



United States Department of Agriculture



TIME FOR REASSESSMENT:
TRANSITIONAL SWINE, ERADICATION
PROGRAMS AND REGULATORY APPROACH

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OCTOBER 17, 2016



Who Do We Serve?



We're Regulators....

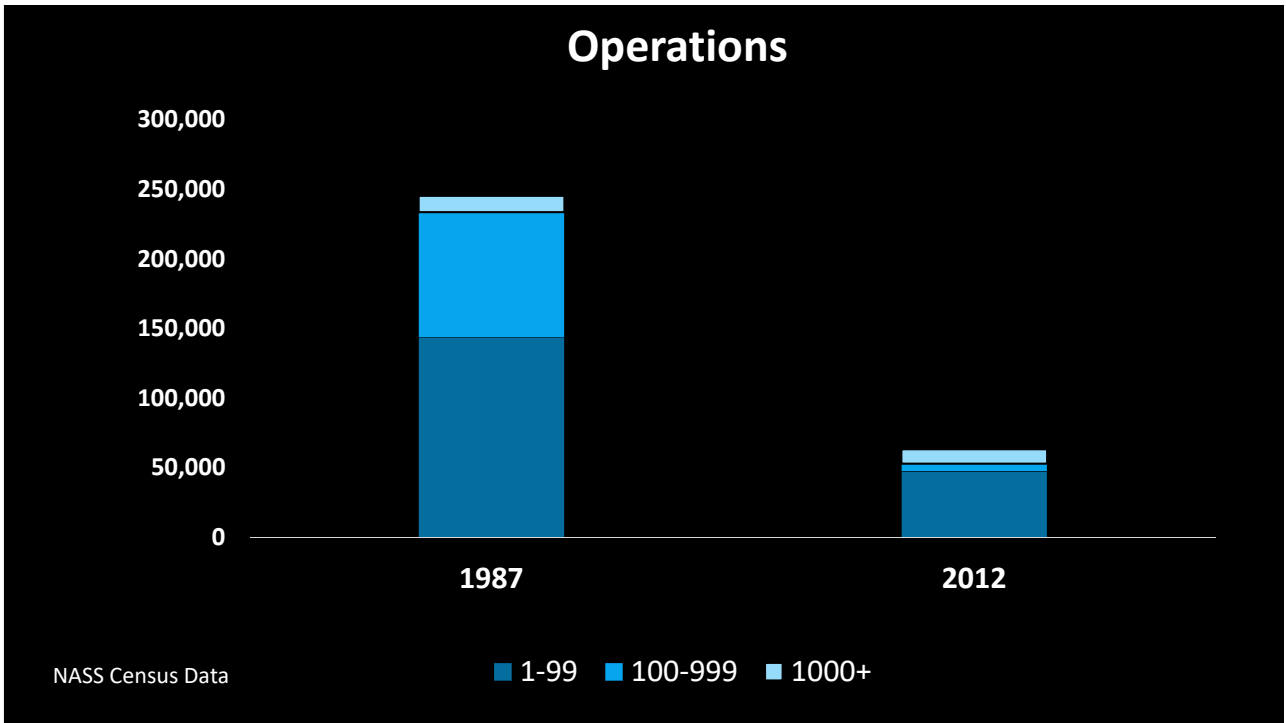


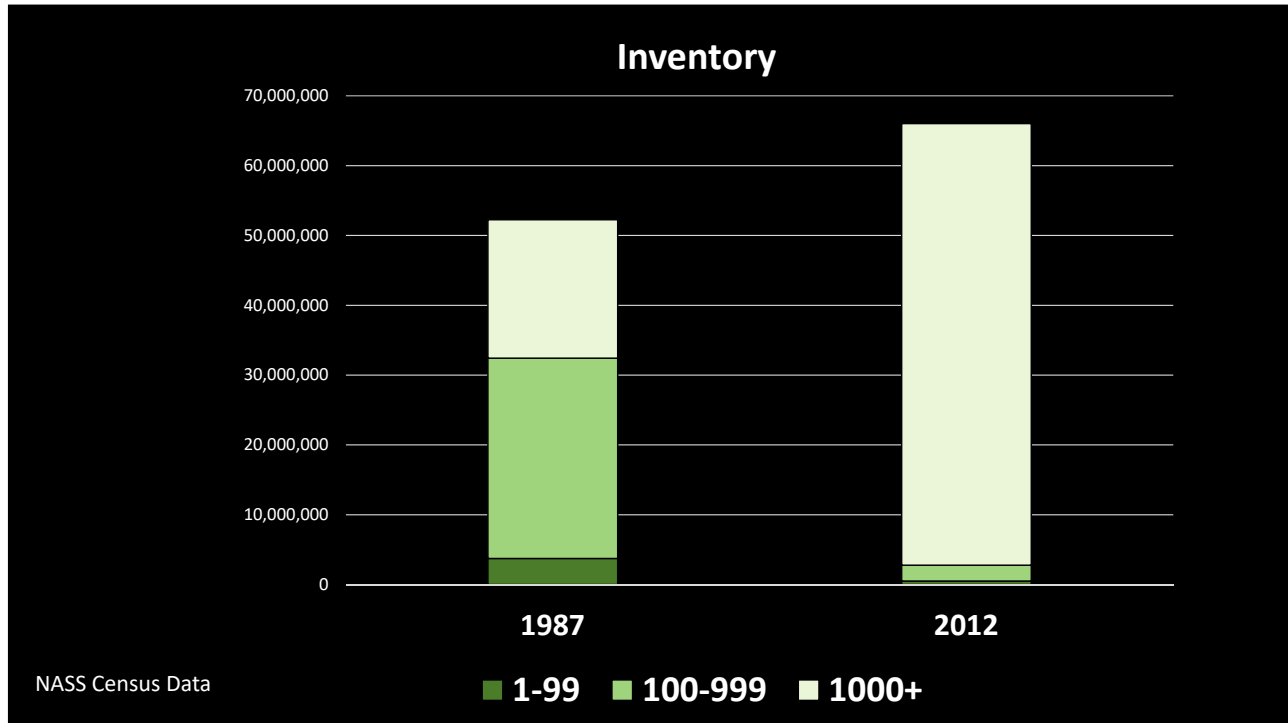
Therefore....













We serve them both....

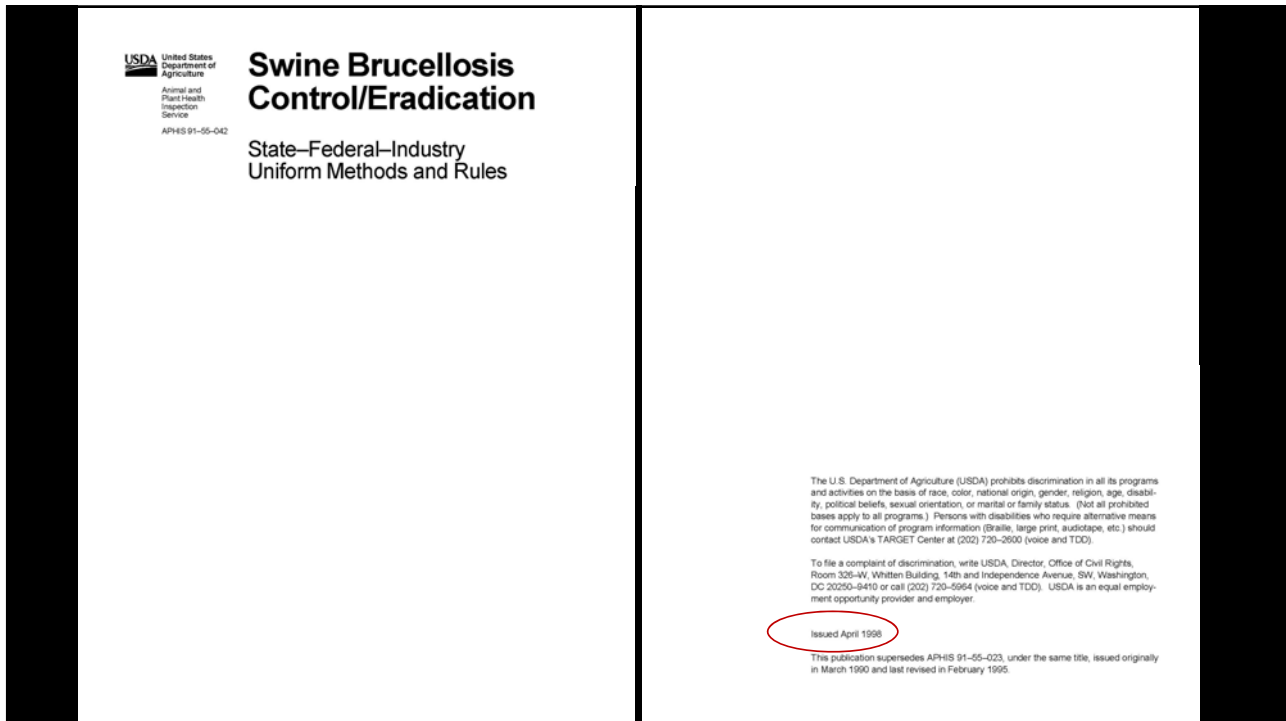
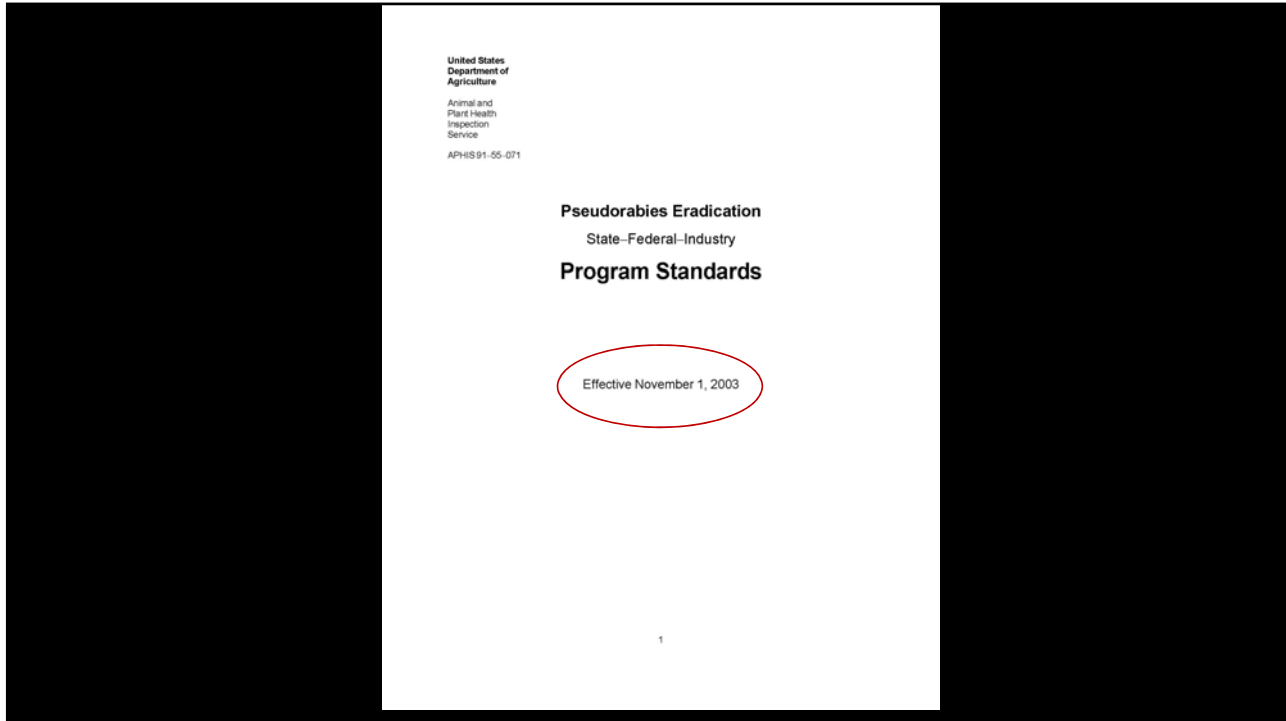


**CODE OF FEDERAL
REGULATIONS**

9

Parts 1 to 199
Revised as of January 1, 2016

Animals and
Animal Products







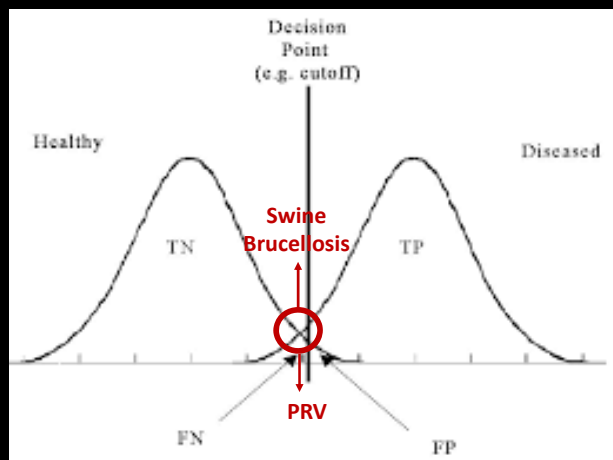




Testing Assay Issues



Sensitivity-Specificity



Antigenic Dx Issues



- Limited to culture / FA
- Not well correlated with titers
- Select Agent issues
- PCR's not validated
- WGS a reality-useful in epidemiology

Dx - Some Day...a Tricorder!



The Future is Now

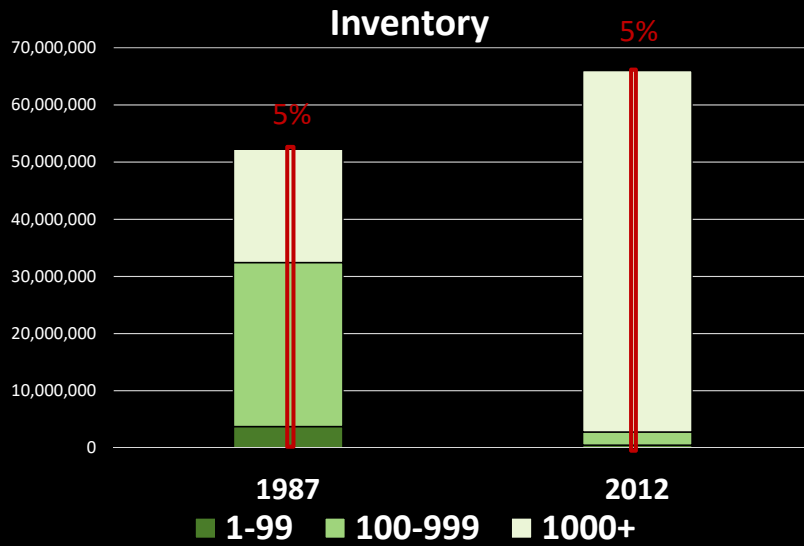


Oxford Nanopore- nanoporetech.com/

Surveillance Issues



Commercial Sow-Boar?



Where to Sample?







VS Policy Under Review



We have rock star VMO's!

feral pig sightings-red
hunting preserves-black
pastured pork operations-yellow

Courtesy of Dr. Paul Pitcher



Final thoughts:



Final thoughts:

- Celebrate success



Final thoughts:

- Celebrate success
- Remember old lessons



Final thoughts:

- Celebrate success
- Remember old lessons
- Local knows best/ works efficiently



Final thoughts:

- Celebrate success
- Remember old lessons
- Local knows best/ works efficiently
- Tremendous young talent





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VS Swine Team

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