

**APEC Scientific Seminar Workshop on  
Food Safety Risk – Risk Analysis**  
 Richmond Hotel  
 22-24 November 2011

Philippine Country Experience

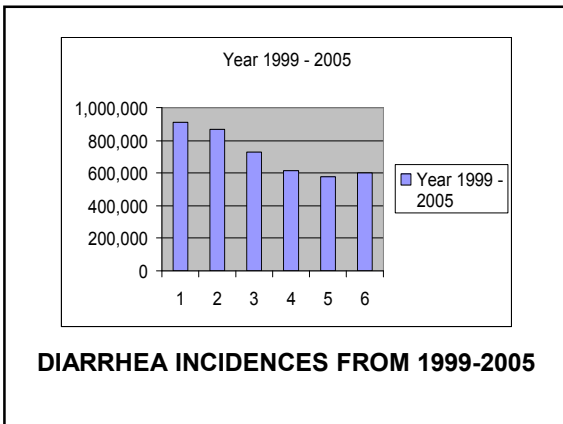
FOOD & DRUG ADMINISTRATION  
 PHILIPPINES

**FDA Food Safety Mandate**

- Establish Standards and quality measures for food
- Adopt measures to ensure pure and safe supply of food in the country
- Prescribe general guidelines with respect to the veracity of nutritional claims and advertisements of food.

**Annual estimates of  
foodborne disease/illness  
(watery diarrhea)**

- 603,287 (2005)
- 577,518 (2004)
- 615,692 (2003)
- 726,310 (2002)
- 866,411 (2001)
- 908,454 (1999)



**TRIGGERS need for action**

Food safety events  
 Emerging risk  
 Outbreak of an illness  
 Standards development

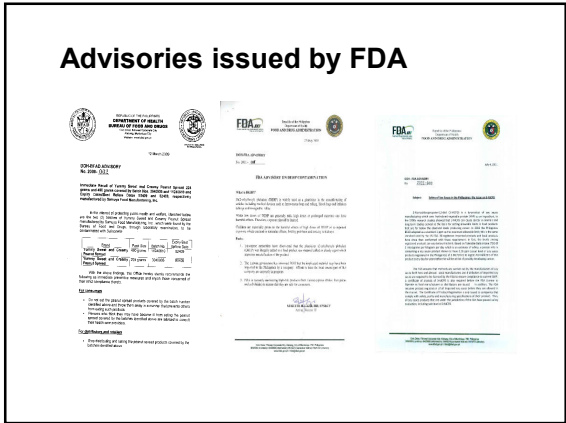
FDA's recognizes the process for estimating the probability of exposure to a hazard and the resulting public health impact (risk); consists of the following components:

1. hazard identification
2. hazard characterization
3. exposure assessment
4. risk characterization

# RISK COMMUNICATION

**Food Safety Issues**

- Aflatoxin in Peanut butter
- Cyclamate in Juices
- Melamine in milk & milk products
- 3MCPD soy sauce
- Salmonella in Noodles
- Salmonella in Peanut Butter



**CHALLENGES**

1. Food consumption data
2. Data gaps between food contamination and epidemiological data
3. Pool of Scientific Experts
4. Emerging concerns
  - emerging pathogens
  - nanotechnology, allergens, antimicrobial resistance
  - dioxin, mercury, melamine, other chemical contaminants

# THANK YOU