

Date: 9/8/18

Survey location: Nampa Lakeview Park

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 83687

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: 9-8-18
Survey location:

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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 83651

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

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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.

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ACTIVITY DATA

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- Excellent
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- Yes – Please list the activities _____
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- Yes
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- Other _____

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- Social media message
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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 visual infographic or picture
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- A video
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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
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- 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
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HEALTH QUESTIONS

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- Yes
- No
- Not sure

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- Dry irritated nose / sinuses
- A sore or irritated throat
- A cold
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- A dry cough first thing in the morning
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- 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: 9/8/18
 Survey location: NAMPA, ID.

DEMOGRAPHIC DATA

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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 67

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 AMERICAN

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

Fill in the blank 83687

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
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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 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?

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- No
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- 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
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- Somewhat more severe/important
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26. Would you consider evacuating your home only because of the wildfire smoke?

- Yes, I have done this in the past.
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- No
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HEALTH QUESTIONS

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

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- No
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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]

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- Irritated eyes
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- Dry irritated nose / sinuses
- A sore or irritated throat
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Date: 9-8-18
Survey location: Nampa, Lahemaw Park

DEMOGRAPHIC DATA

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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 68

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

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

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ACTIVITY DATA

8. Would you say that in general your health is:
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 - Good
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9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?
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- 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 51

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 Farmer / Irrigate
 - 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

N/A

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

None

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: 09.08.18

Survey location: Nampa

Farmer Market

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 34

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 83605

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 *Fishing, walking, swimming, bike riding, dancing, concerts*
- 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-burning, Keep Vehicle healthy,
- 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: 9-8-18

Survey location: Nampa Farmers Market

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 83713

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:
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 105

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 _____
- No (skip to question 11)

Camping work outside

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)
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- Newspapers
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- Federal sources such as AIRnow.gov website
- Dynamic road sign displays (such as the signs on I-184 or I-84)
- Other _____

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- 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
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- 5 days
- 6 days and more

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

I can't. I have
to go out
and water
my produce

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

nothing is physically dangerous unless it

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]

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- A short message warning about the risk that included health or other statistics
- A short statement (roughly 1 paragraph)
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- A video
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- 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 50

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 83704

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 Mountain Biking, hiking, water skiing, wake surfing
- 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: 9/8/18
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 57

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 84005

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, Kayaking
 - 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:

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 71

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 83081

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 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 *ND*
- 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] *7/16*

- 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 55

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 84005

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 *Fishing, Canoeing, Hiking, 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:
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 52

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 83868

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, 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 WEATHER APP.

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:

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 62

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 83687

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 Hiking 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 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

Date: 9/8/18

Survey location: Nampa Downtown Farmer's Market

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 43

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 Farming, 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 *Not burning weeds or orchard clippings from the farm*
- 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
- Earaches

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

Thank you for addressing the issue of poor air quality due to wildfire smoke. It is especially an issue in this area because of the inversion-type symptoms we experience from the mountains. And it seems to be getting worse year after year. We received a lot of wildfire smoke from areas (California, BC Canada) nearby and I always feel bad when Idaho wildfire smoke invades Wyoming, Utah, The Dakotas, and Nevada.

Date: 9-8-2018
Survey location: Nampa, ID

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 83605

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:
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 83105

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 drinking
- 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: 9/8/18

Survey location: Nampa Farmers Market

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 70

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 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] *N/A*

- 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 72

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 83651

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 Staying inside
- 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 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 83706

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
- news
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 _____
- inciweb

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
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- 6 days and more

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- Purple – Very Unhealthy
- Maroon – Hazardous
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- Smoke-related health problem statistics
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- 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]

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

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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)
- 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 *or earlier*
- 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 *may cancel trip*
- 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

None

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 62

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 FISH-GARDEN-HIKE
- 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 INDOORS**
USE INDOOR
AIR FILTERS
- 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 102

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 83706

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 news
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

none

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

If ash was
falling from the
air

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:
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 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 83705

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 *farmers market moving 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

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 63 - 04

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 83685

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 Golf, Gardening, 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 WILDFIRE
- 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 **OVER THE COUNTER**
- 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: 9-8-18

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 71

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 83628

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 *Working 5-6 hr/day in my orchard*
 - 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:

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 51

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 83080

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 Farming with animals
- No (skip to question 11) Camping

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 _____

411 - Idaho Fire Service

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

Still had farming animals
to care for.

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) *w/ cold*
- 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: 9-8-18
 Survey location: Nampa

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 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 *Camping, Fishing, Hiking, 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

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: 9-8-18
Survey location: Nampa

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 74

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 83651

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: 9-8-18
Survey location: Nampa, Idaho

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 72

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 83651

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 gardening, walking, selling outdoors
- 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 indoors AS much as possible w/ windows closed*
- 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: 4.8.18.
 Survey location: Nampa Farmer's Market.

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 83687

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, hiking, gardening, 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:
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 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 83651

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
 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 *wont go outside or open windows at night*
- 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: *Nampa***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 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 Hiking
- 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]

- N | a
- 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

N/a

Date: 9/2/18

Survey location: DOWNTOWN TAMPA Farmer's
Market**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 43

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

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- 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]

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- Miss work due to health problems

Date: 9/8

Survey location: Nampa Farmers Market

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 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 83639

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
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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.

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