

Modeling of Transmission Dynamics of Bovine TB in the US
3rd Working Group Meeting, December 13-14, 2011

Day 1, Dec. 13

8:00 – 8:30 am Breakfast

8:30 – 9:00 am Welcome, Discussion of working group objectives and this meeting's agenda
-Agricola Odoi & Colleen Webb

Data Presentations and Discussions

9:00 – 9:45 am Description and discussion of Michigan within-state individual animal tracking data: What data do we have? What does a within-state network look like? How does it change through time? -Dan Grear

9:45 – 10:00 am California Brand Data -Jason Lombard

10:00 – 10:15 am break

10:15 – 10:45 am Discussion on within-state data. How to use it? What to model? Limitations? Interesting questions?

10:45 – 11:30 am Characterization of the national CVI movement network
-Michael Buhnerkempe

11:30 – 12:15 pm Temporal dynamics of the national CVI network -Dan Grear

12:15 – 1:30 pm lunch

Methods for filling-in, scaling-up, and estimating uncertainty in cattle movement data

1:30 – 2:00 pm CVI data quality -Katie Portacci, Ryan Miller

2:30 – 3:00 pm Bayesian kernel and other methods to fill in CVI sampling deficiencies
-Uno Wennergren

3:00 – 3:15 pm break

3:15 – 4:00 pm Data gaps in characterizing networks -Shweta Bansal

4:00 – 4:30 pm Network clustering of the nationwide cattle movements
-Michael & Shweta

4:30 – 5:00 pm Wrap-up & discuss plan for tomorrow

Day 2, Dec. 14

8:30 – 9:00 am breakfast

Continue with CVI data presentations

9:00 – 9:45 am	Simulations of a highly contagious disease (FMD) on the CVI data -Michael Buhnerkempe
9:45 – 10:15 am	Simulating UK FMD epidemics with uncertainty in dates of movement -Matthew Vernon
10:15 – 10:30 am	break
10:30 – 11:00 am	Discussion: where to go with disease simulations. Control, surveillance, interventions
11:00 – 11:45 am	Discussion: brainstorm on details, caveats, and directions for a Bovine TB model
11:45 – 12:15 pm	Discuss plans for publications, activities, and other academic outputs
12:15 – 1:30 pm	lunch
1:30 – 2:00pm	Discuss translatable outcomes of CVI data for USDA/States
2:00 – 3:00 pm	Discussion: future projects, what are folks interested in doing, collaborations
3:00 – 3:30 pm	Wrap-up, continue with discussions as travel schedules permit