

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

Philippine Experience

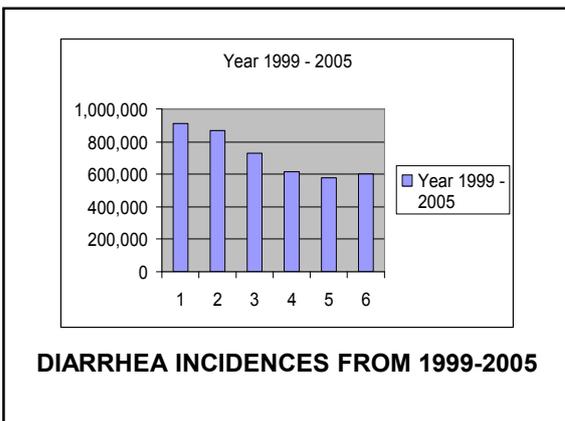
FOOD & DRUG ADMINISTRATION
 PHILIPPINES

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

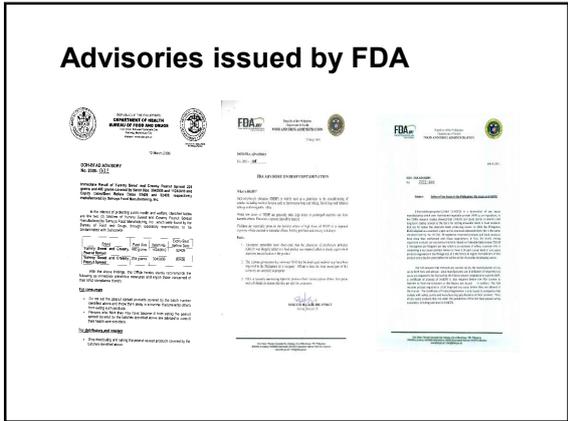
FDA's recognizes the process for estimating the probability of exposure to a hazard and the resulting public health impact (risk); consists of the following components:

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