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Animal Disease Traceability (ADT)



Neil Hammerschmidt
Dr. Sunny Geiser-Novotny
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services



Regional Outreach Meetings

"Next Steps" to Advance Traceability


Spring 2017



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ADT Overview

- Focus on cattle and bison
- Review 9 CFR, Part 86 - "Traceability for Livestock Moving Interstate"
- Assessment of ADT Framework




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ADT Key Principles

- Maintain and expand traceability infrastructure as disease programs are updated
- Administered by States & Tribal Nations
- Effective solutions that minimize cost
- Basic "bookend" system




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Traceability for Livestock Moving Interstate

Final rule published
January 9, 2013

Effective date
March 11, 2013



FEDERAL REGISTER

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Part IV
Department of Agriculture
Animal and Plant Health Inspection Service
2298 (Rev. 11-10-12) et al.
Traceability for Livestock Moving Interstate: Final Rule

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Traceability for Livestock Moving Interstate

- Interstate movement requirements do not apply if:
 - The movement occurs entirely within Tribal land that straddles a State line & the Tribe has a separate traceability system; or
 - The movement is to a custom slaughter facility in accordance with Federal and State regulations for preparation of meat.


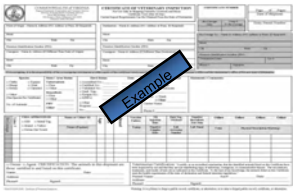
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General Requirements

Livestock moved interstate, unless exempt, must:

Be officially identified Have ICVI or other documentation


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General Requirements

Official Identification


- Defined by species
- States/Tribes must accept all methods of official ID
- Receiving State can't require specific method of ID



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Requirements for Cattle and Bison




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Official ID Methods for Cattle and Bison


- Official eartags
- When ship-from and ship-to States agree:
 - Registered brands with an official brand inspection certificate
 - Tattoos & other ID methods acceptable to a breed association
- Group/lot identification




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Official Eartags

- Tamper evident
- Imprinted with:
 - Official eartag shield 
 - Official ID number
 - National Uniform Eartagging System (NUES)
 - 31ABC4275
 - Animal Identification Number (AIN)
 - 840 000 089 012 345
 - Transition to 840 format only



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When is Official ID Needed?

For the following to move interstate:

- All sexually intact cattle & bison 18 months of age or over
- All female dairy cattle of any age & all dairy males born after March 11, 2013
- Cattle & bison of any age used for rodeo, recreational events, shows, & exhibitions

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Official ID Exemptions

- Directly from a location in one State through another State to a second location in the original State.
- Directly to an approved tagging site & are officially identified in accordance with established protocols.
- Between shipping & receiving States or Tribes with another form of identification as agreed upon by animal health officials in the shipping & receiving States or Tribes.
- Directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility & then to a recognized slaughter establishment.


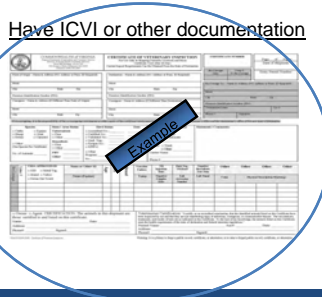
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General Requirements

Livestock moved interstate, unless exempt, must:

Be officially identified Have ICVI or other documentation

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Movement Documentation

Interstate movements require ICVI unless moved:

- Directly to slaughter or to slaughter through one approved market with an OSS
- Directly to an approved livestock facility with an OSS
- To a vet clinic for medical examination or treatment
- As a commuter herd with commuter herd agreement
- With documentation other than an ICVI as agreed on by State officials (OSS, brand certificate, etc.)

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Movement Documentation

Information required on ICVI:

- Certificate number
- Species
- Number of animals
- Purpose of movement
- Ship-from and destination address
- Names of consignor/consignee
- Addresses if different than ship-from & destination
- Official ID of each animal (unless exempt)
- If States have agreed on alternate ID, a record of that ID
- If animals are exempt from official ID the ICVI must list the exemption that applies

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Recording Official Identification on Movement Documents

Official ID numbers do not need to be recorded on movement documents for:

- Cattle & bison moving to slaughter
- Steers or spayed heifers
- Sexually intact bison & beef cattle under 18 months


Note: These exemptions do not apply to cattle used for rodeo, exhibition, etc.

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Collection of Identification at Slaughter

- Collection of ALL ID at slaughter
- ID must be cross-referenced to carcass through final inspection
- ID submitted with specimens collected for disease testing



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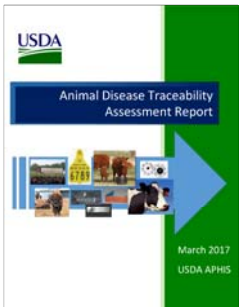
More details in your information packet



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ADT Assessment Report




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Performance-Based Program

- Measures established by 2010 State/Federal Working Group that provided input to the traceability regulation
- Primary focus on administration of official ID & ICVIs
- Document progress & identify gaps
- Implement actions that can provide improvement



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Traceability Performance Measures (TPMs)


- Two key factors for each TPM -
 - The elapsed time it takes to answer four specific questions defined by the TPM:
 - In what State was an imported animal officially identified?
 - Where in your State was the animal officially identified?
 - From what State was an animal shipped?
 - From what location in your state was an exported animal shipped?
 - The % of successfully completed TPMs

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Key to Successful Traceability

Timely retrieval of complete & accurate information




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Traceability Performance Measures

- National baselines established in FY 2013 cooperative agreement period
- 1st Comparison
 - 2014 cooperative agreement trace exercises
 - Report compiled September 2015
 - Significant improvement in both hours & % successfully completed
- 2nd Comparison
 - 2015 cooperative agreement



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Traceability Performance Measures

#	National Baselines		1 st Comparison		2 nd Comparison	
	% Successful	Time	% Successful	Time	% Successful	Time
	1	NA	NA	87%	39 hr.	97%
2	69%	88 hr.	88%	35 hr.	87%	29 hr.
3	58%	138 hr.	84%	42 hr.	86%	32 hr.
4	76%	264 hr.	88%	46 hr.	91%	41 hr.

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TB Traces from Slaughter


	Total cases by identification type	Successful Trace	Traced Indirectly	Unable to trace
Unofficial Identification	12	9	1	2
No Identification	14	5	5	4
Official Identification	12	12	0	0
Total	38	26	6	6

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How Are We Doing?

- The ADT program has been very successful in the context of the framework for covered livestock:
 - Official ID
 - Movement documentation
 - Interstate movement
- Significant gaps exist in current framework




Report Card
Good job!
Comments:
Still Needs Improvement

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ADT Challenges

- Official ID requirement limited to interstate movements
 - Potential for multiple points of congregation & local spread of disease prior to moving interstate.
 - Records may not exist.
 - How do you trace a black cow with no identification?




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ADT Challenges

- Official ID requirement limited to interstate movements
 - Exemptions are confusing!
 - Impossible to monitor & enforce compliance





Moved intrastate
Official ID or backtag
Moved interstate
Direct to slaughter
ICVI

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ADT Challenges

- Reliance on low-cost technology (visual only tags)
 - Inability to read official ID at the speed of commerce
 - Transcription of official ID on movement documentation
 - May mean the animal is handled multiple times
 - Issues with legibility & transcription errors





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ADT Challenges

- Exclusion of beef feeder cattle in the official identification requirement
 - Feeder cattle are not isolated from disease (exposure through management, marketing, & long-distance movement)
 - Trade implications
 - Lack of full traceability domestically




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ADT Challenges

- Requirements for collection of all ID devices & correlation to the carcass through final disposition
- Inconsistently applied due to:
 - Inability to collect all ID at the speed of commerce
 - Procedural issues at plants
 - Turnover of plant personnel & lack of education


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Outreach and Feedback

1. APHIS conference calls with State & Federal Animal Health Officials
2. State & Federal Animal Health Officials getting feedback at local levels
3. Regional stakeholder meetings
4. State/Federal Working Group
5. National ADT Forum


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Goals for Today

Discuss ADT Framework including:

- o What's working well
- o Gaps in traceability
- o Revisions to current framework



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Thank You!

Neil Hammerschmidt
Dr. Sunny Geiser-Novotny
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