

Improving Animal Disease Traceability in Adult Slaughter Cattle

A Means to Measure Progress



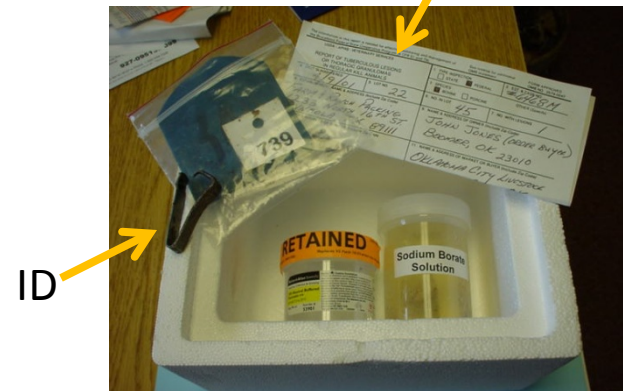
Bob Meyer, Assistant State Veterinarian
Wyoming Livestock Board
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Surveillance for Bovine TB

- FSIS Inspectors submit suspicious TB granulomas to NVSL on *VS Form 6-35* listing any ID devices that were collected with sample
Official vs Non-Official ID
- Each TB granuloma submission is recorded by plant ID into NVSL database including ID listed (if collected) on the VS Form 6-35
- Over 10,000 TB submissions annually
- TB Submission Rates are currently calculated by APHIS VS Staff for each of the “Top 40” adult kill plants & regularly reported to FSIS



Granulomas & ID submitted to NVSL using VS Form 6-35



VS Form 6-35 Data (including ID) entered into NVSL data base

Top 40 United States Cow/Bull Slaughter Plants (FY2012)

<u>Plant</u>	<u>State</u>	<u>Total Killed</u>	<u>Expected # Subs</u>	<u>Total Subs Made</u>	<u>Percent of Expected</u>
5511	NE	464,049	232	728	314%
675	TX	444,897	222	494	223%
253	MN	425,513	212	681	321%
354	CA	413,037	206	353	171%
17690	WI	296,882	148	484	327%
9400	PA	296,762	148	323	218%
532	NE	278,622	139	146	105%
2255	TX	273,315	136	193	142%
267	AZ	267,606	133	645	485%
410	WI	243,997	121	334	276%
562	WI	231,849	115	238	207%
1311	PA	224,793	112	330	295%
332	GA	219,801	109	324	297%
357	MN	217,551	108	286	265%
6063A	CA	205,900	102	104	102%
21488	CA	21,845	14	635	4536%

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A HUGE
SUCCESS!!

The Top 40 Adult
Kill Plants Are ALL
Exceeding What is
Expected



Keys to Success Were Fairly Simple...

- Distributing regular reports that compared how each plant was doing in relation to their peers
- Recognizing good performance



Can a similar approach be used to improve ADT at slaughter plants in the short term?

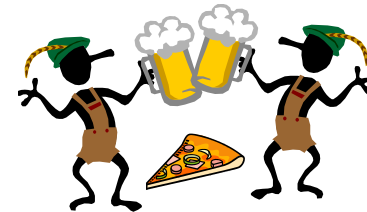
The proposal...

Request that APHIS VS Staff modify the current TB Submission report format by:

- Reviewing the NVSL database and counting types of ID devices collected with TB submissions for each “Top 40” plant
- Adding new columns to reflect the numbers and rates of official ID’s collected & submitted
- Providing periodic reports to FSIS, State Vets, and Federal ADT program managers for discussion & cooperative actions if the ID collection rates are deemed insufficient to enhance ADT

*Example of Modified Report
Showing Additional Columns*

<u>Plant #</u>	<u>Rate of Official ID’s Collected/Submission</u>	<u>Rate of Official ID’s Submitted with Sample</u>
5511	75% (546/728)	60% (437/728)
1341	25% (250/1000)	0% (0/1000)
9999	90% (450/500)	100% (500/500)



Don't Forget: Recognize Good Performers!

Top 40 United States Cow/Bull Slaughter Plants (FY2012)

<u>Plant</u>	<u>State</u>	<u>Total Killed</u>	<u>Expected # TB submissions</u>	<u>Total Submissions Made</u>	<u>Percent of Expected</u>	<u>Rate of Official ID's * Collected/Submissions</u>	<u>Rate of Official ID's ** Submitted/Submissions Made</u>
5511	NE	464,049	232	728	314%	75% (546/728)	60% (437/728)
• 675	TX	444,897	222	494	223%		
• 253	MN	425,513	212	681	321%		
• 354	CA	413,037	206	353	171%		
• 17690	WI	296,882	148	484	327%		
• 9400	PA	296,762	148	323	218%		
• 532	NE	278,622	139	146	105%		
• 2255	TX	273,315	136	193	142%		
• 267	AZ	267,606	133	645	485%		
• 410	WI	243,997	121	334	276%		
• 562	WI	231,849	115	238	207%		
• 1311	PA	224,793	112	330	295%		
• 332	GA	219,801	109	324	297%		
• 357	MN	217,551	108	286	265%		
• 6063A	CA	205,900	102	104	102%		
• 562M	MI	194,312	97	352	363%		
• 2239	TX	188,677	94	151	161%		
• 7162	TX	185,857	92	120	130%		
• 1085	SC	154,650	77	139	181%		
• 96	FL	154,639	77	128	166%		
• 2460	SD	140,883	70	131	187%		
• 6547	NC	130,739	65	110	169%		
• 34741	CA	121,260	60	103	172%		
• 7209A	TX	109,291	54	103	191%		
• 1361	WI	101,355	50	188	376%		
• 6423	WA	92,202	46	68	148%		
• 4975	UT	67,362	33	57	173%		
• 86H	TX	60,253	30	31	103%		
• 6056	WA	59,903	29	37	128%		
• 6590	NC	54,978	27	37	137%		
• 19478	TX	54,218	27	37	137%		
• 4465	PA	53,429	26	57	219%		
• 19549A	KS	52,718	26	63	242%		
• 497	OR	42,834	21	37	176%		
• 13054	TX	38,833	19	28	147%		
• 1750	OH	36,461	18	21	117%		
• 21528	FL	35,231	17	30	176%		
• 8327	TN	34,968	17	59	347%		
• 21488	CA	28,845	14	635	4536%		
• 1633	WI	25,775	12	48	400%		

Data in *red* above is only an example

* Collection of either an official eartag, official backtag, or official RFID tag qualifies as official ID collected for that submission

** Official ID submitted includes only those ID's that are actually submitted with the TB sample

Data in *black* is actual report data for FY 2012

Names of plants have been removed for confidentiality purposes

Proposed Resolution for TB Committee Consideration

“ Be it resolved, that the TB Committee of USAHA requests that USDA APHIS Veterinary Services make modifications to the existing TB Granuloma Submission Report by adding data columns which capture rates of official ID’s collected and submitted with TB granuloma submissions, and provide such report quarterly to FSIS, NASAHO, and APHIS ADT managers.