

**2017 Oklahoma Weather, Society and Government Survey: M-SISNet Wave 15 (Summer 2017)**

**n = 2,423; September 5—October 21, 2017; Median Time = 25 min**

You are invited to participate in research about perceptions of weather in Oklahoma and views on government policies and societal issues, to understand how those perceptions and views might shape Oklahomans' uses of water and energy.

If you agree to participate, you will respond to an Internet survey that should take about 30 minutes to complete. You will be invited to respond to a similar Internet survey each quarter until May 2018.

There are no risks or benefits.

If you participate, you will receive a \$10 gift card for each survey you complete.

Your participation is voluntary and your responses will be de-identified before they are shared for research purposes or published.

Even if you choose to participate now, you may stop participating at any time and for any reason. Your data may be used in future research studies, unless you contact me to withdraw your data.

Data are collected via an online survey system that has its own privacy and security policies for keeping your information confidential.

If you have questions about this research, please contact:

Dr. Hank Jenkins-Smith  
Center for Risk and Crisis Management  
University of Oklahoma  
(405) 325-1720 or [crcm@ou.edu](mailto:crcm@ou.edu)

You can also contact the University of Oklahoma – Norman Campus Institutional Review Board at 405-325-8110 or [irb@ou.edu](mailto:irb@ou.edu) with questions, concerns or complaints about your rights as a research participant, or if you don't want to talk to the researcher.

*By answering the survey questions, I agree to participate in this research. Please print this page for your records.*

**consent:** Do you agree to participate in this study?  
[TWO RADIO BUTTONS SPACED FAR APART]

- 0 - No, I do not want to participate in this study
- 1 - Yes, I agree to participate in this study

[IF consent = 0, MOVE PARTICIPANT TO NEW PAGE WHICH STATES “**You have indicated that you do not want to participate in this study.** If you have reached this page by accident and do wish to participate in this study, please contact our technical support staff at: (405) 325-1720 or [crcm@ou.edu](mailto:crcm@ou.edu).”]

Please print this information sheet for your records.  
By providing information to the researcher, I am agreeing to participate in this research.

**This research has been approved by the University of Oklahoma, Norman Campus IRB.**

**IRB Number: 3938**

**Approval date:08/30/2017**

-----End Web Index pg-----

This survey involves policy choices about complex issues. Lengthy interruptions in the survey will make it difficult to respond to some of the questions. As previously noted, the survey should take only about 30 minutes to complete, but we ask that you avoid long interruptions if possible.

Please review the following demographic information that you previously provided to our research team. If the information is the same, there is no need for any action. However, if as of today our records are incomplete or incorrect, please provide us with the correct information by using the boxes provided below. Thank you!

[THE QUESTIONS ON THIS PAGE ARE PRE-POPULATED, WHERE AVAILABLE, WITH THE DATA THAT WAS COLLECTED DURING RECRUITMENT]

**age:** How old are you? [VERBATIM; REQUIRE NUMERIC]

-----End Web pg -----

[SHOW PAGE ONLY IF RESPONSE TO age IS < 18]

**agescreen:** To participate in this survey, you must be 18 years of age or older. Please verify your age before continuing. [VERBATIM]

[IF AN AGE < 18 IS ENTERED, MOVE PARTICIPANT TO NEW PAGE WHICH STATES “**You must be 18 or older to participate in the study.** To continue with the survey, or if you have reached this

page by accident, please contact our technical support staff at: (405) 325-1720 or [crcm@ou.edu](mailto:crcm@ou.edu)." IF AN AGE > 18 IS ENTERED, RETURN TO SURVEY]

-----End Web pg -----

**gender:** Are you male or female?

- 0 - Female
- 1 - Male

**education:** What is the highest level of education you have COMPLETED?

- 1 - Less than High School
- 2 - High School / GED
- 3 - Vocational or Technical Training
- 4 - Some College — NO degree
- 5 - 2-year College / Associate's Degree
- 6 - Bachelor's Degree
- 7 - Master's degree
- 8 - PhD / JD (Law) / MD

**hispanic:** Do you consider yourself to be Hispanic, Latino, or Spanish or to have Hispanic, Latino, or Spanish origins?

- 0 - No
- 1 - Yes

**race:** Which of the following best describes your race?

- 1 - White
- 2 - Black or African American
- 3 - American Indian or Alaska Native
- 4 - Asian
- 5 - Native Hawaiian or Pacific Islander
- 6 - Two or more races
- 7 - Some other race (please specify)

**race\_spec:** [VERBATIM]

-----End Web pg -----

**adults:** *Including yourself*, how many ADULTS AGE 18 AND OLDER live in your household?

[LIMIT TO NON-ZERO RESPONSE]

[VERBATIM] adults

**children:** How many CHILDREN AGE 17 AND YOUNGER live in your household?

[VERBATIM; REQUIRE NUMERIC RESPONSE]

children

-----End Web pg -----

**employment:** Which one of the following BEST describes your current employment status?

- 1 - Not working and not seeking a job outside the home
- 2 - Not working outside the home, but seeking work

- 3 - Working part-time outside the home
- 4 - Working full-time outside the home
- 5 - Working full-time inside the home
- 6 - Working part-time inside the home
- 7 - Student
- 8 - Retired
- 9 - Disabled

-----End Web pg -----

**income:** Thinking specifically about the past 12 months, what was your annual household income from all sources?

\$ [VERBATIM; REQUIRE NUMERIC RESPONSE]

-----End Web pg -----

**footage:** What is the approximate square footage of your home?

[VERBATIM; REQUIRE NUMERIC RESPONSE] sq. ft.

-----End Web pg -----

**home\_lot:** Which of the following best describes your property?

- 1 - Urban lot in a densely populated area
- 2 - Suburban lot in a neighborhood that is near a densely populated area
- 3 - Rural lot in a sparsely populated area

-----End Web pg -----

The next few questions ask you to compare weather patterns *this summer* (June, July and August 2017) to weather patterns in *previous summers*.

**ssn\_precip:** In the area around where you live (by this we mean within about ten miles of your residence), would you say that the amount of precipitation that fell *this summer* was more, less, or about the same amount as in *previous summers*?

- 3 - More
- 2 - About the same
- 1 - Less

**ssn\_tmp:** In the area around where you live, would you say that *this summer* has been warmer, cooler, or about the same as *previous summers*?

- 3 - Warmer
- 2 - About the same
- 1 - Cooler

-----End Web pg -----

[IF ssn\_tmp = 2]

**ssn\_tmp\_same:** You indicated that temperatures *this summer* have been about the same as temperatures in *previous summers*. If you had to guess, would you say that *this summer* was exactly the same, a little warmer, or a little cooler than *previous summers*?

- 3 - A little warmer
- 2 - Exactly the same
- 1 - A little cooler

-----End Web pg -----

[IF **ssn\_tmp** = 3 OR **ssn\_tmp\_same** = 3]

**ssn\_tmp\_wrm:** If you had to guess, about how much warmer on average was *this summer* than *previous summers*? Please respond in degrees Fahrenheit.

- 0.5° F
- 1.0° F
- 1.5° F
- 2.0° F
- 2.5° F
- 3.0° F
- 3.5° F
- 4.0° F
- 4.5° F
- 5.0° F
- 5.5° F
- 6.0° F
- 6.5° F
- 7.0° F
- 7.5° F
- 8.0° F
- 8.5° F
- 9.0° F
- 9.5° F
- 10.0° F

-----End Web pg -----

[IF **ssn\_tmp** = 1 OR **ssn\_tmp\_same** = 1]

**ssn\_tmp\_cool:** If you had to guess, about how much cooler on average was *this summer* than *previous summers*? Please respond in degrees Fahrenheit.

- 0.5° F
- 1.0° F
- 1.5° F
- 2.0° F
- 2.5° F
- 3.0° F
- 3.5° F
- 4.0° F
- 4.5° F
- 5.0° F
- 5.5° F
- 6.0° F

- 6.5° F
- 7.0° F
- 7.5° F
- 8.0° F
- 8.5° F
- 9.0° F
- 9.5° F
- 10.0° F

-----End Web pg -----

We are curious about how you compare weather patterns across seasons. What do phrases like “about the same” mean to you?

For these questions, imagine we were asking you to compare weather patterns *next summer* to weather patterns in *previous summers*, and you knew that:

- Average precipitation in *previous summers* is **10.5** inches, and *next summer* you get [**rand\_precip: 9.0, 9.5, 10.0, 11.0, 11.5, 12**] inches of precipitation.
- Average temperature in *previous summers* is **80.0**°F, and *next summer* the average temperature is [**rand\_temp: 78.0, 78.5, 79.0, 79.5, 80.5, 81.0, 81.5, 82.0**]°F.

**ssn\_precip\_fut:** If you knew this information, would you say that the amount of precipitation that fell *next summer* was more, less, or about the same amount as in *previous summers*?

- 3 - More
- 2 - About the same
- 1 - Less

**ssn\_temp\_fut:** If you knew this information, would you say that *next summer* has been warmer, cooler, or about the same as *previous summers*?

- 3 - Warmer
- 2 - About the same
- 1 - Cooler

-----End Web pg -----

Now we want you to compare weather patterns over the *past three years* to weather patterns in *previous years*.

**drghtfreq:** In the area around where you live, has drought occurred more frequently, less frequently, or with about the same frequency in the *last three years* as drought in *previous years*?

- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

**drghtsev:** In the area around where you live, has drought been more severe, less severe, or about as severe in the last three years as drought in previous years?

- 3 – More severe
- 2 – About as severe
- 1 – Less severe

**fldfreq:** In the area around where you live, has flooding occurred more frequently, less frequently, or with about the same frequency in the last three years as flooding in previous years?

- 3 – More frequently
- 2 – With about the same frequency
- 1 – Less frequently

**fldsev:** In the area around where you live, has flooding been more severe, less severe, or about as severe in the last three years as flooding in previous years?

- 3 – More severe
- 2 – About as severe
- 1 – Less severe

-----End Web pg -----

**avgtmp:** Again thinking about the last three years, would you say that overall, the average temperatures in the area around where you live have increased, decreased, or stayed about the same as compared to temperatures in previous years?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

-----End Web pg -----

[IF avgtmp = 2]

**avgtmp\_same:** You indicated that temperatures in the last three years have been about the same as temperatures in previous years. If you had to guess, would you say that the last three years were exactly the same, a little warmer, or a little cooler than previous years?

- 3 - A little warmer
- 2 - Exactly the same
- 1 - A little cooler

-----End Web pg -----

[IF avgtmp = 3 OR avgtmp\_same = 3]

**avgtmp\_wrm:** If you had to guess, about how much warmer on average were the last three years than previous years? Please respond in degrees Fahrenheit.

- 0.5° F
- 1.0° F
- 1.5° F
- 2.0° F

- 2.5° F
- 3.0° F
- 3.5° F
- 4.0° F
- 4.5° F
- 5.0° F
- 5.5° F
- 6.0° F
- 6.5° F
- 7.0° F
- 7.5° F
- 8.0° F
- 8.5° F
- 9.0° F
- 9.5° F
- 10.0° F

-----End Web pg -----

[IF avgtmp = 1 OR avgtmp\_same = 1]

**avgtmp\_cool:** If you had to guess, about how much cooler on average were the last three years than previous years? Please respond in degrees Fahrenheit.

- 0.5° F
- 1.0° F
- 1.5° F
- 2.0° F
- 2.5° F
- 3.0° F
- 3.5° F
- 4.0° F
- 4.5° F
- 5.0° F
- 5.5° F
- 6.0° F
- 6.5° F
- 7.0° F
- 7.5° F
- 8.0° F
- 8.5° F
- 9.0° F
- 9.5° F
- 10.0° F

-----End Web pg -----

**tmpextrm:** Would you say that overall, extreme high and/or low temperatures have occurred more often, less often, or with about the same frequency in the past three years as compared to previous years?

- 3 - More often
- 2 - With about the same frequency
- 1 - Less often

-----End Web pg -----

*This summer*, have you experienced any of the following kinds of events in the area around where you live? Please indicate all that apply. [RANDOMIZED LIST: 1 INDICATES SELECTED]

- evntexp\_wind:** Extreme high winds
- evntexp\_drgh:** Drought
- evntexp\_rain:** Extreme rainstorms
- evntexp\_flood:** Floods
- evntexp\_torn:** Tornadoes
- evntexp\_fire:** Wildfires
- evntexp\_ethqk:** Earthquakes
- evntexp\_heat:** Extreme hot temperatures
- evntexp\_hail:** Hail storms

-----End Web pg -----

In the area around where you live, would you say that the following kinds of events have happened more frequently, less frequently, or with about the same frequency *this summer* as in *previous summers?*

[RANDOMIZED TABLE]

- evntfreq\_wind:** Extreme high winds
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_rain:** Extreme rainstorms
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_torn:** Tornadoes
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_fire:** Wildfires
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_ethqk:** Earthquakes
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_heat:** Extreme hot temperatures
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfreq\_hail:** Hail storms
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

-----End Web pg -----

Looking to the future and again thinking about the area around where you live, do you think that the following kinds of events will happen more frequently, less frequently, or with about the same frequency over the *next few summers* as they have *this summer?* [There is no right answer; please provide your best guess.][RANDOMIZED TABLE]

- evntfutfreq\_wind:** Extreme high winds
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_drgh:** Drought
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_rain:** Extreme rainstorms
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_flood:** Floods
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_torn:** Tornadoes
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_fire:** Wildfires
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_ethqk:** Earthquakes
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_heat:** Extreme hot temperatures
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

- evntfutfreq\_hail:** Hail storms
- 3 - More frequently
- 2 - With about the same frequency
- 1 - Less frequently

-----End Web pg -----

As you may know, some parts of Oklahoma have experienced an increase in earthquakes over the last few years.

**ethqk\_risk:** On a scale from zero to ten, where zero means *no risk* and ten means *extreme risk*, how much risk do you think earthquakes pose to people and property in Oklahoma?

0 - No risk

1

2

3

4

5

6

7

8

9

10 - Extreme risk

**ethqk\_cause:** In your view, what is the *primary* cause of the increase in earthquakes that some parts of Oklahoma have experienced over the last few years?

[RANDOMIZE ORDER of 1 and 2]

1 - Natural shifts of tectonic plates along fault lines

2 - Human activities such as natural gas extraction and/or wastewater disposal

3 - Don't know

**ethqk\_risk\_mgmt:** On a scale from zero to ten, where zero means *not at all involved* and ten means *extremely involved*, how involved do you think the State of Oklahoma should be in [**ethqk\_risk\_rand:** "managing," "regulating"] the risks associated with earthquakes? [RANDOM ASSIGNMENT OF WORD]

0 - Not at all involved

1

2

3

4

5

6

7

8

9

10 - Extremely involved

**ethqk\_risk\_fed\_mgmt:** On a scale from zero to ten, where zero means *not at all involved* and ten means *extremely involved*, how involved do you think the United States government should be in [**ethqk\_risk\_rand:** "managing," "regulating"] the

risks associated with earthquakes? [RANDOM ASSIGNMENT OF WORD]

0 - Not at all involved

1

2

3

4

5

6

7

8

9

10 - Extremely involved

-----End Web pg -----

The next few questions concern water and energy use at your residence.

[REQUIRED NUMERIC, DECIMALS OK]

What was the approximate total cost (charges for water plus taxes and other fees) of your last water bill?

**wtr\_bill\_totcost:** \$ [VERBATIM; REQUIRE NUMERIC RESPONSE]

**wtr\_bill\_dk:** Don't know [CHECKBOX: 1 INDICATES SELECTED]

**wtr\_use:** As best you can recall, did you use more, less, or about the same amount of water at your residence *this summer* as you did *last summer*?

3 - More

2 - About the same amount

1 - Less

**wtr\_short:** Over the *past few months* (June, July and August 2017), did you experience any water shortages or water use restrictions for your residence?

0 - No

1 - Yes

-----End Web pg -----

Do you (or others in your household) maintain any of the following at your residence? Please indicate all that apply.

**maintain\_lawn** – Residential lawn

**maintain\_flwr** – Flower garden

**maintain\_veg** – Fruit and/or vegetable garden

-----End Web pg -----

[SHOW PAGE ONLY IF AT LEAST ONE BOX IS CHECKED FOR maintain\_lawn, maintain\_flwr, or maintain\_veg]

**wtr\_freq:** During *this summer*, about how frequently did you (or someone else in your household) water your residential lawn or family garden?

- 1 - Never
- 2 - Less than once a month
- 3 - Once a month
- 4 - Once a week
- 5 - A few times a week
- 6 - Daily

-----End Web pg -----

Were any of the following steps taken to decrease the amount of water used at your residence *this summer*? Please indicate all that apply. [RANDOMIZED LIST (EXCEPT "other"): 1 INDICATES SELECTED]

- wtr\_steps\_flush:** Installed a low-volume or low-flush toilet
- wtr\_steps\_flow:** Installed a low-volume or low-flow showerhead
- wtr\_steps\_bath:** Took shorter or less frequent baths or showers
- wtr\_steps\_lawn:** Watered lawn or garden less frequently
- wtr\_steps\_car:** Washed car less frequently
- wtr\_steps\_leaks:** Repaired leaks
- wtr\_steps\_ldry:** Did laundry less frequently
- wtr\_steps\_othr:** Other (please specify)
- wtr\_steps\_spec:** [VERBATIM]

-----End Web pg -----

**wtr\_qual:** Using a scale of excellent, good, fair or poor, how would you rate the overall quality of the drinking water at your residence?

- 4 - Excellent
- 3 - Good
- 2 - Fair
- 1 - Poor

**wtr\_safe:** On a scale from zero to ten, where zero means *not at all safe* and ten means *completely safe*, how would you rate the safety of the drinking water at your residence for your health?

- 0 - Not at all safe
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 - Completely safe

-----End Web pg -----

**wtr\_comm:** In your view, are the supplies of water in your region of Oklahoma adequate to meet the needs of your community over the *next 25 years*?

- 5 - Definitely yes
- 4 - Probably yes
- 3 - Unsure
- 2 - Probably no
- 1 - Definitely no

**wtr\_farm:** In your view, are the supplies of water in your region of Oklahoma adequate to meet the needs of farmers and ranchers over the *next 25 years*?

- 5 - Definitely yes
- 4 - Probably yes
- 3 - Unsure
- 2 - Probably no
- 1 - Definitely no

-----End Web pg -----

The next set of questions concern energy use at your residence.

Which of these energy sources did you use at your residence *this summer* (June, July and August 2017)? Please indicate all that apply.

- enrgy\_sourc\_elec:** Electricity
- enrgy\_sourc\_natgas:** Natural Gas
- enrgy\_sourc\_prop:** Propane or Liquefied Petroleum Gas
- enrgy\_sourc\_wood:** Wood
- enrgy\_sourc\_geo:** Geothermal
- enrgy\_sourc\_othr:** Other (please specify)
- enrgy\_sourc\_othr\_spec:** [VERBATIM]

-----End Web pg -----

[THIS PAGE ONLY DISPLAYED IF **enrgy\_sourc\_elec** IS SELECTED]

What was the approximate total cost (including taxes and other fees) of your last electricity bill? [REQUIRED NUMERIC, DECIMALS OK]

- elec\_bill\_totcost:** \$ [VERBATIM; REQUIRE NUMERIC RESPONSE]
- elec\_bill\_dk:** Don't know/Not Applicable [CHECK-BOX: 1 INDICATES SELECTED]

**elec\_use:** As best you can recall, did you use more, less, or about the same amount of electricity at your residence *this summer* as *last summer*?

- 3 - More
- 2 - About the same amount
- 1 - Less

**elec\_out:** During *this summer*, did you experience any electricity outages at your residence?

- 0 - No
- 1 - Yes

-----End Web pg -----

[THIS PAGE ONLY DISPLAYED IF  
**enrgy\_sourc\_natgas** IS SELECTED]

What was the approximate total cost (including taxes and other fees) of your last natural gas bill? [REQUIRED NUMERIC, DECIMALS OK]

**gas\_bill\_totcost:** \$ [VERBATIM; REQUIRE NUMERIC RESPONSE]

**gas\_bill\_dk:** Don't know/Not Applicable [CHECK-BOX: 1 INDICATES SELECTED]

**gas\_use:** As best you can recall, did you use more, less, or about the same amount of natural gas at your residence *this summer* as *last summer*?

- 3 - More
- 2 - About the same
- 1 - Less

-----End Web pg -----

Were any of the following steps taken to decrease the amount of energy used at your residence *this summer*? Please indicate all that apply. [RANDOMIZED LIST (EXCEPT "other"): 1 INDICATES SELECTED]

**enrgy\_steps\_lghts:** Turned lights off

**enrgy\_steps\_ac:** Turned air conditioning down/off

**enrgy\_steps\_savappl:** Installed energy saving appliances

**enrgy\_steps\_unplug:** Unplugged appliances

**enrgy\_steps\_insul:** Added insulation

**enrgy\_steps\_savdoor:** Installed energy saving doors/windows

**enrgy\_steps\_bulbs:** Installed energy saving light bulbs

**enrgy\_steps\_othr:** Other (please specify)

**enrgy\_steps\_othr\_spec:** [VERBATIM]

-----End Web pg -----

The next several questions are about important issues facing policy makers and the people of Oklahoma today.

For each of the following issues, please rate your level of concern using a scale from zero to ten, where zero means you are *not at all concerned* and ten means you are *extremely concerned*. How concerned

are you about each of the following? [RANDOMIZED TABLE]

**cnern\_secure:** Threats to the security of people in Oklahoma, including crime and terrorism

0 - Not at all Concerned

1

2

3

4

5

6

7

8

9

10 - Extremely Concerned

**cnern\_health:** The delivery and cost of healthcare in Oklahoma

0 - Not at all Concerned

1

2

3

4

5

6

7

8

9

10 - Extremely Concerned

**cnern\_energ:** The availability and cost of energy in Oklahoma

0 - Not at all Concerned

1

2

3

4

5

6

7

8

9

10 - Extremely Concerned

**cnern\_trns:** The cost of transportation fuel in Oklahoma, such as gasoline and diesel

0 - Not at all Concerned

1

2

3

4

5

6

7

8

9  
10 - Extremely Concerned

**cnern\_tax:** The cost of state and local taxes in Oklahoma

0 - Not at all Concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Extremely Concerned

**cnern\_edu:** The cost and quality of education in Oklahoma

0 - Not at all Concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Extremely Concerned

**cnern\_econ:** The state of the Oklahoma economy, including jobs and inflation

0 - Not at all Concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Extremely Concerned

**cnern\_natres:** The preservation of natural resources in Oklahoma

0 - Not at all Concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

9  
10 - Extremely Concerned

**cnern\_priv:** The protection of individual privacy in Oklahoma

0 - Not at all concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Extremely concerned

-----End Web pg -----

[NOTE: THIS IS A PEW REPLICATION, PRIVACY PANEL 1, Jan 2014]

Now we have a few questions about privacy, an issue that many people in Oklahoma care about.

To begin, we'd like to know how you feel about a range of information that others might learn about you in daily life. For each kind of information, please indicate how sensitive you consider that information to be—even if some people and organizations already have access to it.

[RANDOMIZED TABLE]

**snstv\_purch:** Your basic purchasing habits – things like the foods and clothes and stores you prefer

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_frnds:** Who your friends are and what they are like

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_loc:** Details of your physical location over a period of time, gathered from the GPS data from your cell phone

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_meds:** The state of your health and the medicines you take

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_pol:** Your political views and the candidates you support

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_media:** The media you like – such as your tastes in music, movies, books, websites, magazines

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_num:** The numbers you have called or texted from your phone

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_rel:** Your religious and spiritual views

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_dating:** Your relationship history, including people you have dated or were romantically involved with in the past

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_dob:** Your birth date

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_ssn:** Your social security number

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_website:** The websites you have visited

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive

- 4 – Very sensitive

**snstv\_srcheng:** Searches you have made using online search engines

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_email:** The content of your email messages

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_text:** The content of your text messages

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

**snstv\_phone:** The content of your phone conversations

- 1 – Not at all sensitive
- 2 – Not too sensitive
- 3 – Somewhat sensitive
- 4 – Very sensitive

-----End Web pg -----

[NOTE: THIS IS A REPLICATION FROM THE CRCM DRONE SURVEY]

Please consider some of the ways in which Internet technologies may be influencing your personal privacy and the speed and convenience with which you can conduct transactions.

[RANDOMIZED TABLE]

**websafe:** How concerned are you that personal information you supply to companies online may not be adequately protected?

- 0 – Not at all concerned
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 – Extremely concerned

**webshare:** How concerned are you that information you provide for online services may be shared with others without your knowledge?

- 0 – Not at all concerned

1  
2  
3  
4  
5  
6  
7  
8  
9  
10 – Extremely concerned

**webgov:** How concerned are you that your use of the Internet (such as information you provide for online services, or a record of your Internet searches, or your email exchanges) may be collected by the federal government without your knowledge?

0 – Not at all concerned

1  
2  
3  
4  
5  
6  
7  
8  
9

10 – Extremely concerned

**webidentity:** How concerned are you about identity theft?

0 – Not at all concerned

1  
2  
3  
4  
5  
6  
7  
8  
9

10 – Extremely concerned

**webmedrec:** How concerned are you that digitized medical records for you or members of your immediate family may be accessed by persons other than the medical professionals that you authorize?

0 – Not at all concerned

1  
2  
3  
4  
5  
6  
7  
8  
9

10 – Extremely concerned

**idtheft:** Have you, personally, ever been the victim of identity theft?

0 – No

1 - Yes

-----End Web pg -----

Now we would like to ask you a few questions about the use of drones (unmanned aircraft systems).

[PHOTO OF A DRONE]

Drones are being developed in many different sizes and designs for a wide variety of non-military uses within the United States. Most drones are unarmed and employed primarily for gathering information using a variety of cameras and sensors; others can be armed with weapons.

Some people argue that the development and employment of drones within the U.S. may create thousands of new jobs and be economically beneficial. But some people argue that, depending on how drones are used and who controls the information they collect, drones may threaten individual privacy, pose a hazard to manned aircraft, and could cause damages to people and property.

Now think specifically about unarmed drones and how unarmed drones might be used within Oklahoma.

For each of the uses below, please indicate your assessment of the potential risks and benefits on a scale from minus five to plus five, where *minus five* means the risks far outweigh the benefits, *zero* means the risks and benefits are equally balanced, and *plus five* means the benefits far outweigh the risks.

[RANDOMIZED TABLE]

**drn\_agric:** Using drones to monitor agricultural conditions

-5 – Risks far exceed benefits

-4

-3

-2

-1

0 – Risks = Benefits

1

2

3

4

5 – Benefits far exceed risks

**drn\_sar:** Using drones to assist search and rescue efforts

-5 – Risks far exceed benefits  
-4  
-3  
-2  
-1  
0 – Risks = Benefits  
1  
2  
3  
4  
5 – Benefits far exceed risks

**drn\_deter:** Using drones to monitor cities and neighborhoods for suspicious activities in an effort to prevent crime

-5 – Risks far exceed benefits  
-4  
-3  
-2  
-1  
0 – Risks = Benefits  
1  
2  
3  
4  
5 – Benefits far exceed risks

**drn\_traffic:** Using drones to monitor vehicular traffic and enforce traffic laws

-5 – Risks far exceed benefits  
-4  
-3  
-2  
-1  
0 – Risks = Benefits  
1  
2  
3  
4  
5 – Benefits far exceed risks

**drn\_relief:** Using drones to assist relief efforts in response to natural disasters such as floods or tornadoes

0 – Risks far exceed benefits  
1  
2  
3  
4  
5 – Risks = Benefits  
6  
7  
8  
9  
10 – Benefits far exceed risks

**drn\_news:** Using drones to provide television coverage of breaking news events

0 – Risks far exceed benefits  
1  
2  
3  
4  
5 – Risks = Benefits  
6  
7  
8  
9  
10 – Benefits far exceed risks

**drn\_cmrc:** Using drones to take photographs for commercial purposes such as real estate photographs

0 – Risks far exceed benefits  
1  
2  
3  
4  
5 – Risks = Benefits  
6  
7  
8  
9  
10 – Benefits far exceed risks

**drn\_amaz:** Using small, pre-programmed drones to quickly deliver light-weight packages to private residences if approved by the Federal Aviation Administration (FAA)

0 – Risks far exceed benefits  
1  
2  
3  
4  
5 – Risks = Benefits  
6  
7  
8  
9  
10 – Benefits far exceed risks

**drn\_wthr:** Using drones to monitor weather conditions

-5 – Risks far exceed benefits  
-4  
-3  
-2  
-1  
0 – Risks = Benefits  
1  
2  
3  
4  
5 – Benefits far exceed risks

**drn\_insp:** Using drones to inspect large equipment or remote infrastructure, such as natural gas pipelines, wind turbines or electric power lines, for maintenance and repair functions

-5 – Risks far exceed benefits

-4

-3

-2

-1

0 – Risks = Benefits

1

2

3

4

5 – Benefits far exceed risks

-----End Web pg -----

As you may know, the issue of global climate change has been the subject of public discussion over the last few years.

**glbcc [REQUIRED]:** In your view, are greenhouse gases, such as those resulting from the combustion of coal, oil, natural gas, and other materials, causing average global temperatures to rise?

0 – No

1 – Yes

-----End Web pg -----

**glbcc\_cert:** On a scale from zero to ten, where zero means not at all certain and ten means completely certain, how certain are you that greenhouse gases are/are not [AUTOFILL “are” IF glbcc = 1; AUTOFILL “are not” IF glbcc = 0] causing average global temperatures to rise?

0 - Not at all certain

1

2

3

4

5

6

7

8

9

10 - Completely certain

**glbcc\_risk:** On a scale from zero to ten, where zero means no risk and ten means extreme risk, how much risk do you think global warming poses for people and the environment?

0 - No risk

1

2

3

4

5

6

7

8

9

10 - Extreme risk

**glbwrn\_ok:** In your view, is global warming causing the weather patterns in Oklahoma to change?

0 - No

1 - Yes

2 - Don't know

-----End Web pg -----

The next few questions are about your life, your health, and your neighborhood.

**time\_outside:** How much time would you say you spent outdoors on a typical summer day?

0 - No time

1 - Less than 1 hour per day

2 - 1–2 hours per day

3 - 2–4 hours per day

4 - More than 4 hours per day

-----End Web pg -----

[SHOW **spent\_outside** ONLY IF **time\_outside** = 1, 2, 3, OR 4]

**spent\_outside:** Is this time spent outdoors for work, for recreation, or both?

1 - Work

2 - Recreation

3 - Both

**cmpr\_time\_outside:** Overall, would you say that you spent more, less, or about the same amount of time outdoors this summer (June, July and August 2017) as compared to previous summers?

3 - More time

2 - About the same amount of time

1 - Less time

-----End Web pg -----

**hlth\_status:** In general, would you say your health is:

5 - Excellent

4 - Very Good

3 - Good

2 - Fair

1 - Poor

-----End Web pg -----

Using a scale from one to seven, where one means you *strongly disagree* and seven means you *strongly agree*, please respond to the following statements about your neighborhood or immediate surrounding area. [RANDOMIZED TABLE]

**ngnbrhd\_deal:** If there is a problem around here, the neighbors get together to deal with it.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

**ngnbrhd\_close:** This is a close-knit neighborhood/area.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

**ngnbrhd\_care:** When you get right down to it, no one in this neighborhood/area cares much about what happens to me.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

**ngnbrhd\_not:** People in this neighborhood/area generally do not get along with each other.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

**ngnbrhd\_eyes:** When I am away from home, I know that my neighbors will keep their eyes open for possible trouble at my place.

- 1 - Strongly Disagree
- 2
- 3
- 4

5

6

7 - Strongly Agree

**ngnbrhd\_help:** If I needed emergency repairs at my residence, I could count on my neighbors to pitch in and help.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

-----End Web pg -----

How frequently do you get information about the WEATHER from each of the following sources? [DROP DOWN CHOICES FOR EACH PROMPT: "Several times a day", "About once a day", "Several times per week", "About once per week", "Less than once per week", "Never"]

**wthr\_info\_paper:** Newspapers

**wthr\_info\_web:** Non-government Internet websites (such as weather.com)

**wthr\_info\_govweb:** Government sponsored Internet websites (such as noaa.gov, Oklahoma Mesonet)

**wthr\_info\_loctv:** Local TV (television) news

**wthr\_info\_cabtv:** Cable TV (television) news (such as The Weather Channel)

**wthr\_info\_radio:** Radio

**wthr\_info\_fam:** Family, friends or colleagues

**wthr\_info\_soc:** Social Media, such as Facebook and Twitter

**wthr\_info\_phone:** Cell phone applications or automated text messages

**wthr\_info\_othr:** Other (please specify)

**wthr\_info\_othr\_spec:** [VERBATIM]

-----End Web pg -----

Scholars have learned that information often influences the way in which people answer survey questions. With this in mind, we are interested in whether you are taking the time to read the text that precedes each question. So, in order to demonstrate that you have read this text, please ignore the question below and click on the blue dot.

**dot\_answer:** Which of the following devices do you typically use to answer surveys on the Internet?

- 1 - A computer
- 2 - A tablet (like an iPad or a Kindle)
- 3 - A smart phone (like an Android phone or iPhone)

-----End Web pg -----

Thank you very much for your participation in the Oklahoma Weather, Society and Government Survey! We greatly appreciate your time and attention. As a token of our appreciation, you will be receiving a \$10 gift card in the mail within the next few weeks.

**giftcard\_selection:** Please select the type of gift card you would most like to receive from the four options shown below. You will be able to change your selection each time you complete the survey. Please note, if you do not make a selection from the choices below, we will select a \$10 Walmart gift card for you.

1 - \$10 Walmart gift card

2 - \$10 7-Eleven gift card  
3 - \$10 Sonic gift card  
4 - \$10 Braum's gift card

To help us ensure that your gift card arrives quickly, please verify that our records are correct: [VERBATIM; AUTOFILLED WITH PRIOR DATA; EDITABLE]

**confirm\_zip:** Zip: [AUTOFILL ZIP; REQUIRED 5-DIGIT NUMERIC]

**confirm\_county:** What is the name of the county where you live? [DROP DOWN LIST OF ALL OKLAHOMA COUNTIES]

-----End Web pg -----

NOTES: This dataset includes the following that do *not* correspond with questions on the instrument:

**user\_id:** respondent id

**wave\_id:** wave id

**click\_bluedot:** 1 if participant clicked blue dot instead of responding to dot\_answr

**begin\_datetime:** date/time respondent started the survey (Unix time)

**end\_datetime:** date/time respondent completed the survey (Unix time)

**time\_taken:** time between survey commencement and completion (minutes)

**is\_statewide:** 1 if participant is in the statewide sample

**is\_kiamichi:** 1 if participant lives within the Kiamichi watershed study region

**is\_payne:** 1 if participant lives within the Payne Co./Cimarron watershed study region

**is\_washita:** 1 if participant lives within the Washita watershed study region

**is\_canadian:** 1 if participant lives within the North Canadian watershed study region

**is\_okcity:** 1 if participant lives within the Oklahoma City watershed study region