

# Primary Care Management of Latent Tuberculosis Infection in the Foreign-Born

Local TB information and statistics for Seattle and King County (WA) from Public Health Seattle & King County.

Local TB Controller: Masa Narita, MD



TB Disease Control Officer,  
Seattle-King County Public Health

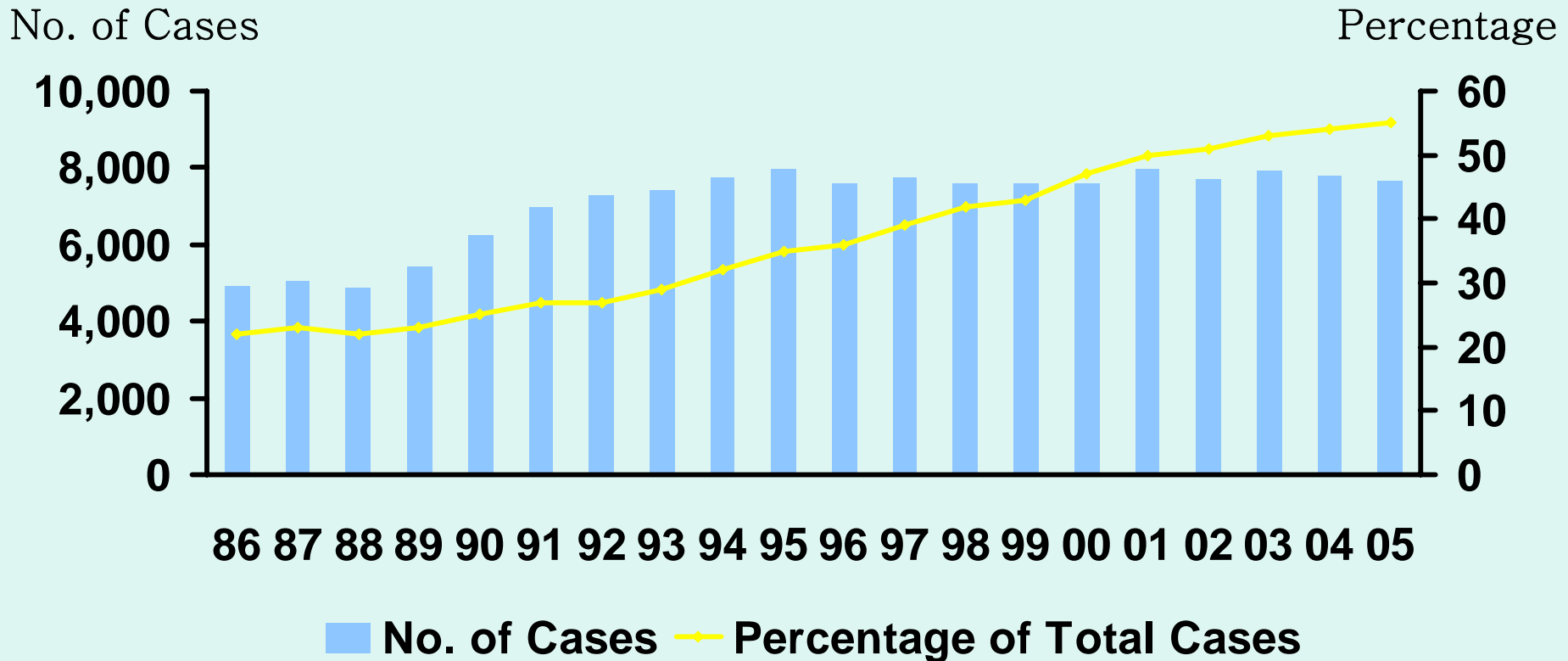
Masa Narita, MD

[masa.narita@metrokc.gov](mailto:masa.narita@metrokc.gov)

(206) 744-4579



# Trends in Active TB Cases in Foreign-born Persons, United States, 1986–2005\*



55% of cases in 2005 were foreign-born

\*Updated as of October 16, 2006.

EPIDEMIOLOGY  
TB is Local:  
Seattle–King County

## Characteristics of Active TB Cases 2005 (N=127) Seattle-King County

Place of Birth

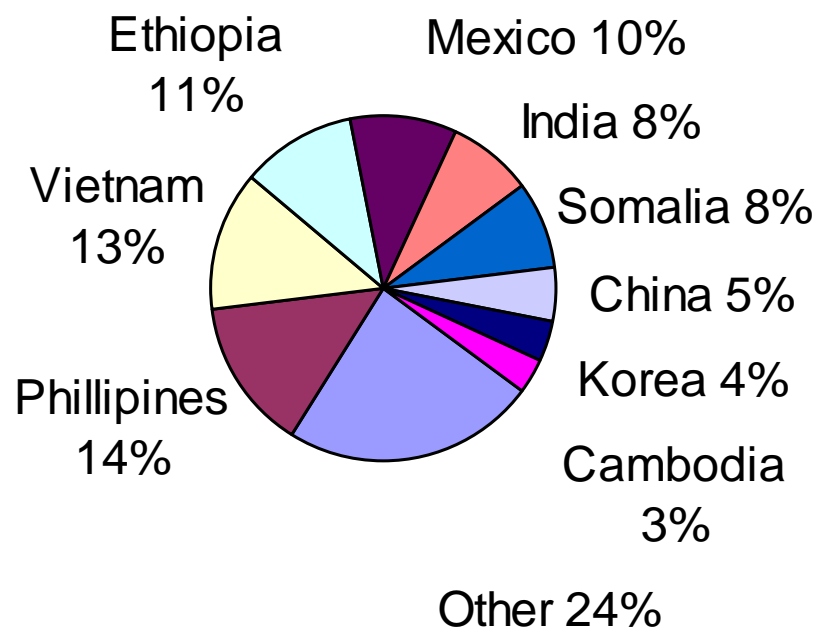
Foreign-Born

95 (75%)

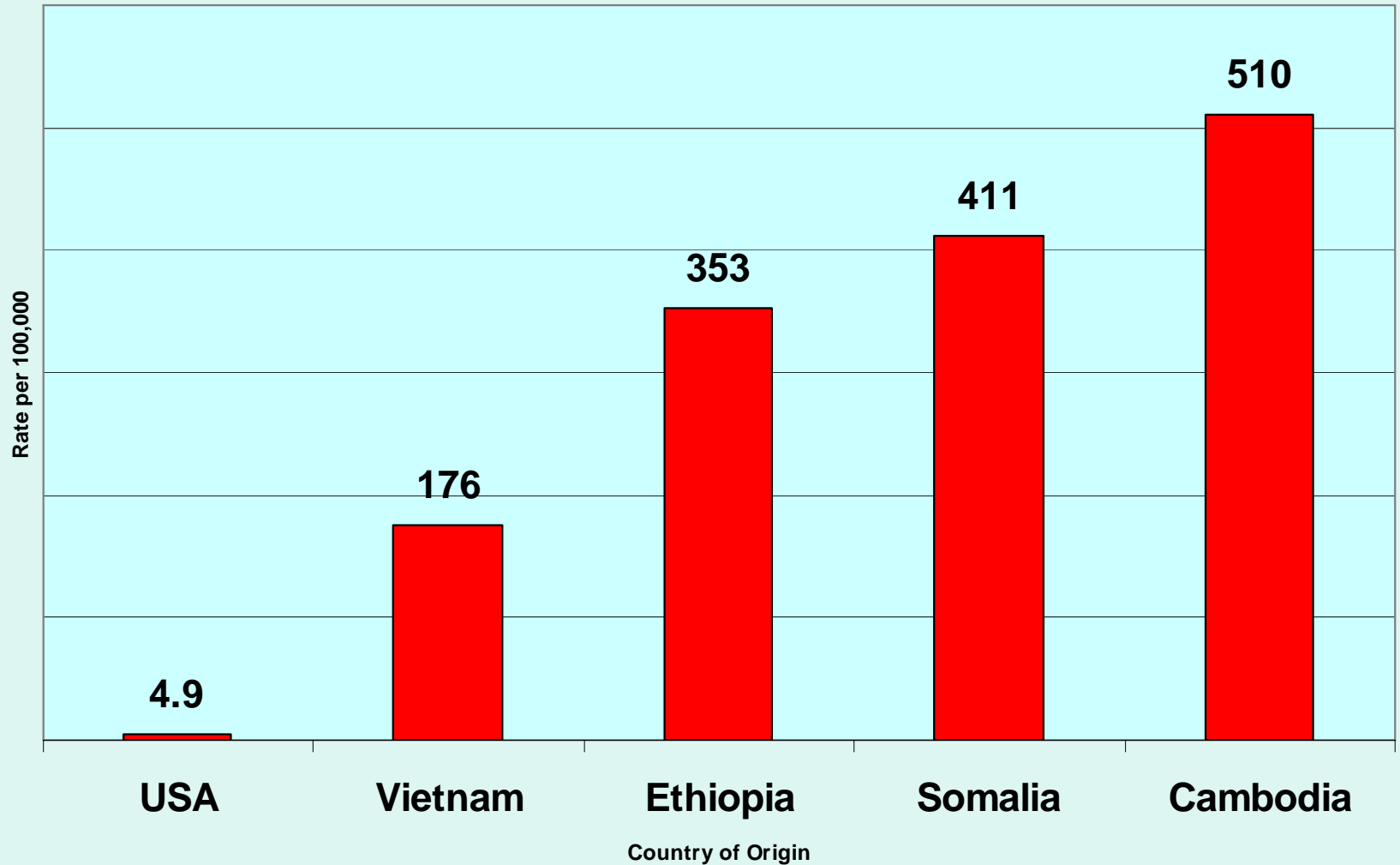
US-Born

32 (25%)

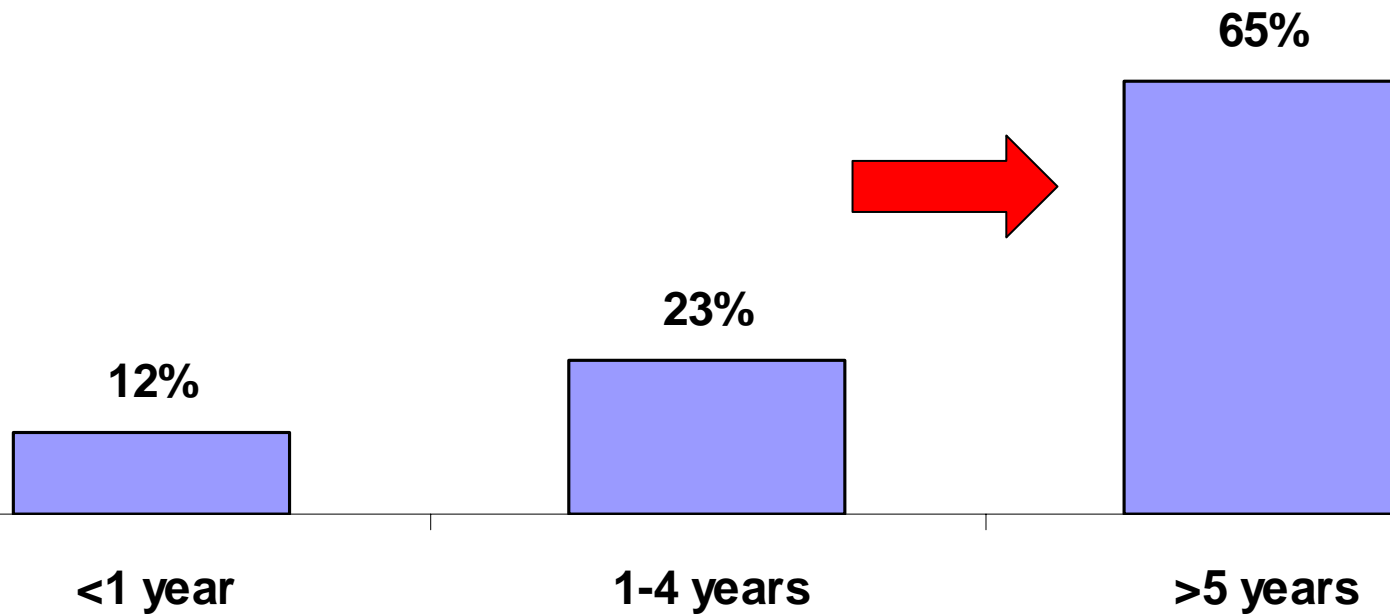
# Foreign Born Active TB Cases by Country of Birth Seattle-King County 2005



# Active TB Rates in Countries of Origin 2004

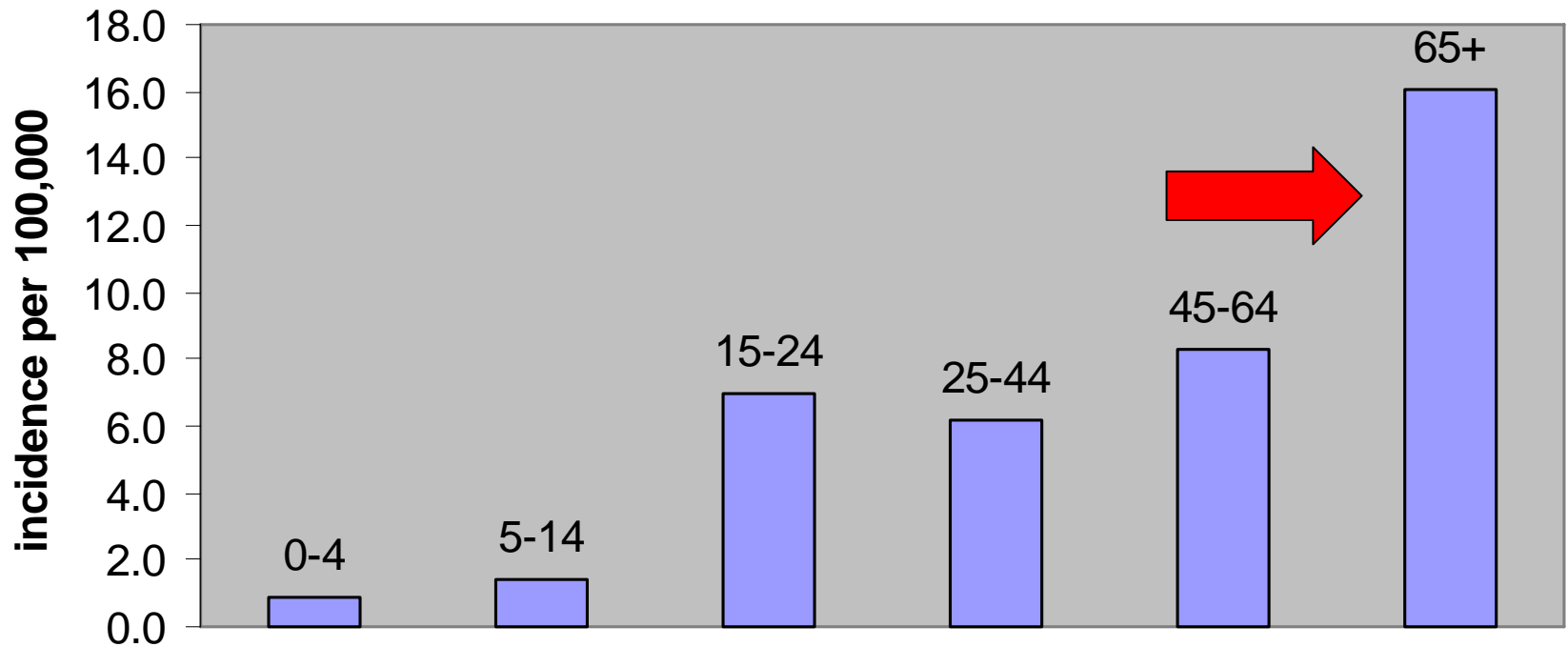


## Time in the US before Active TB Diagnosis King County 2005



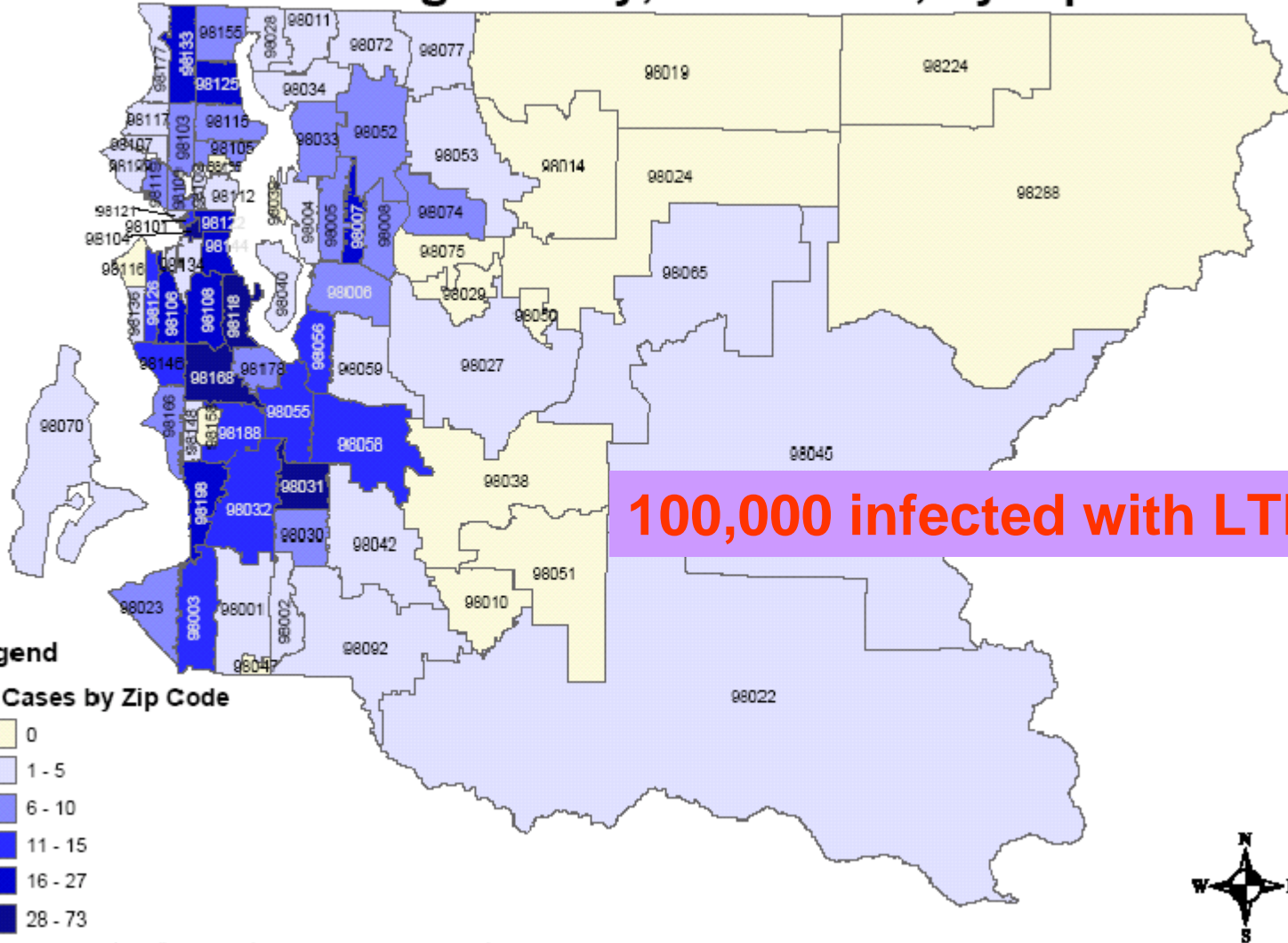
**Almost 2/3 of Active TB cases have been in the US MORE than 5 Years**

## Active TB Disease Incidence by Age Group King County 2005



**Highest Incidence in over 65 group**

# TB Cases in King County, 2001-2005, by Zip Code



**100,000 infected with LTBI**

**Concentration of active TB cases over the West side of King County, especially in the areas of Kent and Rainier Valley.**

# Update on 2004 East African active TB Outbreak

- Twelve cases were linked to the outbreak.
- Disease progression was rapid.
- The group was generally involved in “hotboxing,” the practice of smoking marijuana with others in a vehicle with the windows closed.
- Intense efforts aimed at case finding, case management, and identification and treatment of latently infected close contacts appear to have been successful in halting the outbreak.
- No further cases with this strain were diagnosed in 2005.

# Local Information

TB Control Program  
Harborview Medical Center  
325 - 9th Ave  
Seattle, WA 98104

- TB Nurse Line: 744-4579
- TB Manager: 744-4578

# Primary Care Management of Latent Tuberculosis Infection in the Foreign-Born

## Investigators

- Carey Jackson MD, MPH University of Washington
- Jenny Pang MD, MPH, Seattle-King County Department of Public Health
- Nick DeLuca PhD, Centers for Disease Control and Prevention (CDC)
- Stacey Bryant RN, Research Coordinator



Public Health  
Seattle & King County

