A binational outbreak investigation of Vibrio Parahaemolyticus
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Binational Collaboration
Binational communications
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Arizona cases

• 2 vibrio parahaemolyticus cases notified in MEDSIS on August 7\textsuperscript{th}

Puerto Peñasco Weekend of July 25\textsuperscript{th} to 27\textsuperscript{th}

Ate seafood at same restaurant that weekend Name and address in MEDSIS

Both began with symptoms same day Monday July 28\textsuperscript{th}
Sonora update

• Enteric disease foodborne outbreak in Puerto Peñasco

A: 2 cases AZ
B: 9 cases SO
C: 1 case SO
7 cases CA
Communications updates

Offices of Border Health along the border CA, NM, TX

US-MX unit
CDC shellfish unit

Health and Wellness for all Arizonans
Investigation update

Restaurant A
2 cases AZ
2 samples AZ

Restaurant B
9 cases SO
0 samples SO

Restaurant C
1 case SO
7 cases CA
8 samples SO

Total 19 cases
Only 10 samples collected
Next steps

Sonora: Environmental investigation

Arizona and California: Call for cases
Health Alert Network
New cases?

Week after exposure
Different Restaurant
Seafood plate
Brother also sick

Visit at time of exposure
Ate seafood
No info on restaurants
Lost to follow up

AZ

CA
Exposure information

Information from 6 cases only

3 cases 50%

5 cases 83%

5 cases 83%
Health and Wellness for all Arizonans

Environmental investigation
Results shared on November 12th, 2014

Restaurant A

Food samples

Vibrio Parahemolyticus
Fecal Coliforms
Negative
Difficulties

Language

Terminology

Interests

Methods

Resources

Lab Capacity
Other Difficulties
Difficult but not impossible
Acknowledgements