

US EPA ARCHIVE DOCUMENT

## Risk Characterization and Applications

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April 10, 2008



Better information. Better decisions. Risk assessment.

## Three Points

- Know your risk manager
- Develop user interfaces
- Stay in touch



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## Foodborne Salmonellosis

- Public Health<sup>1</sup>
  - ~1.3 million illnesses
  - ~15,600 hospitalizations
  - ~550 deaths
- Economic Cost<sup>2</sup>
  - ~\$440 (no physician visit)
  - ~\$950 (physician visit)
  - ~\$10,700 (hospitalization)
  - ~\$455,000 (death)



<sup>1</sup>Mead PS, Slutsker L, Dietz V, McCaig LF, Bresee JS, Shapiro C, et al. Food-related illness and death in the United States. Emerg Infect Dis 1999 Sep-1999 Oct;5(5):607-25.

<sup>2</sup><http://www.ers.usda.gov/data/foodborneillness/>

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## My Risk Manager

- Attorney
- Writes regulations
- Appreciates “hands-on” learning
- Thoughtful – asks many questions



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## User Interfaces

- Good learning tool
- Facilitates feedback
- Promotes hand-off

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## Stay In Touch

- Trouble-shooting
- Educational
  - Risk manager
  - Risk analyst
- Builds relationships

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