

Background: Racial and Economic Inequities in Birth Outcomes

- Annual percentage of preterm births was higher in airport communities¹
- Airport communities were home to the majority of King County's people of color and residents of low socioeconomic status¹
- Racial and economic inequities in birth outcomes in King County²
- SeaTac air pollution exposure may be contributing to the racial and economic inequities in birth outcomes



Potential Qualitative Research Study Questions

1.) What are the public health risk perceptions of air pollution exposure during pregnancy among airport community stakeholders?

1a.) How do stakeholders' perceptions of risk vary, depending on the racial identity and income level of the pregnant person?

2.) What barriers and facilitators do airport community stakeholders face in implementing risk mitigation strategies aiming to reduce air pollution exposure among pregnant persons residing in airport communities?

2a.) How do stakeholders' risk mitigation strategies vary, depending on the racial identity and income level of the pregnant person?

Thank you!

Name: Anna Harrington
Email: alharrin@uw.edu

References

1. Johnson K, Solet D, Serry K. D. Public Health Seattle & King County. *Community Health and Airport Operations Related Noise and Air Pollution: Report to the Legislature in Response to Washington State HOUSE BILL 1109*. Seattle/King County Public Health.
2. Seattle/King County Public Health. *Health Brief: Health of Mothers and Infants by Race/Ethnicity*. Seattle/King County Public Health; 2015.