

[R&D]

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Initiative . 2001 5 28 6
1

FAO
FAO WHO 2001 10

, Codex 가

1. UN

UN Codex

FAO(Food and Agriculture Organization)

가
NGO

2001 6 FAO, WHO, OIE가

가 (BSE)

vCJD 98

가 4,300

가 94 가

FAO WHO 9,000

initiative 2002 2 18 21 가 , 650 3,300 가

'Pan-European Conference on Food Safety and Quality Conference' , 가 30

가 7

가 60 90

가 가 FDA, USDA, EPA, CDC가

FAO National Food Safety Program

FAO , ,

, FoodNet PulseNet

, HACCP

FAO initiative (, ,

Codex ready-to-eat), ,

2001 5

UN \$9,800 가

8 : 1)

, 2) , 3) ,

4) / / , 5)

/ , 6) 가

, 7) , , 8)

2. 가 1, 2, 3 98 2000

97 1 , 가

initiative .98 , ,

844 가 가 99 2 966
 1 7,544 . 19.5%가, 2000 2 3,892 14%
 NIH 가 1 663 가 가 가 .
 , 6,360 , 가
 520 .

1 1998

Summary of Inventory of Federal Food Safety Research Fiscal Year 1998, \$\$ in 1000's								
RESEARCH FOCUS	DHHS		USDA		EPA		Total	
	Projects	Dollars	Projects	Dollars	Projects	Dollars	Projects	Dollars
Detection of food borne hazards	65	21,550	82	12,385		2,200	147	36,135
Control of food borne hazards	36	9,302	167	33,610		0	203	42,912
Pathogenicity of food-borne microbes	247	44,619	28	0		100	275	44,719
Antimicrobial/antibiotic resistance/susceptibility of food borne microbes	11	3,374	8	1,100		0	19	4,474
Epidemiology of food-associated organisms/illness	34	5,097	0	0		2,400	34	7,497
Risk assessment: methods/data	8	3,179	22	4,648		500	30	8,327
Food handling, distribution, & storage	2	4	24	9,606		0	26	9,610
Economic analysis	1	49	15	2,254		0	16	2,303
Other	94	19,458	0	0		0	94	19,458
Total	498	106,632	346	63,603		5,200	844	175,435

*Number of projects for EPA not available.

2 1999

Summary of Inventory of Federal Food Safety Research Fiscal Year 1999, \$\$ in 1000's								
RESEARCH FOCUS	DHHS		USDA		EPA		TOTAL	
	Projects	Dollars	Projects	Dollars	Projects	Dollars	Projects	Dollars
Detection of food borne hazards	54	20,648		16,325		600		
Control of food borne hazards	8	3,200		43,383				
Pathogenicity of food-borne microbes	16	7,180		0		100		
Antibiotic/antimicrobial resistance/susceptibility of food borne microbes	8	3,400		3,462				
Epidemiology of food-associated organisms/illness	5	200		5,000		1,500		
Risk assessment: methods/data	7	2,875		7,021		600		
Food handling, distribution, and storage	0	0		12,077				
Economic analysis	0	0		2,707				
Total		*116,884		89,975		**2,800		209,659

* NIH 7,938

** 가 EPA 1999

300

3 2000

Summary of Inventory of Federal Food Safety Research Fiscal Year 2000, \$ in 1000's (estimated)								
RESEARCH FOCUS	DHHS		USDA		EPA		Total*	
	Projects	Dollars	Projects	Dollars	Projects	Dollars	Projects	Dollars
Detection of food borne hazards	54	23,365		19,846		900		
Control of food borne hazards	8	3,700		51,325		0		
Pathogenicity of food-borne microbes	16	7,400		0		0		
Antimicrobial/antibiotic resistance/susceptibility of food borne microbes	8	3,900		8,115		0		
Epidemiology of food-associated organisms/illness	5	200		7,000		2,000		
Risk assessment: methods/data	7	3,177		10,011		600		
Food handling, distribution, and storage	0	0		12,791		0		
Economic analysis	0	0		3,230		0		
Total		123,099		112,318		**3,500		238,917

* NIH 8,136

** EPA

FDA
 가
 /
 99 FDA가 Food Safety Grant
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 ,
 ,
 (5). ,
 가
 2001 FDA grant
 가
 , BSE 4
 70 . 3
 20 .
 , BSE TSE
 (Analytical Detection of Bovine Spongiform
 Encephalopathy and Other Transmissible
 Spongiform Encephalopathies (BSE/TSE) in
 Products Regulated by CFSAN) ,
 CFSAN (,
 ,) BSE/TSE agent
 .
 , , ,
 3%
 , BSE/TSE
 ,

4 1999 FDA Food Safety Grant

1	Florida	Seed sprout /
2	Georgia	RIE HACCP
3	Kentucky Cabinet for Health Service	
4	Iowa	
5	Missouri Health Center	
6	Arizona	Off-site 가
7	Illinois	- -web site
8	Michigan	가
9	Rhode Island	
10	Washington Health District, Southwest Washington County	
11	Wisconsin	가 web

, /
 (Consumer Refrigeration Storage Length Practices for Unopened and Opened Packages of Ready-to-Eat Foods) ,
 ready-to-eat
 . DHHS/USDA
 가
 가
 ready-to-eat
 .
 (Microbial Contamination of Agricultural Water) ,

