## Estimating Population Effects of Pertussis Vaccination using Routinely Collected Data



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Several scientific questions remain open concerning aspects of pertussis vaccination such as effects on transmission and duration of protection. Using data on King County pertussis disease surveillance and Washington State childhood immunization records, Dr. Halloran and her colleagues estimated the direct, indirect, total, and overall effects of pertussis vaccination in a highly vaccinated population. They assessed the durability of vaccine effectiveness and present their work in a historical context of previous examples of estimating various effects of pertussis vaccination on household transmission and indirect effects. They briefly compare these approaches to methods that use dynamic models or causal inference.

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133 Rosenau Hall

Zoom Link: https://unc.zoom.us/j/95131277245

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