

**The Pittsburgh Regional Environment Survey
Results by Gender
June 21, 2013**

NOTE:

Geography based on response to county question

* $p < .05$ and ** $p < .01$ for statistical tests of stratum differences

N=805 (unweighted)

Cell, Allegheny County 206

Landline, Allegheny County 195

Cell, MSA remainder 176

Landline, MSA remainder 228

SECTION: REGIONAL ENVIRONMENTAL PERSPECTIVES

REP1: How would you rate the overall quality of the environment in our region?

	Overall	Male	Female
1. Excellent	3.6	3.7	3.6
2. Very Good	23.0	25.5	20.7
3. Good	44.9	45.7	44.3
4. Fair	23.3	19.4	26.9
5. Poor	5.1	5.8	4.5

REP2: Would you say that overall environmental quality in our region is...

	Overall	Male	Female
1. Improving significantly	10.2	11.3	9.2
2. Improving somewhat	41.2	40.6	41.7
3. Remaining the same	34.4	35.1	33.7
4. Getting somewhat worse	13.2	12.1	14.2
5. Getting significantly worse	1.0	0.8	1.2

REP3: In general, how knowledgeable do you feel you are about environmental issues such as air quality and water quality?

	Overall	Male**	Female**
1. Extremely knowledgeable	9.2	13.4	5.5
2. Somewhat knowledgeable	72.4	69.9	74.6
3. Not knowledgeable	18.4	16.8	20.0

REP4: Thinking about the environmental movement, do you think of yourself as...

	Overall	Male**	Female**
1. An active participant in the environmental movement	18.6	16.3	20.7
2. Sympathetic towards the movement, but not active	45.7	38.7	52.0
3. Neutral	30.6	37.4	24.3
4. Unsympathetic towards the environmental movement	5.2	7.6	2.9

SECTION: REGIONAL ENVIRONMENTAL PERSPECTIVES

REP5: Do you think environmental problems are something you personally can...

	Overall	Male	Female
1. Do a lot about	21.3	21.9	20.1
2. Do a little about	69.2	68.1	70.2
3. Do nothing	9.5	10.0	9.0

REP6: "Individual citizens should be responsible for solving environmental problems in Pennsylvania." Would you say you...

	Overall	Male*	Female*
1. Strongly agree	31.7	34.8	28.7
2. Agree	54.6	51.3	57.7
3. Disagree	11.2	10.2	12.1
4. Strongly disagree	2.5	3.7	1.4

REP7: 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...

	Overall	Male**	Female**
1. A great deal of progress	29.2	36.6	22.4
2. Only some progress	57.0	48.4	64.8
3. Hardly any progress at all	13.8	15.0	12.8

REP8: To what degree, if at all, do you believe that sprawl is a problem in Greater Pittsburgh?

	Overall	Male	Female
1. To a great degree	12.5	10.5	14.3
2. To some degree	48.6	48.6	48.6
3. Sprawl is not a problem	39.0	40.9	37.1

SECTION: REGIONAL ENVIRONMENTAL PERSPECTIVES

REP9: What is the primary source of electricity used in the Pittsburgh region?

	Overall	Male**	Female**
1. Nuclear power	8.8	9.3	8.3
2. Hydroelectricity	7.2	3.9	10.6
3. Fossil fuels such as oil and coal	50.8	65.4	36.0
4. Natural gas	32.1	20.3	44.0
5. Wind and solar energy	1.1	1.1	1.1

SECTION: AIR QUALITY

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

	Overall	Male	Female
1. Severe problem	5.4	3.7	6.9
2. Moderate problem	29.6	27.5	31.6
3. Minor problem	34.9	35.7	34.2
4. Not a problem at all	30.0	33.1	27.3

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

	Overall	Male**	Female**
1. Too stringent	8.6	12.5	4.9
2. About stringent enough	48.4	52.1	45.1
3. Not stringent enough	43.0	35.3	50.0

AIR3: In order to improve regional air quality, would you support increased government support for mass transportation?

	Overall	Male*	Female*
1. Yes	64.7	60.6	68.5
2. No	35.3	39.4	31.5

AIR4: In order to improve regional air quality, would you support greater emissions control of local factories and industry?

	Overall	Male**	Female**
1. Yes	71.6	65.5	77.2
2. No	28.4	34.5	22.8

AIR5: In order to improve regional air quality, would you support greater emissions control on coal-fired power plants?

	Overall	Male**	Female**
1. Yes	69.2	63.7	74.2
1. No	30.8	36.3	25.8

SECTION: AIR QUALITY

AIR6: In order to improve regional air quality, would you support greater restrictions on wood burning?

	Overall	Male**	Female**
1. Yes	42.3	32.8	50.9
2. No	57.7	67.2	49.1

SECTION: WATER QUALITY

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

	Overall	Male	Female
1. Severe problem	12.7	13.9	11.7
2. Moderate problem	22.2	19.5	24.5
3. Minor problem	22.9	21.4	24.3
4. Not a problem at all	42.2	45.2	39.5

WATER2: How about pollution in streams and rivers? Would you say it is a...

	Overall	Male**	Female**
1. Severe problem	26.9	21.4	32.0
2. Moderate problem	40.3	36.4	43.8
3. Minor problem	25.5	32.5	19.1
4. Not a problem at all	7.3	9.8	5.1

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

	Overall	Male	Female
1. Severe problem	13.7	14.1	13.3
2. Moderate problem	29.2	24.9	33.2
3. Minor problem	34.4	37.3	31.6
4. Not a problem at all	22.7	23.7	21.8

WATER4: In your opinion, does the state adequately monitor streams and creeks for possible contaminants?

	Overall	Male*	Female*
1. Yes	39.8	44.8	35.4
2. No	60.2	55.2	64.6

SECTION: WATER QUALITY

WATER5: What is the source of your household water?

	Overall	Male	Female
1. Public	85.7	85.6	85.6
2. Private/Well	12.5	12.5	12.5
3. Other (please specify)	1.8	1.9	1.9

SECTION: BEHAVIOR & ACTIONS

BEH1: All in all, how good a job would you say you, personally, are doing in protecting the environment?

	Overall	Male	Female
1. Excellent	13.0	15.6	10.5
2. Good	56.7	54.4	58.9
3. Only Fair	27.7	27.3	28.0
4. Poor	2.6	2.6	2.6

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

	Overall	Male	Female
1. Yes	62.6	63.3	61.9
2. No	37.4	36.7	38.1

BEH3: During summer months, do you turn down your air conditioning during hours when you're asleep or not at home?

	Overall	Male	Female
1. Yes	63.4	63.7	63.2
2. No	36.6	36.3	36.8

BEH4: Do you have a thermostat that automatically reduces heating or air conditioning during certain times of the day?

	Overall	Male*	Female*
1. Yes	34.3	38.8	30.4
2. No	65.7	61.2	69.6

SECTION: BEHAVIOR & ACTIONS

BEH5: We realize you may not know your daily household water consumption exactly, but if you had to guess, what would you estimate it to be?

	Overall	Male**	Female**
1. 25 gallons per day or less	37.7	34.0	41.3
2. Between 26 and 50 gallons per day	40.4	40.5	40.3
3. Between 51 and 75 gallons per day	12.1	12.1	12.2
4. Between 76 and 100 gallons per day	7.2	10.7	3.9
5. More than 100	2.5	2.7	2.3

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

	Overall	Male*	Female*
1. Yes	73.7	70.2	77.0
2. No	26.3	29.8	23.0

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

	Overall	Male	Female
1. Yes	41.9	38.7	44.7
2. No	58.1	61.3	55.3

BEH8: In the past 12 months have you recycled electronic items such as computers, mobile phones, batteries, etc.?

	Overall	Male*	Female*
1. Yes	54.0	49.9	57.8
2. No	46.0	50.1	42.2

BEH9: Do you typically turn off lights and electronics in unoccupied rooms?

	Overall	Male	Female
1. Yes	95.0	94.8	95.2
2. No	5.0	5.2	4.8

SECTION: BEHAVIOR & ACTIONS

BEH10: In the past 12 months have you purchased energy-saving light bulbs?

	Overall	Male*	Female*
1. Yes	80.9	78.0	83.6
2. No	19.1	22.0	16.4

BEH11: In the past 5 years have you upgraded to energy-saving appliances in the home?

	Overall	Male*	Female*
1. Yes	74.6	77.8	71.7
2. No	25.4	22.2	28.3

BEH12: Have you ever had a home energy audit conducted?

	Overall	Male	Female
1. Yes	10.3	8.7	11.7
2. No	89.7	91.3	88.3

BEH13: In the past 5 years have you made your home more energy efficient by installing new windows, insulation, solar panels, etc.?

	Overall	Male	Female
1. Yes	47.7	48.2	47.2
2. No	52.3	51.8	52.8

BEH14: Do you regularly recycle newspaper, glass, or plastic?

	Overall	Male	Female
1. Yes	74.2	71.8	76.4
2. No	25.8	28.2	23.6

SECTION: BEHAVIOR & ACTIONS

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

	Overall	Male**	Female**
1. Never	12.2	7.3	16.6
2. 1-5 times a year	24.8	21.4	27.8
3. 6-10 times a year	16.3	15.1	17.3
4. 11-20 times a year	12.6	14.9	10.5
5. More than 20 times a year	34.2	41.3	27.8

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

	Overall	Male**	Female**
1. Never	33.2	23.0	42.4
2. 1-5 times a year	30.2	28.5	31.8
3. 6-10 times a year	11.3	11.8	10.9
4. 11-20 times a year	10.3	12.6	8.3
5. More than 20 times a year	14.9	24.1	6.6

BEH17: Do you have a hunting or fishing license?

	Overall	Male**	Female**
1. Yes	24.8	39.9	11.1
2. No	75.2	60.1	88.9

BEH18: Do you work outside of the home?

	Overall	Male**	Female**
1. Yes	60.9	72.6	50.4
2. No	39.1	27.4	49.6

SECTION: BEHAVIOR & ACTIONS

BEH19: How do you usually get to work?

	Overall	Male**	Female**
1. Private car, truck or van	82.1	79.5	85.4
2. Public transit	6.7	6.8	6.6
3. Motorcycle	0.8	1.4	0.0
4. Bicycle or walking	7.3	10.4	3.3
5. Other (please specify)	3.1	1.8	4.7

BEH20: *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.?

	Overall	Male*	Female*
1. Private car, truck or van	89.0	90.6	87.4
2. Public transit	5.5	5.2	5.7
3. Motorcycle	0.5	1.0	0.0
4. Bicycle or walking	2.4	1.3	3.3
5. Other (please specify)	2.7	1.8	3.6

SECTION: POLICY

POL1: Do you feel that state government oversight of the environment should...

	Overall	Male**	Female**
1. Increase significantly	21.0	20.1	21.9
2. Increase somewhat	45.0	39.2	50.5
3. Remain the same	19.5	22.8	16.5
4. Decrease somewhat	10.2	11.6	8.9
5. Decrease significantly	4.2	6.3	2.2

POL2: “Government should be responsible for solving environmental problems in Pennsylvania.”
Would you say you...

	Overall	Male*	Female*
1. Strongly agree	30.8	30.4	31.2
2. Agree	47.3	44.2	50.1
3. Disagree	13.0	13.1	12.9
4. Strongly disagree	8.9	12.3	5.8

POL3: Do you believe that environmental regulations...

	Overall	Male**	Female**
1. Weaken the economy by decreasing jobs and industry	28.3	36.3	20.6
2. Strengthen the economy by increasing jobs and industry	31.3	26.6	35.9
3. Have minimal effect on the economy, jobs and industry	40.4	37.1	43.5

POL4: Do you believe that increased environmental regulations would threaten your job?

	Overall	Male**	Female**
1. Yes	17.1	25.9	5.7
2. No	82.9	74.1	94.3

SECTION: POLICY

POL5: Do you generally favor or oppose more strongly enforcing federal environmental regulations?

	Overall	Male**	Female**
1. Favor	61.8	54.9	68.1
2. Oppose	38.2	45.1	31.9

POL6: Do you generally favor or oppose setting higher auto emissions standards for automobiles?

	Overall	Male**	Female**
1. Favor	73.1	62.3	83.2
2. Oppose	26.9	37.7	16.8

POL7: Do you generally favor or oppose imposing mandatory controls on carbon dioxide emissions and other greenhouse gases?

	Overall	Male**	Female**
1. Favor	69.9	64.9	74.5
2. Oppose	30.1	35.1	25.5

POL8: Do you generally favor or oppose spending more government money on developing solar and wind power?

	Overall	Male**	Female**
1. Favor	81.6	79.9	83.1
2. Oppose	18.4	20.1	16.9

POL9: Do you generally favor or oppose setting higher fuel efficiency standards for automobiles?

	Overall	Male	Female
1. Favor	84.8	82.1	87.4
2. Oppose	15.2	17.9	12.6

SECTION: POLICY

POL10: Do you generally favor or oppose providing tax deductions to Americans who spend money to increase the energy efficiency of their homes?

	Overall	Male*	Female*
1. Favor	85.0	80.7	85.6
2. Oppose	15.0	19.3	14.4

POL11: Do you generally favor or oppose providing tax deductions to Americans who place their land into conservation programs?

	Overall	Male	Female
1. Favor	77.1	74.2	79.7
2. Oppose	22.9	25.8	20.3

POL12: 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?

	Overall	Male*	Female*
1. Protection of the environment should be given priority	69.7	64.2	74.7
2. Development of US energy supplies should be given priority	30.3	35.8	25.3

POL13: 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?

	Overall	Male**	Female**
1. Protection of the environment should be given priority	56.7	48.9	64.5
2. Economic growth should be given priority	43.3	51.1	35.5

SECTION: POLICY

POL14: In your opinion, does the state adequately monitor streams and creeks for possible contaminants?

	Overall	Male*	Female*
1. Yes	39.8	44.8	35.4
2. No	60.2	55.2	64.6

SECTION: ECONOMY & ENVIRONMENT

ECON1: How important do you believe the quality of the region's environment is to the region's economic future?

	Overall	Male**	Female**
1. Very important	65.0	60.5	69.1
2. Somewhat important	31.7	34.7	29.0
3. Not important	3.3	4.8	1.9

ECON2: Do you believe that environmental regulations...

	Overall	Male**	Female**
1. Weaken the economy by decreasing jobs and industry	28.3	36.3	20.6
2. Strengthen the economy by increasing jobs and industry	31.3	26.6	35.9
3. Have minimal effect on the economy, jobs and industry	40.4	37.1	43.5

ECON3: Do you believe that increased environmental regulations would threaten your job?

	Overall	Male**	Female**
1. Yes	17.1	25.9	5.7
2. No	82.9	74.1	94.3

ECON4: "Business and Industry should be responsible for solving environmental problems in Pennsylvania." Would you say you ...

	Overall	Male**	Female**
1. Strongly agree	34.4	37.8	31.3
2. Agree	53.1	46.3	59.3
3. Disagree	9.7	11.9	7.7
4. Strongly disagree	2.8	4.0	1.7

SECTION: ECONOMY & ENVIRONMENT

ECON5: 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?

	Overall	Male**	Female**
1. Protection of the environment should be given priority	56.7	48.9	64.5
2. Economic growth should be given priority	43.3	51.1	35.5

SECTION: ENERGY, MARCELLUS SHALE & ENVIRONMENT

ENERGY1: What is the primary source of electricity used in the Pittsburgh region?

	Overall	Male**	Female**
6. Nuclear power	8.8	9.3	8.3
7. Hydroelectricity	7.2	3.9	10.6
8. Fossil fuels such as oil and coal	50.8	65.4	36.0
9. Natural gas	32.1	20.3	44.0
10. Wind and solar energy	1.1	1.1	1.1

ENERGY2: 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?

	Overall	Male*	Female*
1. Protection of the environment should be given priority	69.7	64.2	74.7
2. Development of US energy supplies should be given priority	30.3	35.8	25.3

ENERGY3: Do you generally favor or oppose spending more government money on developing solar and wind power?

	Overall	Male**	Female**
1. Favor	81.6	79.9	83.1
2. Oppose	18.4	20.1	16.9

ENERGY4: Do you generally favor or oppose providing tax deductions to Americans who spend money to increase the energy efficiency of their homes?

	Overall	Male*	Female*
1. Favor	85.0	80.7	85.6
2. Oppose	15.0	19.3	14.4

SECTION: ENERGY, MARCELLUS SHALE & ENVIRONMENT

ENERGY5: To what extent do you think the Marcellus Shale represents an economic opportunity for this region? Do you think it represents....

	Overall	Male**	Female**
1. A significant economic opportunity	42.3	53.1	32.1
2. A moderate opportunity	37.0	29.3	44.3
3. Only a slight economic opportunity	13.8	11.7	15.8
4. Very little or no economic opportunity	7.0	6.0	7.9

ENERGY6: 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....

	Overall	Male**	Female**
1. A significant threat	22.5	19.5	25.3
2. A moderate threat	36.5	33.5	39.3
3. Only a slight threat	20.8	19.8	21.7
4. Very little or no threat	20.2	27.2	13.8

ENERGY7: 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?

	Overall	Male**	Female**
1. Yes	29.8	40.1	19.7
2. No	70.2	59.9	80.3

ENERGY8: 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?

	Overall	Male*	Female*
1. Yes	95.5	93.9	97.0
2. No	4.5	6.1	3.0

SECTION: ENERGY, MARCELLUS SHALE & ENVIRONMENT

ENERGY9: Considering everything, how do you feel about natural gas extraction from the Marcellus Shale region?

	Overall	Male**	Female**
1. Strongly oppose	12.6	7.4	17.5
2. Somewhat oppose	16.5	15.2	17.8
3. Neither oppose nor support	22.7	20.5	24.8
4. Somewhat support	27.4	26.9	28.0
5. Strongly support	20.7	30.1	12.0

ENERGY10: Do you believe that increasing reliance on natural gas is...

	Overall	Male**	Female* *
1. Better for the environment than coal and oil	47.3	53.6	41.1
2. Worse for the environment than coal and oil	6.4	4.5	8.3
3. Is neither better nor worse for the environment than coal and oil	46.3	41.9	50.5

SECTION: PARKS & RECREATION

PARKS1: How would you rate the overall quality of public recreational areas in the region, such as parks, trails and playgrounds?

	Overall	Male	Female
1. Excellent	11.8	12.6	10.9
2. Very Good	30.6	27.6	33.3
3. Good	32.5	32.4	32.6
4. Fair	18.7	20.3	17.3
5. Poor	6.4	7.1	5.8

PARKS2: How often do you go to recreational areas in the region, such as parks, trails and playgrounds?

	Overall	Male**	Female**
1. Never	12.2	7.3	16.6
2. 1-5 times a year	24.8	21.4	27.8
3. 6-10 times a year	16.3	15.1	17.3
4. 11-20 times a year	12.6	14.9	10.5
5. More than 20 times a year	34.2	41.3	27.8

PARKS3: How frequently do you participate in recreational activities on regional streams, rivers and lakes?

	Overall	Male**	Female**
1. Never	33.2	23.0	42.4
2. 1-5 times a year	30.2	28.5	31.8
3. 6-10 times a year	11.3	11.8	10.9
4. 11-20 times a year	10.3	12.6	8.3
5. More than 20 times a year	14.9	24.1	6.6

PARKS4: Do you have a hunting or fishing license?

	Overall	Male**	Female**
1. Yes	24.8	39.9	11.1
2. No	75.2	60.1	88.9

SECTION: PARKS & RECREATION

PARKS5: 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?

	Overall	Male**	Female**
1. Yes	29.8	40.1	19.7
2. No	70.2	59.9	80.3

SECTION: CONSERVATION

CONS1: What conservation issue is of greatest concern to you?

	Overall	Male**	Female**
1. Land acquisition and protection	11.4	8.9	13.6
2. River and stream restoration	36.8	43.4	30.9
3. Wildlife habitat	37.2	32.2	41.7
4. Protection of scenic views	4.5	5.1	4.0
5. Other (please specify)	10.1	10.3	9.9

CONS2: Do you generally favor or oppose providing tax deductions to Americans who place their land into conservation programs?

	Overall	Male	Female
1. Favor	77.1	74.2	79.7
2. Oppose	22.9	25.8	20.3

SECTION: CLIMATE CHANGE

CLIM1: To what extent, if any, is climate change a problem? Do you think it's a...

	Overall	Male**	Female**
1. Severe problem	27.0	21.3	32.1
2. Moderate problem	37.3	33.9	40.3
3. Minor problem	17.3	21.6	13.4
4. Not a problem at all	18.4	23.2	14.1

CLIM2: Do you generally favor or oppose imposing mandatory controls on carbon dioxide emissions and other greenhouse gases?

	Overall	Male**	Female**
1. Favor	69.9	64.9	74.5
2. Oppose	30.1	35.1	25.5

CLIM3: 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?

	Overall	Male**	Female**
1. Human activities	56.2	48.0	63.3
2. Natural causes	43.8	52.0	36.7