

## **DISCUSSION OF CHRONOLOGY OF THE FSIS RISK ASSESSMENT FOR GUIDING PUBLIC HEALTH RISK-BASED POULTRY SLAUGHTER INSPECTION**

Below is a chronology of work performed for the FSIS Risk Assessment for Guiding Public Health Risk-Based Poultry Slaughter Inspection. A second external peer review is planned once data from the new young chicken baseline study are incorporated into the risk assessment model. These data should be available in the fall of 2008. The updated version of the analysis will likely include additional scenarios, based on comments provided by a National Advisory Committee on Meat and Poultry Inspection subcommittee. The updated version will also focus on specific inspection procedure codes, rather than groups of procedure codes.

- **May 2005:** The initial request to develop a risk assessment to inform a planned proposed rule for guiding public health risk-based poultry slaughter inspection was made.
- **May - December 2005:** Conceptualization and initial development of the quantitative model, analyses, and risk assessment document was begun by the FSIS Office of Public Health Science, Risk Assessment Division. This involved considerable feedback from FSIS' Office of Policy and Program Development and incorporated input from across FSIS.
- **January 2006:** Internal peer review was done for the risk assessment.
- **February 2006:** The model and risk assessment document were submitted to a contractor for external peer review by five independent reviewers.
- **March 2006:** External peer reviews were completed and received by FSIS (see [http://www.fsis.usda.gov/PDF/Poultry\\_Slaughter\\_RA\\_Peer\\_Review\\_Jan2008.pdf](http://www.fsis.usda.gov/PDF/Poultry_Slaughter_RA_Peer_Review_Jan2008.pdf)). Based on these comments, a plan of action was developed for updated analysis. A plan was developed to convert the risk assessment model from a univariate to a multivariate model.
- **Summer 2006:** Based on recommendations from internal USDA review, the plan of action for the next version was revised to include more observations (more plants, additional years). Initial efforts focused on *Salmonella* data, with the eventual goal of using fall 2008 young chicken baseline data for *Salmonella*, *Campylobacter*, and *E. coli* in the model when available.
- **April 2006 - March 2007:** Model development was continued based on comments received. New analyses were completed and risk assessment document was revised and enhanced.

- **April 2007 - November 2007:** The risk assessment document was reviewed by various internal FSIS groups.
- **December 2007 - January 2008:** Revisions were made to risk assessment based on latest comments received. Most of these changes were technical in nature and did not influence results substantially.
- **February 2008:** The risk assessment was presented to a National Advisory Committee on Meat and Poultry Inspection subcommittee for discussion and comments. See [http://www.fsis.usda.gov/PDF/Poultry\\_Slaughter\\_Risk\\_Assess\\_Jan2008.pdf](http://www.fsis.usda.gov/PDF/Poultry_Slaughter_Risk_Assess_Jan2008.pdf)
  - Comments were received from the subcommittee and plans begun to refine the model as new data become available. See [http://www.fsis.usda.gov/OPPDE/NACMPI/Feb2008/PHRBI\\_Cmt\\_Response\\_051608.pdf](http://www.fsis.usda.gov/OPPDE/NACMPI/Feb2008/PHRBI_Cmt_Response_051608.pdf)
- **March - April 2008:** Based on comments received at a National Advisory Committee on Meat and Poultry Inspection public meeting, an initial analysis was undertaken regarding the effect of line speed on model results. Results were inconclusive due primarily to poor data quality.