

**Date:**  
**Survey location:**

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

- Yes
- No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 40

3. Which gender do you identify with?

- A woman
- A man
- Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

- White / Caucasian
- Hispanic or Latino
- Black or African American
- Native American / American Indian or Alaskan Native
- Asian / Pacific Islander
- Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

- 8th grade or less
- Some high school, no diploma
- High school graduate, diploma or GED
- Some college, no degree
- Associates degree
- Bachelor's degree
- Master's degree
- Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

- \$25,000 or less
- \$25,000 to \$49,999
- \$50,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities all the above
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
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19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take Stay in
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

*None*

**Date:**  
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### DEMOGRAPHIC DATA

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Yes  
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Fill in the blank 41

3. Which gender do you identify with?

A woman  
 A man  
 Other \_\_\_\_\_

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White / Caucasian  
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 Black or African American  
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5. What is the ZIP Code where you currently live?

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6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less  
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 \$75,000 to \$99,999  
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## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Running, camping, gardening
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

Daily

- A few times per week
- Once per week
- Less than once per week, but more than once per month
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- Other \_\_\_\_\_

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- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

I would check my phone to see the air quality  
to decide if we would walk the  
mile to the school for their summer  
lunch program

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

Especially in Aug.

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

Kids get restless so we would visit  
a park close by for ~~about~~ about 15 min.

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

Though I would also ~~also~~ observe  
what the weather looked like outside

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
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- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take Wear a mask  
Stay inside  
plung my nose when outside
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

Any time ~~life~~ Lives are at  
stake its important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

Take medication

Wear a mask to protect your lungs

Take long showers

Visit a doctor or nurse

Visit a doctor's office for asthma or smoke-related lung issues

Use a personal air filtration system in your home or office

Go to buildings that have air filtration systems like the mall or public library

Miss work due to health problems

Date: 9/15/2018  
 Survey location: KMS

### DEMOGRAPHIC DATA

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Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 32

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83686

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

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## ACTIVITY DATA

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- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities *Swimming*
- No (skip to question 11) *parks*  
*BBQ's*  
*Volleyball*

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

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## AIR QUALITY NOTIFICATION

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  - Other \_\_\_\_\_

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- 4-5 days
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- Yes
- No
- Not applicable

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- 0 days
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- Wildfire information
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- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

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21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

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- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
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22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
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- Yes, I have done this in the past.
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**Date:**  
**Survey location:**

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3. Which gender do you identify with?

A woman  
 A man  
 Other \_\_\_\_\_

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5. What is the ZIP Code where you currently live?

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## ACTIVITY DATA

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- Excellent
- Good
- Fair
- Poor

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- Yes – Please list the activities Farming
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

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- Yes – Please list the actions you might take \_\_\_\_\_
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- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

**Date:**  
**Survey location:**

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 33

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 830e34

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities *Boating, hiking, parks, Sports*
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take Stay in doors
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

daughter has asthma & I am allergic to smoke, I have had to start treatments to deal w/ smoke

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18

Survey location: Kuna

**DEMOGRAPHIC DATA**

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 39

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83644

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Biking, Hiking, Running, Yard WORK
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

*Daughter w/ Asthma*

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date:  
Survey location:

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 46

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83642

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities running, hiking, fishing, gardening
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

Yes

No

Not sure *a lot are caused by man*

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

Much less severe/important

Somewhat less severe/important

About as severe/important

Somewhat more severe/important

Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

Yes, I have done this in the past.

Yes, I would consider it

No

Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

Yes

No

Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

Wheezing or whistling in the chest

Itchy or watery eyes

Irritated eyes

Sneezing or a runny or blocked nose

Dry irritated nose / sinuses

A sore or irritated throat

A cold

A dry cough at night

A dry cough first thing in the morning

A dry cough at other times of the day

A wet cough (congestion in the chest or phlegm production)

Bronchitis

An asthma attack

Headaches

Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication *allergy med.*
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9-5-18  
 Survey location: Kuna

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 42

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83646

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities *Hiking, camping, fishing, biking, walking dogs*
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take stay in if in the orange
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: Sept. 5, 2018  
 Survey location: KUNA

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 44

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Hiking, floating the river
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18  
 Survey location: Kuna

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 40

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities All above
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date:  
Survey location:

*Kuna*

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

- Yes
- No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 54

3. Which gender do you identify with?

- A woman
- A man
- Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

- White / Caucasian
- Hispanic or Latino
- Black or African American
- Native American / American Indian or Alaskan Native
- Asian / Pacific Islander
- Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83434

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

- 8th grade or less
- Some high school, no diploma
- High school graduate, diploma or GED
- Some college, no degree
- Associates degree
- Bachelor's degree
- Master's degree
- Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

- \$25,000 or less
- \$25,000 to \$49,999
- \$50,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:
- Excellent
  - Good
  - Fair
  - Poor
9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?
- Yes – Please list the activities \_\_\_\_\_
  - No (skip to question 11)
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?
- Daily
  - A few times per week
  - Once per week
  - Less than once per week, but more than once per month
  - Rarely – A few times during the summer
  - Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?
- Yes
  - No
12. Do you ever seek out information related to wildfire and smoke notifications?
- a. Yes
  - b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply]
- Social media (like Facebook, Instagram, Twitter)
  - Television
  - Online news sources
  - Newspapers
  - Friends or Family
  - Personal observation
  - State agencies such as Department of Environmental Quality website
  - Idaho Smoke Information Blog
  - Federal sources such as AIRnow.gov website
  - Dynamic road sign displays (such as the signs on I-184 or I-84)
  - Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9-5-18  
 Survey location: KUNA

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 49

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83034

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities CAMPING, ATVs, GARDENING
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week - GARDENING
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

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- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

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- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18  
Survey location: Kuna

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 29

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83702

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities hiking, fishing
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

Content

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

*None*

Date: 9/5/18  
 Survey location: Kuna Middle School

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 45

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83709

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes Please list the activities \_\_\_\_\_
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
  - Newspapers
  - Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes *mild - Congestion watery eyes.*
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date:  
Survey location:

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes  
 No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 38

3. Which gender do you identify with? A M I.

A woman  
 A man  
 Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian  
 Hispanic or Latino  
 Black or African American  
 Native American / American Indian or Alaskan Native  
 Asian / Pacific Islander  
 Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less  
 Some high school, no diploma  
 High school graduate, diploma or GED  
 Some college, no degree  
 Associates degree  
 Bachelor's degree  
 Master's degree  
 Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less  
 \$25,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities CAMPING, BIKING, HIKING, JOGGING
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

*Red*

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

NO

**Date:**  
**Survey location:**

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes  
 No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 45

3. Which gender do you identify with?

A woman  
 A man  
 Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian  
 Hispanic or Latino  
 Black or African American  
 Native American / American Indian or Alaskan Native  
 Asian / Pacific Islander  
 Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83686

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less  
 Some high school, no diploma  
 High school graduate, diploma or GED  
 Some college, no degree  
 Associates degree  
 Bachelor's degree  
 Master's degree  
 Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less  
 \$25,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities swimming, boating
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No sometimes - but usually only sports related.

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes sometimes I see a concern & need info
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

Yes

- No
- Not applicable

*mostly exercise related*

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

*not sure!*

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

sports cancelled or altered practices  
indoor related.

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

message sent to sports leagues / schools  
22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

I don't think extra funds should be allocated for alerts excessively  
majority of public can tell if smoke

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

*so don't interrupt unless  
homes / businesses etc. in danger*

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

*depends on damage*

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

*occasionally respiratory symptoms  
mild*

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9. 5-18  
 Survey location: *Kane*

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 562

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83642

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities \_\_\_\_\_
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take *pay attention to weather channel on phone*
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18

Survey location: Kuna Middle School

**DEMOGRAPHIC DATA**

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 33

3. Which gender do you identify with?

A woman

A man

Other Ivanka Trump ☺

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities kayaking, camping
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply] **NA**

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18  
Survey location: KUMA

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 59

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83607

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities CAMPING - WALKING
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other ID POWER (Husband)

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 1-5-18  
 Survey location: Kiva

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No - If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 42

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Biking
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
  - Once per week
  - Less than once per week, but more than once per month
  - Rarely – A few times during the summer
  - Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18  
 Survey location: KWW

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?  
 Yes  
 No – If you do not consent to participate, please do not complete this survey
2. What is your age?  
 Fill in the blank 31
3. Which gender do you identify with?  
 A woman  
 A man  
 Other \_\_\_\_\_
4. What racial or ethnic group best describes you?  
 White / Caucasian  
 Hispanic or Latino  
 Black or African American  
 Native American / American Indian or Alaskan Native  
 Asian / Pacific Islander  
 Other \_\_\_\_\_
5. What is the ZIP Code where you currently live?  
 Fill in the blank 83634
6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  
 8th grade or less  
 Some high school, no diploma  
 High school graduate, diploma or GED  
 Some college, no degree  
 Associates degree  
 Bachelor's degree  
 Master's degree  
 Ph.D, M.D., J.D. or similar
7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.  
 \$25,000 or less  
 \$25,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Camping, hiking, gardening  
Swimming
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 8/5/2018

Survey location: Kuna middle  
Foot Ball Game**DEMOGRAPHIC DATA**

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

 Yes No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 65

3. Which gender do you identify with?

 A woman A man Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

 White / Caucasian Hispanic or Latino Black or African American Native American / American Indian or Alaskan Native Asian / Pacific Islander Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83642

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

 8th grade or less Some high school, no diploma High school graduate, diploma or GED Some college, no degree - surgical technology Associates degree Bachelor's degree Master's degree Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

 \$25,000 or less \$25,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Camping swimming
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes From TV
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take stay in
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

— None

Date:  
Survey location:

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 28

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83042

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Camping, Walking
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9-5-18  
 Survey location: Kuwe

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 41

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83654

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities
- No (skip to question 11)

*Hiking, Biking, Swimming*

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

Take medication

Wear a mask to protect your lungs

Take long showers

Visit a doctor or nurse

Visit a doctor's office for asthma or smoke-related lung issues

Use a personal air filtration system in your home or office

Go to buildings that have air filtration systems like the mall or public library

Miss work due to health problems

Date: 9/5/18  
Survey location: KUMA, 10

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 38

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities -Hiking, sports
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

— None

Date: 9-5-18  
 Survey location: *Home*

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 44

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 33634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities \_\_\_\_\_
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days  
 1 days  
 2 days  
 3 days  
 4-5 days  
 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes  
 No  
 Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days  
 1 to 2 days  
 3 days  
 4 days  
 5 days  
 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good  
 Yellow – Moderate  
 Orange – Unhealthy for Sensitive Groups  
 Red – Unhealthy  
 Purple – Very Unhealthy  
 Maroon – Hazardous  
 I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good  
 Yellow – Moderate  
 Orange – Unhealthy for Sensitive Groups  
 Red – Unhealthy  
 Purple – Very Unhealthy  
 Maroon – Hazardous  
 I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/18  
Survey location: KUNAFI

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No - If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 21

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83146

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:
- Excellent
  - Good
  - Fair
  - Poor
9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?
- Yes – Please list the activities Bike riding
  - No (skip to question 11)
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?
- Daily
  - A few times per week
  - Once per week
  - Less than once per week, but more than once per month
  - Rarely – A few times during the summer
  - Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?
- Yes
  - No
12. Do you ever seek out information related to wildfire and smoke notifications?
- a. Yes
  - b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply]
- Social media (like Facebook, Instagram, Twitter)
  - Television
  - Online news sources
  - Newspapers
  - Friends or Family
  - Personal observation
  - State agencies such as Department of Environmental Quality website
  - Idaho Smoke Information Blog
  - Federal sources such as AIRnow.gov website
  - Dynamic road sign displays (such as the signs on I-184 or I-84)
  - Other pothole man

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

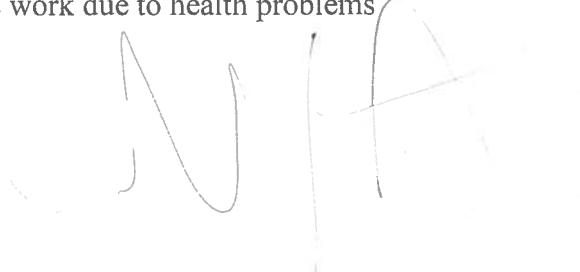
28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

N/A

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems



Date: 9/5/18  
 Survey location: Kiva

## DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 37

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83434

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking,  
fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities \_\_\_\_\_
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

---

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9/5/2018

Survey location: Kuna Middle School (Optimist football)

**DEMOGRAPHIC DATA**

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

- Yes
- No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 53

3. Which gender do you identify with?

- A woman
- A man
- Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

- White / Caucasian
- Hispanic or Latino
- Black or African American
- Native American / American Indian or Alaskan Native
- Asian / Pacific Islander
- Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

- 8th grade or less
- Some high school, no diploma
- High school graduate, diploma or GED
- Some college, no degree
- Associates degree
- Bachelor's degree
- Master's degree
- Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

- \$25,000 or less
- \$25,000 to \$49,999
- \$50,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:
- Excellent
  - Good
  - Fair
  - Poor
9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?
- Yes – Please list the activities Biking, Camping, Walking
  - No (skip to question 11)
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?
- Daily
  - A few times per week
  - Once per week
  - Less than once per week, but more than once per month
  - Rarely – A few times during the summer
  - Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?
- Yes
  - No
12. Do you ever seek out information related to wildfire and smoke notifications?
- a. Yes
  - b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply]
- Social media (like Facebook, Instagram, Twitter)
  - Television
  - Online news sources
  - Newspapers
  - Friends or Family
  - Personal observation
  - State agencies such as Department of Environmental Quality website
  - Idaho Smoke Information Blog
  - Federal sources such as AIRnow.gov website
  - Dynamic road sign displays (such as the signs on I-184 or I-84)
  - Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

---

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

Date: 9-5-18  
 Survey location: Kuna

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 53

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 83634

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D, M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:

- Excellent
- Good
- Fair
- Poor

9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?

- Yes – Please list the activities Biking/other
- No (skip to question 11)

10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?

- Daily
- A few times per week
- Once per week
- Less than once per week, but more than once per month
- Rarely – A few times during the summer
- Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?

- Yes
- No

12. Do you ever seek out information related to wildfire and smoke notifications?

- a. Yes
- b. No (if you answered no to both questions 11 and 12, please skip to question 15)

13. Which source do you use to find wildfire smoke notifications? [Check all that apply]

- Social media (like Facebook, Instagram, Twitter)
- Television
- Online news sources
- Newspapers
- Friends or Family
- Personal observation
- State agencies such as Department of Environmental Quality website
- Idaho Smoke Information Blog
- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other Idaho

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
- A visual infographic or picture
- An online Q&A session (Facebook Live or Instagram Live)
- A video
- A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take \_\_\_\_\_
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

No

Date: 9/5/18  
Survey location: Kona Middle

### DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1. Do you consent to participate in this research study?

Yes

No – If you do not consent to participate, please do not complete this survey

2. What is your age?

Fill in the blank 42

3. Which gender do you identify with?

A woman

A man

Other \_\_\_\_\_

4. What racial or ethnic group best describes you?

White / Caucasian

Hispanic or Latino

Black or African American

Native American / American Indian or Alaskan Native

Asian / Pacific Islander

Other \_\_\_\_\_

5. What is the ZIP Code where you currently live?

Fill in the blank 63687

6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received.

8th grade or less

Some high school, no diploma

High school graduate, diploma or GED

Some college, no degree

Associates degree

Bachelor's degree

Master's degree

Ph.D., M.D., J.D. or similar

7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

\$25,000 or less

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 or more

## ACTIVITY DATA

8. Would you say that in general your health is:
- Excellent
  - Good
  - Fair
  - Poor
9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?
- Yes – Please list the activities Work outside everyday
  - No (skip to question 11)
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?
- Daily
  - A few times per week
  - Once per week
  - Less than once per week, but more than once per month
  - Rarely – A few times during the summer
  - Never

## AIR QUALITY NOTIFICATION

11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?
- Yes
  - No
12. Do you ever seek out information related to wildfire and smoke notifications?
- a. Yes
  - b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply]
- Social media (like Facebook, Instagram, Twitter)
  - Television
  - Online news sources
  - Newspapers
  - Friends or Family
  - Personal observation
  - State agencies such as Department of Environmental Quality website
  - Idaho Smoke Information Blog
  - Federal sources such as AIRnow.gov website
  - Dynamic road sign displays (such as the signs on I-184 or I-84)
  - Other \_\_\_\_\_

14. In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices?

- 0 days
- 1 days
- 2 days
- 3 days
- 4-5 days
- 6-7 days.

15. During summer of 2018, did you *ever* reduce your outside activities due to wildfire smoke?

- Yes
- No
- Not applicable

16. During summer of 2018, think of the *longest* period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?

- 0 days
- 1 to 2 days
- 3 days
- 4 days
- 5 days
- 6 days and more

17. What is the *minimum* air quality index rating that would cause you to reduce your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
- Maroon – Hazardous
- I am not familiar with this rating

18. What is the *minimum* air quality index rating that would cause you to eliminate your outdoor activity on a particular day?

- Green – Good
- Yellow – Moderate
- Orange – Unhealthy for Sensitive Groups
- Red – Unhealthy
- Purple – Very Unhealthy
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19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply]

- Smoke-related health problem statistics
- Air quality information
- Smoke forecasts
- Your own visual observation (seeing the smoke outside)
- Wildfire information
- Advice from your doctor
- Advice from family and friends

20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply]

- Text message
- Phone call
- Social media message
- Online message
- Message seen on television
- Emergency alerts
- Contact from family or friends

21. What was the *content* of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply]

- A short message warning about the risk (1 line of text)
- A short message warning about the risk that included health or other statistics
  - A short statement (roughly 1 paragraph)
  - A visual infographic or picture
  - An online Q&A session (Facebook Live or Instagram Live)
  - A video
  - A conversation (either online, via phone, or in person)

22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities *that same day*?

- I would prefer to know the day before
- Early morning (before 9 AM)
- Late morning (9 AM – noon)
- Afternoon (Noon – 5 PM)
- Evening (5 PM or later)

23. Will you take preventive actions to reduce smoke-related health impacts in the future?

- Yes – Please list the actions you might take Stay indoors
- No
- Not sure

## NATURAL HAZARD QUESTIONS

24. Do you consider wildfire smoke events a natural hazard?

- Yes
- No
- Not sure

25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes?

- Much less severe/important
- Somewhat less severe/important
- About as severe/important
- Somewhat more severe/important
- Much more severe/important

*Depends on your current health*

26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
- Yes, I would consider it
- No
- Prefer not to answer

## HEALTH QUESTIONS

27. Have you, or anyone in your household, experienced wildfire smoke-related illness?

- Yes
- No
- Not sure

28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply]

- Wheezing or whistling in the chest
- Itchy or watery eyes
- Irritated eyes
- Sneezing or a runny or blocked nose
- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
- A dry cough at night
- A dry cough first thing in the morning
- A dry cough at other times of the day
- A wet cough (congestion in the chest or phlegm production)
- Bronchitis
- An asthma attack
- Headaches
- Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check all that apply]

- Take medication
- Wear a mask to protect your lungs
- Take long showers
- Visit a doctor or nurse
- Visit a doctor's office for asthma or smoke-related lung issues
- Use a personal air filtration system in your home or office
- Go to buildings that have air filtration systems like the mall or public library
- Miss work due to health problems

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