

# PittsburghTODAY

## Environment Survey

### General

GEN1. How would you rate the overall quality of the environment in our region?

1. Excellent
2. Very Good
3. Good
4. Fair
5. Poor
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN2. Would you say that overall environmental quality in our region is...

1. Improving significantly
2. Improving somewhat
3. Remaining the same
4. Getting somewhat worse
5. Getting significantly worse
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN3. How would you rate the overall quality of public recreational areas in the region, such as parks, trails and playgrounds?

1. Excellent
2. Very Good
3. Good
4. Fair
5. Poor
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN4. How important do you believe the quality of the region's environment is to the region's economic future?

1. Very important
2. Somewhat important
3. Not important
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN5. In general, how knowledgeable do you feel you are about environmental issues such as air quality and water quality?

1. Extremely knowledgeable
2. Somewhat knowledgeable
3. Not knowledgeable
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN6. Thinking about the environmental movement, do you think of yourself as...

1. An active participant in the environmental movement
2. Sympathetic towards the movement, but not active
3. Neutral
4. Unsympathetic towards the environmental movement
8. DON'T KNOW / NO OPINION
9. REFUSED

GEN7. All in all, how good a job would you say you, personally, are doing in protecting the environment?

1. Excellent
2. Good
3. Only fair
4. Poor
8. DON'T KNOW / NO OPINION
9. REFUSED

### **Air Quality**

READ. Now, I'd like to ask you some questions about air quality. Remember, there are no right or wrong answers.

AIR1. Would you say that air quality in your community is a...

1. Severe problem
2. Moderate problem
3. Minor problem
4. Not a problem at all
8. DON'T KNOW / NO OPINION
9. REFUSED

AIR2. Do you think that air quality regulations in the region are...

1. Too stringent
2. About stringent enough
3. Not stringent enough
8. DON'T KNOW / NO OPINION
9. REFUSED

AIR3. In order to improve regional air quality, would you support any of the following? (CHECK ALL THAT APPLY)

1. Increased government support for mass transportation
2. Greater emissions control of local factories and industry
3. Greater emissions control on coal-fired power plants
4. Greater restrictions on wood burning
5. NONE SELECTED

## Water

WATER1. How about the quality of your drinking water? Would you say it's a...

1. Severe problem
2. Moderate problem
3. Minor problem
4. Not a problem at all
8. DON'T KNOW / NO OPINION
9. REFUSED

WATER2. How about pollution in streams and rivers? Would you say it's a...

1. Severe problem
2. Moderate problem
3. Minor problem
4. Not a problem at all
8. DON'T KNOW / NO OPINION
9. REFUSED

WATER3. To what extent is sewage run-off into rivers and streams a problem in your community? Would you say it's a...

1. Severe problem
2. Moderate problem
3. Minor problem
4. Not a problem at all
8. DON'T KNOW / NO OPINION
9. REFUSED

WATER4. What is the source of your household water?

1. Public
2. Private/Well
3. Other (SPECIFY)
8. DON'T KNOW / NO OPINION
9. REFUSED

WATER5. We realize you may not know your personal daily water consumption/usage exactly, but if you had to guess, what would you estimate it to be?

1. 25 gallons per day or less
2. between 26 and 50 gallons per day
3. between 51 and 75 gallons per day
4. between 76 and 100 gallons per day
5. More than 100 gallons per day
8. DON'T KNOW / NO OPINION
9. REFUSED

WATER6. In your opinion, does the state adequately monitor streams and creeks for possible contaminants?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

## Behaviors

READ: Now we'd like to ask you about household practices regarding energy and water usage. Please remember to answer as honestly and accurately as you can.

BEH1. During winter months, at what temperature do you set your thermostat, on average? \_\_\_\_\_  
(Note: If the respondent indicates that he/she does not have a thermostat, the program will skip to BEH6.)

BEH2. During winter months, do you turn down your heat or set your thermostat at a lower temperature during hours when you're asleep or not at home?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH3. During summer months, at what temperature do you set your thermostat for air conditioning, on average? \_\_\_\_\_  
(Note: If the respondent indicates that he/she does not have air conditioning, the program will skip to BEH5.)

BEH4. During summer months, do you turn down your air conditioning during hours when you're asleep or not at home?

1. YES
2. NO
3. DON'T HAVE AIR CONDITIONING
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH5. Do you have a thermostat that automatically reduces heating or air conditioning during certain times of the day?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH6. Do you currently take steps to minimize your use of water, for example, taking shorter showers, not watering the lawn, etc.?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH7. In the past 12 months have you reduced your number of car trips by walking, cycling, carpooling or using public transportation?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

- BEH8. In the past 12 months have you recycled electronic items such as computers, mobile phones, batteries, etc.?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH9. Do you typically turn off lights and electronics in unoccupied rooms?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH10. In the past 12 months have you purchased energy-saving light bulbs?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH11. In the past 5 years have you upgraded to energy-saving appliances in the home?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH12. Have you ever had a home energy audit conducted?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH13. In the past 5 years have you made your home more energy efficient by installing new windows, insulation, solar panels, etc.?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED
- BEH14. Do you regularly recycle newspaper, glass, or plastic?
1. YES
  2. NO
  8. DON'T KNOW / NO OPINION
  9. REFUSED

BEH15. How often do you go to recreational areas in the region, such as parks, trails and playgrounds?

1. Never
2. 1-5 times/year
3. 6-10 times/year
4. 11-20 times/year
5. More than 20 times/year
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH16. How frequently do you participate in recreational activities on regional streams, rivers and lakes?

1. Never
2. 1- 5 times/year
3. 6-10 times/year
4. 11-20 times/year
5. More than 20 times/year
8. DON'T KNOW / NO OPINION
9. REFUSED

BEH17. Do you have a hunting or fishing license?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

### **Transportation**

READ: Now we have some transportation-related questions.

TRANS1. First, do you work outside of the home?

1. YES
2. NO → skip to TRANS4
8. DON'T KNOW / NO OPINION → skip to TRANS4
9. REFUSED → skip to TRANS4

TRANS2. How do you usually get to work?

1. Private car, truck, or van
2. Public transit
3. Motorcycle
4. Bicycle or walking
5. Other (specify)
8. DON'T KNOW / NO OPINION
9. REFUSED

TRANS3. How long is your average 1-way commute to work in minutes? \_\_\_\_\_

TRANS4.

*For workers:* How do you usually get around for non-work activities such as shopping, doctor's appointments, etc.?

*For non-workers:* How do you usually get around for activities such as shopping, doctor's appointments, etc.?

1. Private car, truck, or van
2. Public transit
3. Motorcycle
4. Bicycle or walking
5. Other (specify)
8. DON'T KNOW / NO OPINION
9. REFUSED

TRANS5. To what degree, if at all, do you believe that urban sprawl is a problem in the region?

1. To a great degree
2. To some degree
3. Sprawl is not a problem
8. DON'T KNOW / NO OPINION
9. REFUSED

**Miscellaneous**

READ: Next I'd like to ask for your opinion concerning who you think should be responsible for solving environmental problems in the region. Please indicate how strongly you agree or disagree with the following statements.

MISC1. "Business and Industry should be responsible for solving environmental problems in the region." Would you say you...

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC2. "Government should be responsible for solving environmental problems in the region." Would you say you...

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC3. "Individual citizens should be responsible for solving environmental problems in the region." Would you say you...

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC4. Do you feel that state government oversight of the environment should...

1. Increase significantly
2. Increase somewhat
3. Remain the same
4. Decrease somewhat
5. Decrease significantly
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC5. Do you believe that environmental regulations...

1. Weaken the economy by decreasing jobs and industry
2. Strengthen the economy by increasing jobs and industry
3. Have minimal effect on the economy, jobs and industry
8. DON'T KNOW / NO OPINION
9. REFUSED

*(skipped if person is not employed)*

MISC6. Do you believe that increased environmental regulations would threaten your job?

1. YES
2. NO
8. DON'T KNOW / NO OPINION
9. REFUSED

*(ask 2 versions of this question to randomize order)*

MISC7A & MISC7B. With which one of these statements about the environment and energy production do you most agree – Protection of the environment should be given priority, even at the risk of limiting the amount of energy supplies, such as oil, gas, and coal, which the United States produces (or) development of U.S. energy supplies, such as oil, gas, and coal, should be given priority, even if the environment suffers to some extent?

1. PROTECTION OF THE ENVIRONMENT SHOULD BE GIVEN PRIORITY
2. DEVELOPMENT OF U.S. ENERGY SUPPLIES SHOULD BE GIVEN PRIORITY
3. BOTH EQUALLY
8. DON'T KNOW / NO OPINION
9. REFUSED

READ: Next I'm going to read some specific proposals. For each one, please say whether you generally favor or oppose it.

MISC8. More strongly enforcing federal environmental regulations. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC9. Setting higher auto emissions standards for automobiles. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC10. Imposing mandatory controls on carbon dioxide emissions and other greenhouse gases. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC11. Spending more government money on developing solar and wind power. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC12. Setting higher fuel efficiency standards for automobiles. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC13. Providing tax deductions to Americans who spend money to increase the energy efficiency of their homes. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC14. Providing tax deductions to Americans who place their land into conservation programs. [Do you generally favor or oppose this?]

1. FAVOR
2. OPPOSE
8. DON'T KNOW / NO OPINION
9. REFUSED

*(ask 2 versions of this question to randomize order)*

MISC15A & MISC15B. With which one of these statements about the environment and the economy do you most agree – protection of the environment should be given priority, even at the risk of curbing economic growth (or) economic growth should be given priority, even if the environment suffers to some extent?

1. PROTECTION OF THE ENVIRONMENT SHOULD BE GIVEN PRIORITY
2. ECONOMIC GROWTH SHOULD BE GIVEN PRIORITY
3. BOTH EQUALLY
8. DON'T KNOW / NO OPINION
9. REFUSED

READ: I'd like to switch gears and ask you a couple questions about global climate change.

MISC16. To what extent, if any, is climate change a problem? Do you think it's a...

1. Severe problem
2. Moderate problem
3. Minor problem
4. Not a problem at all
8. DON'T KNOW / NO OPINION
9. REFUSED

*(ask 2 versions of this question to randomize order)*

MISC17A & MISC17B. From what you have heard or read, do you believe increases in the Earth's temperature over the last century are due more to – the effects of pollution from human activities (or) natural changes in the environment that are not due to human activities?

1. HUMAN ACTIVITIES
2. NATURAL CAUSES
3. BOTH EQUALLY
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC18. Do you think environmental problems are something you personally can...

1. Do a lot about
2. Do a little about
3. Do nothing about
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC19. What conservation issue is of greatest concern to you?

1. Land acquisition and protection
2. River and stream restoration
3. Wildlife habitat
4. Protection of scenic views
5. Other (please specify)
6. DON'T KNOW / NO OPINION
7. REFUSED

MISC20. How much progress do you think has been made in dealing with environmental problems over the past twenty years? Would you say there has been...

1. A great deal of progress
2. Only some progress
3. Hardly any progress at all
8. DON'T KNOW / NO OPINION
9. REFUSED

MISC21. What is the primary source of electricity used in the region?

1. Nuclear power
2. Hydroelectricity
3. Fossil fuels such as oil and coal
4. Natural gas
5. Wind and solar energy
8. DON'T KNOW / NO OPINION
9. REFUSED

## Shale

READ. Now I'll ask some questions about the Marcellus Shale.

SHALE1. To what extent do you think the Marcellus Shale represents an economic opportunity for this region? Do you think it represents....

1. A significant economic opportunity
2. A moderate economic opportunity
3. Only a slight economic opportunity
4. Very little or no economic opportunity
8. DON'T KNOW / NO OPINION
9. REFUSED

SHALE2. To what extent do you think the Marcellus Shale represents a threat to the environment and public health of the region? Do you think it represents....

1. A significant threat
2. A moderate threat
3. Only a slight threat
4. Very little or no threat
8. DON'T KNOW / NO OPINION
9. REFUSED

SHALE3. Do you favor allowing the use of the hydrofracturing technique, also called fracking, to occur in state parks, wildlife and nature reserves and state game commission lands?

1. YES
2. NO
8. DON'T KNOW / UNDECIDED
9. REFUSED

SHALE4. Do you believe Marcellus Shale gas drilling operations should be required by law to disclose to the public all of the chemicals used in fracking or brought to the surface as a result of shale gas drilling operations?

1. YES
2. NO
8. DON'T KNOW / UNDECIDED
9. REFUSED

SHALE5. Considering everything, how do you feel about natural gas extraction from the Marcellus Shale region? Do you...

1. Strongly oppose
2. Somewhat oppose
3. Neither oppose nor support
4. Somewhat support
5. Strongly support
8. DON'T KNOW / NO OPINION
9. REFUSED

SHALE6. Do you believe that increasing reliance on natural gas is...

1. Better for the environment than coal and oil
2. Worse for the environment than coal and oil
3. Is neither better nor worse for the environment than coal and oil
8. DON'T KNOW / NO OPINION
9. REFUSED

### **Demographics**

READ. To finish, I have a few questions for statistical purposes.

SEX. INTERVIEWER: RECORD PERSON'S SEX

1. MALE
2. FEMALE

AGE. What is your age now? (IN YEARS) \_\_\_\_\_

MARSTAT. What is your current marital status? Are you...

1. Married or living as married
2. Divorced or separated
3. Widowed
4. Single, never married
8. DON'T KNOW
9. REFUSED

RACE. What is your race? (CHECK ALL THAT APPLY)

1. Caucasian or White
2. Asian or Pacific Islander
3. Native American
4. Black or African-American
5. OTHER (SPECIFY)
6. DON'T KNOW
7. REFUSED

EDUC. What is the highest level of education you have completed? DO NOT READ RESPONSES

01. Eighth grade or less
02. Some high school
03. High school graduate or GED
04. Some college, no degree
05. Associate's degree, occupational
06. Associate's degree, academic
07. Bachelor's degree
08. Master's degree
09. Professional degree
10. Doctoral degree
88. DON'T KNOW
99. REFUSED TO ANSWER

INCOME. Which of the following best describes your household's total yearly income? Please stop me when I get to the category that applies to you.

1. Under \$25,000
2. \$25,000 to just under \$50,000
3. \$50,000 to just under \$75,000
4. \$75,000 to just under \$100,000
5. \$100,000 to just under \$150,000
6. \$150,000 or more
8. DON'T KNOW
9. REFUSED TO ANSWER

*(question asked of Allegheny County residents only)*

CITY. Do you live within the city limits of the city of Pittsburgh?

1. YES
2. NO
8. DON'T KNOW
9. REFUSED

SWPA. How many years have you lived in the Southwestern Pennsylvania region? \_\_\_\_\_

POLPRTY. Generally speaking, do you consider yourself a Democrat, a Republican, an independent, or something else?

1. DEMOCRAT
2. REPUBLICAN
3. INDEPENDENT
4. OTHER (SPECIFY)
8. DON'T KNOW
9. REFUSED

HHNUM. Including you, how many people currently live in your household? \_\_\_\_\_

*(asked if more than 1 person in HH)*

HHADLTS. Including you, how many adults, age 18 and older, currently live in your household? \_\_\_\_\_

## QUESTIONS FOR STATISTICAL WEIGHTING (LANDLINE STUDY)

HAVECELL. Is this landline phone your only phone or do you also have a cell phone? By cellular telephone, we mean a telephone that is mobile and usable outside of your neighborhood.

1. Landline phone is only phone → skip to GEOG1
2. Also have a cell phone
8. DON'T KNOW → skip to GEOG1
9. REFUSED TO ANSWER → skip to GEOG1

USEMOST. Of all the telephone calls that you receive, are...

1. All or almost all calls received on a cell phone
2. Some calls received on a cell phone and some received on regular landline phone
3. Very few or no calls received on a cell phone
8. DON'T KNOW
9. REFUSED TO ANSWER

## QUESTIONS FOR STATISTICAL WEIGHTING (CELL STUDY)

HAVELL. Is this cell phone your only phone or do you have a regular landline telephone at your residence? By regular landline telephone, we mean a telephone in a home that is connected to outside telephone lines through a cable, a cord, or an Internet connection and is used for making or receiving calls. (Fallback: FIOS and home Internet are considered landline phones.)

1. Cell phone is only phone → skip to GEOG1
2. Also have a landline phone
8. DON'T KNOW → skip to GEOG1
9. REFUSED TO ANSWER → skip to GEOG1

USEMOST. Of all the telephone calls that you receive, are...

1. All or almost all calls received on a cell phone
2. Some calls received on a cell phone and some received on regular landline phone
3. Very few or no calls received on a cell phone
8. DON'T KNOW
9. REFUSED TO ANSWER

## GEOGRAPHY QUESTIONS

GEOG1. What is the zip code at your home address? \_\_\_\_\_

GEOG2RD. In order for us to compare your answers to publicly available data about your community, we would also like to ask you for the name of your street and the name of the nearest cross-street.

GEOG2. What is the name of your street? \_\_\_\_\_

GEOG3. What is the name of the nearest cross-street? \_\_\_\_\_

**CLOSING**

[CELL Study only]

ATHOME. We're interested in knowing where people are when they do our survey. Are you currently at your residence?

1. YES → skip to FINALQ
2. NO / DK / REF

[CELL Study only]

WHEREAT. Where are you? Are you shopping, in a restaurant, walking somewhere, etc.? \_\_\_\_\_

FINALQ. Do you have any additional comments about regional environmental issues that you would like to add before we end? \_\_\_\_\_

**Thank you so much for your participation in this study.**