



United States Department of Agriculture



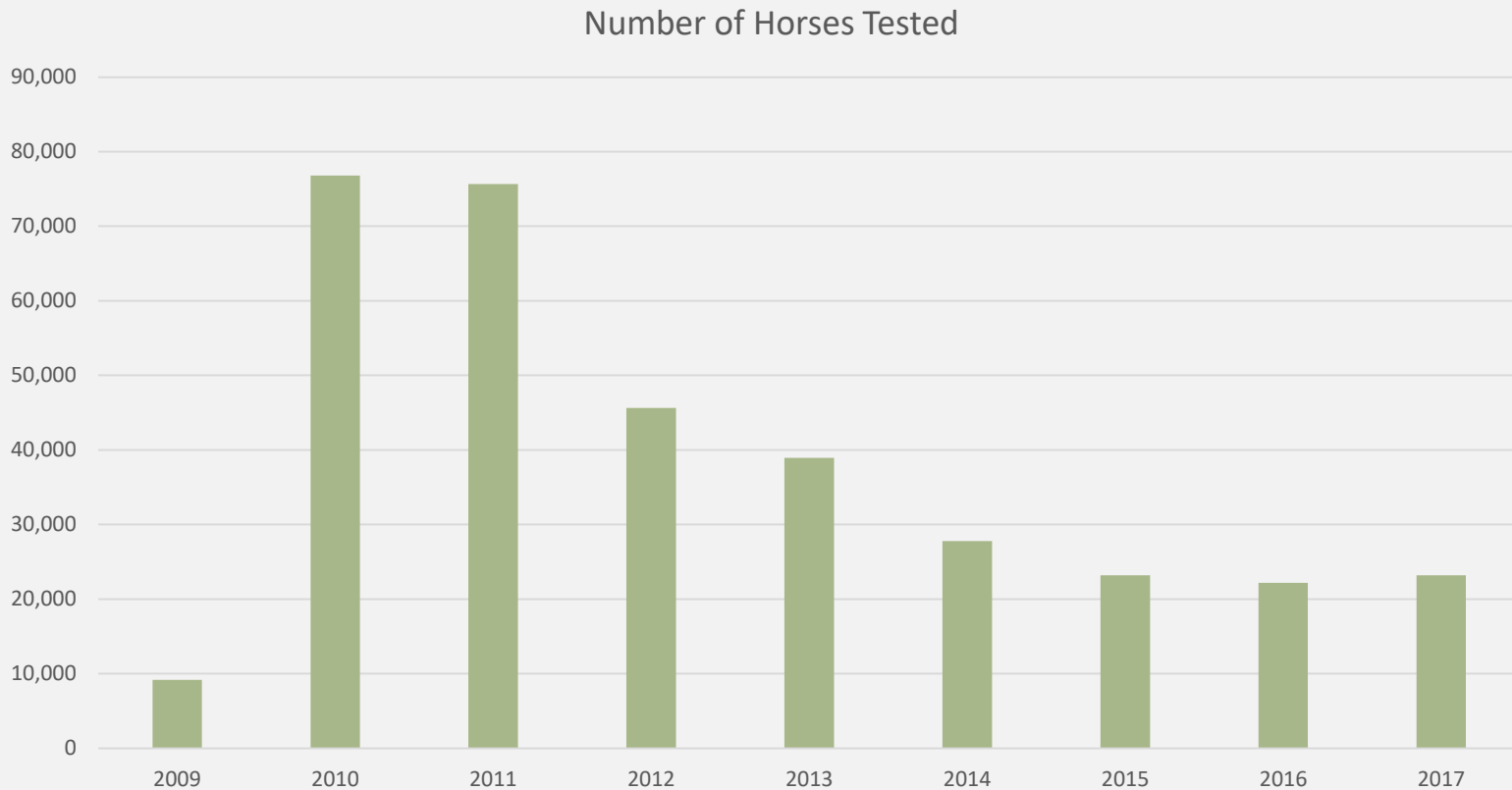
UPDATES ON EQUINE PIROPLASMOSIS AND EQUINE INFECTIOUS ANEMIA

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EP Surveillance Testing by Year

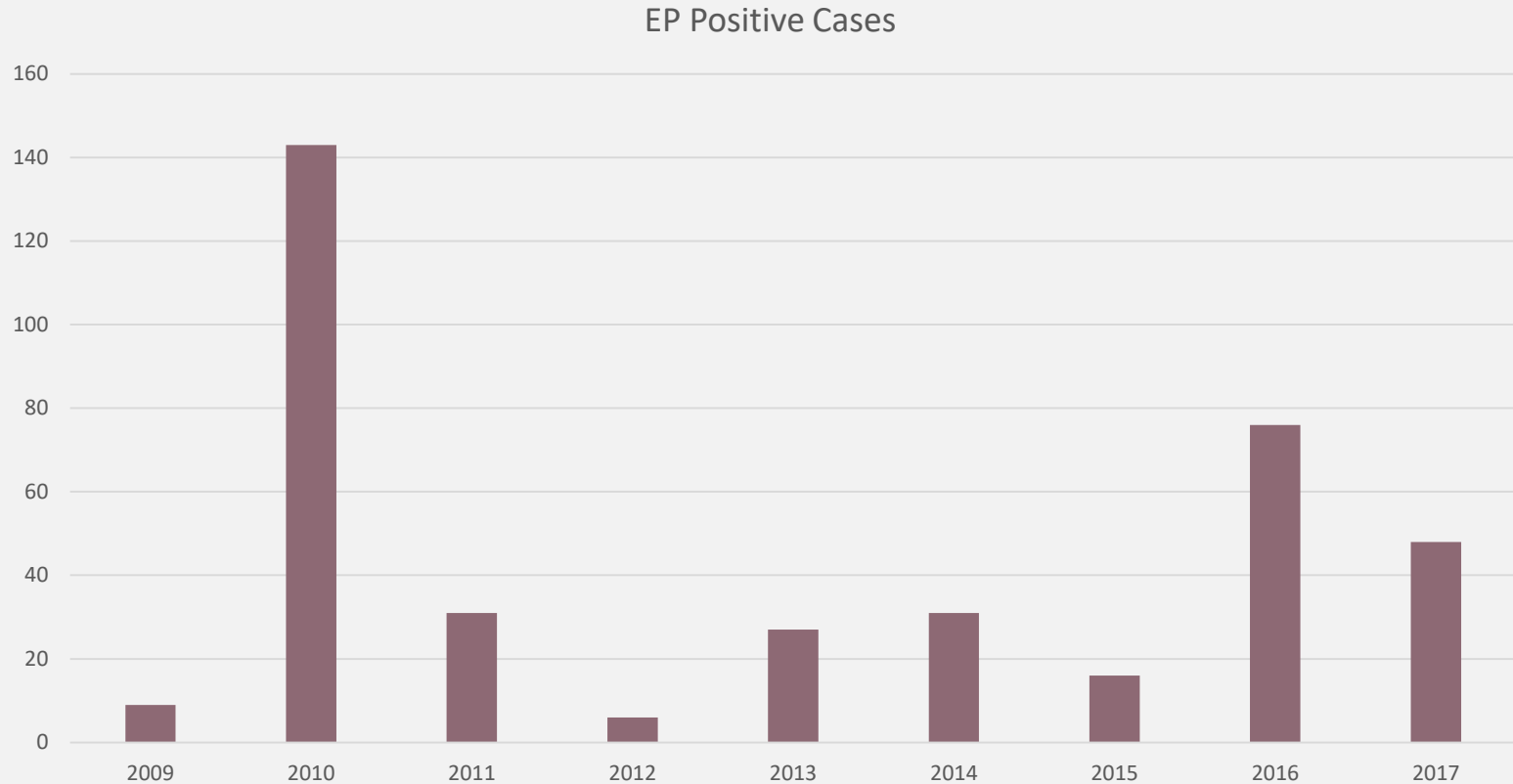
23,202 horses tested in 2017

Over 342,000 horses tested since 2009



EP Positive Case Counts by Year

387 EP-positive horses since 2009
(333 QH racehorses, 14 TB racehorses, 33 previous imports, 7 other)



EP 2017: 48 new cases of *T. equi*

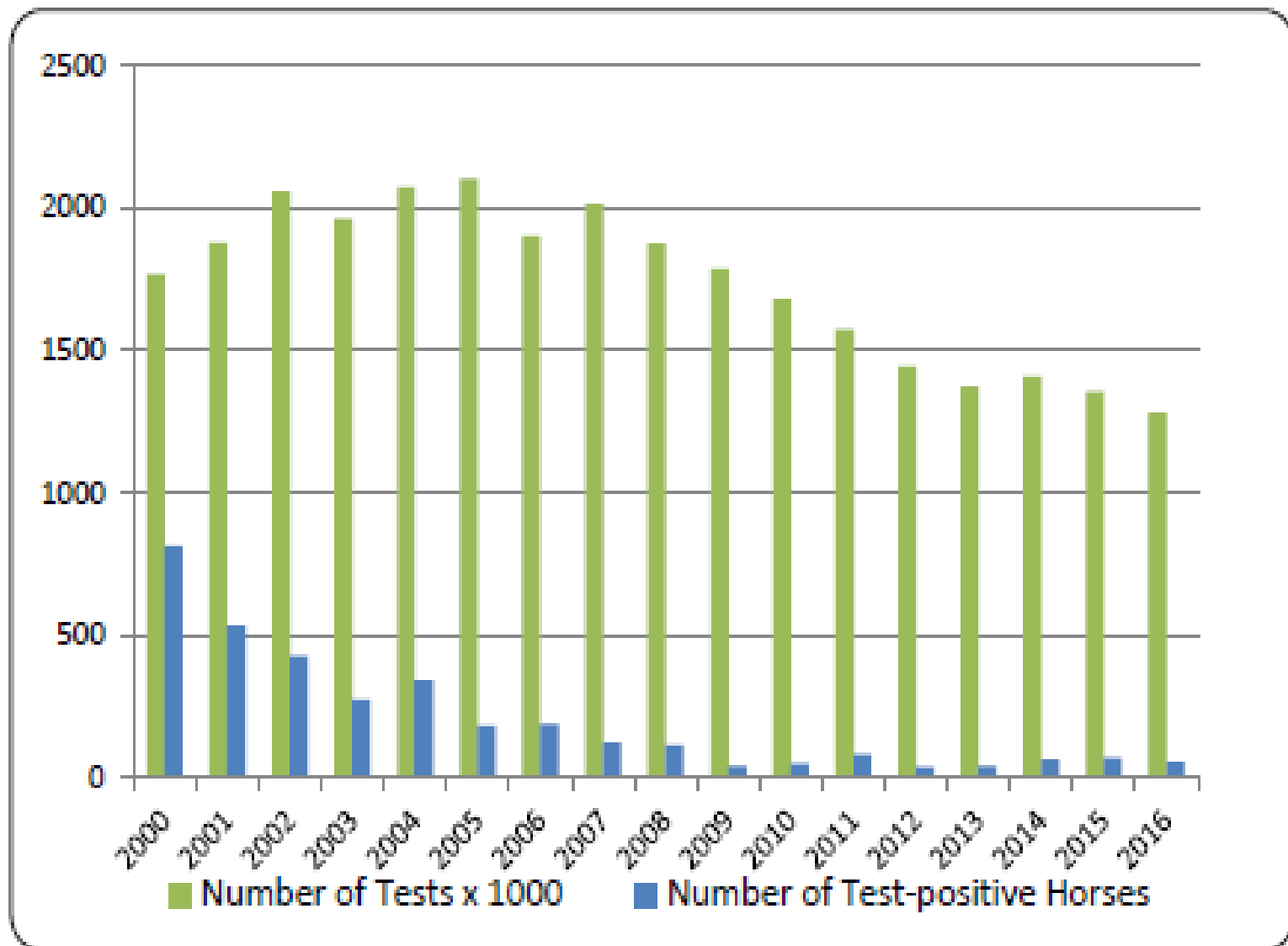
45 QH racehorses, 2 horses illegally moved from Mexico, 1 previous import

State	# T. equi-positive	Risk Group
Arizona	1	QH racehorse
Georgia	3	QH racehorses
Florida	1	Previous Import
Illinois	7	QH racehorses
Indiana	7	QH racehorses
Kansas	5	QH racehorses
Louisiana	6	QH racehorses
Michigan	1	QH racehorses
New Mexico	1	QH racehorses
Tennessee	1	QH racehorses
Texas	10	QH racehorses
Utah	1	QH race/illegal movement
Virginia	3	QH racehorses
Washington	1	Illegal movement

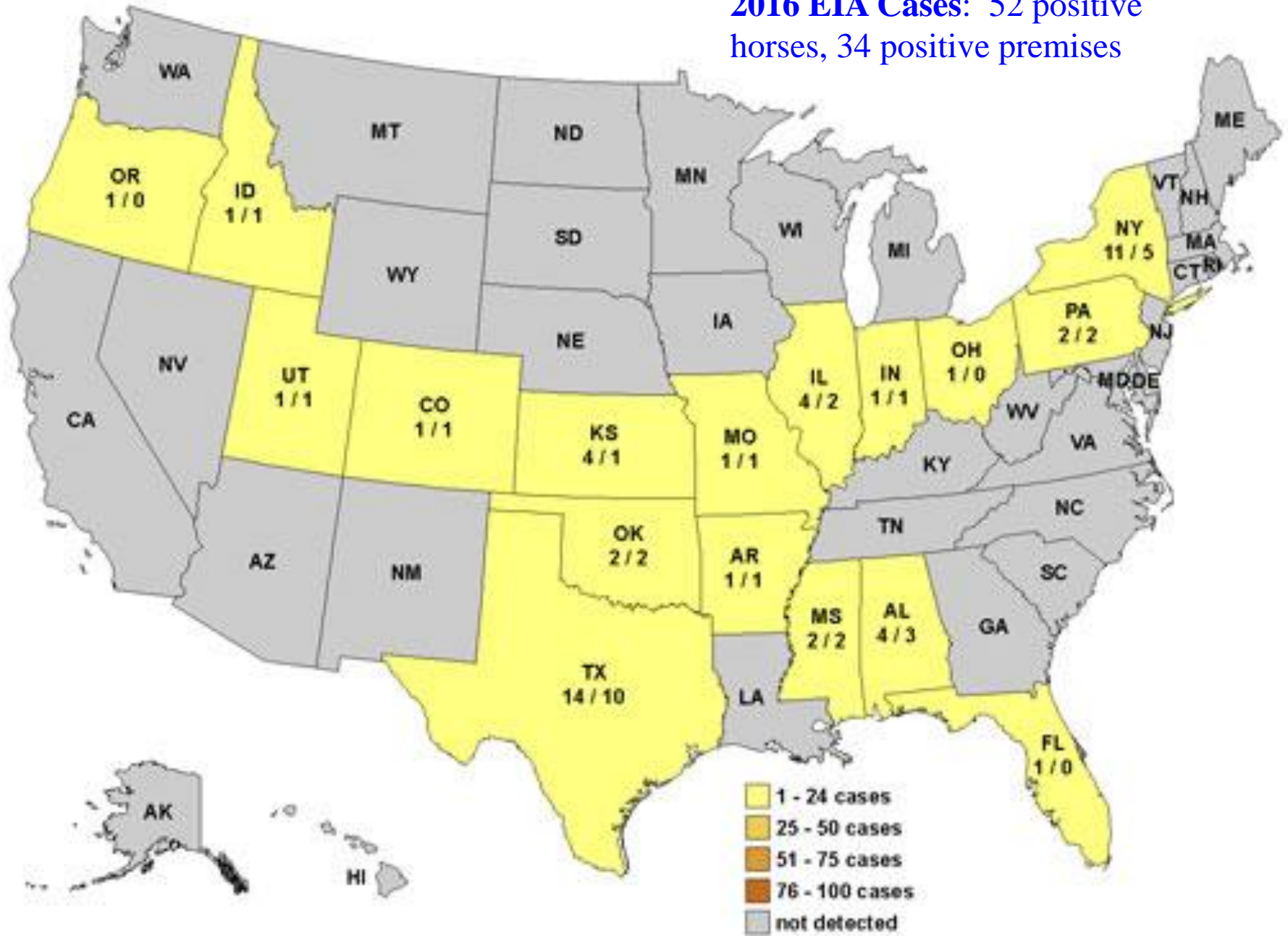
EP Ongoing Challenges

- Limited surveillance in high risk population
- Iatrogenic transmission
- Education and outreach
- Frequent change of ownership and movement
- Sanctioned \longleftrightarrow Unsanctioned
- Movement into different disciplines

Figure 2. Reported numbers of EIA tests and positive cases in the United States, 2000-2016



2016 EIA Cases: 52 positive horses, 34 positive premises



Full 2016 EIA Report available on [USDA-APHIS website](http://www.usda.gov/aphis)

EIA Cases: 2017

39 EIA cases confirmed in 8 states (32 QH race)

State	# EIA Infected	Risk Group
Colorado	6	QH racehorses
Florida	1	Quarantine facility transmission
Illinois	8	QH racehorses
Kansas	10	QH racehorses
North Carolina	1	Mule
Oklahoma	2	1 QH racehorse, 1 mid-age unknown
Tennessee	1	QH racehorse
Texas	10	4 older unknown, 6 QH racehorses

More cases likely confirmed at the state-level

EP and EIA Testing of Horses at the Southern Border Ports

EP	2014	2015	2016	Total
# Horses Tested	2273	2827	3595	8695
# Horses Positive	52	79	117	248
% Horses Positive	2.29%	2.79%	3.25%	2.85%

EIA	2014	2015	2016	Total
# Horses Tested	2273	2827	3595	8695
# Horses Positive	12	26	8	46
% Horses Positive	0.53%	0.92%	0.22%	0.53%



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