



NVSL
Salmonella,
Mycoplasma
and
Pasteurella
multocida
Update

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Committee on Poultry and Other Avian
Species

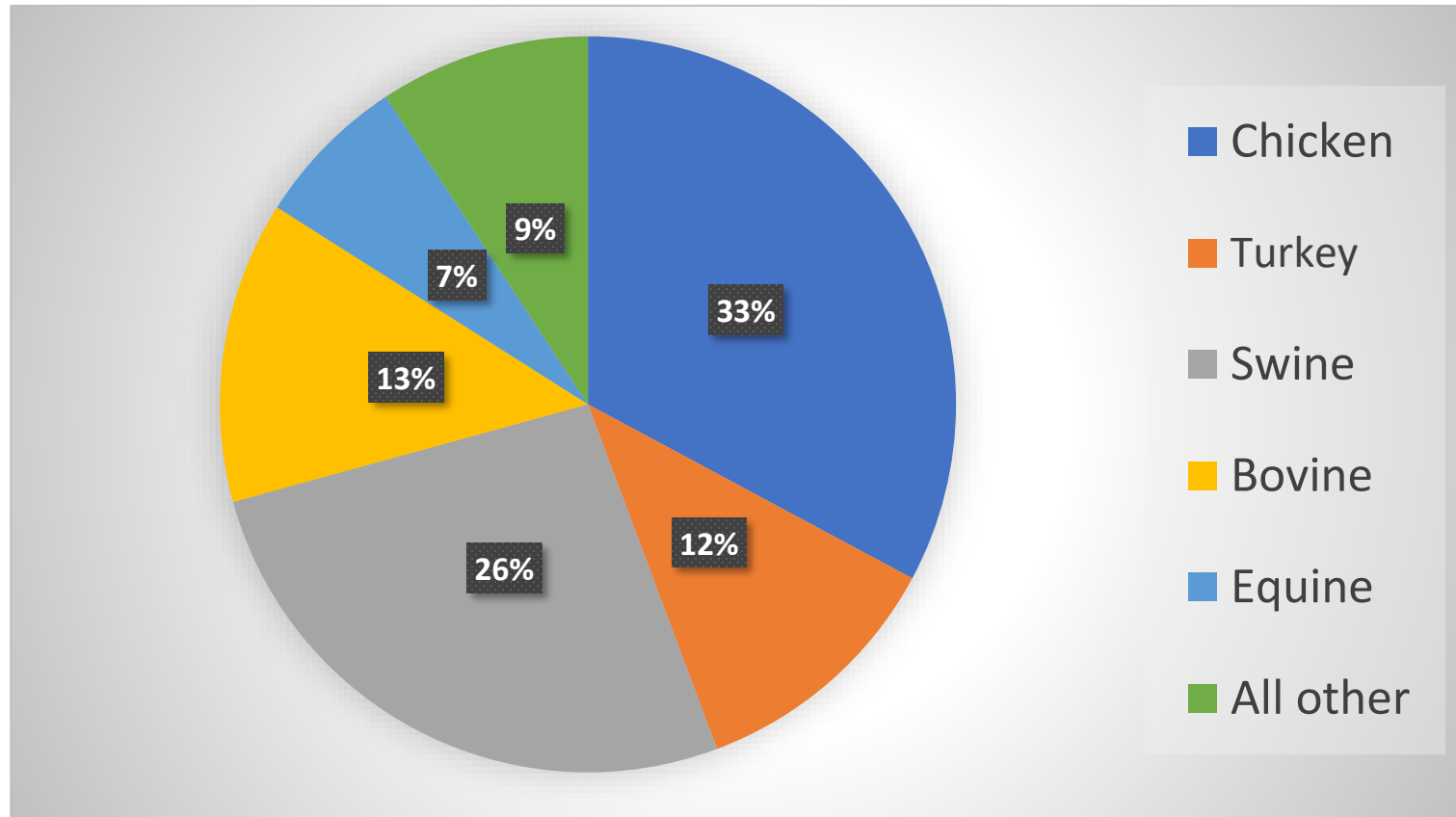
October 3, 2022



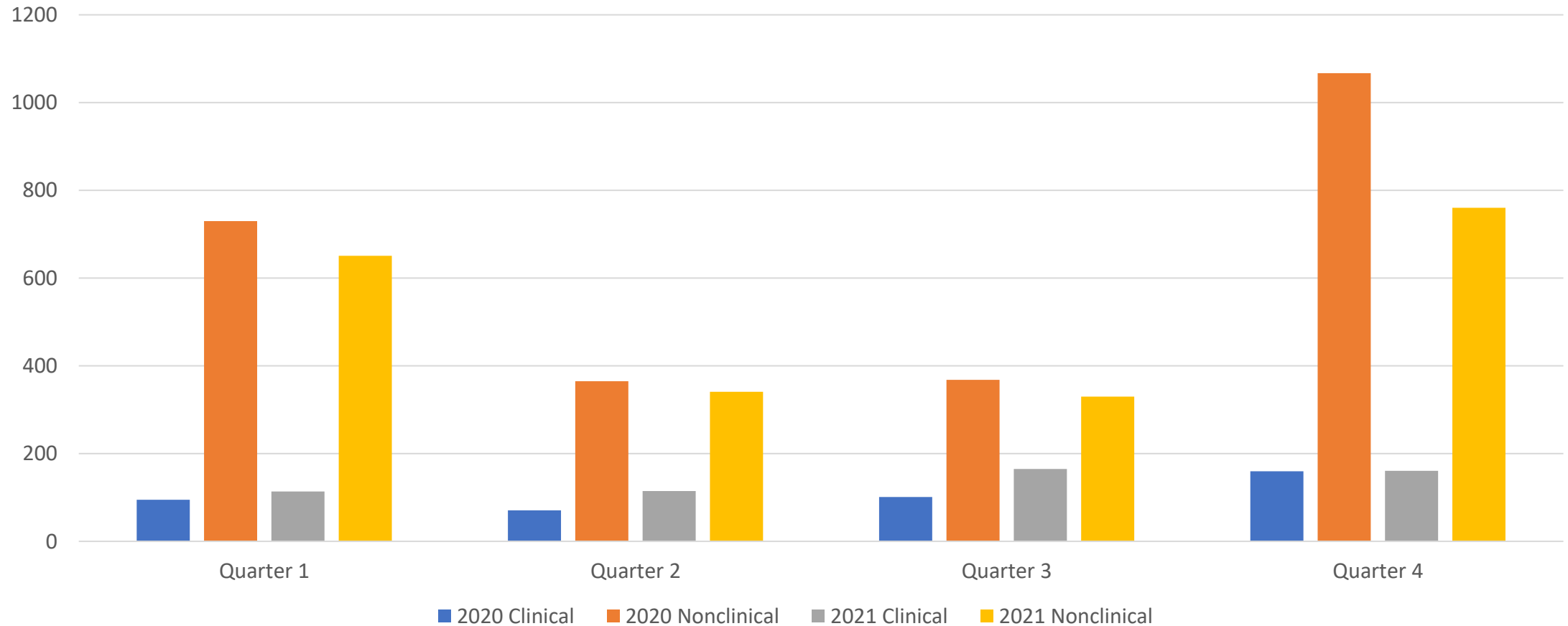
Salmonella Serotyping

- 10,943 isolates submitted in 2021
 - 5,498 clinical isolates
 - 3,564 non-clinical isolates
 - 1,881 research and other isolates
- 2,976 isolates from chicken
- 1,038 isolates from turkey

Submission by Species for Serotyping



Quarterly Chicken Submissions by Clinical Role

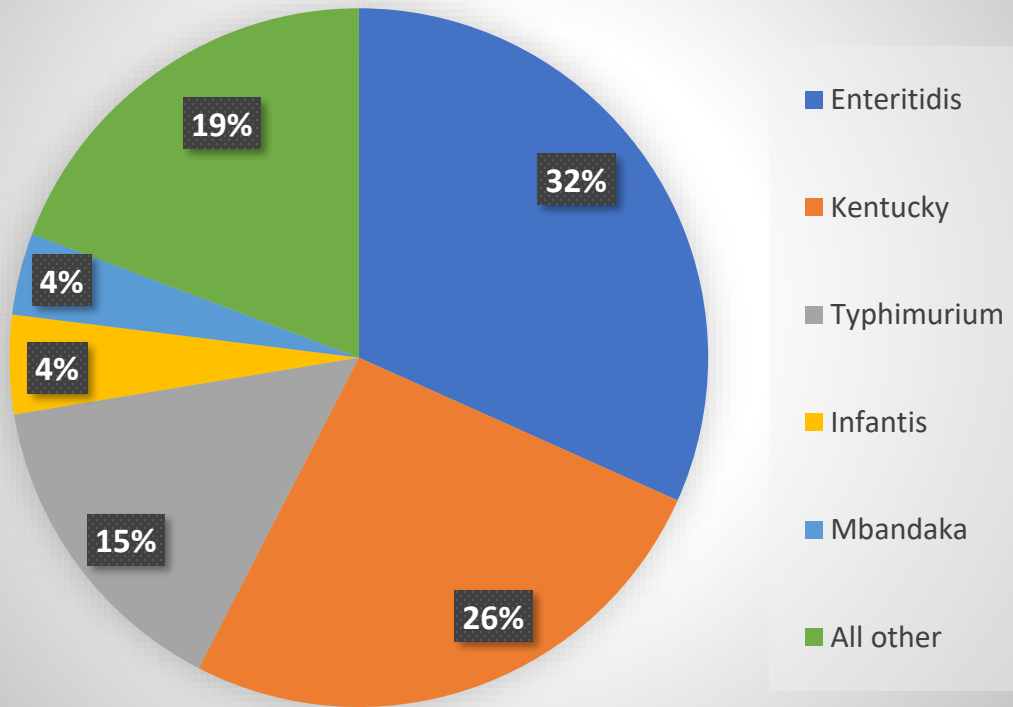


Most Common Serotypes – Chicken 2021

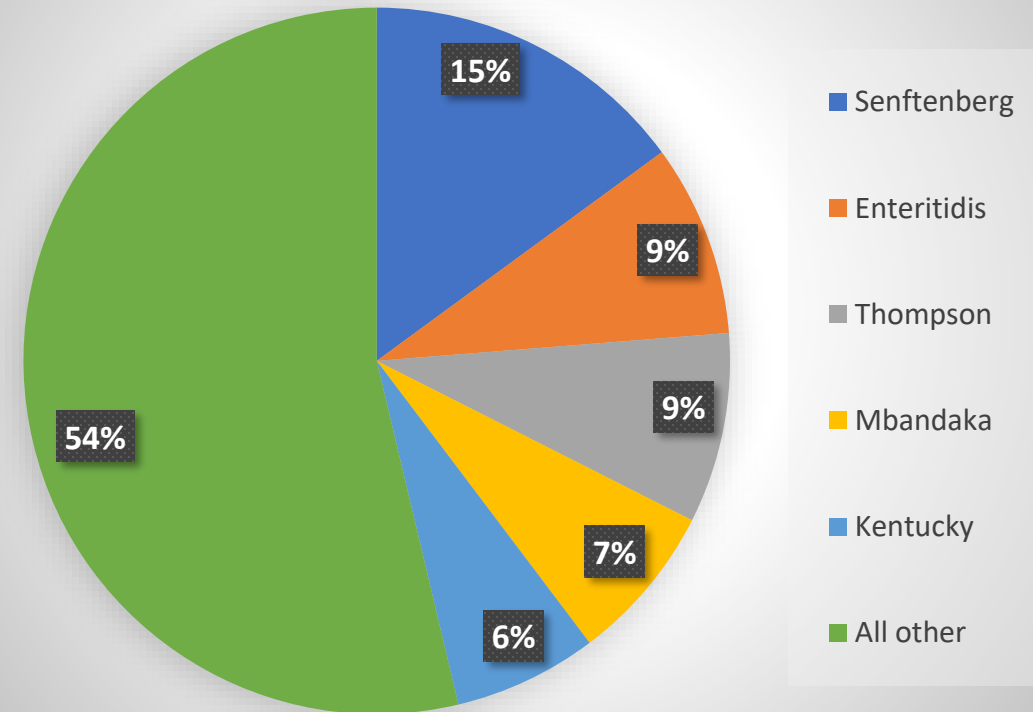
Rank	Clinical	Non-Clinical
1	Enteritidis	Senftenberg
2	Kentucky	Enteritidis
3	Typhimurium	Thompson
4	Infantis	Mbandaka
5	Mbandaka	Kentucky

Chicken 2021

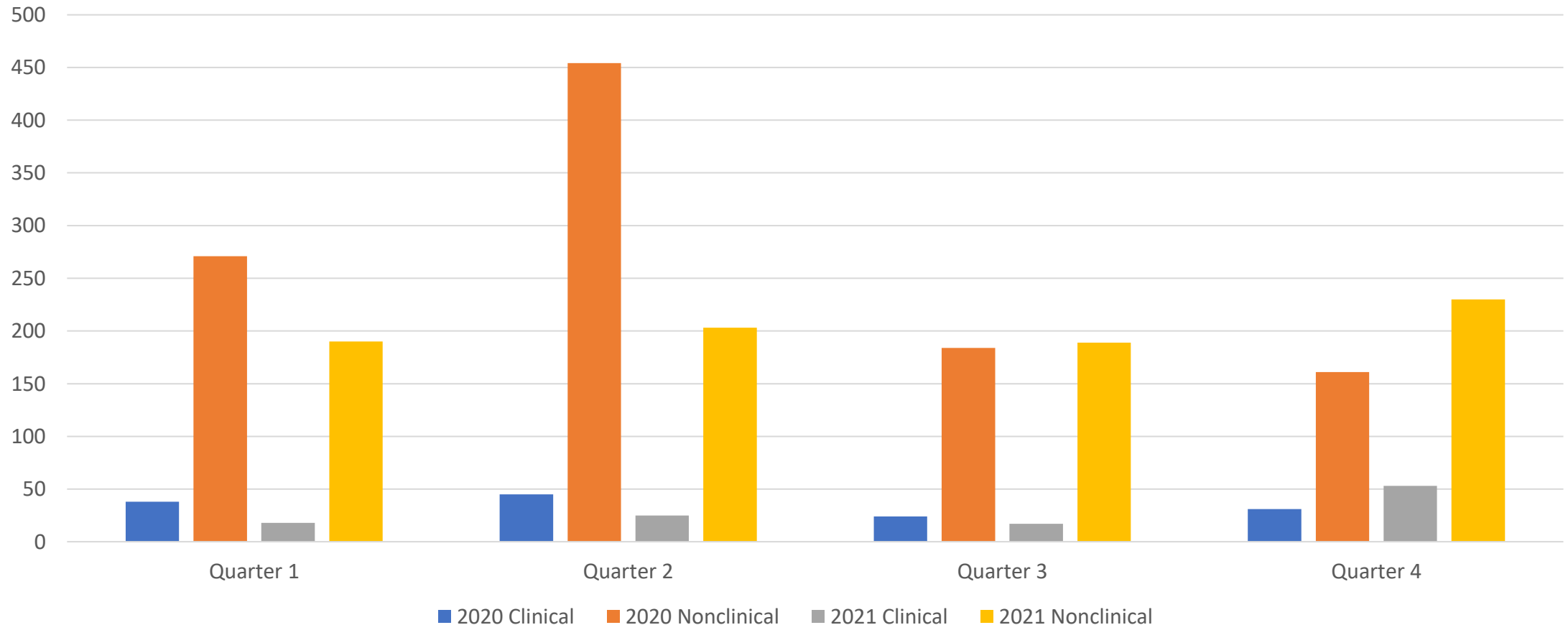
Clinical



Non-Clinical



Quarterly Turkey Submissions by Clinical Role

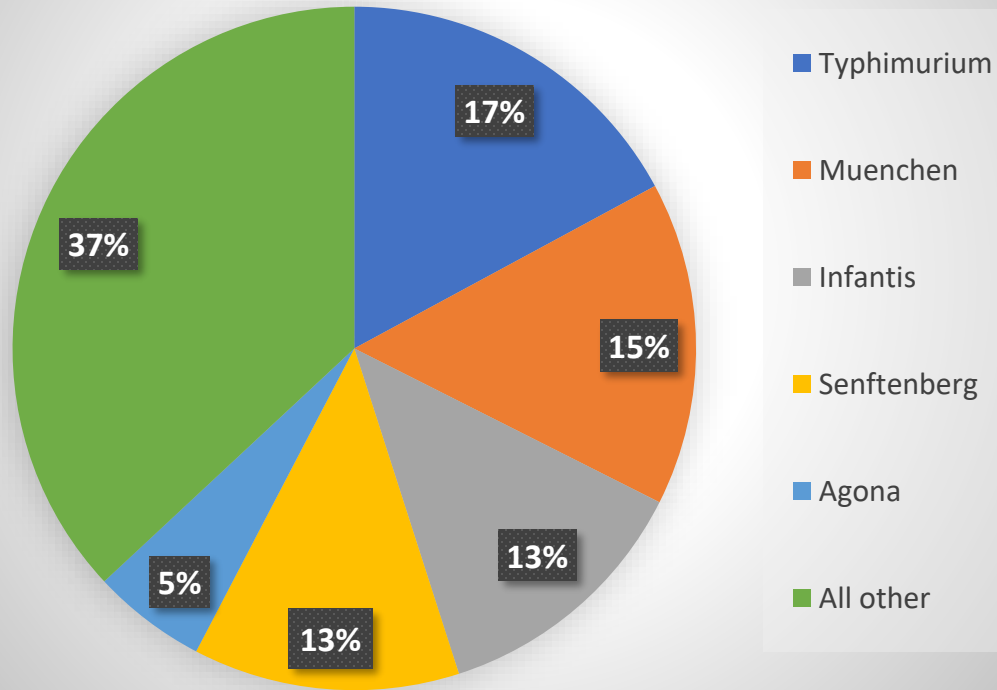


Most Common Serotypes – Turkey 2021

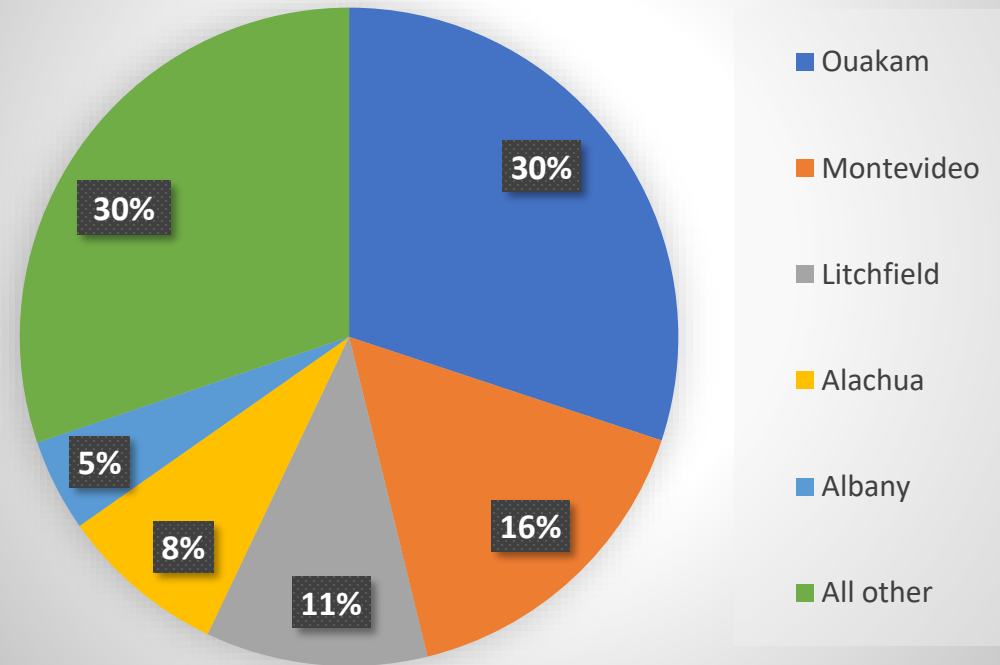
Rank	Clinical	Non-Clinical
1	Typhimurium	Ouakam
2	Muenchen	Montevideo
3	Infantis	Litchfield
4	Senftenberg	Alachua
5	Agona	Albany

Turkey 2021

Clinical



Non-Clinical





Salmonella Pullorum

- 100 *Salmonella* Pullorum serological tests
- 2,845 mL *Salmonella* Pullorum tube test antigen provided
- 1,975 mL *Salmonella* Pullorum stained microtiter antigen provided
- 344 mL of control antisera provided



Pasteurella multocida

- 304 isolates for Gel-Diffusion Precipitin test
- 181 isolates for DNA fingerprinting
- 85 mL of antisera provided
- 49 cultures provided



Avian Mycoplasma

- 88 samples for HI test
- 370 mL HA antigen provided
 - 160 mL MG
 - 65 mL MM
 - 145 mL MS
- 816 mL antisera supplied
 - 284 mL MG
 - 44 mL MM
 - 242 mL MS
 - 246 mL Negative control



Questions?

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