Ozone Alert and “Indoor Days” for Asthmatic Population
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Hypothesis: If asthmatic residents are notified of high ozone levels, they can remain indoors to lower exposure and decrease ER visits and improve health outcomes

Background
• Pinedale, Wyoming is a town of 2,000 within Sublette County, which contains around 10,000 people
• There is less than 1 person per square mile in the county
• It is a boom and bust town with natural gas being the largest industry
• American Lung Association graded Pinedale an “F” for air quality as compared to a “B” for Seattle

Literature Review
• Many studies confirm statistically significant correlation between elevated ozone levels and subsequent increase of asthma-related ER visits
• Additionally, several studies monitoring ozone levels have concluded that ozone levels are dramatically decreased inside buildings

Community Health Project
• Work with Citizens United for Responsible Energy Development (CURED) leader Elaine Crumply to raise awareness toward using the notification system to receive alerts for high ozone days
• Meet with school board to implement action plan
• Educate population via health fairs and public service announcements to stay indoors on high alert days in order to lower asthma exacerbation risk

Daily 8-hr Ozone (ppb) in Sublette County

Deliverables to community
• Literature Review
• Roadmap for CURED to carry out
• Suggestion of utilization of Pinedale Anticline Project Office (PAPO) funds if needed

Next Steps
• Educational meetings with local schools to discuss high alert ozone protocols
• Working with public health to seek further partnerships
• Seek modalities for broadcasting the message such as radio or other advertisements