

Appendix 2 contains three sub-appendices. Appendix 2A summarizes the overall results from each simulation, including epidemic statistics (number of animals infected, *etc.*), frequency of different modes of infection, frequency for different modes of death (natural death *vs.* slaughter), the flow of infectivity through the rendering and feed production system, and potential human exposure by tissue type. Appendix 2B details potential human exposure by cattle age range and ambulatory status. Finally, Appendix 2C contains a series of 12 graphs for each simulation scenario.

Within each of these sub-appendices, the scenario results are presented in the following order:

- Base Case – Import of 10 Infected Animals (Appendix 2A only)
- Base Case – Import of 500 Infected Animals
- USDA Alternative Scenario A – Ban on Non-Ambulatory Animals to human food.
- USDA Alternative Scenario B – 30 Month Comprehensive SRM (Food Only)
- USDA Alternative Scenario C – 30 Month Ban on AMR
- USDA Alternative Scenarios A and B
- USDA Alternative Scenarios A and C
- USDA Alternative Scenarios B and C
- FDA Scenario 1 - No Blood Recycling
- FDA Scenario 2 – No Contamination (Rendering and Feed Production)
- International Review Committee Scenario 1 – 12 Month Comprehensive SRM (Feed and Food)
- International Review Committee Scenario 2 – Prohibition of All Meat and Bone Meal in Ruminant Feed
- Sensitivity 1 – Pessimistic - Mislabeling and Contamination
- Sensitivity 2 – Pessimistic - Misfeeding
- Sensitivity 3 – Pessimistic - Render Reduction Factor
- Sensitivity 4 – Increased Consumption of Bone in Beef Cuts
- Sensitivity 5 – Less Effective AM Inspection

- Sensitivity 6 – Longer Incubation Period
- Sensitivity 7 – Low Value for Probability of Non-clinical Animals Becoming Non-ambulatory
- Sensitivity 8 – High Value for Probability of Non-clinical Animals Becoming Non-ambulatory