WILDFIRE AND RISK COMMUNICATION STUDY: SURVEY INSTRUMENT
Date: XXXX; Respondents = XXXX; Median Time = XXXX min

You are invited to participate in this study that seeks to understand public views of wildfires and their potential impact on society and the environment. You were selected as a possible participant because you volunteered to participate in online surveys through Qualtrics or one of its partners.

If you agree to participate, you will complete this online survey.

There are no risks or benefits.

If you participate, you will be compensated according to your agreement with your online survey provider.

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. The University of Oklahoma cannot provide assurances as to how this online survey system is permitted to use the data you provide.

If you have questions about this research, please contact the Institute for Public Policy Research and Analysis at the University of Oklahoma, at 405-325-1720 or at hjsmith@ou.edu.

You can also contact the University of Oklahoma – Norman Campus Institutional Review Board at 405-325-8110 or 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. This research has been approved by the University of Oklahoma, Norman Campus IRB.

IRB Number: 13811
Approval date: 09/16/2021

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

age: How old are you? [verbatim; require numeric; IF < 18 SKIP TO END OF SURVEY]

gend: Are you male or female?
0 - Female
1 - Male

hisp: 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: [VERATIM]

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

state: Please select the state or district where your primary residence is located.

zip: What is the five digit zip code at your residence? [VERATIM; REQUIRE 5-DIGIT NUMERIC]

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

Approximately how long have you lived at your current address or any other address within the same zip code area? **long_years**: **[**VERBATIM; REQUIRE NUMERIC] years and **long_months**: [VERBATIM, REQUIRE NUMERIC <12] months.

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

[SHOW IF **long_years** < 5]

last_state: Using the dropdown list, please select the state or district where your previous residence was located.

last_state_othr_spec: Other location (please specify) [VERBATIM]

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

now: Please indicate which of the following statements applies to you.
0 - I am completing this survey from my current primary residence.
1 - I am completing this survey from a location that is not my current primary residence.

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

rural: Which of the following categories best describes the location of your current primary residence?
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

home: Which of the following categories best describes the nature of your current primary residence?
1 - Stand-alone (detached) permanent structure such as a house
2 - Condominium, town-house, or duplex that is attached to another structure
3 - Apartment or dormitory room that is part of a larger residential complex
4 - Mobile home (whether placed on a permanent foundation or not)
5 - Boat, boathouse, ship, dock, or other floating structure
6 - Other type (please specify)
home_spec: [VERBATIM]

rent: Which of the following categories best describes your living arrangements at your current primary residence?
1 - Live with family or friends and do not pay rent
2 - Pay to rent or lease your primary residence (includes college or other dormitory rooms)
3 - Own your primary residence (includes making mortgage payments or outright ownership with no mortgage payments)

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

adults: ***Including yourself,*** how many ADULTS AGE 18 AND OLDER live in your current primary residence? [VERBATIM; REQUIRE NON-ZERO NUMERIC RESPONSE] adults

children: How many CHILDREN AGE 17 AND YOUNGER live in your current primary residence?

[VERBATIM; REQUIRE NUMERIC RESPONSE] children

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

How do you rate the risk of the following environmental hazards to you and the people in your household? [RANDOM ORDER IN TABLE]

risk_chem: Chemicals in consumer products (such as lead, PFAS, or microplastics)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_out_air: Poor outdoor air quality (such as auto or industrial emissions, or wildfire smoke)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_water: Contaminants in drinking water (such as lead, arsenic, pesticides, or bacteria)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_in_air: Poor indoor air quality (from sources like mold, carbon monoxide, or asbestos)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_waste: Toxic materials in waste sites (such as landfills, Superfund sites, or waste incinerators)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_food: Contaminants in food (such as mercury in fish, or e-coli in vegetables)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_rad: Radiation exposure (from sources like radon in buildings or medical procedures)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

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

[SHOW IF HIGHEST RESPONSE TO **risk_xxx** IS A TIE]
risk_tie: It looks like you gave these environmental hazards the same rating. Please indicate which hazard poses the biggest risk to you and the people in your household.

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

This survey focuses on wildfires, which are defined as *out of control and inadvertent fires that start outdoors in grass, trees, or other combustible vegetation*. Wildfires are different from other outdoor fires, such as prescribed burns, that are intentionally set under controlled conditions. They are also different than indoor fires that start within a structure, rather than outdoors.

wf_affect: Have you ever been affected by a wildfire?
0 - No
1 - Yes

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

wf_likely: How likely do you think it is that the area where you live will be affected by a wildfire in the next 12 months?
1 - Not at all likely
2 - Not very likely
3 - Somewhat likely
4 - Very likely
5 - Extremely likely

wf_sevimp: If the area where you live is affected by a wildfire in the next 12 months, how severe do you think the impacts will be to you or your family?
1 - Not at all severe
2 - Not very severe
3 - Somewhat severe
4 - Very severe
5 - Extremely severe

wf_worry: If the area where you live is affected by a wildfire in the next 12 months, how worried are you that it will affect you or your family?
1 - Not at all worried
2 - Not very worried
3 - Somewhat worried
4 - Very worried
5 - Extremely worried

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

[IF **wf_likely** > 1]

Wildfires pose a variety of threats. When you think about the area where you live, which of these threats are most significant? Please drag the boxes below to rank each threat from most significant (top) to least significant (bottom). [RANDOM ORDER; ARRANGE TEXT].
rank_prop: Property damage
rank_injury: Injury to you or family members
rank_pet: Injury to family pets
rank_inc: Loss of income
rank_hlth: Health effects from smoke or other fire related pollution

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

Now we have some questions about *smoke* from wildfires, which can affect people that live many miles away from wildfires.

wfsm_affect: Have you ever experienced *wildfire smoke*?
0 - No
1 - Yes

wfsm_likely: How likely do you think it is that the area where you live will be affected by *wildfire smoke* in the next 12 months?
1 - Not at all likely
2 - Not very likely
3 - Somewhat likely
4 - Very likely
5 - Extremely likely

wfsm_sevimp: If the area where you live is affected by *wildfire smoke* in the next 12 months, how severe do you think the impacts will be to you or your family?
1 - Not at all severe
2 - Not very severe
3 - Somewhat severe
4 - Very severe
5 - Extremely severe

wfsm_worry: If the area where you live is affected by *wildfire smoke* in the next 12 months, how worried are you that it will affect you or your family?
1 - Not at all worried
2 - Not very worried
3 - Somewhat worried
4 - Very worried
5 - Extremely worried

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

wfsm_freq_est: If you were to guess, about how many days in an average year does *wildfire smoke* affect the area where you live?
1 - Less than 5 days
2 - Between 5 and 25 days
3 - Between 25 and 50 days
4 - Between 50 and 100 days
5 - More than 100 days

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

wfsm_und: Smoke from wildfires can impact public health and the environment. Overall, how would you rate your understanding of these impacts?
1 - Very poor
2 - Poor
3 - Acceptable
4 - Good
5 - Very good

wfsm_risk_1: How do you rate the risk of wildfire smoke to you and your family?
1 - No risk
2 - Low risk

3 - Moderate risk
4 - High risk
5 - Extreme risk

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

Wildfire smoke contains a complex mixture of gases and fine particles. The biggest health threat is from the fine particles, known as particulate matter (PM), that can penetrate deep into the lungs. PM pollution can cause a range of health problems, from burning eyes and a runny nose to heart and lung disease.

Some people are more at risk from wildfire smoke pollution than others. People with heart or lung disease (such as chronic obstructive pulmonary disease, emphysema, or asthma) and diabetes are more at risk than others. Likewise, children (including teenagers) and pregnant women are more at risk than others.

wfsm_risk_2: When you think about this information, how do you rate the risk of wildfire smoke to you and your family?
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

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

air_rec: Some people routinely seek out information about wildfire smoke and outdoor air quality in their area. Others are less likely to pay attention to or look for information about outdoor air quality. Which of these statements best describes your habits?
1 - I pay close attention to outdoor air quality in my area, even when there are no obvious issues.
2 - I pay attention to outdoor air quality in my area, but only when I notice an issue (e.g., hazy or smoky skies)
3 - Sometimes I see information about outdoor air quality (e.g., on the news or on social media), but I don't really look for it.
4 - I rarely pay attention to outdoor air quality in my area.

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

[IF **air_rec** = 1]

Can you tell us why you pay such close attention to outdoor air quality in your area? Please select all that apply.
air_rec_yes_cur: I am curious
air_rec_yes_hlth: I worry about my health (or a family member's health)
air_rec_yes_env: I worry about the environment
air_rec_yes_othr: Something else (please specify)
air_rec_yes_othr_spec: [VERBATIM]

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

[IF **air_rec** = 4]

Can you tell us why you rarely pay attention to outdoor air quality in your area?
air_rec_no_fine: I don't need to because the air quality in my area is fine
air_rec_no_worry: I don't need to because I don't really worry about air quality
air_rec_no_find: I don't know where to find information about air quality
air_rec_no_othr: Something else (please specify)
air_rec_no othr_spec: [VERBATIM]

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

How much do you rely on the following devices or tools for information about wildfire smoke and outdoor air quality in your area? If you do not live in an area that experiences wildfire smoke, imagine that you are potentially affected while traveling to an area that does. [RANDOMIZE]

rely_bdrad: Radio
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_tv: Television
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_int: Internet websites
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_soc: Social media (such as Twitter or Facebook)
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_wom: Word-of-mouth
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_phone: Cell phone applications or notifications
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_home: Home monitoring devices (such as sensors from PurpleAir)
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_elec: Other electronic devices (such as an Apple Watch)
1 - Not at all

2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_print: Print media (such as newspapers or magazines)
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 – Extensively

rely_chan_othr_spec: Something else [please specify] [VERBATIM]
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

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

In addition to devices or tools, individuals rely on a variety of people and organizations (sources) to get current information about wildfire smoke and outdoor air quality in their area. How much do you rely on the following *sources* of information? If you do not live in an area that experiences wildfire smoke, imagine that you are potentially affected while traveling to an area that does. [RANDOMIZE]

rely_epa: U.S. Environmental Protection Agency (EPA)
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_nws: U.S. National Weather Service (NWS)
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_news: News reporters or meteorologists
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_usfs: U.S. Forest Service
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_st: State agencies, such as a Department of Environmental Quality
1 - Not at all

2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_loc: Local officials, such as an emergency manager or sheriff's office
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_priv: Private companies, such as IQAir or PurpleAir
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_fr: Friends, neighbors, family, co-workers, or other acquaintances
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

rely_source_othr_spec: Something else [please specify] [VERBATIM]
1 - Not at all
2 - Not very much
3 - Somewhat
4 - Very much
5 - Extensively

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

info_aqi: A variety of government agencies collaborate with the U.S. Environmental Protection Agency (EPA) to produce the U.S. Air Quality Index (AQI), a measure that tracks outdoor air pollution (including fine particles from wildfire smoke) in the U.S. How often do you get information about the AQI in your area?
0 - Never
1 - Rarely
2 - Sometimes
3 - Often
4 - Always

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

[IF **info_aqi** = 2, 3 OR 4]

How do you get information about the Air Quality Index (AQI) in your area? Please check all that apply.
aqi_twt: Twitter
aqi_fcb: Facebook
aqi_int: Internet website (such as airnow.gov)
aqi_app: Phone application
aqi_tv: Television (such as a news station)
aqi_rad: Radio (such as a news station)
aqi_elec: Other electronic device (such as an Apple Watch)

aqi_othr: Something else (please specify)
aqi_othr_spec: [VERBATIM]

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

[IF **info_aqi** = 0 OR 1]

Can you tell us why you rarely get information about the Air Quality Index (AQI) in your area? Please check all that apply.
info_aqi_why_find: I don't know where to find it
info_aqi_why_comp: It is usually too complicated
info_aqi_why_trust: I don't trust the EPA
info_aqi_why_heard: I had not heard about the AQI before taking this survey
info_aqi_why_othr: Something else (please specify)
info_aqi_why_othr_spec: [VERBATIM]

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

[IF **wfsm_affect** = 1]

Now we want you to think about your *most recent* experience with wildfire smoke.

last_act: Did you take any steps to limit your exposure to the smoke?
0 - No
1 - Yes

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

[IF **last_act** = 1]

last_act_spec: What did you do to limit your exposure to the smoke? [VERBATIM]

last_act_satis: Looking back, do you think the actions you took were sufficient to protect your health?
1 - Definitely no
2 - Probably no
3 - Not sure
4 - Probably yes
5 - Definitely yes

last_act_again: How likely is it that you would take the same actions again if you found yourself in the same situation in the future?
1 - Very unlikely
2 - Somewhat unlikely
3 - About as likely as not
4 - Somewhat likely
5 - Very likely

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

[IF **last_act** = 0]

Can you tell us why you did not do anything to limit your exposure to smoke? Please select all that apply.
last_act_no_necess: I didn't think it was necessary
last_act_no_know: I didn't know what to do
last_act_no_option: I didn't have an option (e.g., I had to go to work)
last_act_no_othr: Something else (please specify)

last_act_no_othr_spec: [VERBATIM]

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

To the best of your knowledge, which of these actions limit your exposure to wildfire smoke? Please select all that apply.
know_close: Close windows and doors
know_ac: Run air conditioner on recirculate
know_pur: Use a HEPA air purifier (cleaner)
know_filt: Use high-efficiency filters in your HVAC system
know_mask: Wear an N95 mask

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

Please tell us if you agree or disagree with the following statements. If you do not live in an area that experiences wildfire smoke, imagine that you are potentially affected while traveling to an area that does. [RANDOMIZE]

prof_info: I know where to get current and trustworthy information about wildfire smoke.
1 - Strongly disagree
2 - Disagree
3 - Neither disagree nor agree
4 - Agree
5 - Strongly agree

prof_aware: If wildfire smoke is in my area, I am confident that I will know about it.
1 - Strongly disagree
2 - Disagree
3 - Neither disagree nor agree
4 - Agree
5 - Strongly agree

prof_know_imp: I know how wildfire smoke may impact my health and my family's health.
1 - Strongly disagree
2 - Disagree
3 - Neither disagree nor agree
4 - Agree
5 - Strongly agree

prof_know_act: I know what I can do to limit my exposure to wildfire smoke.
1 - Strongly disagree
2 - Disagree
3 - Neither disagree nor agree
4 - Agree
5 - Strongly agree

prof_take_act: If wildfire smoke is in my area, I will take actions to limit my exposure to it.
1 - Strongly disagree
2 - Disagree
3 - Neither disagree nor agree
4 - Agree
5 - Strongly agree

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

Next, we are going to show you some example messages about wildfire smoke and ask you how you might act in response to the messages if you were in the affected area. We know this can be difficult without more information. Just give us your first impression.

[**rand_hia:** hazard] We are expecting heavy smoke from wildfires in northern California this morning!
[**rand_hia_is_image:** no image | image]

[**rand_hia:** hazard_impact] We are expecting heavy smoke from wildfires in northern California this morning! The smoke will contain fine particles that may cause health problems like shortness of breath, headaches, nausea, and eye, nose, and throat irritation. [**rand_hia_is_image:** no image | image]

[**rand_hia:** hazard_action] We are expecting heavy smoke from wildfires in northern California this morning! If possible, stay inside, close windows, and use a HEPA air filter; wear an N95 mask if you go outside.
[**rand_hia_is_image:** no image | image]

[**rand_hia:** hazard_impact_action] We are expecting heavy smoke from wildfires in northern California this morning! The smoke will contain fine particles that may cause health problems like shortness of breath, headaches, nausea, and eye, nose, and throat irritation. If possible, stay inside, close windows, and use a HEPA air filter; wear an N95 mask if you go outside. [**rand_hia_is_image:** no image | image]

If you saw this message and you were in northern California...

hia_cncrn: How concerned would you be about the smoke?
1 - Not at all concerned
2 - Not very concerned
3 - Somewhat concerned
4 - Very concerned
5 - Extremely concerned

hia_act: Would you take actions to limit your exposure to the smoke?
1 - Definitely no
2 - Probably no
3 - Not sure
4 - Probably yes
5 - Definitely yes

hia_act_conf: How confident are you that the actions you might take to limit your exposure to the smoke would be effective?
1 - Not at all confident
2 - Not very confident
3 - Somewhat confident
4 - Very confident
5 - Extremely confident

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

Here is a different message.

Wildfire smoke is affecting air quality in Oakland, CA this morning. Currently the Air Quality Index (AQI)
[**rand_aqi**: is 241 | indicates very unhealthy conditions | is 241, which indicates very unhealthy conditions]!
[**rand_aqi_img**: no image | table | gauge]

If you saw this message and you were in Oakland...

aqi_cncrn: How concerned would you be about the smoke?
1 - Not at all concerned

2 - Not very concerned
3 - Somewhat concerned
4 - Very concerned
5 - Extremely concerned

aqi_act: Would you take actions to limit your and your family's exposure to the smoke?
1 - Definitely no
2 - Probably no
3 - Not sure
4 - Probably yes
5 - Definitely yes

aqi_act_conf: How confident are you that the actions you might take to limit your exposure to the smoke would be effective?
1 - Not at all confident
2 - Not very confident
3 - Somewhat confident
4 - Very confident
5 - Extremely confident

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

Now we want you to think about the future.

[**rand_source:** Government officials | Scientists | Agricultural extension specialists] agree that [**rand_cause:** forest management practices are | climate change is | forest management practices and climate change are] causing wildfires to increase in frequency and severity in the U.S., exposing an increasingly large portion of U.S. residents to the health impacts of wildfire smoke.

future_few: When you think about the next few years, do you think the risk (frequency and severity) of wildfire smoke will increase, decrease, or stay about the same in the area where you live?
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_many: When you think about the next 20 to 30 years, do you think the risk (frequency and severity) of wildfire smoke will increase, decrease, or stay about the same in the area where you live?
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

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

Future projections about the causes and impacts of wildfire smoke are complex, so getting information you can trust is important. How much do you trust information from the following groups and organizations? [table; randomize]

trust_university: University scientists
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_nonprofit: Nonprofit research organizations
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_federal: Federal agencies
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_state: State agencies
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_local: Local agencies and officials
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_news: News media
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

----------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: 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 [“are” if **glbcc** = 1; “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

glbwrm_ok: In your view, is global warming causing the weather patterns in [**state**] to change?
0 - No
1 - Yes
2 - Don't know

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

Now, we have some basic questions about how you assess various probabilities and risks. For the next few questions, please do not use a calculator but feel free to make notes or use paper if needed.

cointoss: Imagine that we flip a fair coin 1,000 times. What is your best guess about how many times the coin would come up heads in 1,000 flips? [VERBATIM; REQUIRED NUMERIC, ALLOW DECIMAL] [Answer = 500]

bigbucks: In the BIG BUCKS LOTTERY, the chance of winning a $10 prize is 1%. What is your best guess about how many people would win a $10 prize if 1,000 people each buy a single ticket to BIG BUCKS? [VERBATIM; REQUIRED NUMERIC] [Answer = 10]

acme_pub: In ACME PUBLISHING SWEEPSTAKES, the chance of winning a car is 1 in 1,000. What percent of tickets to ACME PUBLISHING SWEEPSTAKES win a car? [VERBATIM; REQUIRED NUMERIC, ALLOW DECIMAL] percent [Answer = 0.1]

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

your_hlth_status: In general, would you say your health is:
1 - Poor
2 - Fair
3 - Good
4 - Very Good
5 - Excellent

fam_hlth_status: In general, would you say your family's health is:
1 - Poor
2 - Fair
3 - Good
4 - Very Good

5 - Excellent

ins: Do you have health insurance?
0 - No
1 - Yes

time_outside: How much time would you say you spend outdoors on a typical 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 ----------

[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

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

income: Was the estimated annual income for your household in 2021:
1 - Less than $50,000 [go to **inc50**]
2 - At least $50,000 but less than $100,000 [go to **inc100**]
3 - At least $100,000 but less than $150,000 [go to **inc150**]
4 - $150,000 or more [go to **inc200**]

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

inc_50: Was the estimated annual income for your household in 2021:
1 - Less than $10,000
2 - $10,000 to less than $20,000
3 - $20,000 to less than $30,000
4 - $30,000 to less than $40,000
5 - $40,000 to less than $50,000

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

inc_100: Was the estimated annual income for your household in 2021:
6 - $50,000 to less than $60,000
7 - $60,000 to less than $70,000
8 - $70,000 to less than $80,000
9 - $80,000 to less than $90,000
10 - $90,000 to less than $100,000

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

inc_150: Was the estimated annual income for your household in 2021:
11 - $100,000 to less than $110,000
12 - $110,000 to less than $120,000
13 - $120,000 to less than $130,000
14 - $130,000 to less than $140,000
15 - $140,000 to less than $150,000

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

inc_200: Was the estimated annual income for your household in 2021:
16 - $150,000 to less than $160,000
17 - $160,000 to less than $170,000
18 - $170,000 to less than $180,000
19 - $180,000 to less than $190,000
20 - $190,000 to less than $200,000
21 - $200,000 or more

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

edu: 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

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

Research shows that information can influence the way that people answer survey questions. We would like to know if you generally read the information that comes before survey questions. To demonstrate that you have read this text, please ignore the question below and click on the blue dot.

ign_instruct: Which of the following devices do you typically use to answer surveys on the Internet?
1 - A computer
2 - A tablet (such as an iPad)
3 - A smart phone (such as an Android or iPhone)

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

comments: Is there anything else that you would like us to know about wildfire smoke?