## The Pittsburgh Regional Environment Survey Results by Educational Attainment June 21, 2013

## Notes:

geography based on response to county question
\* p <.05 and \*\* p<.01 for statistical tests of stratum differences
N=805
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?

		HS Grad or	Some	Bachelor's
	Overall	Less*	College*	or higher*
1. Excellent	3.5	2.2	6.4	2.7
2. Very Good	23.1	22.6	22.4	24.7
3. Good	44.8	41.8	43.8	50.7
4. Fair	23.5	25.9	23.3	19.6
5. Poor	5.1	7.5	4.1	2.3

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

			HS Grad or	Some	Bachelor's
		Overall	Less	College	or higher
1 т		10.2	10.2	11.0	0.0
I. In	nproving significantly	10.3	10.2	11.8	8.8
2. In	nproving Somewhat	41.0	36.1	41.4	48.6
3. R	emaining the same	34.3	37.5	33.6	29.6
4. G	letting somewhat worse	13.3	14.5	13.2	11.6
5. G	setting significantly worse	1.1	1.7	0.0	1.4

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

			HS Grad or	Some	Bachelor's
		Overall	Less*	College*	or higher*
2.	Extremely knowledgeable Somewhat knowledgeable Not knowledgeable	9.3 72.4 18.3	6.9 70.6 22.5	10.4 77.4 12.2	12.0 70.5 17.5

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

			HS Grad or	Some	Bachelor's
		Overall	Less*	College*	or higher*
1.	An active participant in the environmental movement	18.6	17.1	19.6	20.1
2.	Sympathetic towards the movement, but nor active	45.8	42.1	44.7	52.8
3.	Neutral	30.4	36.0	28.3	23.4
4.	Unsympathetic	5.2	4.8	3.7	3.7

#### SECTION: REGIONAL ENVIRONMENTAL PERSPECTIVES

REP 5: Do you think environmental problems are something you personally can...

	0 11	HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
1. Do a lot about	21.5	16.4	26.9	24.4
2. Do a little about	69.2	69.4	66.2	71.9
3. Do nothing about	9.3	14.2	6.9	3.7

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
<ol> <li>Strongly agree</li> </ol>	31.7	32.1	29.7	33.2
2. Agree	54.6	52.2	56.2	57.0
3. Disagree	11.1	12.0	12.8	7.9
4. Strongly disagree	2.5	3.6	1.4	1.9

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...

	0 11	HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
1. A great deal of progress	28.6	32.9	22.8	27.3
2. Only some progress	57.3	49.9	66.0	61.1
3. Hardly any progress at all	14.1	17.3	11.2	11.6

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

			HS Grad or	Some	Bachelor's or
		Overall	Less	College	higher
1.	To a great degree	12.5	13.5	11.0	12.6
2.	To some degree	48.7	47.2	51.7	48.2
3.	Sprawl in not a problem	38.7	39.3	37.2	39.3

## SECTION: REGIONAL ENVIRONMENTAL PERSPECTIVES

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

			HS Grad or	Some	Bachelor's
		Overall	Less**	College**	or higher**
1.	Nuclear power	8.9	11.9	7.4	5.2
2.	Hydroelectricity	7.3	7.2	10.6	4.2
3.	Fossil fuels such as oil and coal	50.5	43.4	50.0	62.8
4.	Natural gas	32.2	35.9	30.3	27.7
5.	Wind and solar energy	1.1	1.6	1.6	0.0

## **SECTION: AIR QUALITY**

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
<ol> <li>Severe problem</li> </ol>	5.5	4.8	7.3	4.6
2. Moderate problem	29.9	32.2	26.5	29.5
3. Minor problem	34.8	29.9	37.4	40.1
4. Not a problem at all	29.9	33.0	28.8	25.8

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

			HS Grad or	Some	Bachelor's
		Overall	Less*	College*	or higher*
1. Too stringen	:	8.4	8.2	12.4	4.5
2. About stringe	ent	48.4	51.9	42.9	48.5
3. Not stringent	enough	43.3	39.9	44.8	47.0

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Yes	64.7	62.0	63.6	70.2
2. No	35.3	38.0	36.4	29.8

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Yes	71.8	68.4	75.0	74.3
2. No	28.2	31.6	25.0	25.7

## **SECTION: AIR QUALITY**

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
	60.0	6.7.0	60 <b>-</b>	
1. Yes	69.0	65.3	69.7	74.3
2. No	31.0	34.7	30.3	25.7

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
				_
1. Yes	42.4	43.9	43.0	39.4
2. No	57.6	56.1	57.0	60.6

## **SECTION: WATER QUALITY**

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

			HS Grad or	Some	Bachelor's or
	_	Overall	Less**	College**	higher**
<ol> <li>Severe problem</li> </ol>	n	12.8	19.3	9.2	6.0
2. Moderate prob	lem	22.3	21.2	25.2	21.1
3. Minor problen	ı	22.4	20.4	24.8	23.4
4. Not a problem	at all	42.5	39.1	40.8	49.5

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

			HS Grad or	Some	Bachelor's or
		Overall	Less**	College**	higher**
1.	Severe problem	27.0	33.8	23.1	19.9
2.	Moderate problem	40.1	32.4	46.2	46.3
3.	Minor problem	25.6	25.0	23.5	28.7
4.	Not a problem at all	7.4	8.8	7.2	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...

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
				_
<ol> <li>Severe problem</li> </ol>	13.8	16.3	9.8	13.8
2. Moderate problem	29.0	26.6	35.8	26.0
3. Minor problem	34.5	34.4	32.4	36.7
4. Not a problem at all	22.7	22.7	22.1	23.5

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	39.4	41.2	38.3	37.8
2. No	60.6	58.8	61.7	62.2

## **SECTION: WATER QUALITY**

WATER5. What is the source of your household water?

		HS Grad or	Some	Bachelor's or
	Overall	Less*	College*	higher*
1. Public	85.8	82.3	84.9	92.6
2. Private/Well	12.5	15.5	13.8	6.5
3. Other (Specify)	1.6	2.3	1.4	0.9

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

	0 11	HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Excellent	13.1	12.8	14.5	12.0
2. Good	56.5	58.7	52.7	56.7
3. Only Fair	27.8	26.3	29.1	29.0
4. Poor	2.6	2.2	3.6	2.3

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?

		HS Grad or	Some	Bachelor's or
_	Overall	Less	College	higher
				_
1. Yes	62.5	61.2	58.4	68.5
2. No	37.5	38.8	41.6	31.5

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	63.2	62.5	61.7	65.6
2. No	36.8	37.5	38.3	34.4

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

	Overall	HS Grad or Less**	Some College**	Bachelor's or higher**
<ol> <li>Yes</li> <li>No</li> </ol>	34.0	24.8	35.2	47.2
	66.0	75.2	64.8	52.8

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	HS Grad or Less**	Some College**	Bachelor's or higher**
<ol> <li>25 gallons per day or less</li> <li>Between 26 and 50 gallons per day</li> <li>Between 51 and 75 gallons per day</li> <li>Between 76 and 100 gallons per day</li> <li>More than 100</li> </ol>	37.8	41.9	35.7	33.3
	40.3	36.4	43.3	43.5
	12.1	10.8	11.0	15.5
	7.2	10.2	4.3	5.3
	2.5	0.6	5.7	2.4

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

		HS Grad or	Some	Bachelor's
_	Overall	Less	College	or higher
1. Yes	73.7	73.6	74.5	73.1
2. No	26.3	26.4	25.5	26.9

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

	Overall	HS Grad or Less		Bachelor's or higher
	Overall	LCSS	Conege	of Higher
<ol> <li>Yes</li> <li>No</li> </ol>	41.9 58.1	39.8 60.2	45.7 54.3	41.3 58.7

BEH18: In the past 12 months have you recycled electronic items such as computers, mobile phones, batteries, etc.?

		HS Grad or	Some	Bachelor's
_	Overall	Less**	College**	or higher**
1. Yes	54.0	49.9	51.8	63.0
2. No	46.0	50.1	48.2	37.0

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	95.0	94.7	93.6	96.8
2. No	5.0	5.3	6.4	3.2

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

		HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
1. Yes	80.9	74.5	86.9	85.3
2. No	19.1	25.5	13.1	14.7

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	75.0	73.2	76.6	76.3
2. No	25.0	26.8	23.4	23.7

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	10.4	10.9	8.8	11.1
2. No	89.6	89.1	91.2	88.9

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes	47.6	47.0	51.1	44.9
2. No	52.4	53.0	48.9	55.1

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

		HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
1. Yes	74.0	66.4	74.5	86.2
2. No	26.0	33.6	25.5	13.8

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

		HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
				_
1. Never	12.0	18.3	8.2	5.5
2. 1-5 times a year	24.8	26.1	27.3	20.1
3. 6-10 times a year	16.5	14.7	18.6	17.4
4. 11-20 times a year	12.5	10.6	17.7	10.5
5. More than 20 times a year	34.2	30.3	28.2	46.6

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

			HS Grad or	Some	Bachelor's or
		Overall	Less**	College**	higher**
					_
1. Never		32.8	38.6	33.6	22.5
2. 1-5 times a year		30.3	22.8	37.3	35.8
3. 6-10 times a year	r	11.4	9.2	11.4	15.1
4. 11-20 times a ye	ear	10.4	11.9	6.8	11.5
5. More than 20 tir	nes a year	15.0	17.5	10.9	15.1

BEH17: Do you have a hunting or fishing license?

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Yes 2. No	24.9 75.1	28.1 71.9	22.7 77.3	22.0 78.0

BEH18: Do you work outside of the home?

		HS Grad or	Some	Bachelor's or
	Overall	Less**	College**	higher**
1. Yes	61.2	56.4	56.8	73.4
2. No	38.8	43.6	43.2	26.6

BEH19: How do you usually get to work?

			HS Grad or	Some	Bachelor's or
		Overall	Less	College	higher
1.	Private car, truck or van	82.4	82.3	81.0	83.8
2.	Public transit	6.3	4.9	7.1	7.5
3.	Motorcycle	0.8	0.5	1.6	0.6
4.	Bicycle or walking	7.4	9.4	4.8	6.9
5.	Other (please specify)	3.1	3.0	5.6	1.3

BEH20: *For workers:* How do you usually get around for <u>non</u>-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.?

			HS Grad or	Some	Bachelor's or
		Overall	Less**	College**	higher**
1. Pi	rivate car, truck or van	88.7	88.1	85.0	93.6
2. Pu	ublic transit	5.5	7.5	5.9	1.8
3. M	Iotorcycle	0.5	0.6	0.9	0.0
4. B	icycle or walking	2.4	0.6	5.5	2.3
5. O	ther (please specify)	2.9	33	2.7	2.3

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
	21.2		• • •	• • •
1. Increase significantly	21.2	22.5	20.3	20.1
2. Increase somewhat	45.4	46.7	45.6	43.0
3. Remain the same	18.8	16.1	17.5	24.3
4. Decrease somewhat	10.3	9.2	13.8	8.4
5. Decrease	4.4	5.5	2.8	4.2

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

			HS Grad or	Some	Bachelor's
	_	Overall	Less	College	or higher
1.	Strongly agree	31.0	29.4	31.4	33.3
2.	Agree	46.9	49.3	44.5	45.4
3.	Disagree	13.0	10.4	15.5	14.8
4.	Strongly disagree	9.1	10.9	8.6	6.5

## POL3: Do you believe that environmental regulations...

		Overall	HS Grad or Less	Some College	Bachelor's or higher
	-				
1.	Weaken the economy by decreasing jobs	28.5	29.7	32.4	22.8
	and industry				
2.	Strengthen the economy by increasing	31.5	31.5	30.0	33.0
	jobs and industry				
3.	Have minimal effect on the economy, jobs	40.0	38.8	37.7	44.2
	and industry				

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

		HS Grad or	Some	Bachelor's
	Overall	Less**	College**	or higher**
1. Yes	17.4	23.6	15.9	10.7
2. No	82.6	76.4	84.1	89.3

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
4 7	· · ·	_, ,		60.4
1. Favor	69.5	71.4	66.5	69.4
2. Oppose	30.5	28.6	33.5	30.6

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
				_
1. Favor	61.5	60.6	57.4	67.1
2. Oppose	38.5	39.4	42.6	32.9

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Favor	73.0	71.1	76.1	73.2
2. Oppose	27.0	28.9	23.9	26.8

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Favor	70.4	69.1	70.0	73.0
2. Oppose	29.6	30.9	30.0	27.0

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
<ol> <li>Favor</li> <li>Oppose</li> </ol>	81.5 18.5	79.8 20.2	81.6 18.4	84.0 16.0

15

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

	Overall	HS Grad or Less*		Bachelor's or higher*
<ol> <li>Favor</li> <li>Oppose</li> </ol>	85.0	81.0	90.0	86.6
	15.0	19.0	10.0	13.4

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Favor	77.0	74.6	80.0	78.0
2. Oppose	23.0	25.4	20.0	22.0

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?

			HS Grad or	Some	Bachelor's
		Overall	Less	College	or higher
1.	Protection of the environment should be given priority	58.0	60.4	51.5	60.5
2.	Development of US energy supplies should be given priority	42.0	39.6	48.5	39.5

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?

		0 11	HS Grad or	Some	Bachelor's
	_	Overall	Less	College	or higher
1.	Protection of the environment should be	57.0	56.6	55.7	59.0
	given priority				
2.	Economic growth should be given priority	43.0	43.4	44.3	41.0

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

		HS Grad or	Some	Bachelor's
_	Overall	Less	College	or higher
3. Yes	39.4	41.2	38.3	37.8
4. No	60.6	58.8	61.7	62.2

#### **SECTION: ECONOMY & ENVIRONMENT**

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Very important	64.9	62.9	66.2	67.0
2. Somewhat important	31.8	33.4	29.2	31.8
3. Not important	3.3	3.7	4.6	3.3

ECON2: Do you believe that environmental regulations...

		Overall	HS Grad or Less	Some College	Bachelor's or higher
1.	Weaken the economy by decreasing jobs and industry	28.5	29.7	32.4	22.8
2.	Strengthen the economy by increasing jobs and industry	31.5	31.5	30.0	33.0
3.	Have minimal effect on the economy, jobs and industry	40.0	38.8	37.7	44.2

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

	Overall	HS Grad or Less**		Bachelor's or higher**
1. Yes	17.4	23.6	15.9	10.7
2. No	82.6	76.4	84.1	89.3

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

			HS Grad or	Some	Bachelor's
	_	Overall	Less**	College**	or higher**
1.	Strongly agree	34.6	42.4	27.9	28.8
2.	Agree	52.8	46.6	54.8	60.9
3.	Disagree	9.8	9.0	13.2	7.4
4.	Strongly disagree	2.8	2.0	4.1	2.8

#### **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	HS Grad or Less	Some College	Bachelor's or higher
	·			<u> </u>	<u> </u>
1.	Protection of the environment	57.0	56.6	55.7	59.0
	should be given priority				
2.	Economic growth should be given	43.0	43.4	44.3	41.0
	priority				

#### SECTION: ENERGY, MARCELLUS SHALE & ENVIRONMENT

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

		HS Grad or	Some	Bachelor's
	Overall	Less**	College**	or higher**
1. Nuclear power	8.9	11.9	7.4	5.2
2. Hydroelectricity	7.3	7.2	10.6	4.2
3. Fossil fuels such as oil and coal	50.5	43.4	50.0	62.8
4. Natural gas	32.2	35.9	30.3	27.7
5. Wind and solar energy	1.1	1.6	1.6	0.0

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?

			HS Grad or	Some	Bachelor's
		Overall	Less	College	or higher
1.	Protection of the environment should be	58.0	60.4	51.5	60.5
	given priority				
2.	Development of US energy supplies	42.0	39.6	48.5	39.5
	should be given priority				

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Favor	70.4	69.1	70.0	73.0
2. Oppose	29.6	30.9	30.0	27.0

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

	0 11	HS Grad or		Bachelor's
	Overall	Less*	College*	or higher*
1. Favor	85.0	81.0	90.0	86.6
2. Oppose	15.0	19.0	10.0	13.4

#### 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....

		HS Grad or	Some	Bachelor's
	Overall	Less**	College**	or higher**
1. A significant economic opportunity	42.0	36.6	41.1	51.4
2. A moderate economic opportunity	37.0	35.7	41.6	34.4
3. Only a slight economic opportunity	13.9	15.5	13.4	11.8
4. Very little or no economic opportunity	7.1	12.2	3.8	2.4

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	HS Grad or Less*	Some College*	Bachelor's or higher*
		Overan	LCSS	Conege	or mgner
	A significantly threat	22.6	23.2	19.7	24.5
	A moderate threat	36.5	35.1	37.4	38.0
3.	Only a slightly threat	20.6	17.6	20.7	25.5
4.	Very little or no threat	20.2	24.1	22.2	20.2

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?

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Yes 2. No	29.6 70.4	29.4 70.6	32.8 67.4	26.6 73.4

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?

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Yes	95.6	94.5	96.2	96.7
2. No	4.4	5.5	3.8	3.3

## SECTION: ENERGY, MARCELLUS SHALE & ENVIRONMENT

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

		Overall	HS Grad or Less	Some College	Bachelor's or higher
1.	Strongly oppose	12.7	12.6	11.2	14.5
2.	Somewhat oppose	16.6	18.2	15.8	15.0
3.	Neither oppose nor support	22.9	25.8	20.5	20.6
4.	Somewhat support	27.3	22.6	32.1	29.9
5.	Strongly support	20.5	20.8	20.5	20.1

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

			HS Grad or	Some	Bachelor's
		Overall	Less*	College*	or higher*
1.	Better for the environment than coal and oil	47.2	44.2	54.6	44.8
2.	Worse for the environment than coal and oil	6.4	8.3	2.9	6.7
3.	Is neither better nor worse for the environment than coal	46.4	47.5	42.4	48.6

#### **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	HS Grad or Less**	Some College**	Bachelor's or higher**
1. Excellent	11.8	11.9	11.0	12.5
2. Very Good	30.3	20.7	37.0	39.4
3. Good	32.5	33.7	33.3	29.6
4. Fair	18.9	23.2	15.1	15.7
5. Poor	6.5	10.5	3.7	2.8

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

			HS Grad or	Some	Bachelor's
		Overall	Less**	College**	or higher**
1	Never	12.0	18.3	8.2	5.5
	1-5 times a year	24.8	26.1	27.3	20.1
	6-10 times a year	16.5	14.7	18.6	17.4
	11-20 times a year	12.5	10.6	17.7	10.5
	More than 20 times a year	34.2	30.3	28.2	46.6

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

		Overall	HS Grad or Less**	Some College**	Bachelor's or higher**
1.	Never	32.8	38.6	33.6	22.5
2.	1-5 times a year	30.3	22.8	37.3	35.8
3.	6-10 times a year	11.4	9.2	11.4	15.1
4.	11-20 times a year	10.4	11.9	6.8	11.5
5.	More than 20 times a year	15.0	17.5	10.9	15.1

PARKS4: Do you have a hunting or fishing license?

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
1. Yes	24.9	28.1	22.7	22.0
2. No	75.1	71.9	77.3	78.0

#### **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?

		HS Grad or		Bachelor's
	Overall	Less	College	or higher
1. Yes	29.6	29.4	32.8	26.6
2. No	70.4	70.6	67.4	73.4

## **SECTION: CONSERVATION**

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

			HS Grad or	Some	Bachelor's
		Overall	Less	College	or higher
		44.0	44.0	10.4	
l.	Land acquisition and protection	11.3	11.8	10.4	11.5
2.	River and stream restoration	36.8	34.9	35.1	41.6
3.	Wildlife habitat	37.4	37.5	42.2	32.5
4.	Protection of scenic views	4.6	5.5	3.8	3.8
5.	Other (please specify)	9.9	10.4	8.5	10.5

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

		HS Grad or	Some	Bachelor's
	Overall	Less	College	or higher
				_
1. Favor	77.0	74.6	80.0	78.0
2. Oppose	23.0	25.4	20.0	22.0

#### **SECTION: CLIMATE CHANGE**

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
<ol> <li>Severe problem</li> </ol>	27.2	27.0	29.0	25.8
2. Moderate problem	37.0	36.4	37.6	37.3
3. Minor problem	17.3	16.2	17.6	18.9
4. Not a problem at all	18.5	20.5	15.8	18.5

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

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
1. Favor	73.0	71.1	76.1	73.2
2. Oppose	27.0	28.9	23.9	26.8

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?

		HS Grad or	Some	Bachelor's or
	Overall	Less	College	higher
<ol> <li>Human activities</li> <li>Natural causes</li> </ol>	56.2 43.8	54.8 45.2	54.9 45.1	59.9 40.1