

# *Salmonella* Oranienburg Multi-state Outbreak associated with Onions, 2021

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DSHS Lab notified Foodborne team about a WGS local cluster

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- 8 *Salmonella* Oranienburg cases (0-1 alleles) from 6 counties (PHR 2/3, 7, 8)
- One case reported Mexican style food (part of the future restaurant sub-cluster)

September 3, 2021

CDC notified states about opening a multi-state cluster

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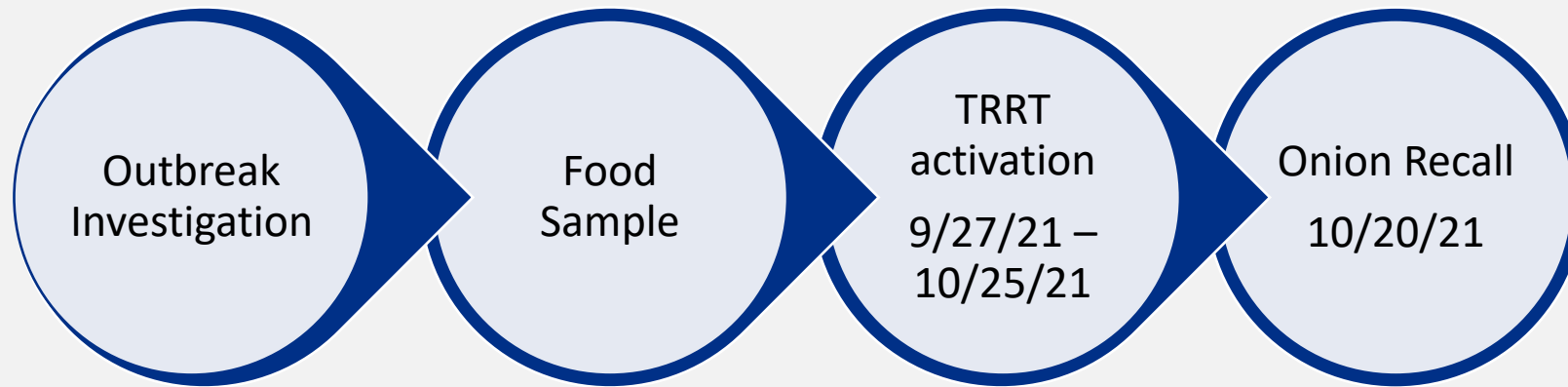
- 25 cases from 10 states
- Common exposure, - chicken, leafy greens, turkey, tomatoes, eggs

September 14, 2021

Cluster is growing

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- 126 cases from 24 states (TX – 45)
- National Hypothesis Generating Questionnaire (not onions) was deployed
- No suspect food item



# Restaurant sub-clusters, Texas

#	Restaurant Name	Restaurant Location	# Cases	Jurisdiction
1	A	Waco	2	McLennan Co (PHR 7) –restaurant Cases are OOS – IL and MO
2	B	Plano; Tyler	4 (1)	Collin Co (PHR 2/3); Smith Co (PHR 4/5)
3	C	Dallas	2	Dallas Co (PHR 2/3)
4	D	Georgetown	2	PHR 7
5	E	Fort Worth	2	PHR 2/3
6	F	Austin and Round Rock	4 & 2	Austin – Travis Co (3) and WI cases. Round Rock – 2 Williamson Co cases
7	G	Irving, Dallas	2	Dallas Co (PHR 2/3)

# Final Case Count and Demographics

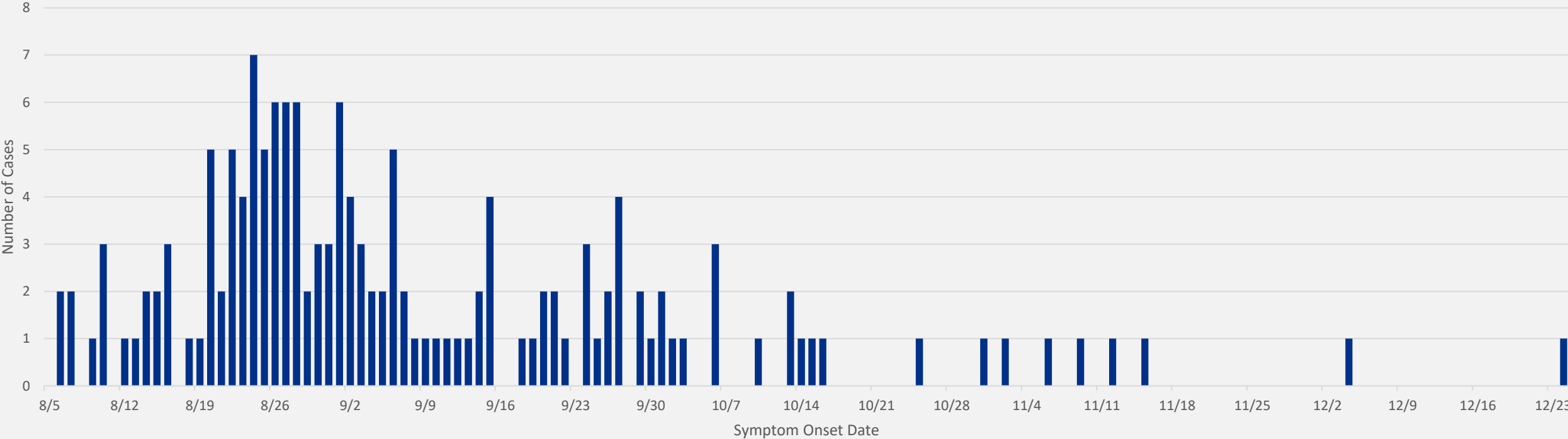
## US

- 1,040 cases from 39 states
- Illnesses onset 5/31/2021 to 1/1/2022
- Age range <1 year to 101 years (median age of 38)
- 58% female
- 33% hospitalized; no death

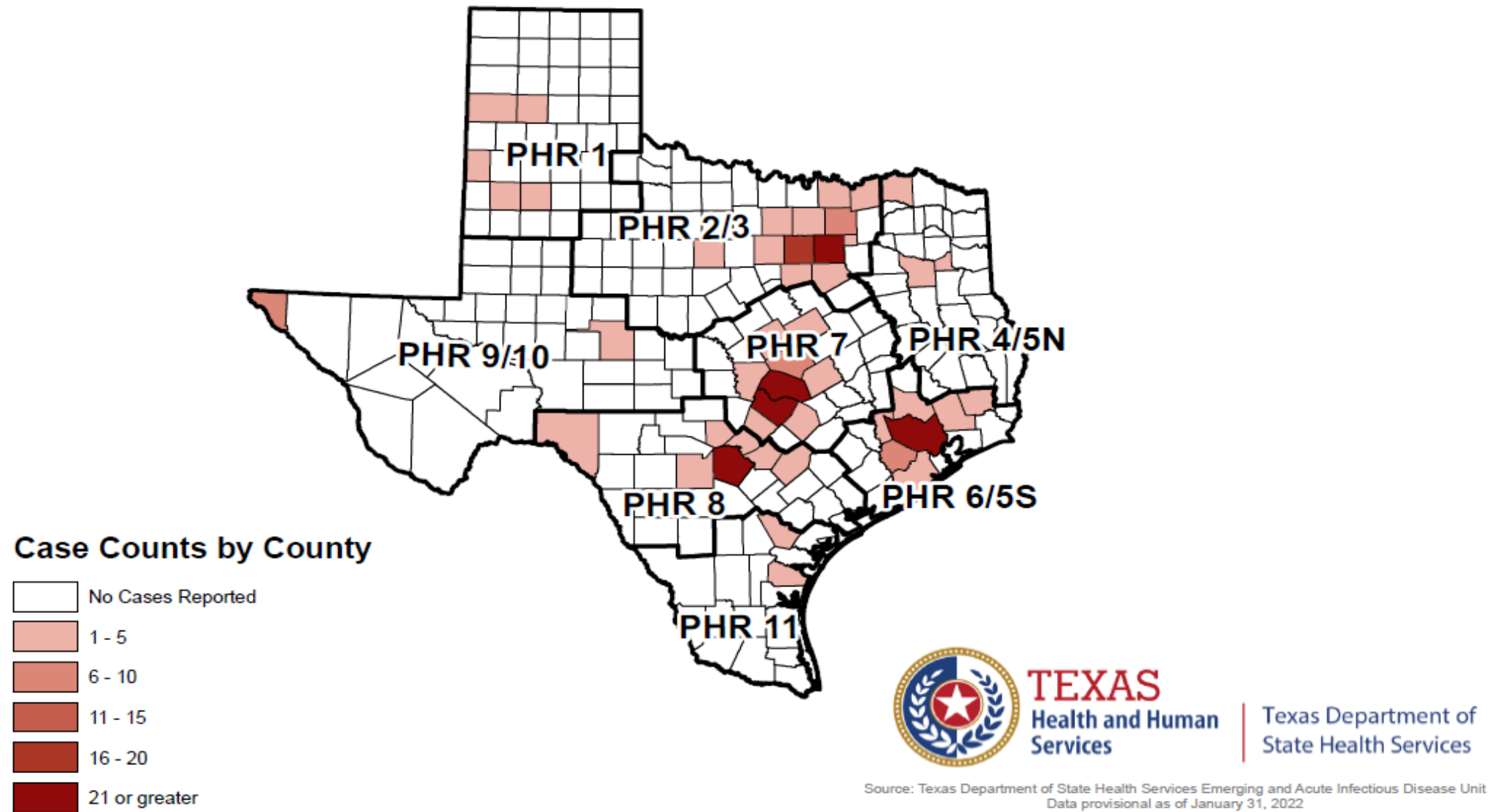
## TX

- 248 cases from 47 counties
- Illness onset 5/31/2021 to 12/24/2021
- Age range <1 year to 92 years (median age of 36)
- 56% female
- 22% hospitalized

Texas Epi-Curve, *Salmonella* Oranienburg 2109MLJX-1, as of January 18th, 2022 (n=153\*)



## ***Salmonella* Oranienburg Multi-state Outbreak Laboratory-confirmed Cases by County, Texas, 2021 (n=248)**



## Challenges

The size of the outbreak

Mexican style food

COVID-19

## Success

Food isolate

TX restaurant sub-clusters

Communication





# Thank you!

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