



Microbiological Data Program

Overview

Infection
Spread I

Infection
Spread II

Bacteria
Analysis I

Bacteria
Analysis II

MDP Dashboard

Analysis of 2011 Food Bacterial Contamination in US

This dashboard presents an extensive overview of the 2011 Microbiological Data Program's findings on the prevalence of hazardous bacteria in fresh produce. The dataset encompasses the results from rigorous testing for pathogens such as Salmonella, Listeria monocytogenes, Shigella, and pathogenic E. coli. Throughout 2009, samples were meticulously collected from over 600 distribution sites across the continental U.S. and analyzed by state agricultural labs and the AMS National Science Laboratory. Critical alerts were issued to the FDA for immediate removal of contaminated products from the market, ensuring consumer safety. The data also supported the CDC and state health departments in monitoring and responding to potential foodborne illness outbreaks.

By clicking on the icon "i" (top left) it is possible to access the Menu and to filter the dashboards.

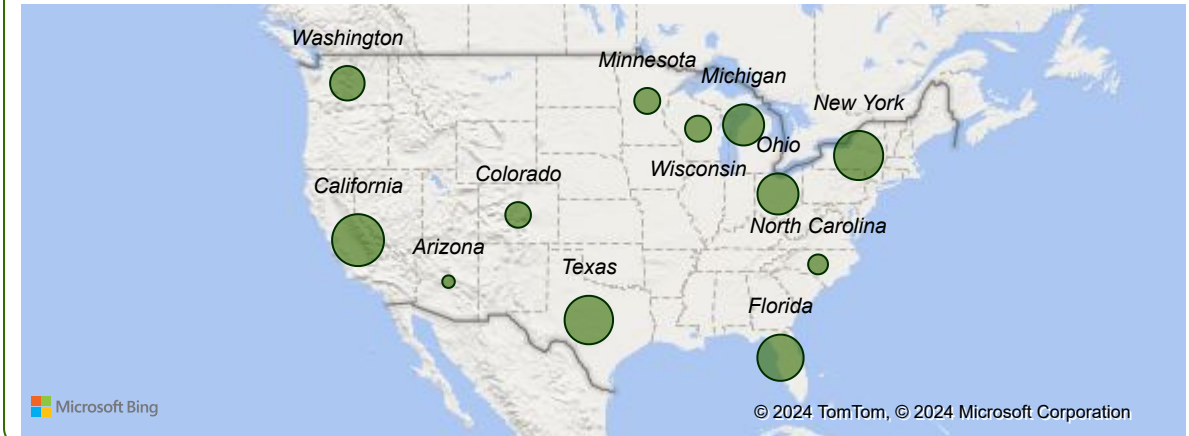
5658
Number of Samples

51
Positive Results

0,9%
Positivity Rate

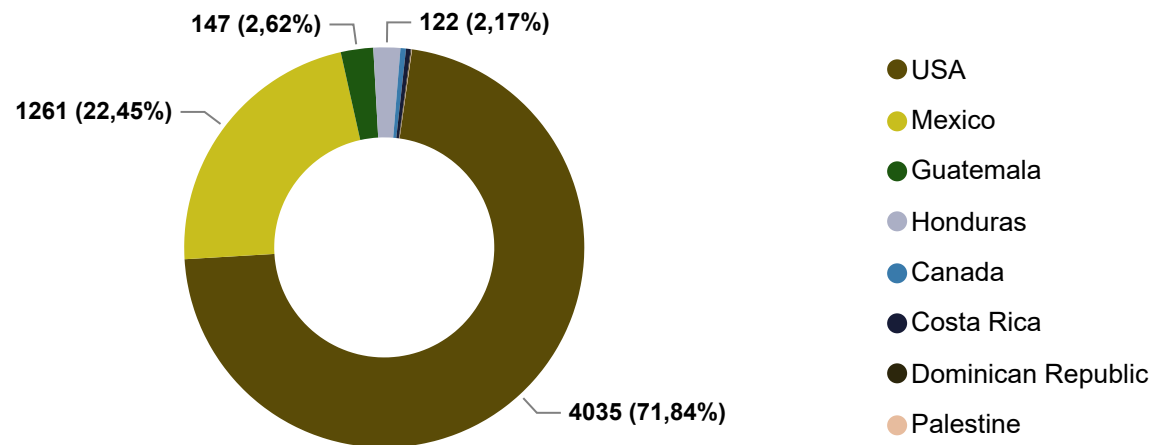
States of Collection

Map of the state in which samples were collected



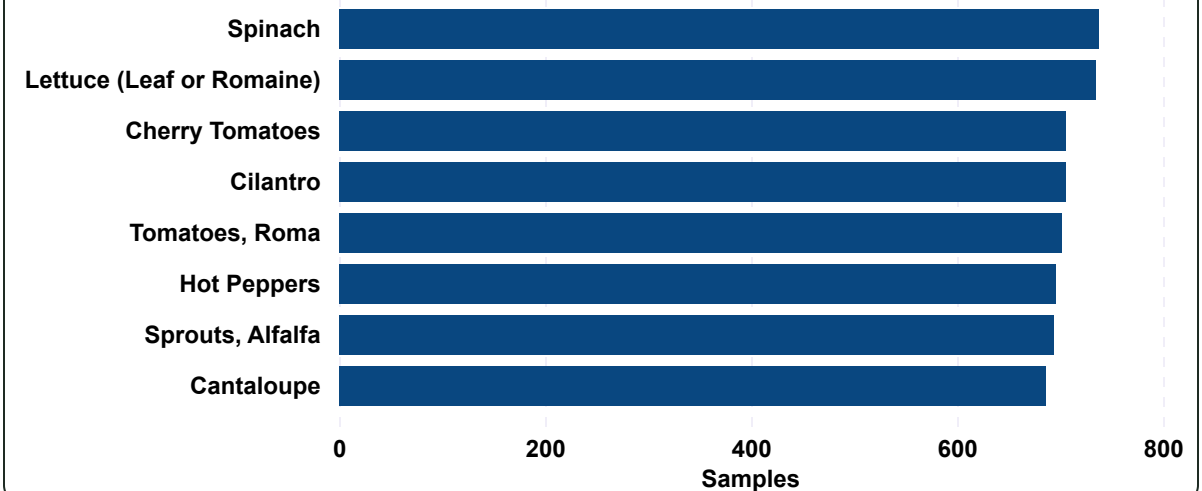
Sample's Origin

Country of origin of the tested food



Commodities

Number of Samples collected for each every commodity





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ORIGIN of the Positive Sample

Where the infected food was produced

USA

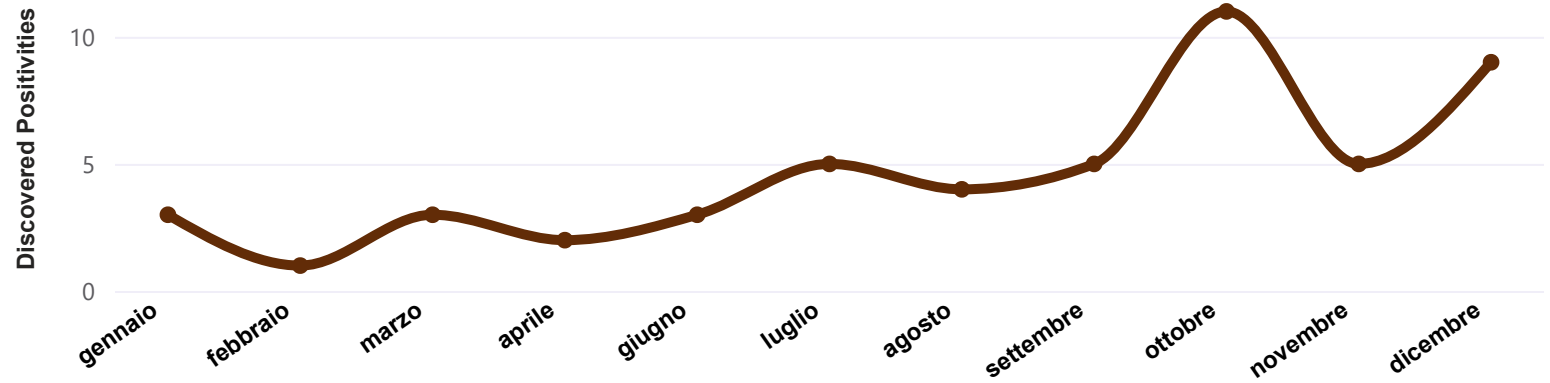
44

Mexico

7

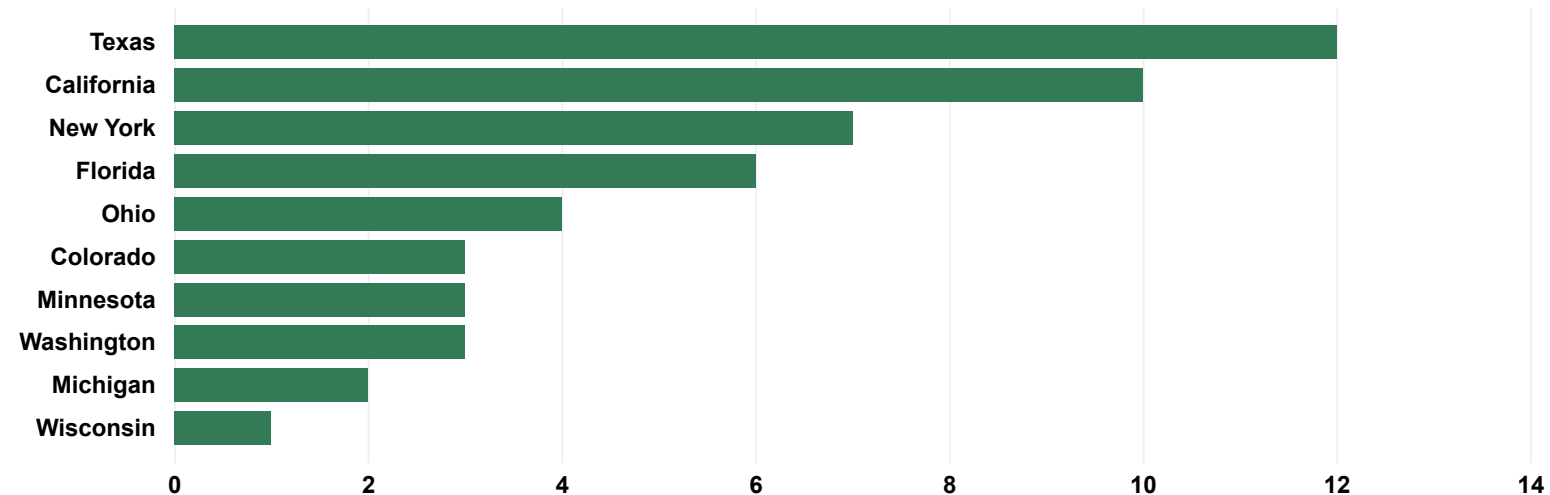
Positivities Through 2011

Trend of discovered positivities in 2011



Discovered Positivities per STATE

How many positivities were discovered in each State





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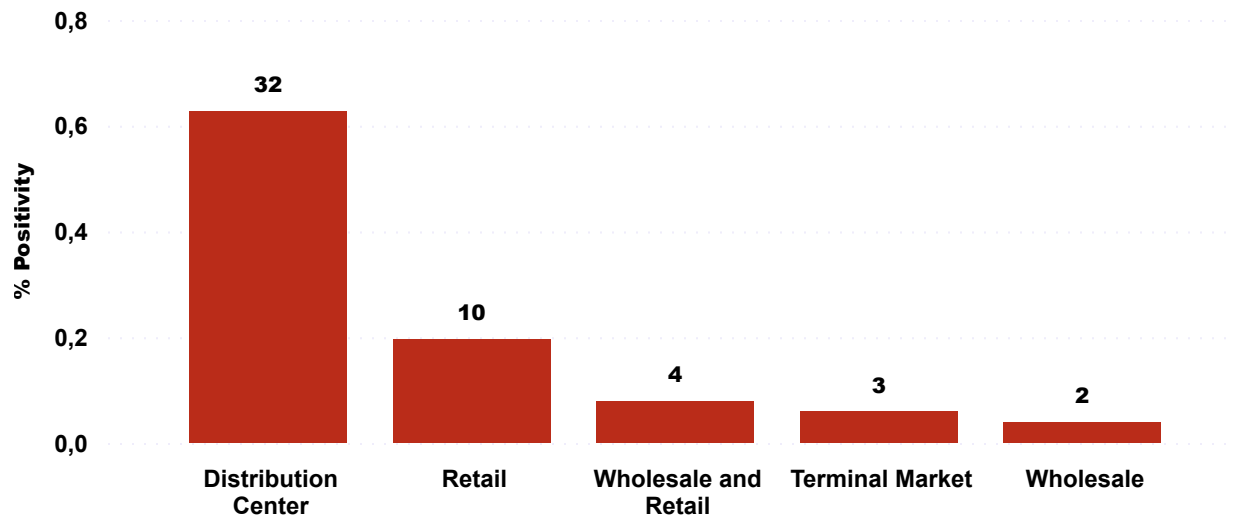
Positivity Rate per COMMODITY

How many positivities were discovered per each type of Commodity (Percentage and Abs. Number)



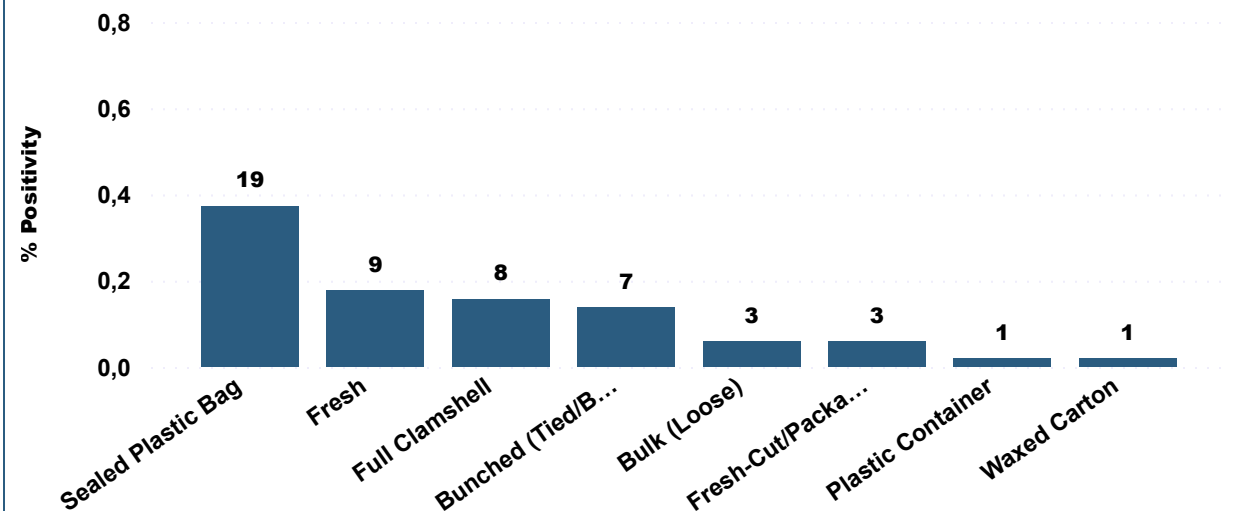
Positivity Rate per DISTRIBUTION SOURCE

How many positivities were discovered per each Distribution Source (Percentage and Abs. Number)



Positivity Rate per PACKAGING

How many positivities were discovered per each type of Packaging (Percentage and Abs. Number)





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Discovered Bacteria Infections



Test Performed in Discovered Positivities

BAX + Cultural (confirmed positive)

23

BAX pooled sample pos. (cult. confirmed)

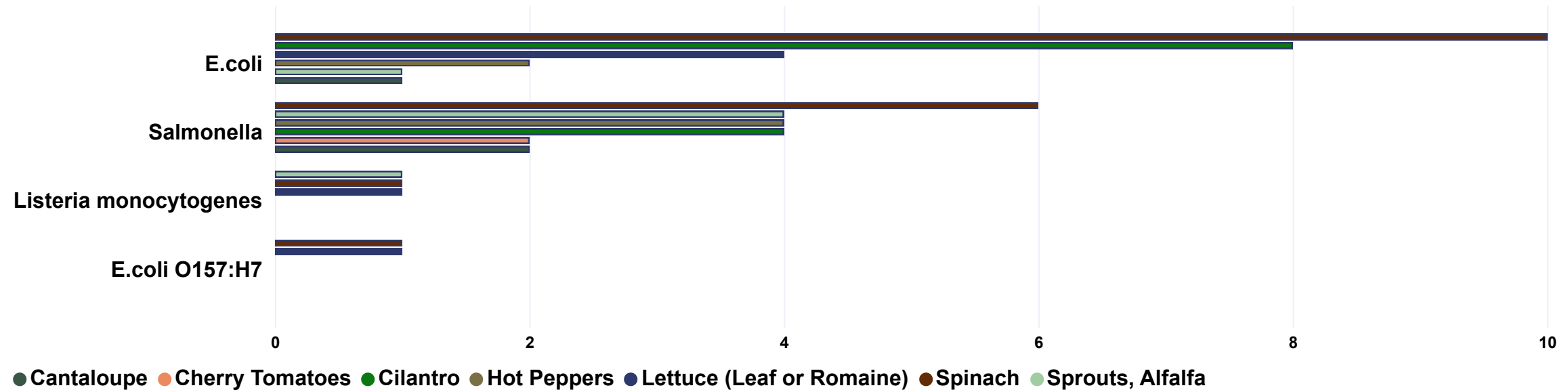
1

rtPCR + Cultural (confirmed positive)

26

Discovered Bacteria per COMMODITY

Number of bacteria found in each commodity analyzed





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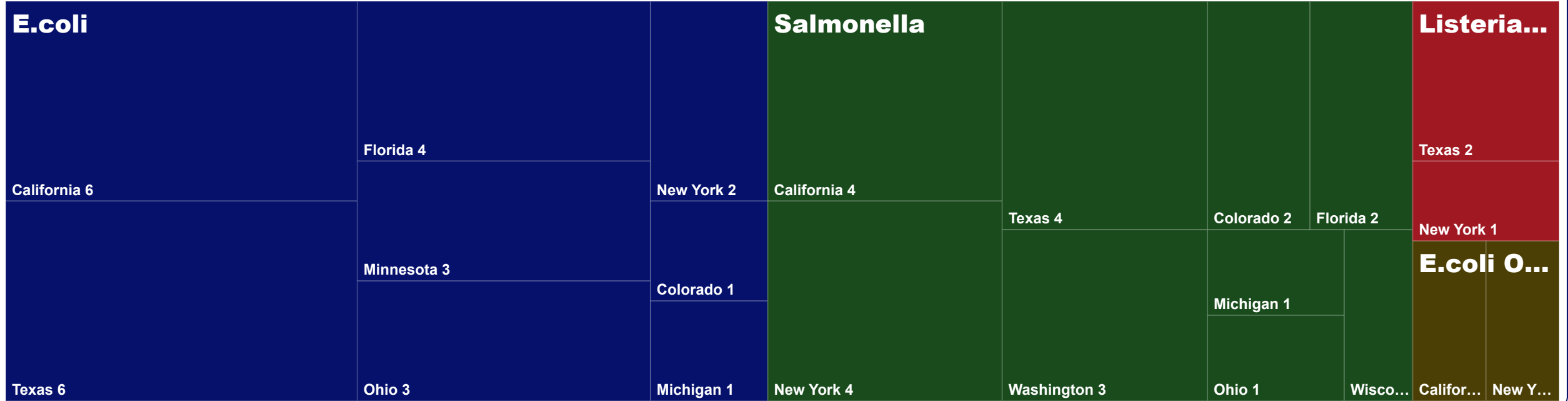
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Discovered Bacteria per STATE



Discovered Bacteria per DISTRIBUTION SOURCE

