



Candida auris in Context: How Oregon Compares to Other States

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Candidozyma auris in Context: How Oregon Compares to Other States

Summary & Purpose

In this presentation we will :

- tell the story of the emergence of *Candida (Candidozyma) auris* in other US states
- review current *C. auris* epidemiology in Oregon, and
- provide current recommendations related to *C. auris* in Oregon

Purpose:

The purpose of this presentation is to describe the current epidemiology of *C. auris* in Oregon, highlighting key case studies from other jurisdictions that have experienced introduction and spread. **By analyzing these examples, we aim to provide insights into potential future scenarios for Oregon**, emphasizing the importance of vigilance and preparedness in addressing this growing fungal threat.



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Background

Candida (Candidozyma) auris

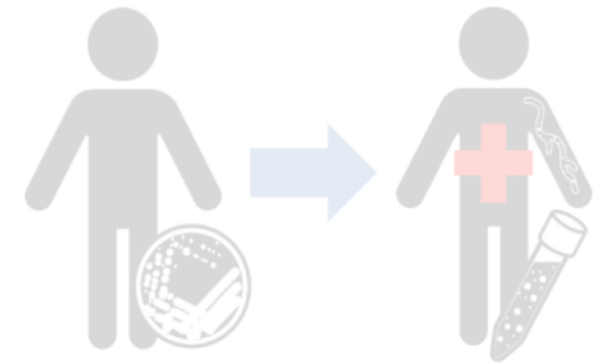
C. auris is an emerging fungal pathogen threat



Highly drug-resistant



Spread easily in
healthcare settings



Colonization can lead
to infection with poor
outcomes

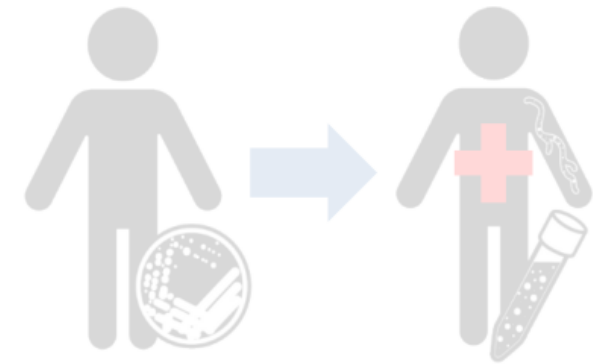
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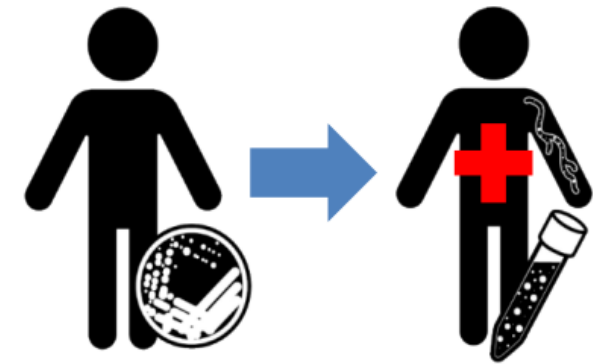
C. auris is an emerging fungal pathogen threat



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**1 in 3 patients with invasive
C. auris infection will die**

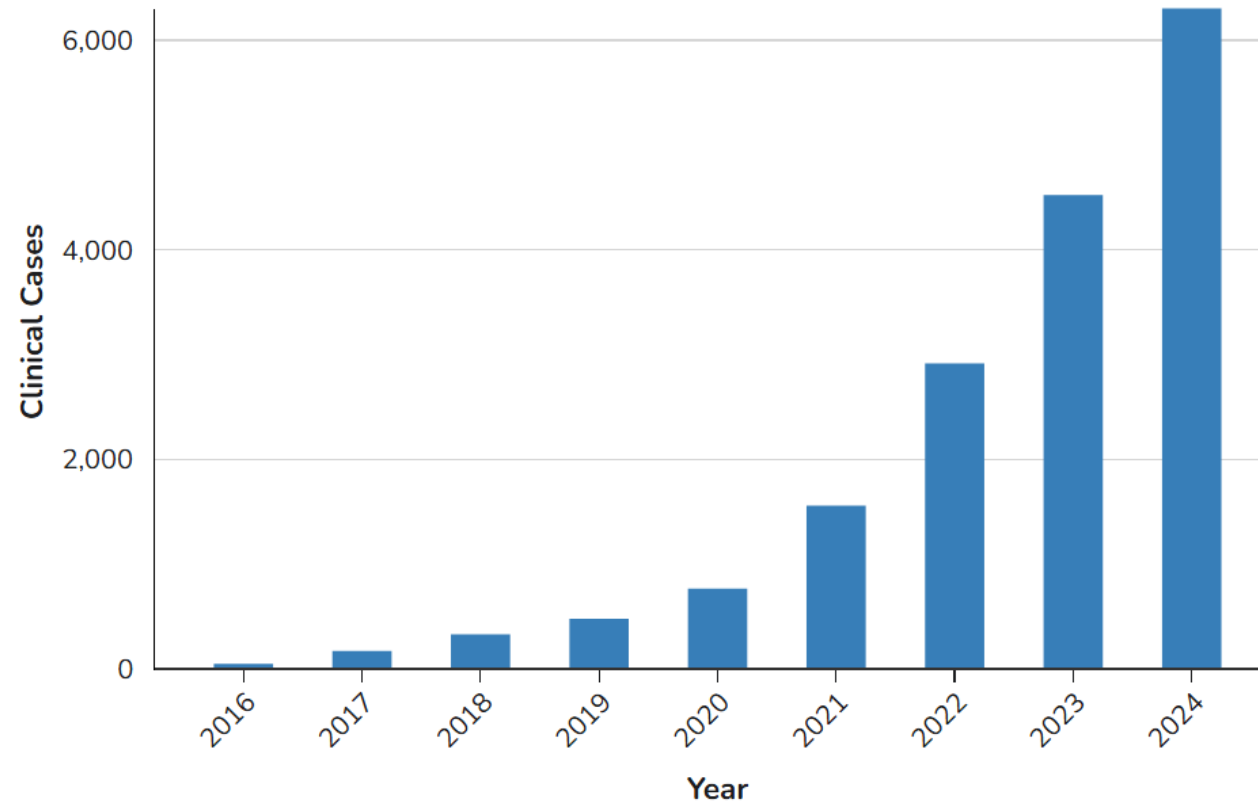
Transmission can happen quickly

- Contact time to acquire *C. auris* as few as **four hours**
- Invasive infections **within 48 hours** of admission in ICU settings

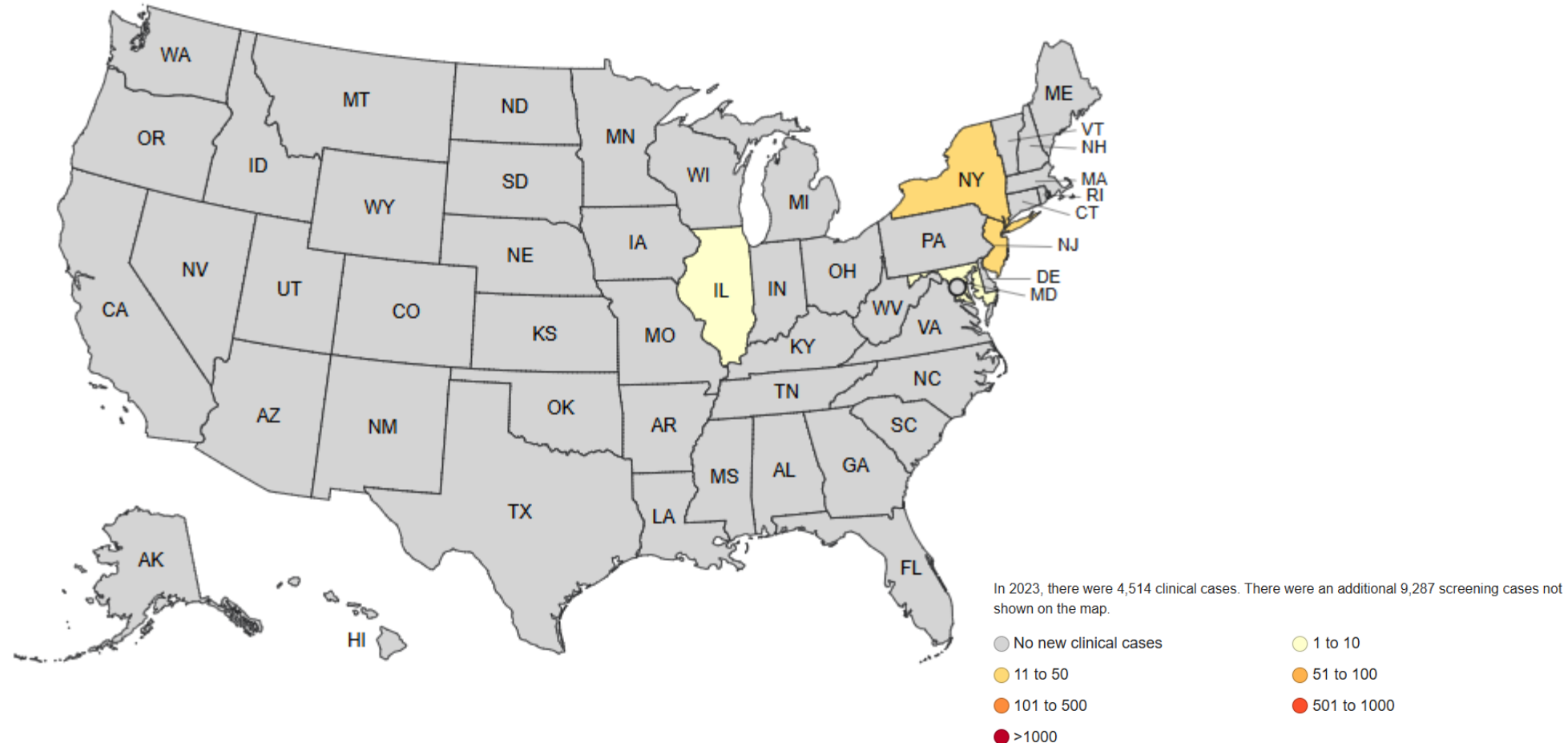


C. auris has spread rapidly across the US

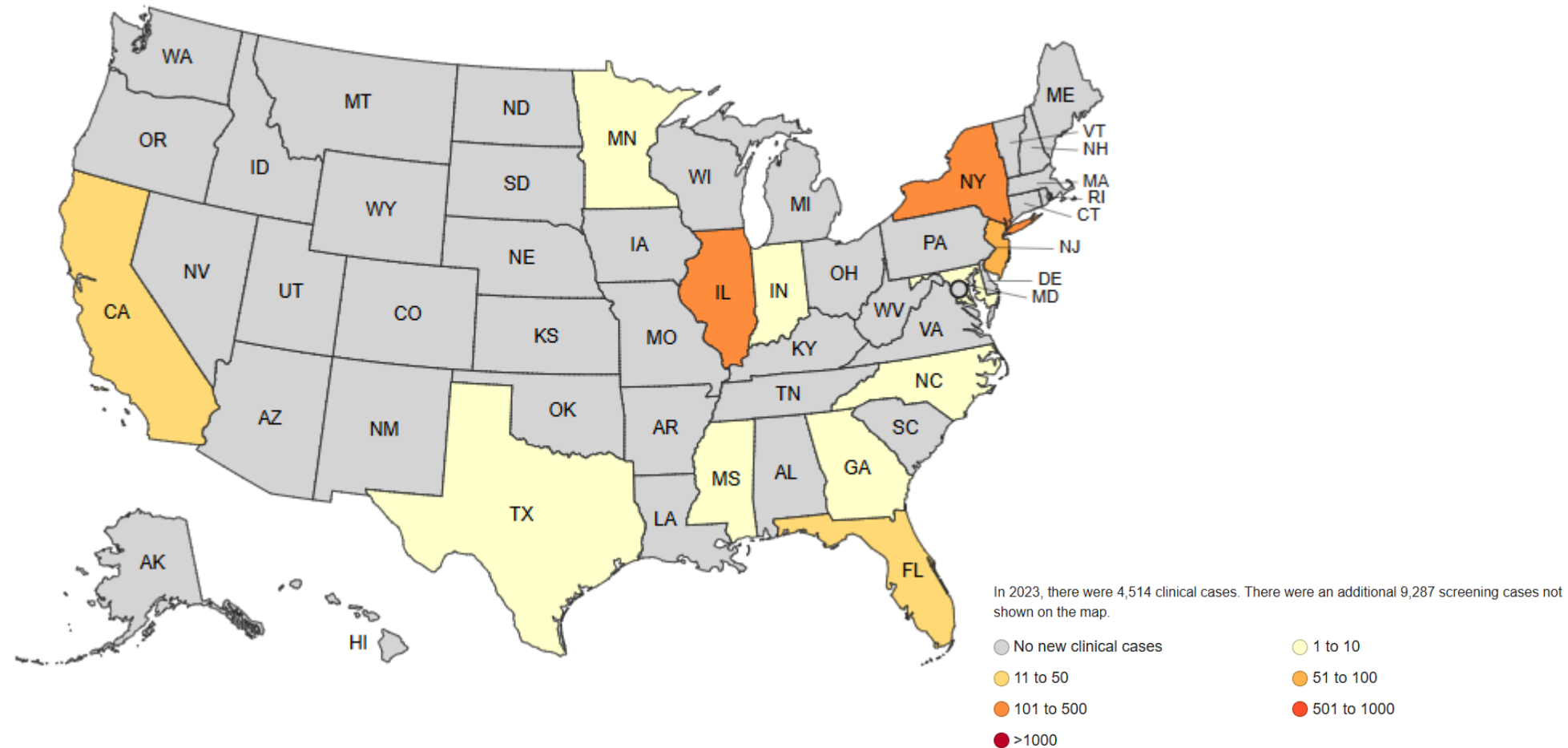
National Clinical Cases Reported Over Time



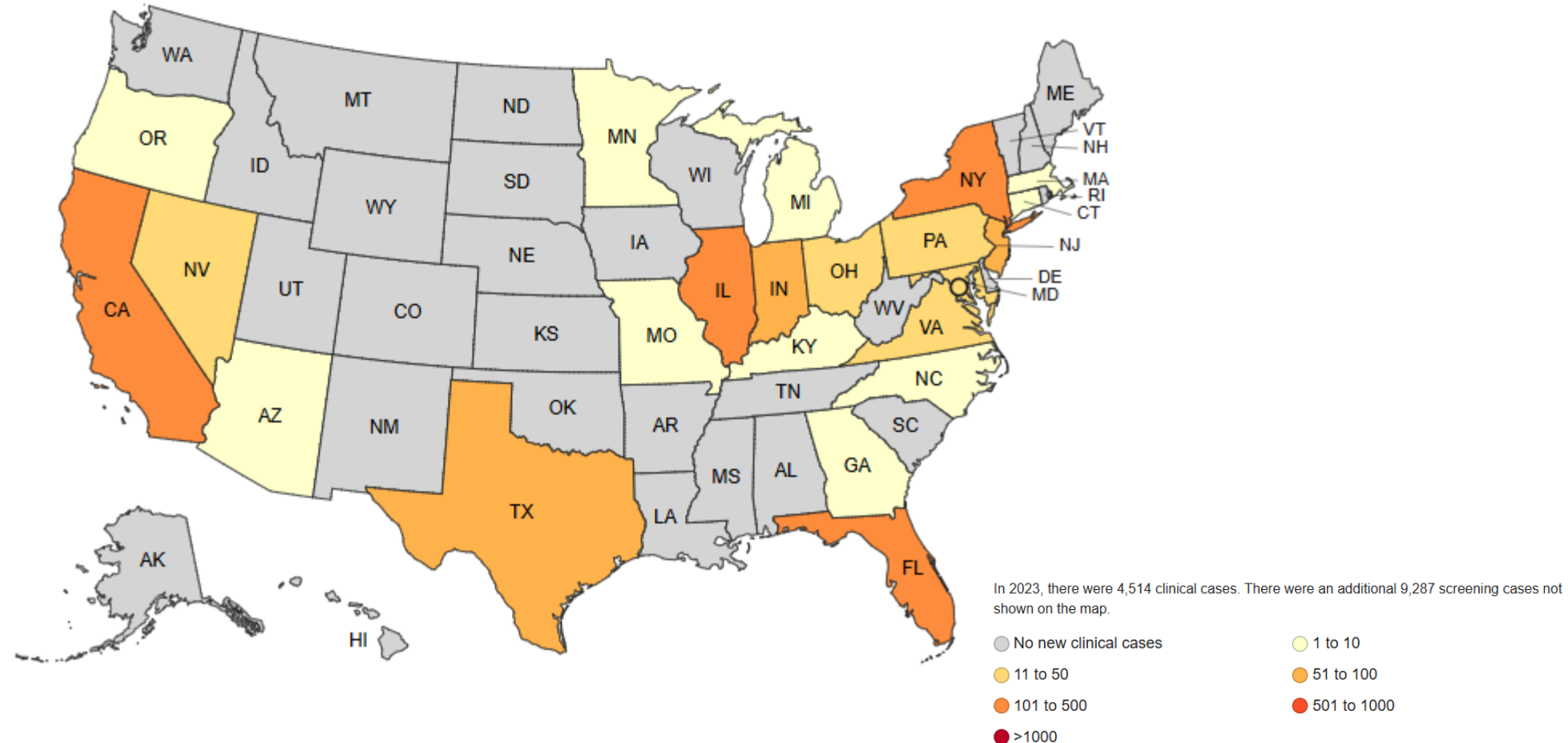
Clinical Cases of *C. auris* Reported in the U.S., 2016



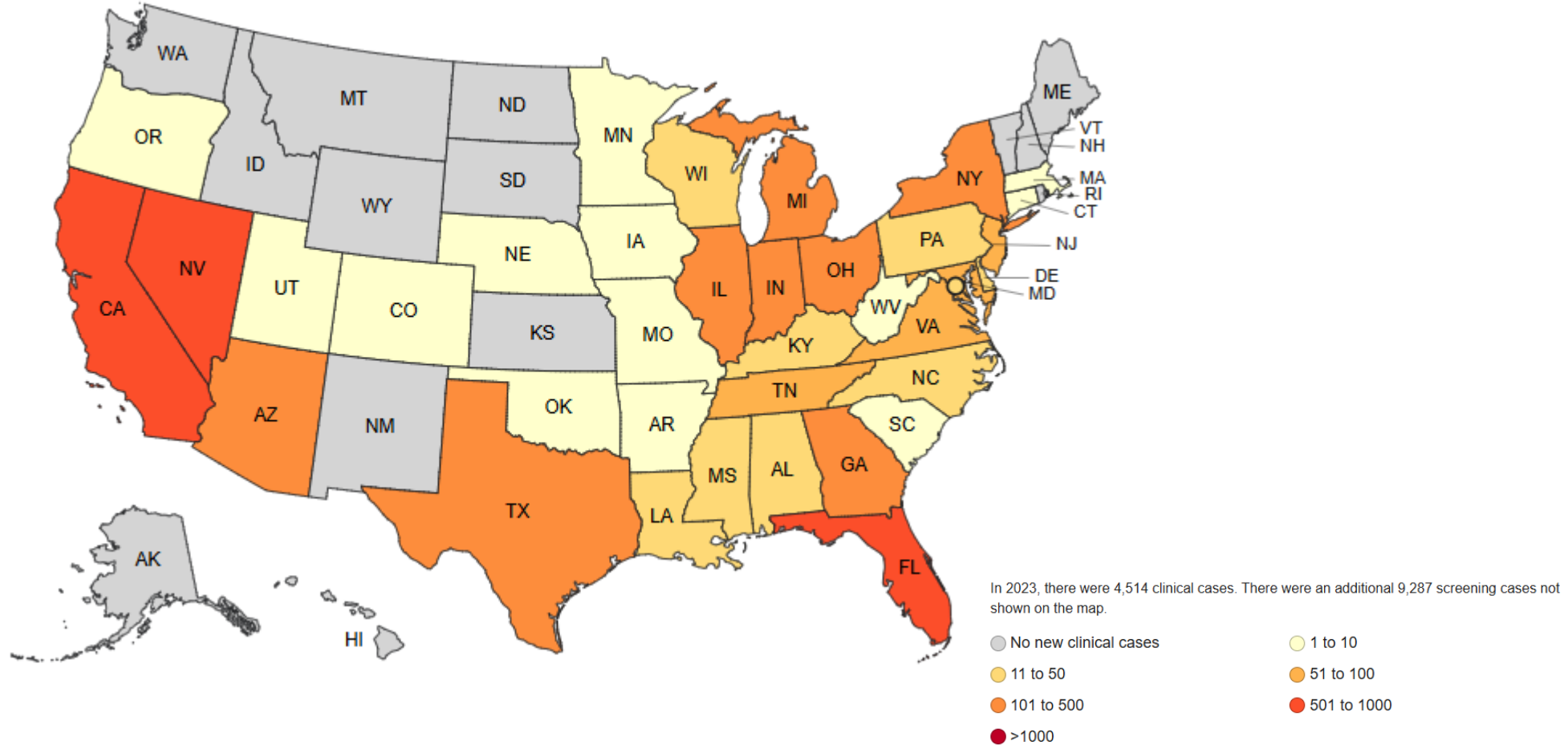
Clinical Cases of *C. auris* Reported in the U.S., 2019



Clinical Cases of *C. auris* Reported in the U.S., 2021



Clinical Cases of *C. auris* Reported in the U.S., 2023

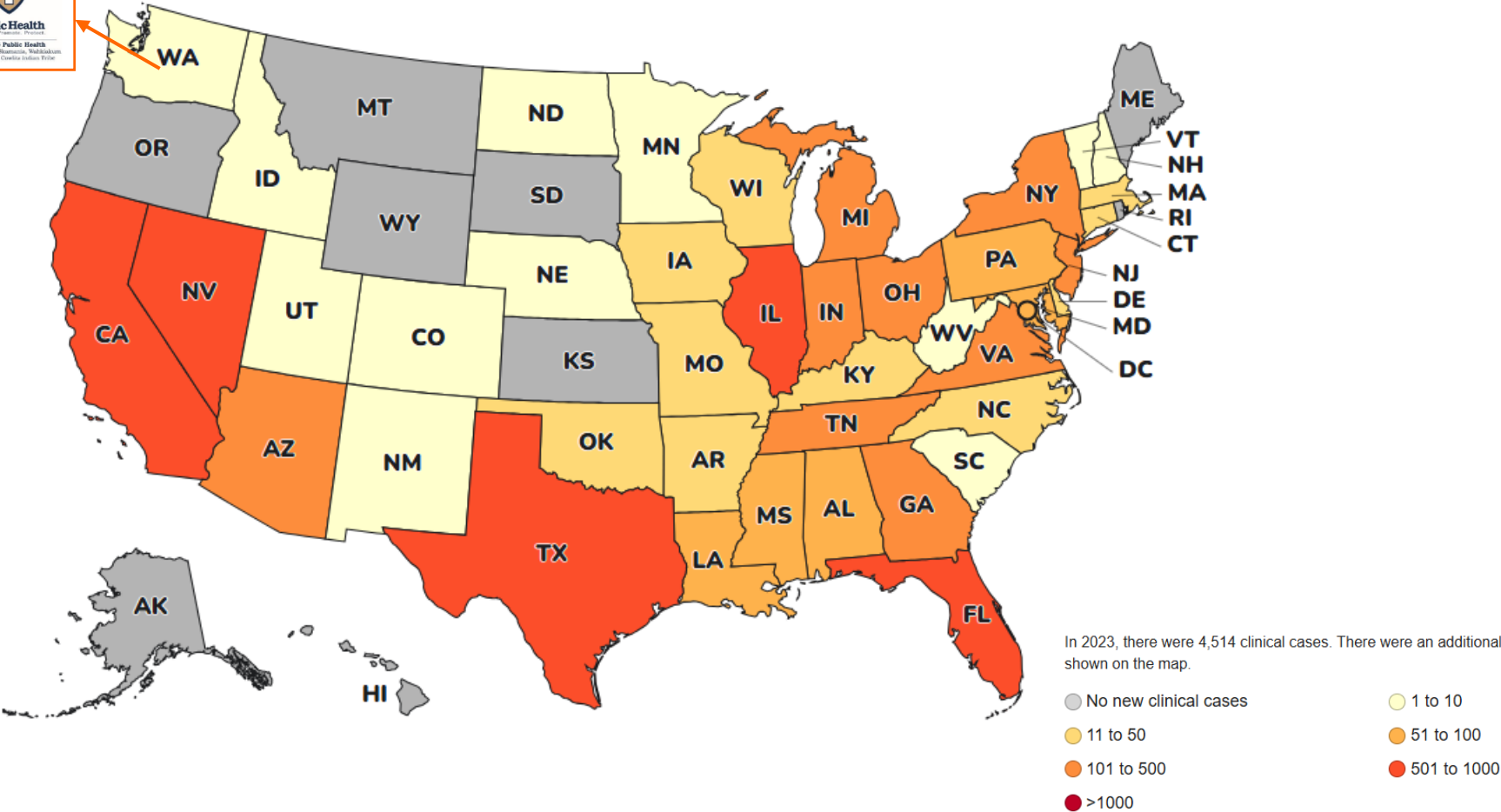


Clinical Cases of *C. auris* Reported in the U.S., 2024

HEALTH
ADVISORY
Aug. 5, 2024

Ongoing transmission of *Candida auris* identified in Washington


Region 4 Public Health
Chik, Chikil, Shomoni, Wadikilom
Koror, and Chuuk Island





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Epidemiology

C. auris in other states

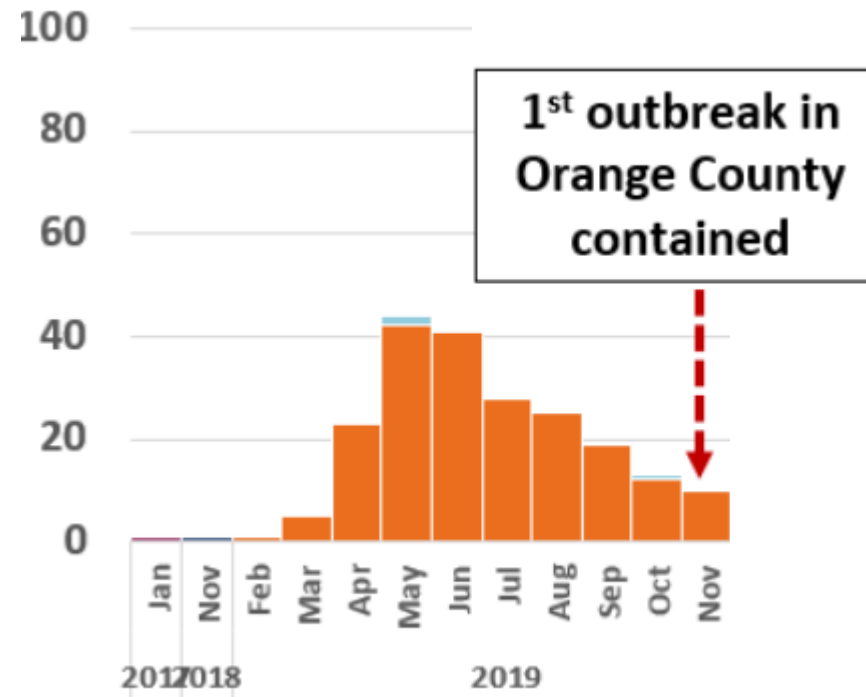


First *C. auris* case identified in Orange County, CA

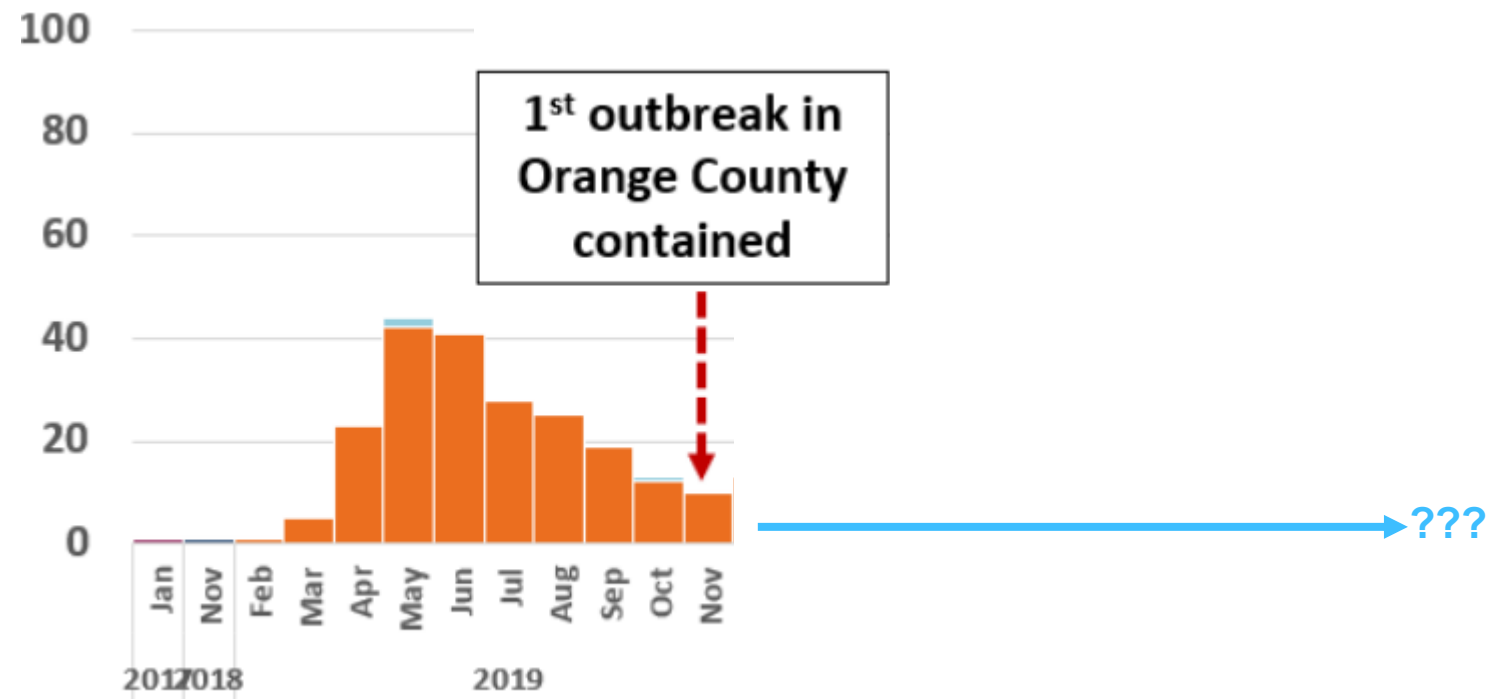


Feb 2019

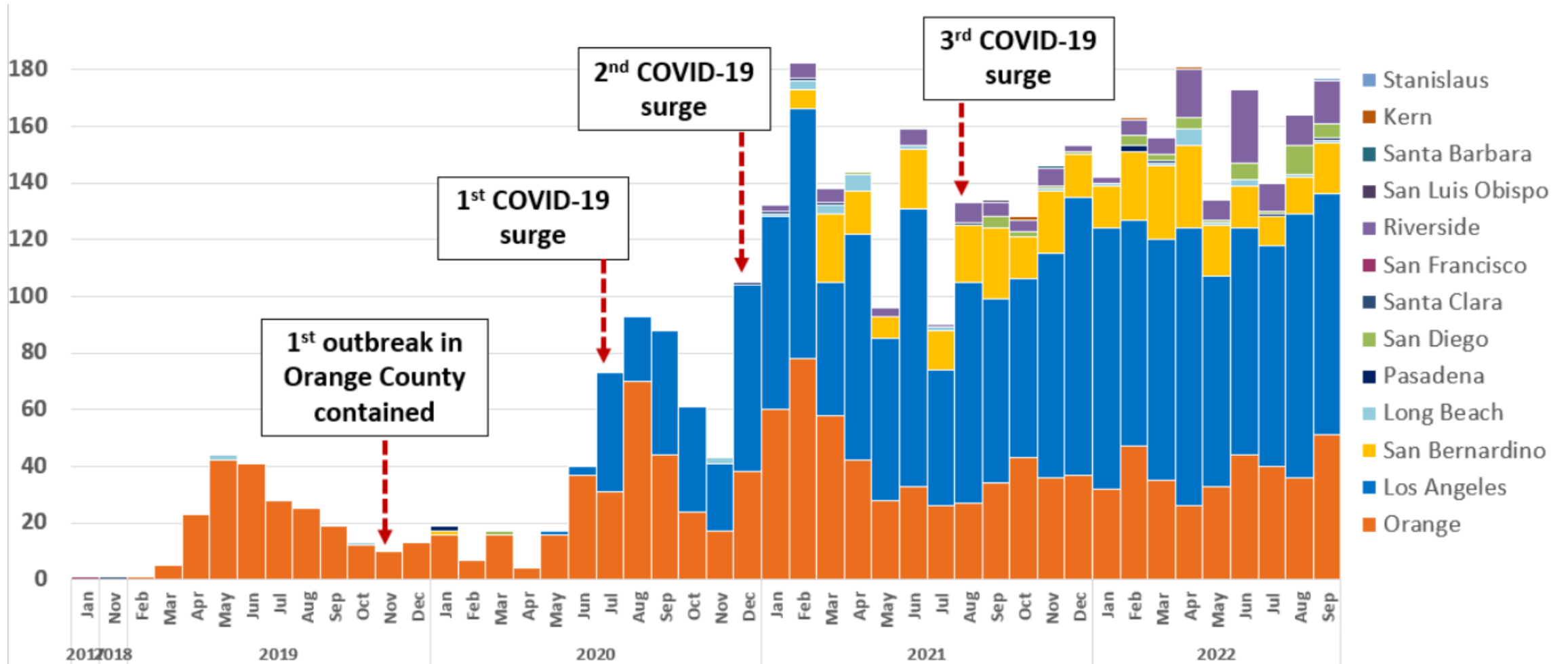
First outbreak of *C. auris* in LA/Orange Counties



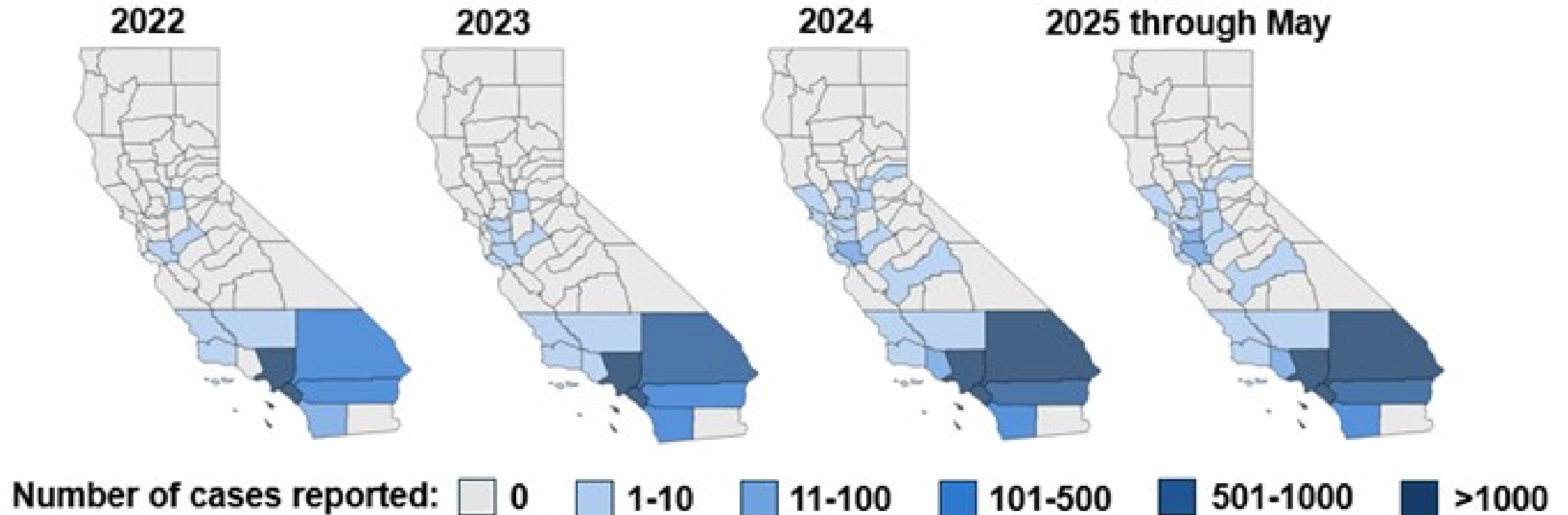
First outbreak of *C. auris* in LA/Orange Counties



C. auris now endemic in Southern CA

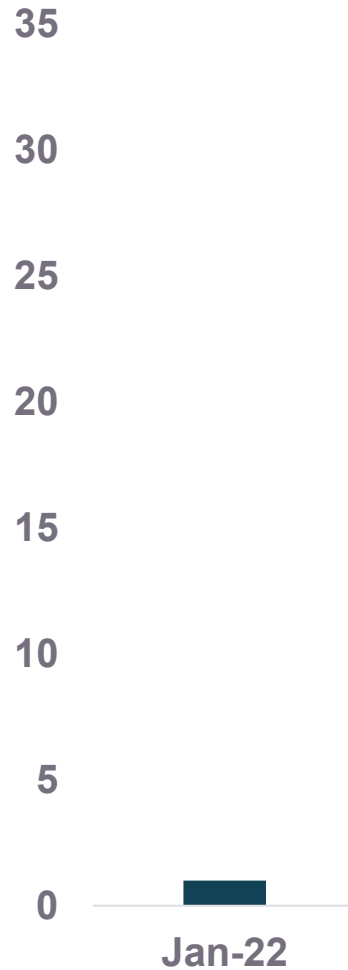


C. auris is slowly moving North

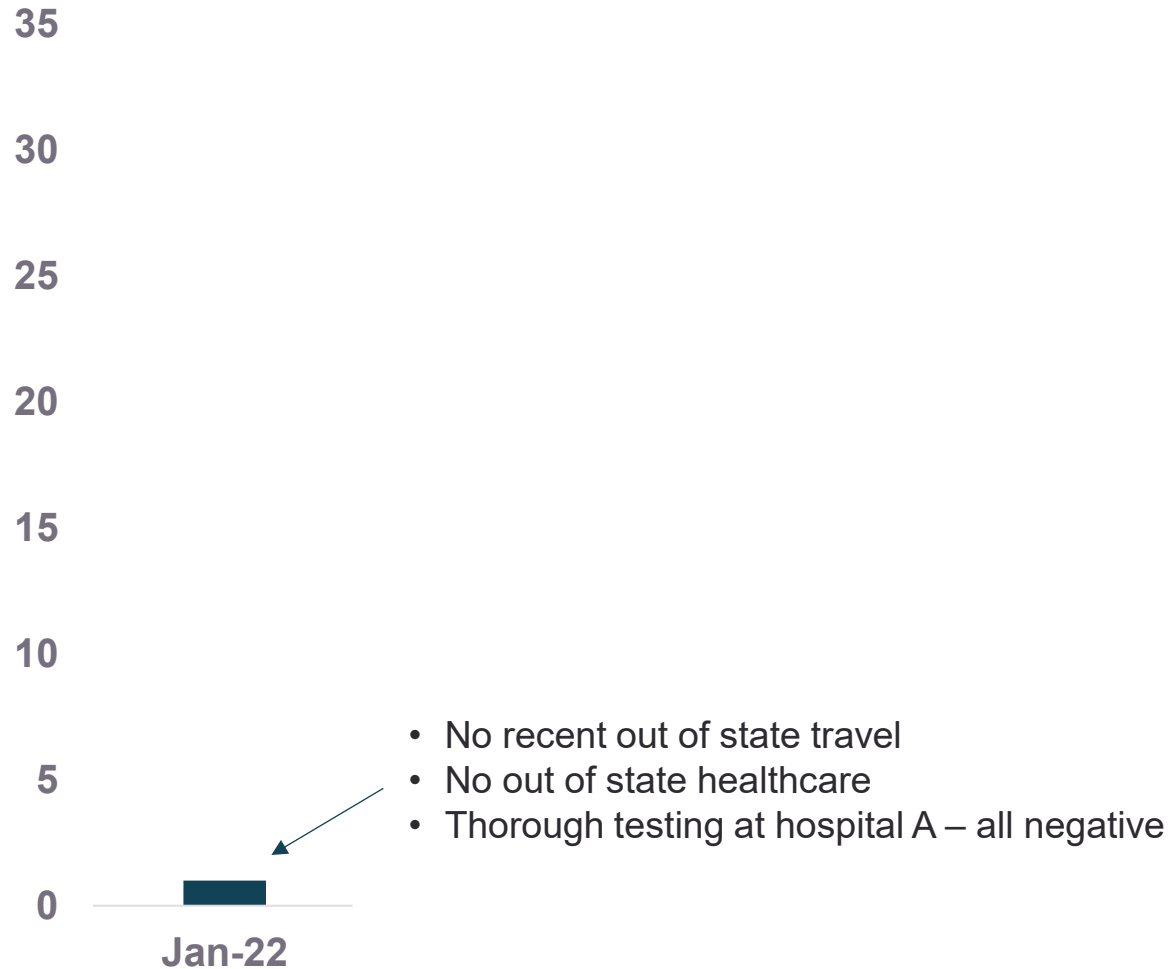




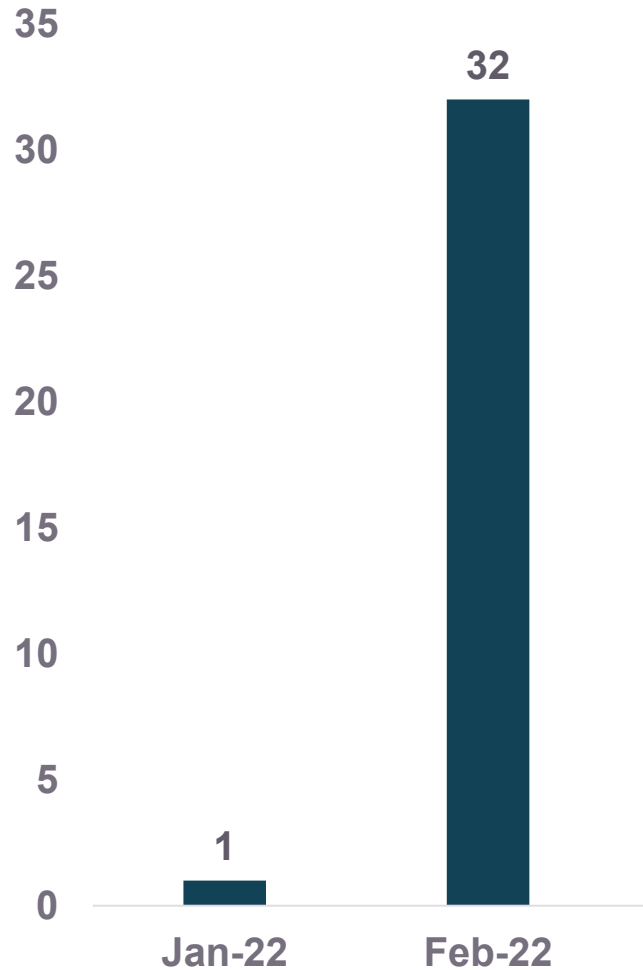
First TN *C. auris* case identified in Jan 2022



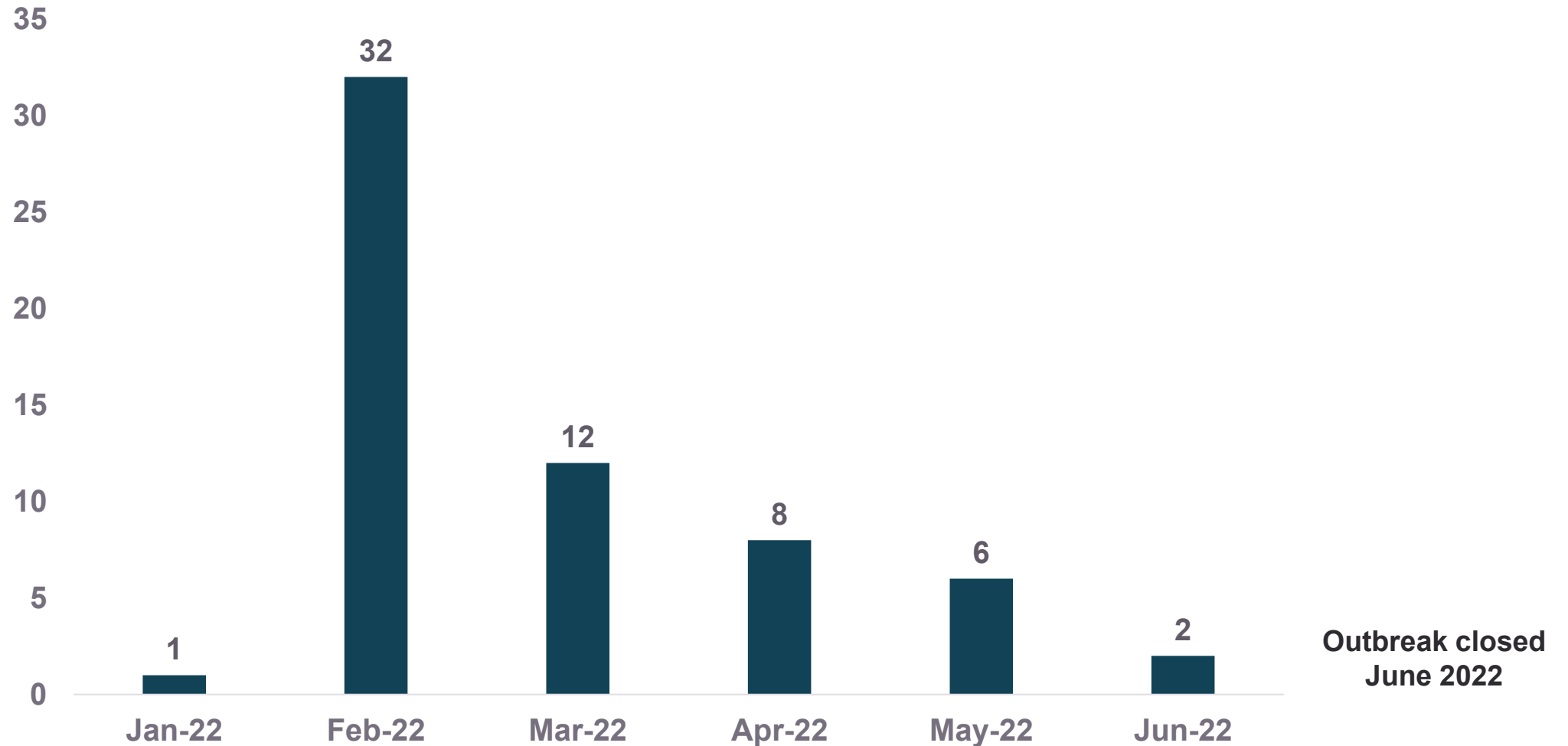
First TN *C. auris* case identified in Jan 2022



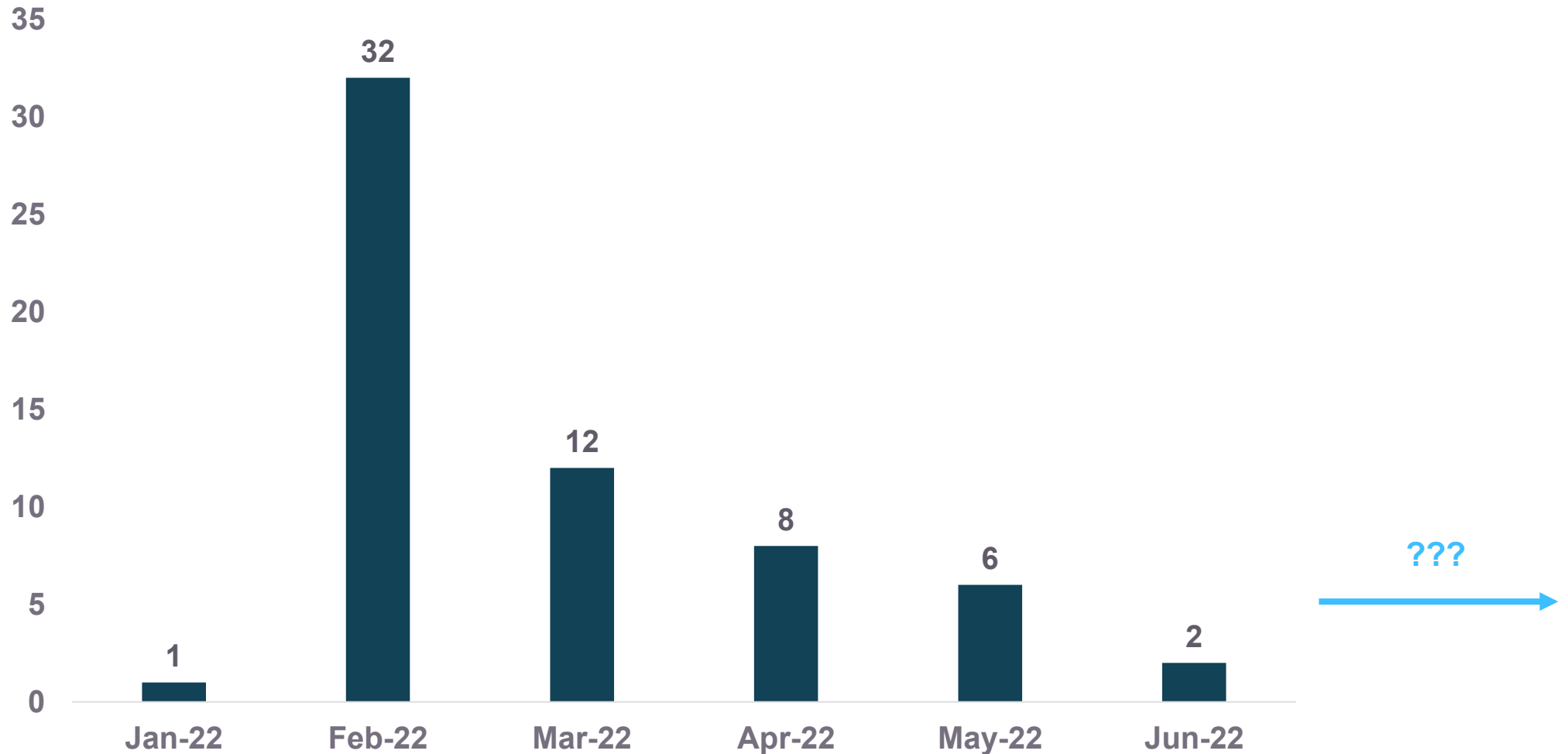
First TN *C. auris* case identified in Jan 2022



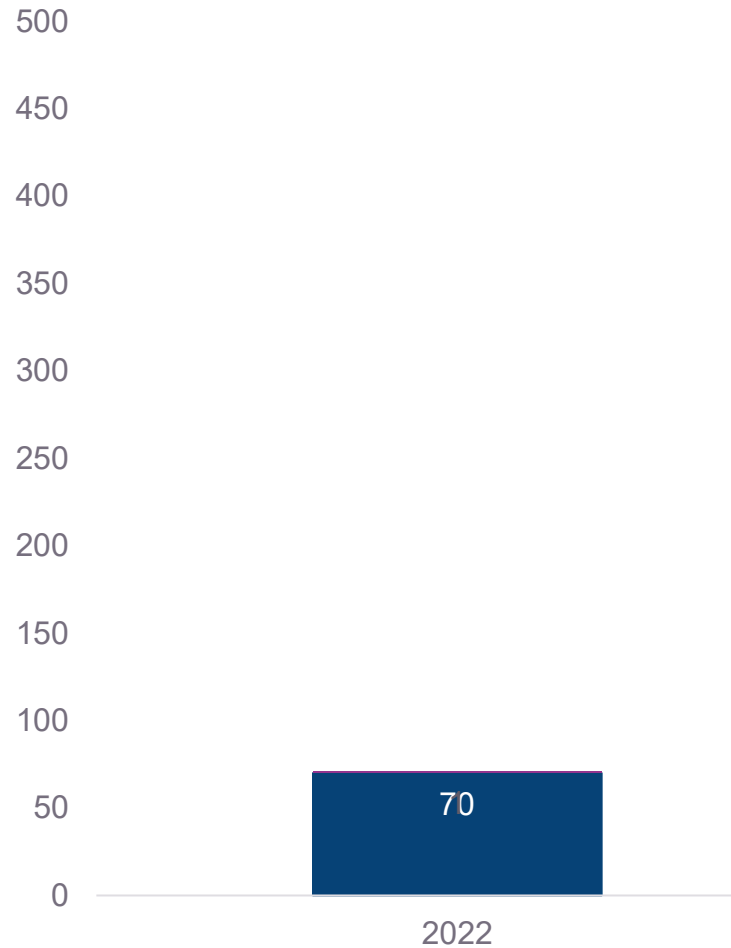
First TN *C. auris* case identified in Jan 2022



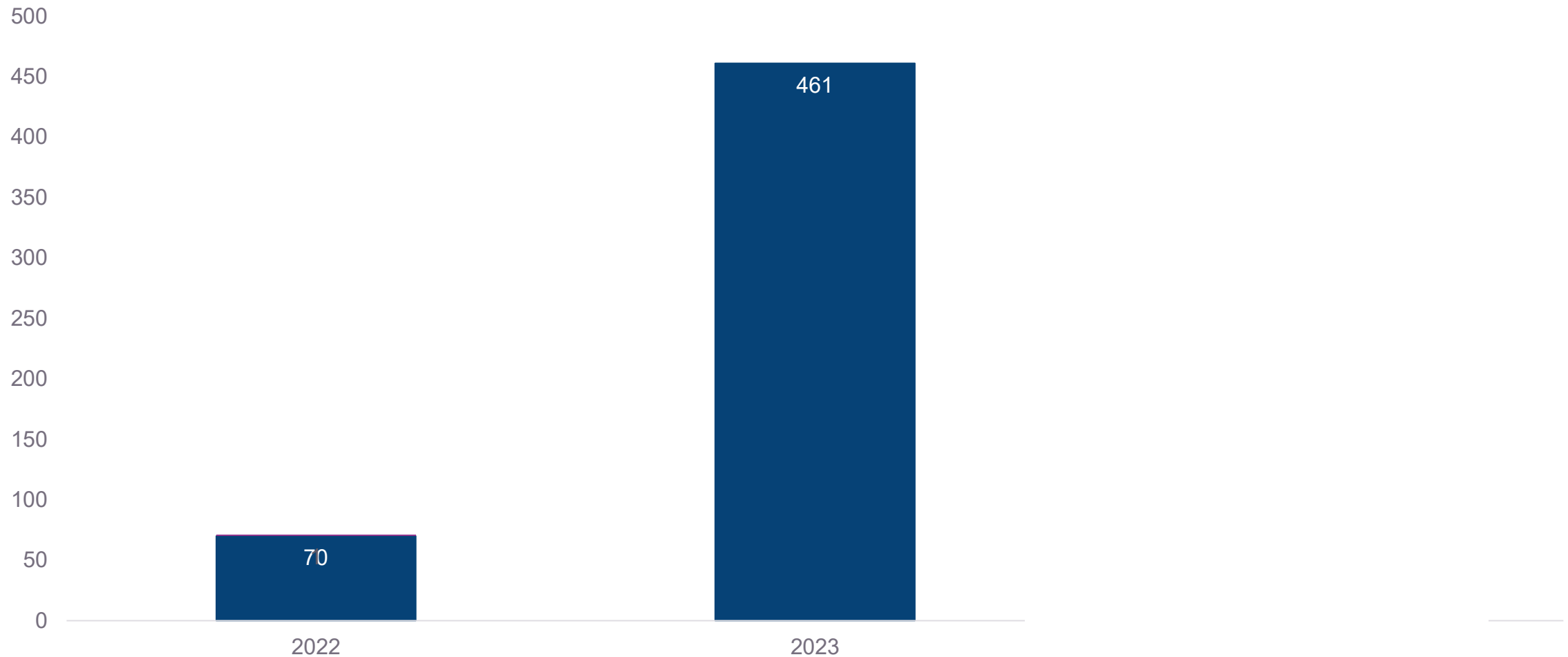
TN outbreak closed in June 2022, what happened next?



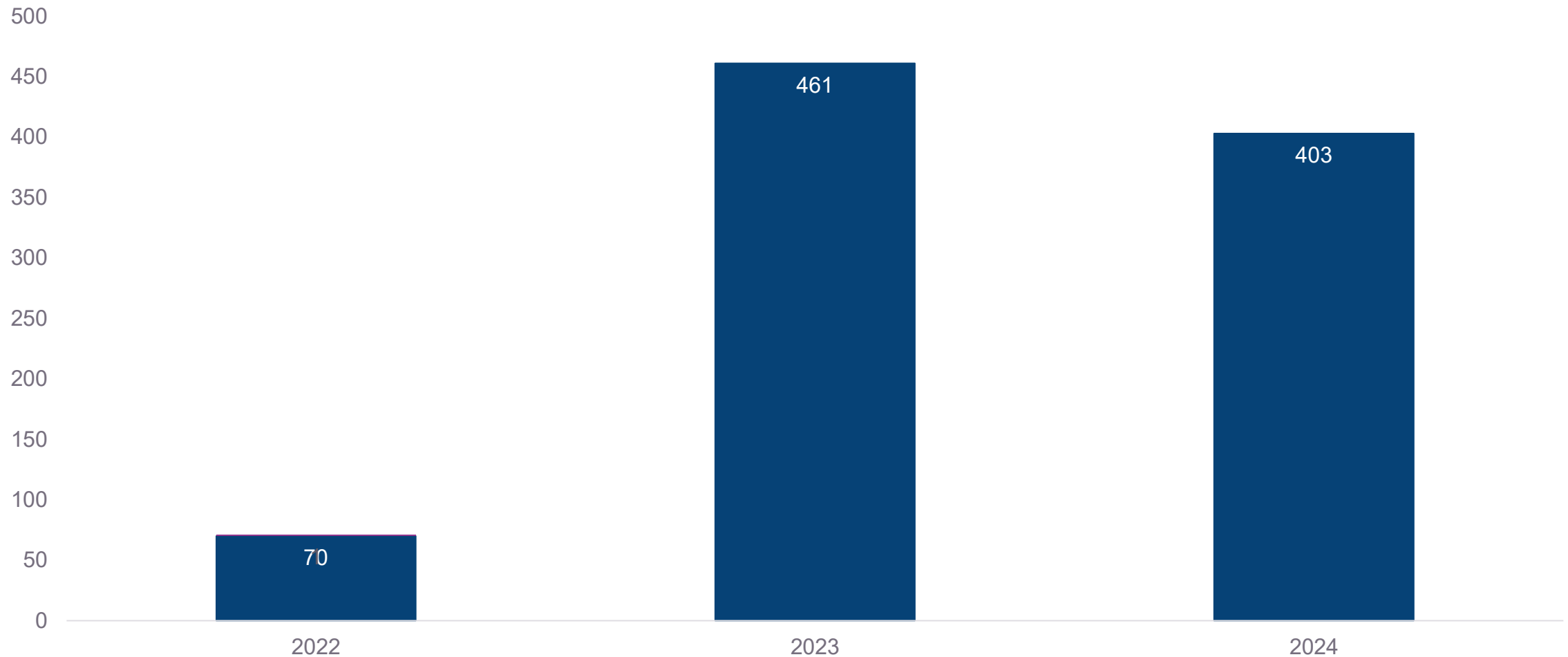
Clinical and colonization cases of *C. auris* in Tennessee, 2022-2024



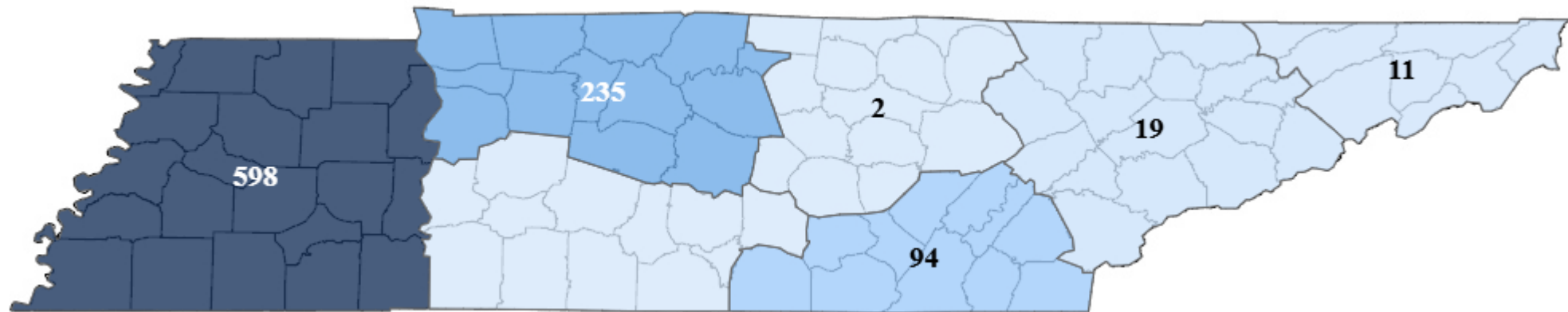
Clinical and colonization cases of *C. auris* in Tennessee, 2022-2024



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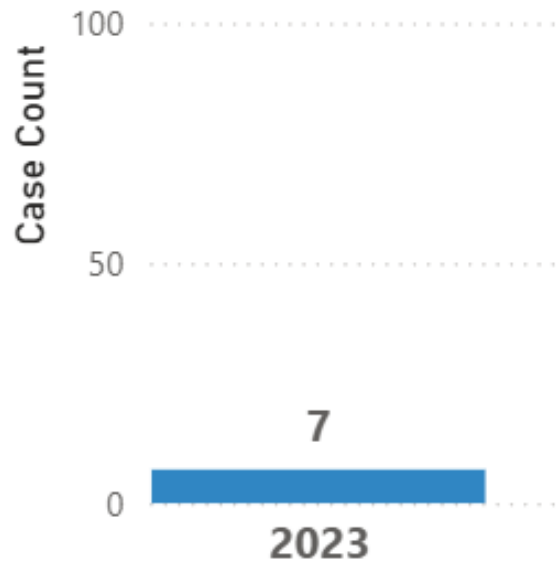
Clinical and colonization cases of *C. auris* in Tennessee, 2022-2024

WELCOME TO

Washington

THE EVERGREEN STATE

First WA *C. auris* case in 2023



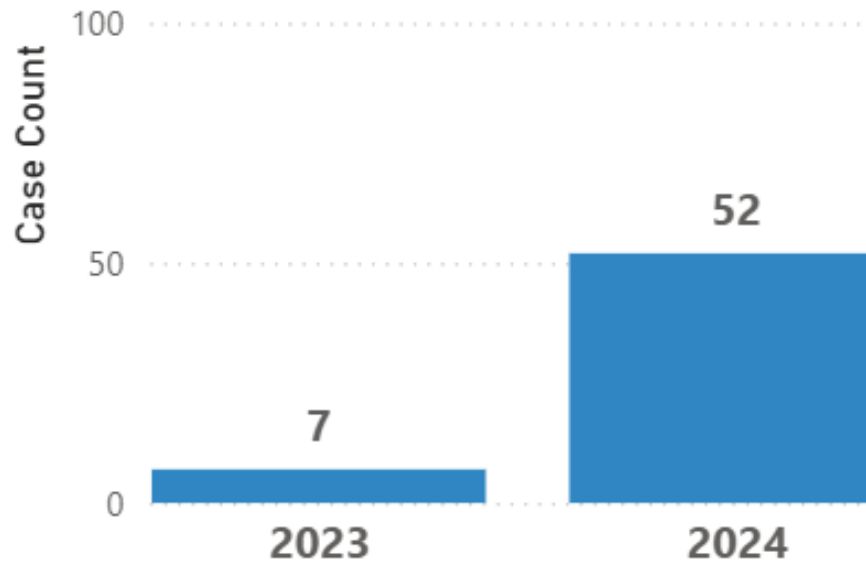
HEALTH

WA hospitals taking precautions after first *Candida auris* fungal case confirmed in patient: HealthLink

The highly drug-resistant yeast was confirmed in a Pierce County patient during standard screening.



Ongoing Transmission in 2024



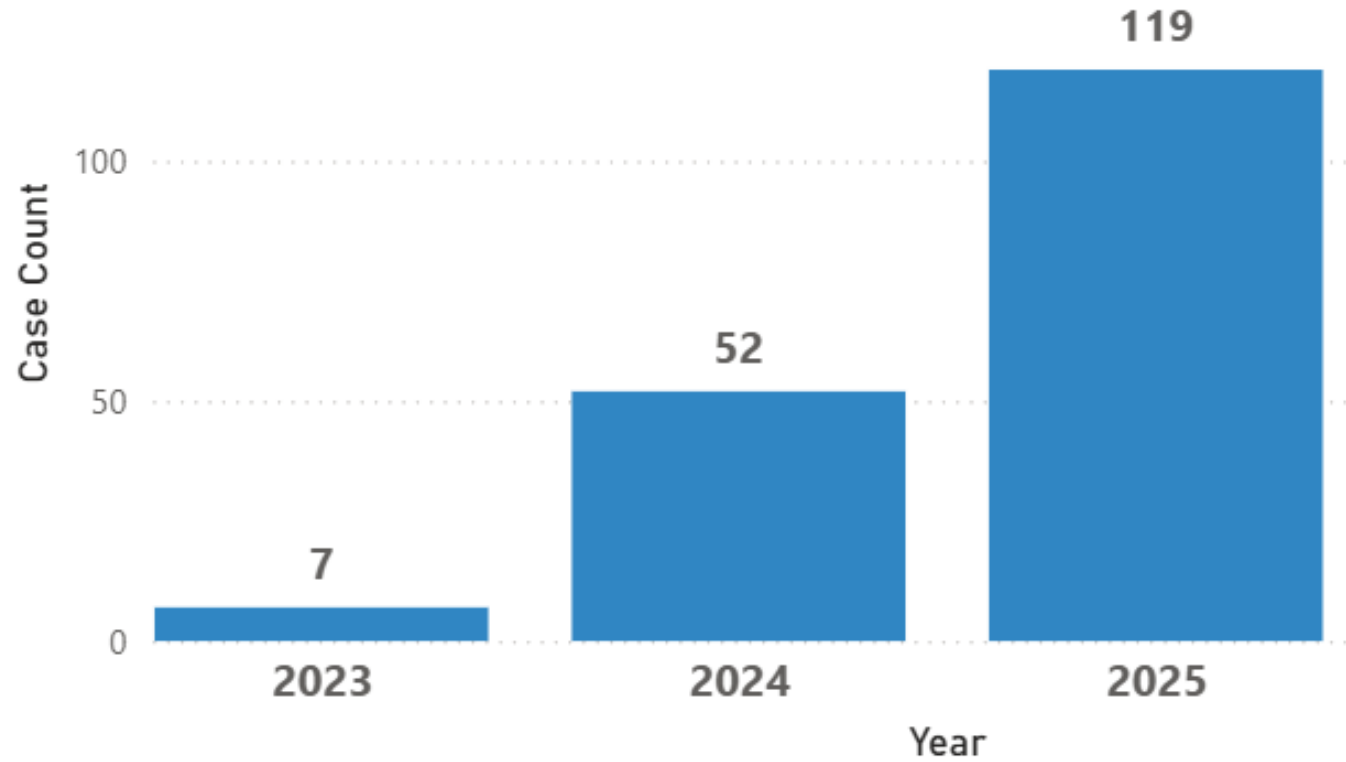
Health Update: Ongoing transmission of *Candida auris* in Washington healthcare facilities

July 30, 2024

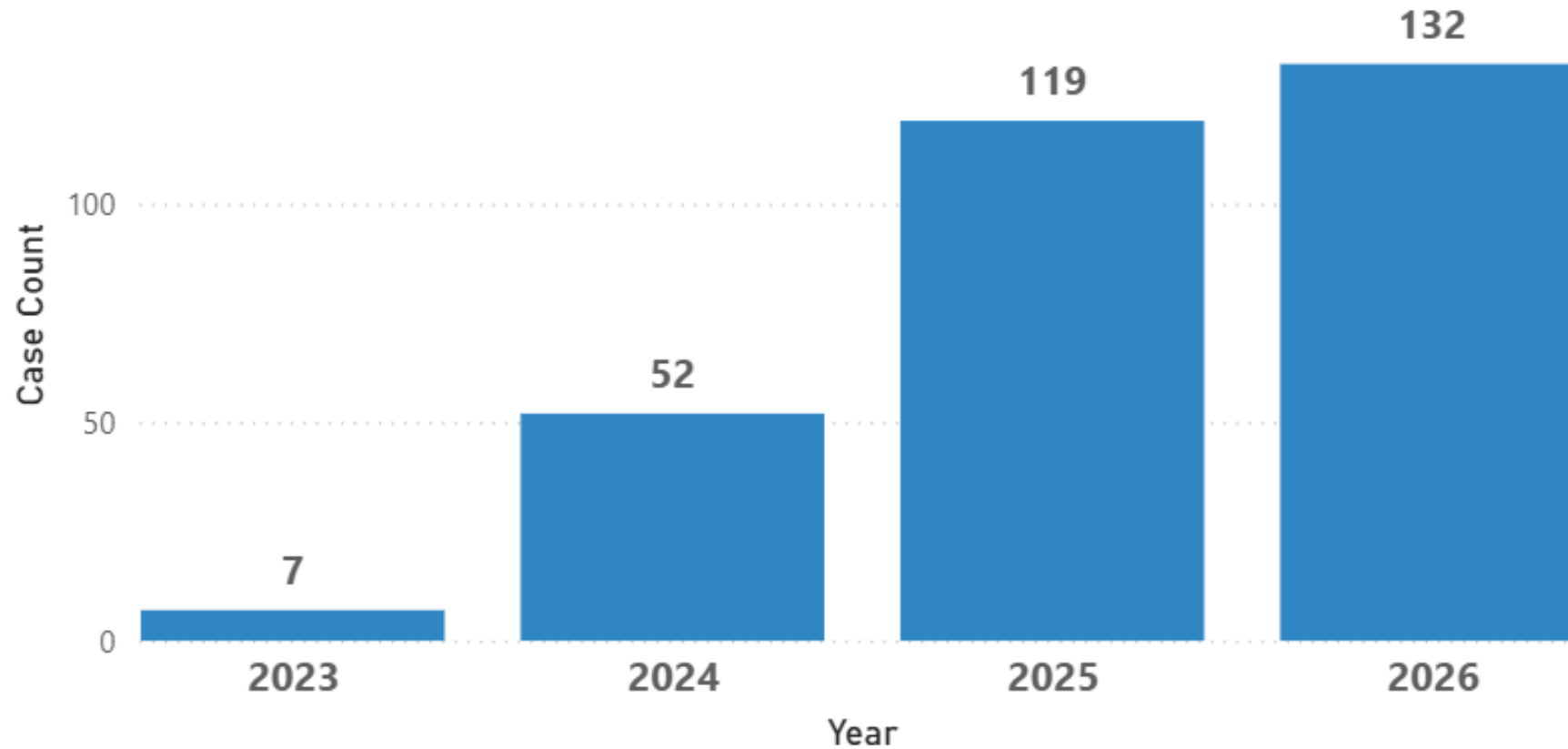


This is a Health Update from the Washington Department of Health (DOH) regarding ongoing healthcare-associated transmission of *Candida auris* (*C. auris*); this serves as an update to our [previous Health Advisory from January 2024](#), after local transmission of *C. auris* was first identified.

Increasing cases in 2025...

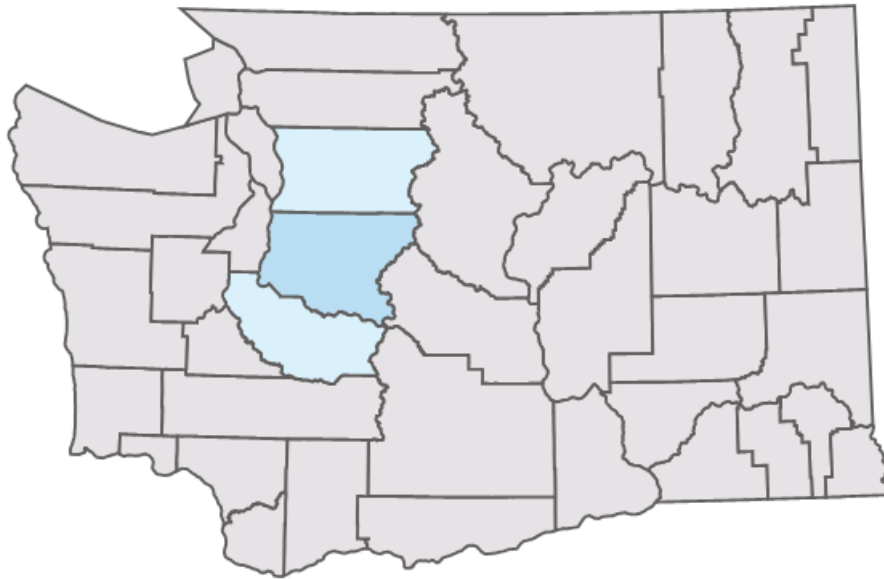


Increasing cases in 2025... and 2026

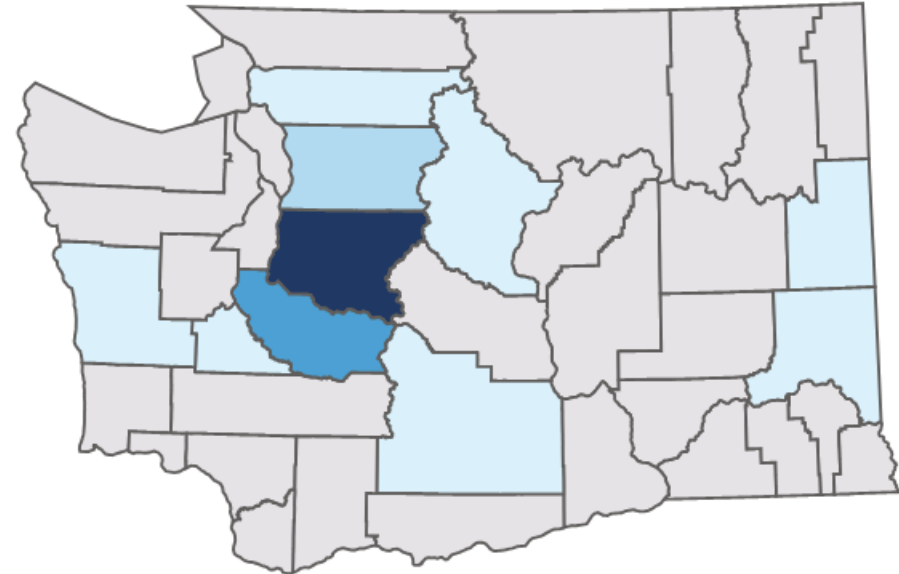


C. auris cases in 10 WA cases

2023



2026



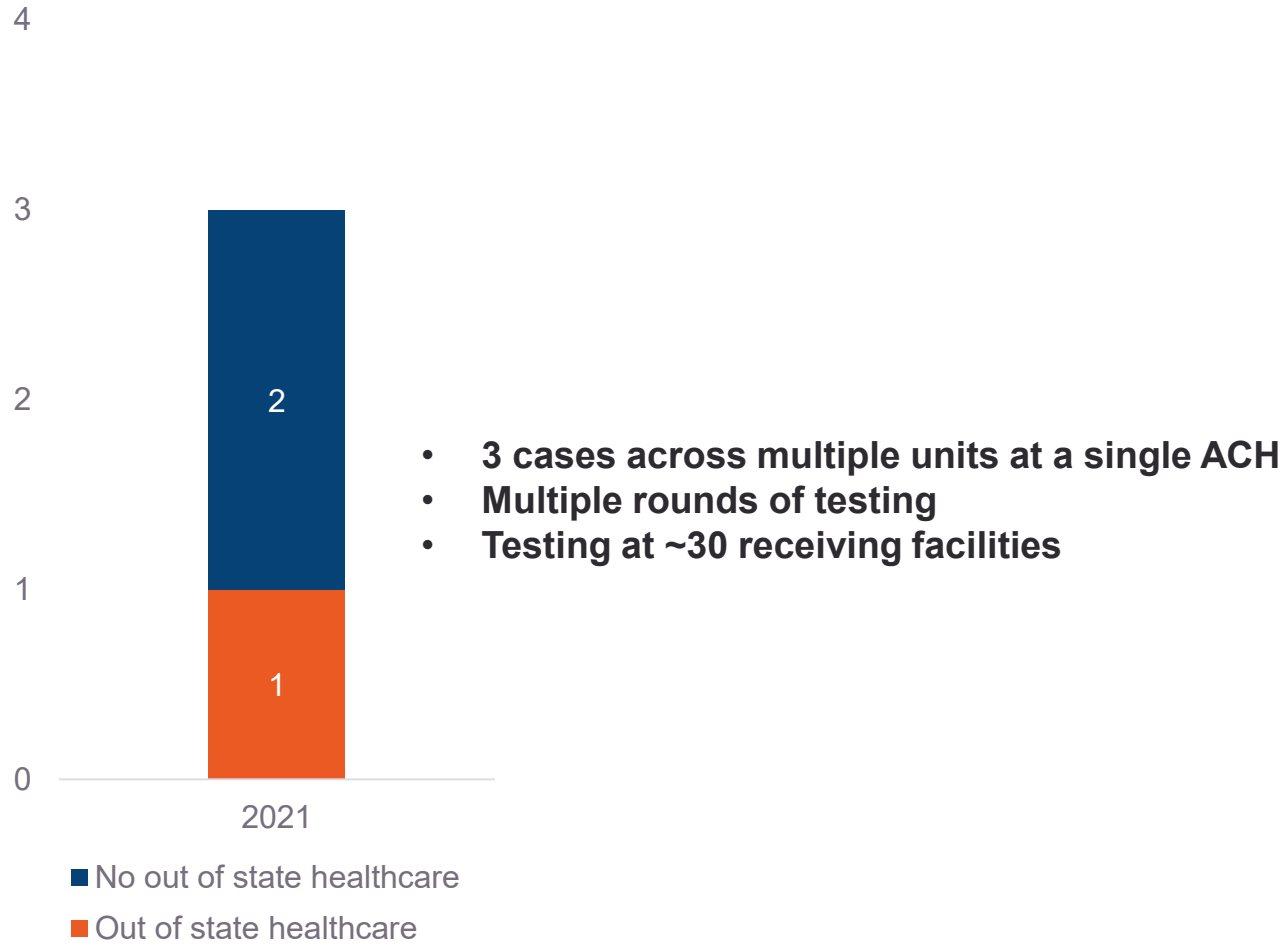


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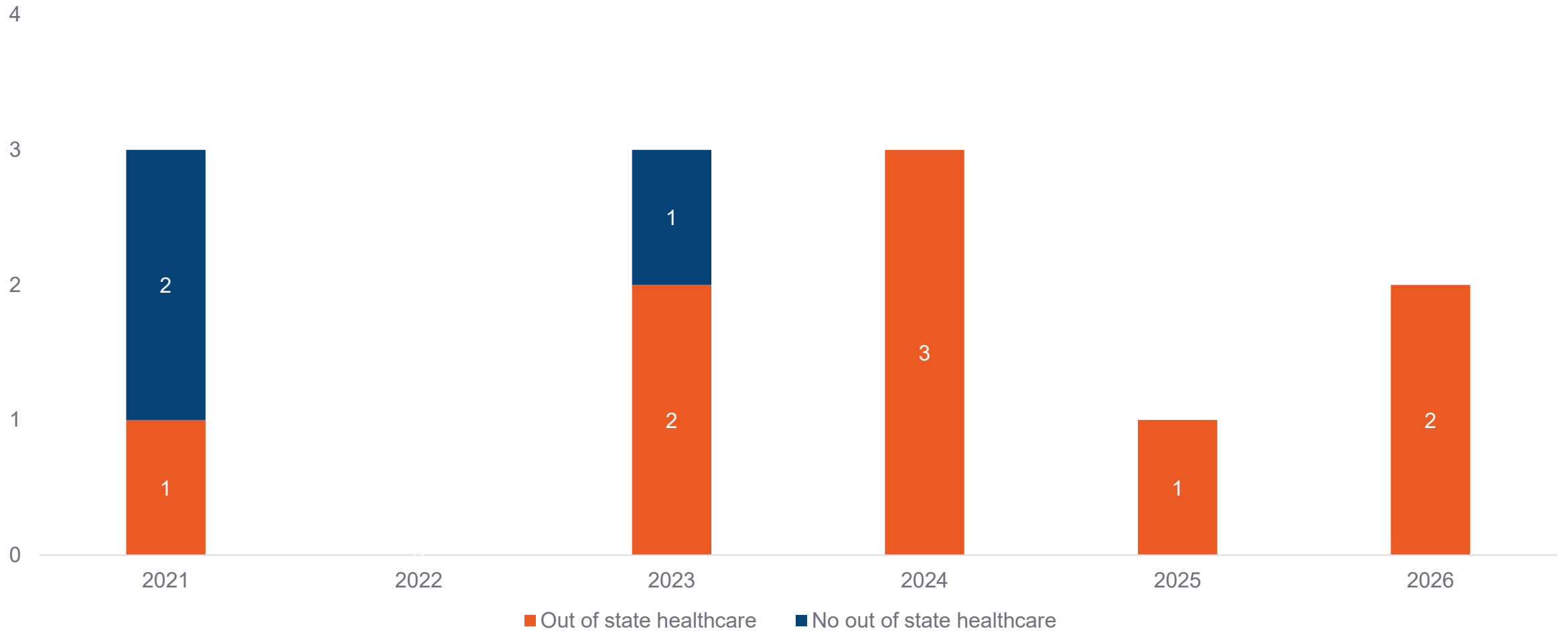
First OR *C. auris* case identified in early 2021



OR outbreak contained to 3 cases



C. auris remains rare in Oregon





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Key Takeaways & Recommendations

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- ***C. auris* spreads fast and is hard to contain once it has a foothold**

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- **Oregon has maintained low prevalence since introduction in 2021**

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- Oregon has maintained low prevalence since introduction in 2021
- **Containment is possible; healthcare facilities can safely care for *C. auris* positive patients**

Key Takeaways

- *C. auris* spreads fast and is hard to contain once it has a foothold
- Oregon has maintained low prevalence since introduction in 2021
- Containment is possible; healthcare facilities can safely care for *C. auris* positive patients
- **Prevention, detection will be key to continued lower+slower trend**

Oregon's Action Plan



Free act Time High Alcohol (55%) 2min Contact Time 4min Co

5 QUAT 2 30 ALCOHOL QUAT 4

Routine use of List P products



Admission screening

go

Inter-facility Infection Control Transfer Form

FACILITY TO COMPLETE FORM AND COMMUNICATE TO ACCEPTING
Please attach copies of latest culture reports with susceptibilities, if available

ient Last Name	First Name	Date of Birth
t or place Patient Label		
ility Name	Sending Facility Unit	Sending Facili

t/resident currently on antibiotics? ☐ NO ☐ YES DX: _____

ient/resident have pending cultures? ☐ NO ☐ YES

t/resident currently on precautions? ☐ NO ☐ YES

cautions (check all that apply) ☐ Contact ☐ Droplet ☐ Airborne ☐ Other: _____

if currently have an infection, colonization, or a history of a resistant organism (MDRO), or have an infection with a	Colonization or history Check if YES	A
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Interfacility transfer communication



Laboratory capacity



Assertive Public Health Response

Oregon's Action Plan



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Precautions (check all that apply) ☐ Contact ☐ Droplet ☐ Airborne ☐ Other: _____

Is resident currently have an infection, colonization, or a history of a resistant organism (MDRO), or have an infection with a multidrug-resistant organism (MDRO)? ☐ YES ☐ NO

Colonization or history Check if YES

Interfacility transfer communication

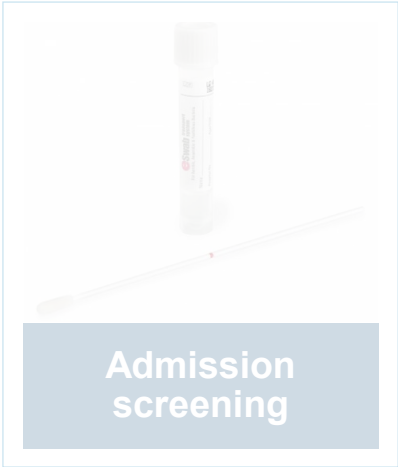


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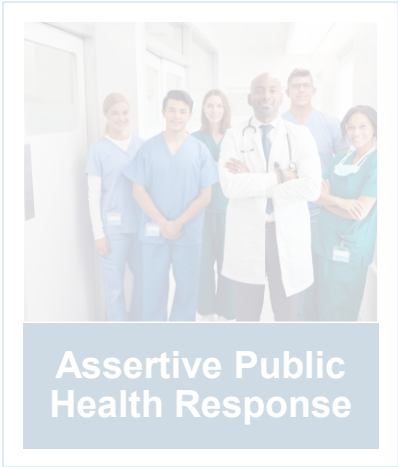
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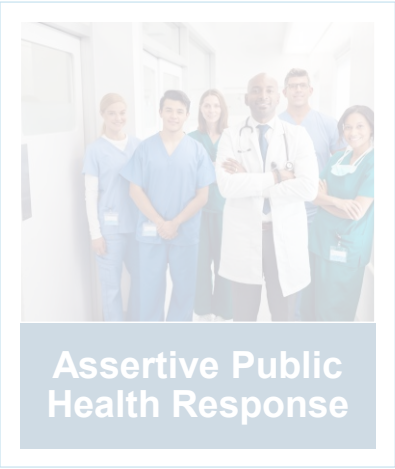
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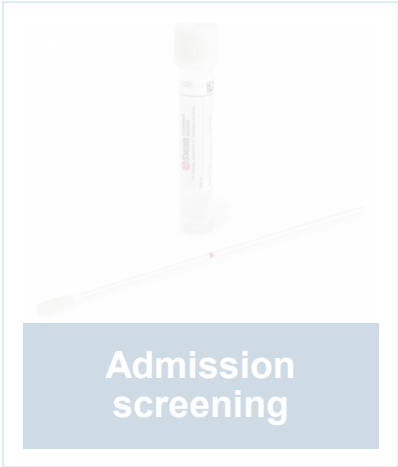
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multidrug transmission-based precautions?	Check if YES	

Interfacility transfer communication



Oregon's Action Plan



80

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Assertive Public Health Response

Thank you!

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MDRO Epidemiologist

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