuel economy: 28 kWh/100mi **Miles traveled per vehicle per year:** 2,500 mi **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
University	Light-Duty	Electric	25	253 gal	2.7 tons
Average electric fuel economy: 11 kWh/100mi **Miles traveled per vehicle per year:** 300 mi **Market:** Government - State **Vehicle type:** Low-Speed/Neighborhood **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
University	Light-Duty	HEV	2	165 gal	1.9 tons

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 3,465 mi **Market:** General/Unknown **Vehicle type:** Pickup/SUV/Van **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
University	Light-Duty	HEV	9	150 gal	1.8 tons
Average vehicle fuel economy: 40 MPG **Miles traveled per vehicle per year:** 1,350 mi **Market:** Government - State **Vehicle type:** Car **Percentage from coalition:** 75% **National Clean Fleets Partnership:** No **Workplace Charging Challenge:** - **Energy Efficient Mobility Systems Partnership:** No					
Total:			**726**	**153,113 gal**	**1,507 tons**

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Local Government	Other	Alternative fuel or vehicles	Renewable Diesel	182	172,454 gal	1,563.8 tons
Fuel used: 157,447 gal **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Private	Forklifts	Alternative fuel or vehicles	Electric	3	3,993 gal	24.8 tons
Brake horsepower-hours used: 122,820 brake horsepower-hours **Percentage from coalition:** 50% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No						
Total:				**185**	**176,447 gal**	**1,589 tons**

FUEL ECONOMY

Vehicle Miles Traveled Reductions

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Rideshare Programs in Santa Barbara County	Other	Light-Duty	77,559 gal	912.2 tons
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 21 MPG **Number of vehicles driven less:** 1,248 **VMT project per vehicle being driven less:** 1,274 mi **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Rideshare Programs in SLO County	Other	Light-Duty	88,750 gal	1,043.8 tons

Project Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 21 MPG **Number of vehicles driven less:** 1,247 **VMT project per vehicle being driven less:** 1,459 mi **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No *This trip reduction program includes car-sharing, vanpooling, walking, bike riding, and bus trips.*				
SLO Car Free	Other	Light-Duty	4,332 gal	50.9 tons
Fuel type of vehicles driven less: Gasoline **Fuel economy of vehicles driven less:** 21 MPG **Number of vehicles driven less:** 296 **VMT project per vehicle being driven less:** 300 mi **Percentage from coalition:** 100% **National Clean Fleets Partnership:** No **Energy Efficient Mobility Systems Partnership:** No				
Total:			**170,640 gal**	**2,007 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	90	30
EVSE Ports (Chargers): DC Fast Chargers	41	-
Hydrogen	-	-
LNG - Liquefied Natural Gas	-	-
Propane	-	-
Total:	**131**	**30**

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Santa Barbara Earth Day Festival Green Car Show	04/23/2022	Meeting - Other	50%	3,000
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Other *On April 23, 2022, the Community Environmental Council and its partners (including C5) hosted the 2022 Santa Barbara Earth Day Festival and Green Car Show at the Arlington Theater in Downtown Santa Barbara. Several thousand people attended the first in-person Earth Day event since 2019, which featured a Green Car and E-bike Show, nearly 40 booths (including C5's), a variety of speakers, short films, and musical entertainment. The Green Car and E-bike Show featured a variety of alternative fuel vehicles from local organizations, automotive dealers, and local owners, and attracted over 3,000 attendees! C5 staff engaged with festival attendees about alternative fuel vehicles, fueling infrastructure, and additional resources they could access to learn more about Clean Cities and our mission.*				
San Luis Obispo Earth Day EV Showcase and Ride & Drive	04/23/2022	Meeting - Other	50%	1,500

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Technology: Electric vehicles, Hybrid electric vehicles, Hydrogen, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Transit, Other *San Luis Obispo Earth Day EV Showcase and Ride & Drive was held on April 23, 2022, at Laguna Park and was a great success! 22 electric vehicles and an array of electric bikes were exhibited, with test rides available for attendees. C5 staff interacted with attendees about EVs, charging infrastructure, and other EV-related topics!*				
National Drive Electric Week	09/25/2022, 09/27/2022, 09/29/2022, 09/30/2022, 10/01/2022, 10/06/2022	Meeting - Other	50%	900
Technology: Electric vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction **Audience:** Energy and Environmental Justice (EEJ) communities or representative organizations, General Public, Government, Private Fleets, Utility, Other *National Drive Electric Week (NDEW) 2022 took place from September 23 – October 2, 2022. NDEW is a nationwide celebration to raise awareness of the many benefits of all-electric and plug-in hybrid cars, trucks, motorcycles, bikes and more. This year marked the 12th annual National Drive Electric Week, and all national and local events were free to join. C5 coordinated with local partners in San Luis Obispo, Santa Barbara, and Ventura counties to host 5 in-person events and 2 online events.* *Local Events* *9/25: Ventura Harbor EV Showcase* *9/27: Ventura County Government Center EV Ride and Drive* *9/29: SLO Farmer's Market Electrify Your Life Showcase* *9/29: Santa Maria Downtown Fridays EV Showcase* *10/1: SLO EV Ride and Drive* *Online Events* *9/27: Maximizing the Value of Electric Vehicles* *10/6: Electric Vehicle 101 Webinar*				
Leveraging EV Charger Incentives for your Multi-Family Property Webinar	05/24/2022	Meeting - Other	50%	35
Technology: Electric vehicles **Audience:** General Public *Electric Drive 805 (ED805), a coalition of local stakeholders focused on expanding electric vehicles and charging infrastructure across Ventura, Santa Barbara, and San Luis Obispo counties, partnered with Southern California Edison (SCE) to provide a free webinar on May 24, 2022 for multi-family property owners and managers to learn about how to leverage SCE's Charge Ready Program, as well as other local incentives, to help offset the costs to purchase and install EV chargers at multi-family properties. As a member of ED805's Steering Committee, C5 worked with partners to organize the webinar, draft an agenda, develop presentations, and conduct outreach to interested parties.*				
C5 Stakeholder Meeting	01/13/2022	Meeting - Stakeholder	100%	24
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:** Government, Private Fleets, Transit, Other *On January 13, 2022, C5 hosted its annual stakeholder meeting virtually. The meeting began with an overview of C5 and stakeholder updates. Stakeholders shared details about their latest activities and outlined their goals to expand their use of alternative fuels and vehicles. Several coalition updates were covered including C5's 15-year anniversary and official expansion into Santa Barbara County. Stakeholders were also informed of the coalition redesignation process that would take place in 2022. The meeting then featured highlights from 2021 and updates on all the projects C5 was currently working on. The next agenda item was grant updates and featured brief presentations on grant programs from CALeVIP, EnergIIZE, Central Coast Community Energy, and the Bipartisan Infrastructure Bill. The meeting concluded with an overview of the 2022 DOE Cooperative Agreement Tasks and a brainstorming session for C5's 2022 Work Plan.*				
Total:				**5,459**

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
Clean Air Day Microgrant	California Clean Air Day	$1,000	-	$1,000	$1,000	$0	$1,000
Length of grant: 1 years **Year grant began:** 2022 **Sources of the grant:** Foundation or Nonprofit **Partners:** Community Environmental Council, EV Advocates of Santa Barbara County, Santa Barbara County Air Pollution Control District, Sierra Club Santa Barbara – Ventura Chapter, SLO Climate Coalition **Technologies:** Electricity, Vehicle-Miles Traveled Reductions							
Electrify America NDEW 2022 EV Event Funding	Plug In America	$3,000	-	$3,000	$3,000	$0	$3,000
Length of grant: 1 years **Year grant began:** 2022 **Sources of the grant:** Foundation or Nonprofit **Partners:** Community Environmental Council, EV Advocates of Ventura County, San Luis Obispo Air Pollution Control District, Santa Barbara County Air Pollution Control District, SLO Climate Coalition, Ventura County Air Pollution Control District, Ventura County Regional Energy Alliance **Technologies:** Electricity							
Total:		**$4,000**	**$0**	**$4,000**	**$4,000**	**$0**	**$4,000**