Date: 9 16 18
Survey location: Quinns Pond

#### **DEMOGRAPHIC DATA**

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
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 8300
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Bth 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
	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

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 Work of the Strain 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	2. 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)
1:	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

ACTIVITY DATA

forec	smoky week in summer 2018, about how many days did you look online (either on a puter, tablet, or smartphone) for smoke-related information, such as air quality, smoke easts, or health notices?  □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
1	ng summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  ✓ Yes  ✓ No  ✓ Not applicable
elimi reduc [ ] [ [	ng summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or nated your outdoor activities due to a smoke event. How many consecutive days did you see or eliminate activity?  0 days 1 to 2 days 3 days 4 days 5 days 6 days and more
on a r [ [ [ ]	is the minimum air quality index rating that would cause you to reduce your outdoor activity 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
	is the <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outdoor</u> y 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

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	ur outdoor activity during a smoke event, what type of information
	o do so? [Check all that apply]
	ealth problem statistics
Air quality inform	nation
☐ Smoke forecasts	
🖾 Your own visual	observation (seeing the smoke outside)
☐ Wildfire informa	tion
☐ Advice from you	r doctor
☐ Advice from fam	ily and friends
related to wildfire smoke  ✓ Text message  ☐ Phone call ☐ Social media me	all motivate / motivated you to take action to mitigate the risk of issues such as staying indoors or leaving the area? [Check all that apply]
☐ Online message	
☐ Message seen on	
Emergency alert	
Contact from far	nily or friends
negative health impacts of A short message A short message A short statemer A visual infogration An online Q&A	the message(s) that motivated you to take this action to mitigate the of wildfire smoke? [Check all that apply] warning about the risk (1 line of text) warning about the risk that included health or other statistics at (roughly 1 paragraph) phic or picture session (Facebook Live or Instagram Live)  (either online, via phone, or in person)
or avoid outdoor activitie	o know the day before before 9 AM) AM – noon) on – 5 PM)
23. Will you take preventive  ☐ Yes – Please lis ☐ No ☐ Not sure	actions to reduce smoke-related health impacts in the future?  t the actions you might take

	consider wildfire smoke events a natural hazard? Yes No Not sure
importa	ablic health threat, are wildfire smoke events more important, less important, or about as ant 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
	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 QU	UESTIONS
	ou, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the si	have any of the following symptoms during or a few days after one of the smoke events immer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest Itchy or watery eyes Irritated eyes Sneezing or a runny or blocked nose Dry irritated nose / sinuses A sore or irritated throat A cold A dry cough at night A dry cough first thing in the morning A dry cough at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Check
all that apply]
☐ Take medication
☐ Wear a mask to protect your lungs
☐ Take long showers
☐ Visit a doctor or nurse
☐ Visit a doctor's office for asthma or smoke-related lung issues
Use a personal air filtration system in your home or office
Go to buildings that have air filtration systems like the mall or public library
☐ Miss work due to health problems

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If	you are uncomfortable	answering any	of these q	uestions,	you may	leave them	blank.
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1.	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  Other  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 53040
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.    Sth 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
	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 DA	ATA
	ou say that in general your health is: Excellent Good Fair Poor
fishing, g	ammer of 2018, have you engaged in any outdoor activities, such as hiking, biking, gardening, running, or any other outdoor activity?  Yes – Please list the activities  No (skip to question 11)
you've ling in a second point of the second po	ne summer of 2018, how often would you say you've engaged in the outdoor activities sted 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 QUALIT	Y NOTIFICATION
	he summer of 2018, have you ever received an air quality notification message ng you avoid outside activity? Yes No
	ever seek out information related to wildfire and smoke notifications?
	<ul><li>a. Yes</li><li>b. No (if you answered no to both questions 11 and 12, please skip to question 15)</li></ul>
	ource 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

<ul> <li>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?</li> <li>□ 0 days</li> <li>□ 1 days</li> <li>□ 2 days</li> <li>□ 3 days</li> <li>□ 4-5 days</li> <li>□ 6-7 days.</li> </ul>
15. During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  Yes No Not applicable
16. During summer of 2018, think of the <i>longest</i> 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 <i>minimum</i> 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 <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outdoor activity</u> 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 ty 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	pe of information
20. What type of message could motivate / motivated you to take action to mit related to wildfire smoke, such as staying indoors or leaving the area? [Che Text message Phone call Social media message Online message Message seen on television Emergency alerts Contact from family or friends	-
21. What was the <i>content</i> of the message(s) that motivated you to take this action 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 oth 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 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)	your decision to limit
23. Will you take preventive actions to reduce smoke-related health impacts in Yes – Please list the actions you might take No Not sure	the future?

	consider wildfire smoke events a natural hazard? Yes No Not sure
importa	blic health threat, are wildfire smoke events more important, less important, or about as nt 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
	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 QU	ESTIONS
	u, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the su	have any of the following symptoms during or a few days after one of the smoke events mmer 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

# DEMOGRAPHIC DATA

1.	Yes Yes
٠	□ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank 35
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 33710
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Bath 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

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 Miking, Walking, Swiming  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	<ul> <li>During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?</li> <li>✓ Yes</li> <li>☐ No</li> </ul>
12	<ul> <li>2. Do you ever seek out information related to wildfire and smoke notifications?</li> <li>☑ a. Yes</li> <li>☐ b. No (if you answered no to both questions 11 and 12, please skip to question 15)</li> </ul>
13	3. 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 WCOHOLOGO

**ACTIVITY DATA** 

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?  \[ \begin{align*} 0 \text{ days} \\ \begin{align*} 1 \text{ days} \\ \begin{align*} 3 \text{ days} \\ \begin{align*} 4-5 \text{ days} \\ \begin{align*} 6-7 \text{ days}. \end{align*}
15	<ul> <li>During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?</li> <li>✓ Yes</li> <li>☐ No</li> <li>☐ Not applicable</li> </ul>
16.	During summer of 2018, think of the <i>longest</i> 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 <i>minimum</i> 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 <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outdoor activity</u> 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 <i>content</i> 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	<ul> <li>When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities that same day?</li> <li>☐ I would prefer to know the day before</li> <li>☐ Early morning (before 9 AM)</li> <li>☐ Late morning (9 AM – noon)</li> <li>☐ Afternoon (Noon – 5 PM)</li> <li>☐ Evening (5 PM or later)</li> </ul>
23	. Will you take preventive actions to reduce smoke-related health impacts in the future?  \[ \sum \text{ Yes} - \text{Please list the actions you might take} \] \[ \sum \text{ No} \] \[ \sum \text{ Not sure} \]

	consider wildfire smoke events a natural hazard? Yes No Not sure
importar	olic health threat, are wildfire smoke events more important, less important, or about as at 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
	Yes, I have done this in the past. Yes, I would consider it No Prefer not to answer
HEALTH QU	ESTIONS
in the sur	have any of the following symptoms during or a few days after one of the smoke events mmer 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 a <sub>l</sub>	oply]
	Take medication
_ r	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
□ 1	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

#### **DEMOGRAPHIC DATA**

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
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 14526
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  But Bath 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

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 booting gold, running  No (skip to question 11)
10	<ul> <li>During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?</li> <li>□ Daily</li> <li>☒ A few times per week</li> <li>□ Once per week</li> <li>□ Less than once per week, but more than once per month</li> <li>□ Rarely – A few times during the summer</li> <li>□ Never</li> </ul>
AIR	QUALITY NOTIFICATION
11	<ul> <li>During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?</li> <li>☐ Yes</li> <li>☒ No</li> </ul>
12	<ul> <li>Do you ever seek out information related to wildfire and smoke notifications?</li> <li>□ a. Yes</li> <li>□ b. No (if you answered no to both questions 11 and 12, please skip to question 15)</li> </ul>
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

ACTIVITY DATA

compu foreca	noky week in summer 2018, about how many days did you look online (either on a ster, tablet, or smartphone) for smoke-related information, such as air quality, smoke sts, or health notices?  1 0 days 1 1 days 1 2 days 1 3 days 1 4-5 days 1 6-7 days.
	g summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  l Yes l No l Not applicable
elimin reduce <u>X</u>	g summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or ated your outdoor activities due to a smoke event. How many consecutive days did you or eliminate activity?  1 0 days 1 to 2 days 1 3 days 1 4 days 1 5 days 1 6 days and more
on a pa	s the minimum air quality index rating that would cause you to reduce your outdoor activity articular day?  Green – Good  Yellow – Moderate  Orange – Unhealthy for Sensitive Groups  Red – Unhealthy  Purple – Very Unhealthy  Maroon – Hazardous  I am not familiar with this rating
activit	Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous

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]
<ul><li>☐ Smoke-related health problem statistics</li><li>☐ Air quality information</li></ul>
☐ 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 <i>content</i> 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)
<ul> <li>22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities that same day?</li> <li>☑ I would prefer to know the day before</li> <li>☐ Early morning (before 9 AM)</li> <li>☐ Late morning (9 AM – noon)</li> <li>☐ Afternoon (Noon – 5 PM)</li> <li>☐ Evening (5 PM or later)</li> </ul>
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

<b>%</b>	consider wildfire smoke events a natural hazard? Yes No Not sure
importa □ □ Ø	blic health threat, are wildfire smoke events more important, less important, or about as int 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
	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 QU	JESTIONS
⊠ □	ou, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the st	have any of the following symptoms during or a few days after one of the smoke events immer 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

Check

# **DEMOGRAPHIC DATA**

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
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 Other
5.	What is the ZIP Code where you currently live? Fill in the blank <u>§ 3.71.2</u>
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  But 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.    \$\textstyle \text{\$\frac{\text{\$\text{25,000}\$ or less}{\$\text{\$\te

		140
ACTIVIT	ITY DATA	
8. Wc	Vould you say that in general your health is:  Excellent  Good  Fair  Poor	
	Ouring summer of 2018, have you engaged in any outdoor activities, such as hiking, be shing, gardening, running, or any other outdoor activity?  Yes – Please list the activities of No (skip to question 11)	iking,
	Ouring the summer of 2018, how often would you say you've engaged in the outdoor ou'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	activities
AIR QUA	UALITY NOTIFICATION	
	During the summer of 2018, have you ever received an air quality notification messag uggesting you avoid outside activity?  Yes No	е
12. Do	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)	1 15)
13. WI	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

☐ Dynamic road sign displays (such as the signs on I-184 or I-84)

☐ Idaho Smoke Information Blog

□ Other

☐ Federal sources such as AIRnow.gov website

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?  O days  1 days  2 days  3 days  4-5 days  6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  Yes  No  No Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?  O days  1 to 2 days  3 days  4 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
	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

motivat	ecided to limit your outdoor activity during a smoke event, what type of information ed 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
related	rpe of message could motivate / motivated you to take action to mitigate the risk of issues 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
negativ	vas the <i>content</i> of the message(s) that motivated you to take this action to mitigate the e 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)
or avoi	would receiving a smoke warning message be most likely to impact your decision to limit d 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 yo	Yes – Please list the actions you might takeNo No Not sure

	r consider wildfire smoke events a natural hazard? Yes
¥	No Not sure
imports	ablic health threat, are wildfire smoke events more important, less important, or about as ant 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
	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 Q	
	ou, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the s	where any of the following symptoms during or a few days after one of the smoke events 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

#### **DEMOGRAPHIC DATA**

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
	Which gender do you identify with?  A woman  Other
4.	What racial or ethnic group best describes you?  White / Caucasian European Decent There is no such third as white  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 _ 6 > 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Bath 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.    \$\textstyle \text{\$\frac{\text{\$\text{25,000}\$ or less}{\$\text{\$\te

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 win wing the King Biking Rafting No (skip to question 11)  gardening whitewater kapaking  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?
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 I not as reliable in mp opin Dynamic road sign displays (such as the signs on I-184 or I-84)  Other
<del> </del>

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
	G-7 days.
15.	During summer of 2018, did you ever reduce your outside activities due to wildfire smoke?
	Y Yes
	□ No
	□ Not applicable
16	During summer of 2018, think of the <i>longest</i> 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 <i>minimum</i> air quality index rating that would cause you to <u>reduce your outdoor activity</u>
	on a particular day?
	☐ Green – Good
	☐ Yellow – Moderate
	☐ Orange – Unhealthy for Sensitive Groups
	☐ Red – Unhealthy
	Purple – Very Unhealthy Maroon – Hazardous  Merends
	Maroon – Hazardous
	☐ I am not familiar with this rating
18.	What is the <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outdoor</u>
	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
	TE Trattado it a wet bandona
	I am not familiar with this rating  If I gotta do it a wet bandona  and I do it.

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
Me > Advice from family and friends  Me > Wy thout has been value 3 (nee 2 days after 1 & faite
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 <i>content</i> 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)  MYSelf when MY + hroat Hurt Bad  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 Bring well bawarag  No  No sure

Yes   Not sure   Caused mainly	24. Do you consider wildfire smoke events a natural hazard?
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   Somewhat more severe/important   Global warming is human Causes   Much more severe/important   We did it we need to ix; t  26. Would you consider evacuating your home only because of the wildfire smoke?    Yes, I have done this in the past.   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 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	☐ Yes /
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   Somewhat more severe/important   Global warming is human Causes   Much more severe/important   We did it we need to ix; t  26. Would you consider evacuating your home only because of the wildfire smoke?    Yes, I have done this in the past.   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 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	No Human Causel mainly
important as other natural disasters, such as hurricanes or tornadoes?    Much less severe/important   Somewhat less severe/important   About as severe/important   Clopal warming is human Causes     Somewhat more severe/important   We did it we need to ix; t   Much more severe/important   We did it we need to ix; t   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   Itritated 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 at other times of the day   A wet cough (congestion in the chest or phlegm production)   Bronchittis   An asthma attack   Headaches	□ Not sure
important as other natural disasters, such as hurricanes or tornadoes?    Much less severe/important   Somewhat less severe/important   About as severe/important   Clopal warming is human Causes     Somewhat more severe/important   We did it we need to ix; t   Much more severe/important   We did it we need to ix; t   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   Itritated 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 at other times of the day   A wet cough (congestion in the chest or phlegm production)   Bronchittis   An asthma attack   Headaches	
Much less severe/important   Somewhat less severe/important   About as severe/important   About as severe/important   Clopal warming 15 human Causes	25. As a public health threat, are wildfire smoke events more important, less important, or about as
Somewhat less severe/important About as severe/important Much more severe/important More severe/important More severe/important More severe/important More severe/important More severe	
About as severe/important   Goral warming   Shuman Caused   Much more severe/important   We did it   We Need to dix it	
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     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 at other times of the day   A wet cough (congestion in the chest or phlegm production)   Bronchitis   An asthma attack   Headaches	About as severe/important of land warming 15 human Caused
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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   No   Prefer not to answer    HEALTH QUESTIONS     27. Have you, or anyone in your household, experienced wildfire smoke-related illness?   Yes   No   Not sure     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 at other times of the day   A wet cough (congestion in the chest or phlegm production)   Bronchitis   An asthma attack   Headaches	Much more severe/important 122 did it we need to div
Yes, I have done this in the past.   Yes, I would consider it   Yes, I would consider it   Yes   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 at other times of the day   A wet cough (congestion in the chest or phlegm production)   Bronchitis   An asthma attack   Headaches	
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]   Meezing 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	
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### HEALTH QUESTIONS  27. Have you, or anyone in your household, experienced wildfire smoke-related illness?    Yes	☐ Yes, I would consider it
### HEALTH QUESTIONS  27. Have you, or anyone in your household, experienced wildfire smoke-related illness?    Yes	NO  Divofou not to consular
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 at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches	Trefer not to answer
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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]  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 at other times of the day  A wet cough (congestion in the chest or phlegm production)  Bronchitis  An asthma attack  Headaches	
□ 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 at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches	
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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	
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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	28. Did you have any of the following symptoms during or a few days after one of the smoke events
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	Wheezing or whistling in the chest
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	( ) / ·
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	
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	
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☐ 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	
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☐ A wet cough (congestion in the chest or phlegm production) ☐ Bronchitis ☐ An asthma attack ☐ Headaches	A dry cough at other times of the day
☐ Bronchitis ☐ An asthma attack ☐ Headaches	
An asthma attack Headaches	□ Bronchitis
Headaches	
L tallgue	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: 9/6/18 Survey location:

### **DEMOGRAPHIC DATA**

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 47
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  Other
5.	What is the ZIP Code where you currently live? Fill in the blank 83714
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Bath 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.

# 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, ishing, 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	UALITY 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?   O days  days  days  4-5 days  6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  ✓ Yes  ✓ No
	□ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?
	<ul> <li>□ 0 days</li> <li>□ 1 to 2 days</li> <li>□ 3 days</li> <li>□ 4 days</li> <li>□ 5 days</li> <li>□ 6 days and more</li> </ul>
17.	What is the <i>minimum</i> 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 <i>minimum</i> 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 de	ecided to limit your outdoor activity during a smoke event, what type of information
motivate	ed your decision to do so? [Check all that apply]
	Smoke-related health problem statistics
<b>7</b> 5	Air quality information
	Smoke forecasts
V	Your own visual observation (seeing the smoke outside)
400	Wildfire information
	Advice from your doctor
	Advice from family and friends
	pe of message could motivate / motivated you to take action to mitigate the risk of issues
related to	o 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
negative	as the <i>content</i> of the message(s) that motivated you to take this action to mitigate the chealth 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)
or avoid	rould receiving a smoke warning message be most likely to impact your decision to limit 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)
<b>∑</b>	Yes – Please list the actions you might take was a Gum No Not sure

	onsider wildfire smoke events a natural hazard? Yes No Not sure
importan	lic health threat, are wildfire smoke events more important, less important, or about as was 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
	ou 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 QUI	ESTIONS
	n, or anyone in your household, experienced wildfire smoke-related illness? Les No Not sure
in the sur	nave any of the following symptoms during or a few days after one of the smoke events mmer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest techy or watery eyes rritated eyes Sneezing or a runny or blocked nose Ory 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 Tatigue

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**

1.	Do you consent to participate in this research study?  Yes
	□ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank 38
3.	Which gender do you identify with?  ☑ A woman ☐ A man ☐ Other
4.	What racial or ethnic group best describes you?  White / Caucasian  Hispanic or Latino Black or African American  Native American / American Indian or Alaskan Native  Asian / Pacific Islander  Other
5.	What is the ZIP Code where you currently live?  Fill in the blank
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Sth 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.    \$\textstyle \text{\$\frac{\text{\$\text{25,000}\$ or less}{\$\text{\$\te

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 <i>ever</i> reduce your outside activities due to wildfire smoke?  Yes  No  Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?
17.	What is the <i>minimum</i> 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 <i>minimum</i> 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

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 issurelated 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	ues
21. What was the <i>content</i> 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)	
<ul> <li>22. When would receiving a smoke warning message be most likely to impact your decision to line or avoid outdoor activities that same day?</li> <li>☐ I would prefer to know the day before</li> <li>☐ Early morning (before 9 AM)</li> <li>☐ Late morning (9 AM – noon)</li> <li>☐ Afternoon (Noon – 5 PM)</li> <li>☐ Evening (5 PM or later)</li> </ul>	mit
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	

	Yes  No Not sure
25. As a pu importa	Not sure  ablic health threat, are wildfire smoke events more important, less important, or about as ant 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 QU	UESTIONS
	ou, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the si	have any of the following symptoms during or a few days after one of the smoke events ammer 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	i 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
<b>/27</b>	Take long showers
, $\square$	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: 9-6-18 Survey location: QUINNS POND

#### **DEMOGRAPHIC DATA**

1.	Yes  No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank
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 <u>B3705</u>
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.    8th grade or less
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

ACT	IVITY 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 <u>kayaking</u> 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	2. 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	B. 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

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?  O days  O days
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?   O days  1 to 2 days  3 days  4 days  5 days  6 days and more
17.	What is the <i>minimum</i> 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
	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 informativated 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	mation
20. What type of message could motivate / motivated you to take action to mitigate the related to wildfire smoke, such as staying indoors or leaving the area? [Check all that Text message  Phone call Social media message Online message Message seen on television Emergency alerts Contact from family or friends	
21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitinegative 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 statistic 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 deci 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)	sion to limit
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	??

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 ☐ 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
☐ 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: 9/6/18 Survey location:

### **DEMOGRAPHIC DATA**

1.	Yes Yes
	☐ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank
3.	Which gender do you identify with?  A woman  M 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 43764
5.	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

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
13	I. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?  ☑ Yes □ No
12	2. 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)
1	3. 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

ACTIVITY DATA

	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 <i>ever</i> reduce your outside activities due to wildfire smoke?  ☐ Yes  ☑ No ☐ Not applicable
6	During summer of 2018, think of the <i>longest</i> 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
	What is the <i>minimum</i> 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
	What is the <i>minimum</i> 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 c	lecided to limit your outdoor activity during a smoke event, what type of information
motivat	ted 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
related  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	ype of message could motivate / motivated you to take action to mitigate the risk of issues 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
negativ	was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the re 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)
or avoi □ ☑	would receiving a smoke warning message be most likely to impact your decision to limit d 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)
Æ.	Yes – Please list the actions you might take No Not sure

	consider wildfire smoke events a natural hazard? Yes
	No
	Not sure
_	
importa	blic health threat, are wildfire smoke events more important, less important, or about as nt 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
	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 QU	UESTIONS
27. Have yo	ou, or anyone in your household, experienced wildfire smoke-related illness?
	Yes
'F	No
	Not sure
in the su □	have any of the following symptoms during or a few days after one of the smoke events ummer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest
600.020	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	i use/do any of the following to help with any symptoms during the smoke event? [Cl	ieck
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	

DE	MOCRA	APHIC DATA	Date: 9/6/18 Survey location: (	Pulhas Pond Botse
		omfortable answering any of these	questions, you may	leave them blank.
	Do you	consent to participate in this resear Yes No – If you do not consent to part	ch study?	
2.		your age? Fill in the blank	orpato, produce do no	t complete this survey
3.		gender do you identify with? A woman A man Other		
4.		icial or ethnic group best describes White / Caucasian Hispanic or Latino Black or African American Native American / American India Asian / Pacific Islander Other		
5.	What is	the ZIP Code where you currently Fill in the blank83714	ive?	
6.	received	the highest degree or level of school.  8th grade or less Some high school, no diploma High school graduate, diploma or 0 Some college, no degree Associates degree Bachelor's degree Master's degree Ph.D, M.D., J.D. or similar		f currently enrolled, highest degre
	other inc	your total household income, includes a large. This figure should include salutions.  \$25,000 or less \$25,000 to \$49,999 \$50,000 to \$74,999 \$75,000 to \$99,999 \$100,000 or more	ing income from allaries, wages, pension	l members of your family, in 201 ns, dividends, interest, and all

8.	Would you say that in general your health is:  ☐ Cood ☐ 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, walking  □ No (skip to question 11)
10	<ul> <li>During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?</li> <li>□ Daily</li> <li>□ A few times per week</li> <li>☒ Once per week</li> <li>□ Less than once per week, but more than once per month</li> <li>□ Rarely – A few times during the summer</li> <li>□ Never</li> </ul>
AIR	QUALITY NOTIFICATION
11	<ul> <li>During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?</li> <li>☐ Yes</li> <li>☒ No</li> </ul>
12	2. Do you ever seek out information related to wildfire and smoke notifications?
	<ul><li>a. Yes</li><li>b. No (if you answered no to both questions 11 and 12, please skip to question 15)</li></ul>
13	B. 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

ACTIVITY DATA

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 <i>ever</i> reduce your outside activities due to wildfire smoke?  ✓ Yes  ✓ No  ✓ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?
17.	What is the <i>minimum</i> 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

	motivated your decision to do so? [Check all	
	☐ Smoke-related health problem statis	tics
	Air quality information	
	☐ Smoke forecasts	4 1 4215
	☐ Your own visual observation (seeing	the smoke outside)
	☐ Wildfire information	
	☐ Advice from your doctor	
	Advice from family and friends	
20.		vated you to take action to mitigate the risk of issues doors or leaving the area? [Check all that apply]
	Online message	
	Message seen on television	
	Emergency alerts	
	☑ Contact from family or friends	
21.	negative health impacts of wildfire smoke?    \[ \sum A \text{ short message warning about the} \]	risk (1 line of text) risk that included health or other statistics aph) Live or Instagram Live)
22.	<ul> <li>When would receiving a smoke warning me or avoid outdoor activities that same day?</li> <li>☐ I would prefer to know the day before Early morning (before 9 AM)</li> <li>☐ Late morning (9 AM – noon)</li> <li>☐ Afternoon (Noon – 5 PM)</li> <li>☐ Evening (5 PM or later)</li> </ul>	ssage be most likely to impact your decision to limit are
23.	B. Will you take preventive actions to reduce s  ☐ Yes – Please list the actions you mi ☐ No ☐ Not sure	moke-related health impacts in the future?  ght take reduce outdoor archites  what filters  run air purifrers

	Yes No Not sure
importa	ablic health threat, are wildfire smoke events more important, less important, or about as ant 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
<b>2</b>	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 QU	JESTIONS
	yes Not sure
in the si	have any of the following symptoms during or a few days after one of the smoke events ammer 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? [Chec	k
all that apply]	
Take medication allergy	
☐ 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**

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 \$30000
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Sth 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	Good Fair
fishing	g summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, g, gardening, running, or any other outdoor activity?  Yes – Please list the activities Helboarding Raffing Cy (ling) No (skip to question 11)
you'v	g the summer of 2018, how often would you say you've engaged in the outdoor activities e 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 QUAL	ITY NOTIFICATION
	g the summer of 2018, have you ever received an air quality notification message esting you avoid outside activity?  Yes  No
Ę	bu 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)
	h source do you use to find wildfire smoke notifications? [Check all that apply]  Social media (like Facebook, Instagram, Twitter)  Television  Online news sources

☐ State agencies such as Department of Environmental Quality website

☐ Dynamic road sign displays (such as the signs on I-184 or I-84)

☐ Friends or Family☐ Personal observation

Other\_

☐ Idaho Smoke Information Blog

☐ Federal sources such as AIRnow.gov website

14.	<ul> <li>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?</li> <li>□ 0 days</li> <li>□ 1 days</li> <li>□ 2 days</li> <li>□ 3 days</li> <li>□ 4-5 days</li> <li>□ 6-7 days.</li> </ul>
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  ☐ Yes  ☒ No  ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?   O days  1 to 2 days  3 days  4 days  5 days  6 days and more
17.	What is the <i>minimum</i> 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 – Moderatė  Orange – Unhealthy for Sensitive Groups  Red – Unhealthy  Purple – Very Unhealthy  Maroon – Hazardous  I am not familiar with this rating

THE WOOD	tooided to limit your outdoor activity during a smalle event what type of information
-	decided to limit your outdoor activity during a smoke event, what type of information ted 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
related	ype of message could motivate / motivated you to take action to mitigate the risk of issues 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
negativ	vas the <i>content</i> of the message(s) that motivated you to take this action to mitigate the ve 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)
or avoi	would receiving a smoke warning message be most likely to impact your decision to limit d outdoor activities <i>that same day?</i> 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)
	Yes – Please list the actions you might take Veluce Life Power No

	onsider wildfire smoke events a natural hazard? Yes No Not sure
important	ic health threat, are wildfire smoke events more important, less important, or about as as other natural disasters, such as hurricanes or tornadoes?  Much less severe/important  Somewhat less severe/important  Somewhat more severe/important  Much more severe/important
☐ Y ☐ Y <b>※</b> N	ou 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 QUE	ESTIONS
□ Y	
in the sum  V It It S A A A A A A A B A B A B A B A B B A B	nave any of the following symptoms during or a few days after one of the smoke events of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest schy or watery eyes critated eyes neezing or a runny or blocked nose Ory irritated nose / sinuses a sore or irritated throat a cold a dry cough at night a dry cough at other times of the day a wet cough (congestion in the chest or phlegm production) rronchitis an asthma attack feedaches attigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Ch	eck
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
3	Which gender do you identify with?  A woman  Other  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 23704
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Sth 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.

ACTIVITY DA	ATA
	ou say that in general your health is: Excellent Good Fair Poor
fishing g	ammer of 2018, have you engaged in any outdoor activities, such as hiking biking, pardening running, or any other outdoor activity?  Yes – Please list the activities SWIMMING.  No (skip to question 11)
you've lis	ne summer of 2018, how often would you say you've engaged in the outdoor activities sted 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	Y NOTIFICATION
	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)
	Social media (like Facebook, Instagram, Twitter) Television Online news sources

M	Social media (like racebook, mstagram, 1 whier)
	Television
	Online news sources
	Newspapers
M	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 Kadl ()

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 <i>ever</i> reduce your outside activities due to wildfire smoke?  ✓ Yes  ☐ No  ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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?
17.	What is the <i>minimum</i> 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  Lam not familiar with this rating

	you decided to limit your outdoor activity during a smoke event, what type of information otivated 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
	That type of message could motivate / motivated you to take action to mitigate the risk of issues lated 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
	That was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the egative 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)
	When would receiving a smoke warning message be most likely to impact your decision to limit 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. W	Vill 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

	consider wildfire smoke events a natural hazard? Yes No Not sure
importa	ablic health threat, are wildfire smoke events more important, less important, or about as ant 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
	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 QU	UESTIONS
	yes Not sure
in the s	have any of the following symptoms during or a few days after one of the smoke events ammer 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: 9.0.18
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
	$\square$ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank / _
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 Other
5.	What is the ZIP Code where you currently live? Fill in the blank
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received.  Bth 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

ties

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 □ 4-5 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke?  ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> 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 <i>minimum</i> air quality index rating that would cause you to <u>reduce your outdoor activity</u> 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

•	vated 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
relat	type of message could motivate / motivated you to take action to mitigate the risk of issues ed 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
	at was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the ative 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)
	en would receiving a smoke warning message be most likely to impact your decision to limit void 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?  \[ \textstyle \t

## NATURAL HAZARD QUESTIONS

1	ou consider wildfire smoke events a natural hazard?  Yes  No  Not sure
impo       	public health threat, are wildfire smoke events more important, less important, or about as rtant 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
] ] [	Id 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
] ]	you, or anyone in your household, experienced wildfire smoke-related illness?  Yes No Not sure
in the	vou have any of the following symptoms during or a few days after one of the smoke events a 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  Senezing 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: 9-6-18
Survey location: QV/NZ

### **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 blank25
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.  But the highest degree or level of school you completed? If currently enrolled, highest degree and school graduate or less are school graduate. Some high school, no diploma or GED are school graduate, diploma or GED associates degree and school graduate. Bachelor's degree and school graduate. Bachelor's degree and school graduate. Bachelor's degree are school graduate. Bach
7.	What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.  □ \$25,000 or less □ \$25,000 to \$49,999 □ \$50,000 to \$74,999 □ \$75,000 to \$99,999 □ \$100,000 or more

#### ACTIVITY DATA

8.	Would you say that in general your health is:  Excellent  Good  Fair  Poor
9.	During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity?  Yes – Please list the activities Work  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

compt foreca	moky week in summer 2018, about how many days did you look online (either on iter, tablet, or smartphone) for smoke-related information, such as air quality, smosts, or health notices?  1 0 days 1 1 days 1 2 days 1 3 days 1 4-5 days 1 6-7 days.	a oke
	summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smo Yes No Not applicable	ke?
elimin reduce	g summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or ated your outdoor activities due to a smoke event. How many consecutive days diese or eliminate activity?  O days  1 to 2 days 3 days 4 days 5 days 6 days and more	d you
on a pa	s the <i>minimum</i> air quality index rating that would cause you to reduce your outdonticular day?  Green – Good  Yellow – Moderate  Orange – Unhealthy for Sensitive Groups  Red – Unhealthy  Purple – Very Unhealthy  Maroon – Hazardous  I am not familiar with this rating	or activity
activity	s the <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outs</u> 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	<u>door</u>

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 <i>content</i> 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 INSIDE AS MUCH AS POSSIBLE NO.  No.  Not sure	E

30-15

# NATURAL HAZARD QUESTIONS

24. Do you con ☐ Ye	
	ot sure
important a ☐ M ☐ So ☐ At ☐ So	c health threat, are wildfire smoke events more important, less important, or about as as other natural disasters, such as hurricanes or tornadoes? such less severe/important omewhat less severe/important bout as severe/important omewhat more severe/important uch more severe/important
□ Ye □ Ye □ No	consider evacuating your home only because of the wildfire smoke? es, I have done this in the past. es, I would consider it o efer not to answer
HEALTH QUES	STIONS
27. Have you,  ☐ Ye ☐ No	
in the summ  Will  Itc  Irr.  Sn  Ac  Ac  Ac  Ac  Ac  Ac  Ac  Ac  Ac  A	we any of the following symptoms during or a few days after one of the smoke events mer of 2018 in the Boise area / Treasure Valley? [Check all that apply] heezing or whistling in the chest (ASTHEVA) thy or watery eyes itated eyes reezing or a runny or blocked nose ry irritated nose / sinuses sore or irritated throat cold dry cough at night dry cough first thing in the morning dry cough at other times of the day wet cough (congestion in the chest or phlegm production) onchitis a asthma attack radaches tigue

29. Did you use/do any of the following to help with any symptoms during the smoke event		
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	