

Climate Smart Philipstown

Philipstown Community Survey



Purpose of this community survey: The purpose of this community survey is to measure the "carbon footprint" of the Town of Philipstown. Measuring a "carbon footprint" means estimating how many pounds of greenhouse gases (GHGs), such as carbon dioxide, households in the Town emit into the atmosphere and how many pounds of GHGs households can store in soil. With this data, you can help our Town to develop a "Climate Action Plan" to reduce our collective GHG emissions and make consumption choices that support our local economy.

The Town of Philipstown is a pledged "Climate Smart Community," which is a New York State program that works with municipalities to reduce GHG emissions. One of the activities required of "Climate Smart Communities" is to measure community GHG emissions. The Town is working with the Ecological Citizen's Project and ICLEI, USA to conduct this community survey. You can learn more about the NYS Climate Smart program at <https://climatesmart.ny.gov>.

Eligibility: Households in the Town of Philipstown are eligible to complete this survey. The Town of Philipstown includes households in zip codes 10524 and 10516; Continental Village, Cold Spring, Garrison, Nelsonville and North Highlands. The household respondent must be 18 years or older to complete the survey.

Survey risks and benefits: There are no risks to participating in this community survey. This survey is voluntary and any household in Philipstown, NY, is eligible to participate. There is no penalty for not participating or for withdrawing at any time. The benefit of participating in this survey is that the respondent/household will assist the Town of Philipstown with developing the most appropriate Climate Action Plan.

Confidentiality: The personal information of respondents will be kept confidential. This survey collects a respondent's name and address, which is used to verify residence in the Town of Philipstown. This survey also gives the option for the respondent to provide an email address and phone number, which would be used to contact the respondent with follow-up questions, if applicable. All respondents will be assigned a case number so that personal contact information can be stored separately from survey data. Electronic files are stored on a password-protected computer and all personal contact information is stored in a separate file from survey data. Any paper files are stored in locked filing cabinets, with personal contact information stored separately from survey data. Furthermore, all data will be de-identified and analyzed in the aggregate. Only the principal investigators of the survey will have access to these electronic and paper files. Personal data will never be shared with another organization or entity.

Compensation: Respondents will be entered into a raffle to win prizes from locally-sourced businesses upon completion of the survey.

Contact information: You can contact the principal investigators of the survey at any time before, during, or after survey completion:

Jocelyn Apicello: jocelyn.apicello@ecologicalcitizens.org, 845-514-6543, ecologicalcitizens.org.
Roberto Muller, rafaelsanluissan@gmail.com, climatesmartphilipstown.org.

Where to mail/drop off this survey: You can drop off a completed survey at one of the community drop-off locations: Desmond-Fish Public Library, Julia Butterfield Library, Town of Philipstown Town Hall, Village of Nelsonville Village Hall, Village of Cold Spring Village Hall.

Or you can postal mail a completed survey to the principal investigator:
Attn: Jocelyn Apicello
Ecological Citizen's Project
PO Box 24
Garrison, NY 10524

Statement of consent: I agree to participate in this voluntary survey. I am 18 years or older, am a resident of Philipstown, NY, and have read this consent form and understand the conditions of my participation in the study.

Respondent name (please print): _____

Respondent signature: _____

Date: _____

*** You have the option to complete this survey online at bit.ly/Ptownsurvey or climatesmartphilipstown.org.**

[CONTINUE TO NEXT PAGE TO COMPLETE PAPER VERSION OF THE SURVEY]

Instructions: Please complete one survey per household. The household respondent must be 18 years or older to complete this survey. This survey includes questions about your household and about activities, goods and services related to greenhouse gas (GHG) emissions. This survey will take 15-35 minutes to complete, depending on the household. The responses to this survey will help the Town of Philipstown (1) understand its "carbon footprint" and (2) develop a "climate action plan" to help our Town reduce our emissions and become a Climate Smart Community.

Please remember that the data collected in this survey is only used for the purposes of understanding our Town's carbon footprint. This data will never be shared with any other outside organization or entity. All data are kept confidential, in de-identified files that are password-protected.

Part 1. First, we'd like to ask you about your household vehicle use and travel.

1. Do you own or lease a car?

- No, I don't own or lease a car. → *SKIP TO #3 below.*
- Yes, 1 car.
- Yes, 2 cars.
- Yes, 3 or more cars.

Please complete the following table to tell us a bit more about the car(s) you own or lease.

	Car #1	Car #2	Car #3
2a. What kind of car is it: Gasoline, diesel, hybrid, electric or other?	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Hybrid <input type="checkbox"/> Electric <input type="checkbox"/> Other _____	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Hybrid <input type="checkbox"/> Electric <input type="checkbox"/> Other _____	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Hybrid <input type="checkbox"/> Electric <input type="checkbox"/> Other _____
2b. What is the year of your car?	_____	_____	_____
2c. What is the fuel efficiency of your car? Fuel efficiency means about how miles can you drive on one gallon of fuel.	_____ miles per gallon (MPG) or MPGe	_____ miles per gallon (MPG) or MPGe	_____ miles per gallon (MPG) or MPGe
2d. About how many miles do you drive your car, on average, in a year?	_____ miles per year	_____ miles per year	_____ miles per year

3. Do you or another adult member of your household commute to work outside of your home?

- No → *SKIP TO #7 below.*
- Yes

4a. How do *you* commute to work? (select the primary mode, the one that constitutes the majority of your commute time)

- I don't commute outside of my home.
- Car/drive alone
- Carpool with at least 1 other person
- Train/rail
- Bus
- Bike
- Walk
- Boat
- Other _____

5a. Which car is *your* primary car for commuting?

- I don't commute by car.
- Car #1
- Car #2
- Car #3

6a. What is *your* round-trip commute in miles traveled per week?

_____ miles round-trip per week

4b. How does *the other adult in your household* commute to work? (select the primary mode, the one that constitutes the majority of the commute time)

- No other adult commutes outside of our home.
- Car/drive alone
- Carpool with at least 1 other person
- Train/rail
- Bus
- Bike
- Walk
- Boat
- Other _____

5b. Which car is their primary car for commuting?

- They don't commute by car.
- Car #1
- Car #2
- Car #3

6b. What is their round-trip commute in miles traveled?

_____ miles round-trip

7. Are you considering purchasing a new vehicle in the next year, and if so, which type?

- No, I am not considering purchasing a new vehicle.
- Yes, gasoline
- Yes, diesel
- Yes, hybrid
- Yes, electric
- Yes, other _____

8. Has anyone in your household traveled by airplane in the past year?

- No → *SKIP TO PART 2 below.*
- Yes

Please tell us how many air travel trips were “short-haul,” “medium-haul,” or “long-haul” trips.

	9a. Short-haul trips (<300 miles)	9b. Medium-haul trips (300-2,300 miles)	9c. Long-haul trips (>2,300 miles)
How many air travel trips in the past year were.... (count each trip per person in your household)	_____ <i>(please specify number)</i>	_____ <i>(please specify number)</i>	_____ <i>(please specify number)</i>

[PLEASE CONTINUE TO THE NEXT PART ON NEXT PAGE]

Part 2. Next we'd like to ask you about your household's purchases of different goods and services in Philipstown.

10. Have you renovated your home in Philipstown in the past year?

- No → *SKIP TO #13 below.*
- Yes

11. How confident are you that your contractor secured locally-sourced concrete (i.e., from Mid-Hudson Concrete) for these renovations?

- No concrete was used
- Very unconfident
- Unconfident
- Unsure/Don't know
- Confident
- Very confident

12. How confident are you that your contractor secured locally-sourced lumber for these renovations?

- No lumber was used
- Very unconfident
- Unconfident
- Unsure/Don't know
- Confident
- Very confident

13. Do you or the landscaping company you hire/contract with use gas-powered tools? (*select all that apply*)

- No, no gas-powered tools are used/I don't do any landscaping/I don't hire a landscaping company
- Yes, lawnmower
- Yes, snowblower
- Yes, leaf blower
- Yes, weed whacker
- Yes, other gas-powered tool(s) _____

14. Do you or the landscaping company you hire/contract with use inorganic fertilizers, pesticides, herbicides or fungicides (e.g., RoundUp, etc.)? This also includes pest control services you might hire/contract with to control ticks/mosquitoes/etc. (*select all that apply*)

- No, we use no inorganic products/I don't do any landscaping/I don't hire a landscaping company
- Yes, inorganic fertilizers
- Yes, inorganic pesticides
- Yes, inorganic herbicides
- I don't know if the products we use are inorganic.

15. Do you or the landscaping company you hire/contract with use certified organic or otherwise organic fertilizers, pesticides, herbicides or fungicides (e.g., manure, compost, etc.) This also includes pest control services you might hire/contract with to control ticks/mosquitoes/etc. (*select all that apply*)

- No, we use no organic products/I don't do any landscaping/I don't hire a landscaping company
- Yes, organic fertilizers
- Yes, organic pesticides
- Yes, organic herbicides
- I don't know if the products we use are organic.

16. What is the area of land managed with products and services listed above, in acres (if none, write zero)?

_____ acres

Next are some questions about food that you consume in your household in Philipstown.

17. How many people in your household are vegetarians? A vegetarian is someone who does not eat meat.

- 0
- 1
- 2
- 3
- 4
- 5 or more

18. How many people in your household are vegans? A vegan is someone who does not eat any animal products, including eggs or dairy.

- 0
- 1
- 2
- 3
- 4
- 5 or more

Please complete the table on the next page. We ask about different food types you might eat in your household. Sometimes it is difficult to estimate "servings" so please use the guides in the columns below. It can also be difficult to estimate when the members of your household eat different things. For example, if one adult is a vegetarian, the other adult typically eats meat at lunch and dinner and the child eats only a small portion of meat throughout the day, you could estimate the number of servings of meat per person in your household as 2.5 (0 for the adult vegetarian, 2 for the adult who eats meat and 0.5 for the child).

Food type	How many servings of the food type does each person in your household eat daily, on average?	What is the breakdown of the type of food your household consumed, on average, over the past year? Please estimate percentages and sum should equal 100%	Where do you buy the majority (>50%) of this food product? (select only one option)
Meat	_____ servings per person/day [A serving of meat is 3 ounces cooked]	_____% Beef _____% Other ruminants (lamb, goat) _____% Pork _____% Chicken and other poultry _____% Fish, seafood	<input type="checkbox"/> Supermarket <input type="checkbox"/> Local store that sells locally-sourced meat (e.g., butcher) <input type="checkbox"/> Farmers market <input type="checkbox"/> Local farm <input type="checkbox"/> Self <input type="checkbox"/> I don't buy meat <input type="checkbox"/> Other _____
Dairy (including milks, yogurts and cheeses; does not include non-dairy milks, like soy or almond milk)	_____ servings per person/day [A serving of dairy is 1 cup milk, 1 cup yogurt, 1.5 oz cheese]	_____% Cow _____% Other ruminant (e.g., goat, sheep)	<input type="checkbox"/> Supermarket <input type="checkbox"/> Local store that sells locally-sourced dairy <input type="checkbox"/> Farmers market <input type="checkbox"/> Local farm <input type="checkbox"/> Self <input type="checkbox"/> I don't buy dairy <input type="checkbox"/> Other _____
Vegetables	_____ servings per person/day [A serving of vegetables is 1 cup raw or cooked or 2 cups leafy greens]	[intentionally left blank]	<input type="checkbox"/> Supermarket <input type="checkbox"/> Local store that sells locally-grown produce <input type="checkbox"/> Farmers market <input type="checkbox"/> Local farm <input type="checkbox"/> Self <input type="checkbox"/> I don't buy vegetables <input type="checkbox"/> Other _____
Snack foods (e.g., processed foods that are packaged in bags or boxes and are not intended as meals, including chips, crackers, cookies, bars, gummies, etc.)	_____ servings per person/day	_____% Organic snacks _____% Non-organic snacks _____% Other	<input type="checkbox"/> Supermarket <input type="checkbox"/> Local store that sources locally-produced snack foods <input type="checkbox"/> Self <input type="checkbox"/> I don't buy snack foods <input type="checkbox"/> Other _____

20. About what percentage of food in your household is wasted (i.e., does not get eaten)?

- <10%
- 11-20%
- 21-30%
- 31-40%
- >50%

21. What does your household do with the food you do not eat? (*select all that apply*)

- Food waste goes in the garbage
- Food waste gets composted
- Food waste gets fed to pets or other animals
- Other _____

22. About what percentage of your household trash do you recycle? (e.g., paper/cardboard, glass, cans, plastics)

- <10%
- 11-20%
- 21-30%
- 31-40%
- >40%

Next we'd like to ask some questions about expenditures for some other household goods in Philipstown.

23. How much do you spend per year, on average, on clothing for your household?

_____ \$/year

24. How much do you spend per year, on average, on appliances (e.g., refrigerators, ovens, washers, dryers, microwaves) for your household?

_____ \$/year

25. How much do you spend per year, on average, on furniture for your household?

_____ \$/year

26. How often do you purchase used clothing from a second-hand store, or otherwise used by someone else?

- Almost always
- Often
- Unsure
- Seldom
- Never

27. How often do you purchase used appliances from an antique store, second-hand store, or otherwise used by someone else?

- Almost always
- Often
- Unsure
- Seldom
- Never

28. How often do you purchase used furniture from an antique store, second-hand store, or otherwise used by someone else?

- Almost always
- Often
- Unsure
- Seldom
- Never

Next we are going to ask you about where you buy various household goods the majority (>50%) of the time: within Philipstown; outside of Philipstown at a small or locally-owned store; outside of Philipstown at a big-box or other chain store; online or other web-based stores/services; or other?

Household good/item	Where do you buy these household goods/items the majority (>50%) of the time? <i>Select only one source category for each household good/item</i>				
	Within Philipstown	Outside of Philipstown, small or locally-owned store	Outside of Philipstown, at a big-box store or other chain store	Online or web-based stores/services	Other (<i>please specify</i>)
29. Food	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
30. Personal care products (e.g., soap, deodorant, toothpaste)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
31. Cleaning products (e.g., detergent)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
32. Hardware or home improvement materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
33. Gifts for others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

34. Have you purchased a new cell phone in the past year?

- No → *SKIP TO #36 below*
- Yes, 1 phone
- Yes, 2 or more phones

35. How did you dispose of your old cell phone?

- I didn't need to dispose of one/I still have it
- The store/company took it back
- I donated it
- I threw it in the trash for trash pick-up.
- I brought it to the local trash collection service to dispose it
- Other _____

36. Have you purchased a new refrigerator or freezer in the past year?

- No → *SKIP TO #38 below*
- Yes

37. How did you dispose of your old refrigerator or freezer?

- I didn't need to dispose of one/I still have it
- The store/company took it back
- I donated it
- I threw it in the trash for trash pick-up
- I brought it to the local trash collection service to dispose it
- Other _____

38. Have you purchased a new air conditioning unit in the past year?

- No → *SKIP TO #40 below*
- Yes, a stand-alone AC unit (e.g., window unit, mobile unit)
- Yes, a central air system
- Yes, a heat pump system
- Yes, Other _____

39. How did you dispose of your old air conditioning unit?

- I didn't need to dispose of one/I still have it
- The store/company took it back
- I donated it
- I threw it in the trash for trash pick-up
- I brought it to the local trash collection service to dispose it
- Other _____

40. Have you ever participated in a "carbon offset" program, where you can pay a company to offset your personal carbon emissions?

- No
- Yes
- I'm not sure

41. Have you ever participated in a "tree planting" program, where you can pay a company to plant trees to offset your personal carbon emissions?

- No
- Yes
- I'm not sure

Next we ask some questions about your household's electricity and home heating.

42. Do you have a solar array or solar panels installed on your property in Philipstown?

- No → *SKIP TO #44 below*
- Yes, on the roof
- Yes, mounted on the land
- Yes, other place _____

43. How many kilowatt-hours (kWh) of electricity is produced through your solar array annually?

_____ kWh

44. How is your home heated in Philipstown (*select all that apply*)?

- Oil
- Propane
- Wood
- Wood pellets
- Heat pumps
- Kerosene
- Natural gas
- Electric space heaters
- Electric baseboard heating
- Other _____

45. What is your primary source of heat (*select only one*)?

- Oil
- Propane
- Wood
- Wood pellets
- Heat pumps
- Kerosene
- Natural gas
- Electric space heaters
- Electric baseboard heating
- Other _____

46. How many gallons of liquid fuel (e.g., oil, propane, kerosene) does your household consume in one heating season, from October through May?

- None
_____ gallons

47. How many cords of wood or pounds of wood pellets does your household consume in one heating season, from October through May? A cord of wood is 4ft x 4ft x 8ft.

- None
_____ cords or pounds

48. Do you intend to replace your current heating equipment, including your furnace or boiler, within the next five years?

- No → *SKIP TO Part 3.*
- Maybe
- Yes, definitely

49. What type of heating system would you most likely convert to?

- Oil
- Propane
- Wood
- Wood pellets
- Heat pumps
- Kerosene
- Natural gas
- Electric space heaters
- Electric baseboard heating
- Other _____

[PLEASE CONTINUE TO THE NEXT PART ON THE NEXT PAGE]

Part 3. Now we'd like to ask for some basic household information, including some demographic information.

50. What is the square footage of the home you currently live in, in Philipstown?

_____ square feet

51. Do you rent or own your home in Philipstown?

- Rent
- Own

52. About what percent of the calendar year do you live in Philipstown?

_____ %

53. How many people live in your household for at least 50% of the calendar year?

- None of us live in this home for at least 50% of the year. → *SKIP TO #55 below*
- 1 person
- 2 people
- 3 people
- 4 people
- 5 people
- 6 people
- 7 or more people

54. Who lives in your household for at least 50% of the calendar year (*select all that apply*)?

- None of us live in this home for at least 50% of the year.
- Self
- Your partner/spouse/wife/husband
- Your children
- Other relatives
- Other non-relatives

55. What is your annual household income?

- < \$25,000
- \$25,001-\$50,000
- \$50,001-\$75,000
- \$75,001-\$100,000
- \$100,001-\$125,000
- \$125,001-\$150,000
- \$150,001-\$175,000
- \$175,001-\$200,000
- >\$200,000
- I prefer not to say.

56. How long has your household lived in this home in Philipstown?

- <1 year
- 1-2 years
- 3-4 years
- 5-6 years
- 7+ years

57. What is *your* age in years (the age of the person completing this survey)?

_____ years

58. What is *your* highest level of education (the education of the person completing this survey)?

- No high school diploma or GED
- High school diploma or GED
- Associates degree
- Bachelors degree
- Masters or other advanced degree
- I prefer not to say.

59. What is *your* gender identity (the gender identity of the person completing this survey)?

- Female
- Male
- Transgender
- Other
- I prefer not to say.

[PLEASE CONTINUE TO THE NEXT PART ON THE NEXT PAGE]

Part 4. In order to determine if this survey represents the views of residents with a diversity of viewpoints, we would like to ask your opinion about environmental issues in general. Please indicate whether you strongly agree, agree, are unsure, disagree, or strongly disagree with the following statements.

How strongly do you agree or disagree with the following statements...?	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
1. I am concerned about global climate change.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Global climate change will impact future generations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The actions of individuals can make a positive difference in global climate change.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Human activities cause global climate change.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Climate change has a negative effect on our lives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. I can do my part to make the world a better place for future generations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Knowing about environmental problems and issues is important to me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. I think most of the concerns about environmental problems have been exaggerated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[PLEASE CONTINUE TO THE NEXT PART ON THE NEXT PAGE]

Part 5. Finally, we'd like to collect contact information. We collect name and address to verify Philipstown residency. We also give the option for you to provide an email address and phone number so we can contact you with any follow-up questions. All personal information is confidential and saved in password-protected electronic files and in locked filing cabinets; survey data will be de-identified and analyzed only in the aggregate. Only the survey researchers will have access to the data.

(required) Full name of respondent (first and last) _____

(required) Street address in Philipstown _____

Apartment/floor number _____

(required) Town/State/ZIP _____

The below are *optional*:

Primary email address: _____

Secondary email address: _____

Primary phone number: _____

Secondary phone number: _____

Alternate contact name (someone living in your household) _____

Alternate's primary email address: _____

Alternate's primary phone number: _____

- Yes, I would like to be contacted in the future to participate in a follow-up survey that is similar to this one.
- Yes, I would like to be contacted with results from this survey.

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Thank you for your participation in this community survey. This survey was sponsored by the Town of Philipstown's Climate Smart Community task force and the Ecological Citizen's Project.

**Where to mail/drop off this survey:** You can drop off a completed survey at one of the community drop-off locations: Desmond-Fish Public Library, Julia Butterfield Library, Town of Philipstown Town Hall, Village of Nelsonville Village Hall, Village of Cold Spring Village Hall, or postal mail to: Attn: Jocelyn Apicello, Ecological Citizen's Project, PO Box 24, Garrison, NY 10524.