

Phases of a Food Incident Response (CIFOR/RRT/MFRPS/VNRFPS Crosswalk)

Core Components	Preparedness		Surveillance/ Detection		Investigation		Mitigation/Control		Post Response/ Prevention		
Collaboration	Working with other agencies	RRT II.1.1	Pathogen-Specific Surveillance	CIFOR 4.2	Tracebacks	RRT II.4.6	Information-based Decision-Making	CIFOR 6.1	Planning for Recovery and Follow-up	CIFOR 3.7	
	Incident Command System	RRT II.2.4	Complaint Processing	CIFOR 3.4	Traceback Traceforward System	MFRPS 5.3d	Control of Source	CIFOR 6.2	End of the Outbreak	CIFOR 6.5	
	Incident Command System	CIFOR 3.10	Notification/ Complaint Systems	CIFOR 4.3	Joint Inspections and Investigations	RRT II.4.7	Control of Secondary Transmission	CIFOR 6.3	Debriefing	CIFOR 6.6	
	Agency Roles	CIFOR 3.1	Syndromic Surveillance	CIFOR 4.4	Cluster and Outbreak Investigation Procedures	CIFOR 5.2	Multijurisdictional Considerations for Control Measures	CIFOR 6.9	Public Health Investigations as the Basis for Regulatory Actions or Criminal Prosecution	CIFOR 9.4	
	Outbreak Investigation and Control Teams	CIFOR 3.2	Records Management	CIFOR 3.5	Coordination of Multijurisdictional Investigations	CIFOR 7.3	Recalls	VNRFPS 5.5			
	Collaborate as necessary with FDA and other federal authorities in case of intentional contamination	MFRPS 5.3l VNRFPS 5.1.i	Complaint Log or Database	MFRPS 5.5	Complaint Disposition/Follow-up within 24 hours	VNRFPS 1.f	Recalls	MFRPS 3.3.c			
	RRT Training	RRT II.2.5	Complaint Log/Database	VNRFPS 5.1.d							
	Applications of Epi & FBI Investigation Training	MFRPS 2.3b VNRFPS 2	USDA/FSIS Consumer Complaint Monitoring System (CCMS)	CIFOR	Tracebacks	VNRFPS 5.4.a					
	Escalation	CIFOR 3.9			Contributing Factors Identified on On-Site Investigation Report	VNRFPS 2.a					
	Mock investigation exercise	VNRFPS 5.7.c			Contributing Factors	MFRPS 5.3.e					
			Identification of Contributing Factors MFRPS 5.3E								
	Legal Preparedness	CIFOR 3.8									
	Legal Framework for Surveillance and Investigation of Foodborne and Enteric Diseases – CIFOR 9.2										
	Legal Framework for Measures and Methods to Prevent or Mitigate Foodborne Disease Outbreaks – CIFOR 9.3										
Characteristics of Outbreak Investigations – CIFOR 5.1											
Outbreak Detection and Investigation by Level - CIFOR 7.4											
Alternative laboratory contacts for surge capacity and testing not available VNRFPS 3b											

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Communication	Conference Call Etiquette	RRT III.4.5			Communication – Investigation	CIFOR 6.4	Criteria for release of information to public	MFRPS 5.3i VNRFPS 5.6	Outbreak Report	CIFOR 6.7	
					Major Indicators of a Multijurisdictional Outbreak and Notification Steps	CIFOR 7.2			Distribute Final Report	MFRPS 5.3.g	
									Shares Report with State Epi	VNRFPS 5.2.b	
	Communication – Planning and Preparation	CIFOR 3.6	Notification of agencies if intentional contamination suspected or threats							Other Follow-up Activities	CIFOR 6.8
			Notification of law enforcement if intentional contamination is suspected							Response system self-assessment and continuous improvement	MFRPS 9.3
	Emergency contacts of relevant agencies	MFRPS 5.3.c	Notification of other agencies/ referrals if origin of source is outside jurisdiction or interstate. VNRFPS 1.i							Maintain Investigational Findings	MFRPS 5.3.F
	Emergency contact list	VNRFPS 5.1.c							Indicators and Measures	CIFOR 6.10	
	Communication SOPs	RRT II.2.3							Provide guidance to prevent or reduce incidence of illness, injury, intentional contamination	MFRPS 5.3.k	
	CDC Health Alert Network (HAN)								Multijurisdictional Outbreak Investigations After – Action Reports and Reporting to eFORS	CIFOR 7.5	
									Industry and Community Outreach	MFRPS 7.3 VNRFPS 7.0	
Incident Action Plans, Situation Reports and After Action Reports – RRT III 4.6											
Communication – CIFOR 3.6											
Communication – CIFOR 6.4											
Media management – VNRFPS 6a / MFRPS 5.3.i											

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Policies and Procedures	Food Emergency Response Plans- all hazards	RRT II.2.2	Legal Framework for Mandatory Disease Reporting	CIFOR 9.1	Food Preparation Review On Site	VNRFRPS 1.g	Mitigate and contain illness and injury using enforcement and public awareness	MFRPS 5.3j			
	Laboratory Support	MFRPS 5.3b MFRPS 10.3 VNRFRPS 5.3.a	Complaint procedures	VNRFRPS 1.e			Guidelines for coordination of release of information to public	MFRPS 5.3i			
	Legal Authority	MFRPS 1.3					Compliance and enforcement protocols	MFRPS 6.3			
	Alternative Laboratory Support	VNRFRPS 5.3.b MFRPS 5.5					Recalls – equivalent to 21 CFR 7	VNRFRPS 5.5b and 5c			
	Written Procedures	VNRFRPS 5.1.a MFRPS 5.5						Annual complaint and foodborne illness data review and analysis	VNRFRPS 7a		
								Program documentation	VNRFRPS 5		
								Program documentation	MFRPS 5.5		
	Documented response procedures including Epi support description or MOU - MFRPS 5.3										
	Written response procedures VNRFRPS 1.a										
	Written lab support for food, environmental and clinical sample analysis VNRFRPS 3a										
Written procedure or MOU with epidemiology VNRFRPS1.c											
FBI Investigation Procedures similar to CIFOR and IAFP - MFRPS 5.3a											

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Resources	Trends in Diet and the Food Industry	CIFOR 2.1	Etiologic Agents Associated with Foods	CIFOR 2.3			FDA Mitigation Strategies Database		Performance Indicators for Foodborne Disease Programs	CIFOR 8.0	
	The Food Related Emergency Exercise Bundle (FREE-B)		The Epidemic Information Exchange (Epi-X)	CIFOR					National Voluntary Environmental Assessment Information System (NVEAIS)	CIFOR	
	Program Resources	MFRPS 8.3e	PulseNet	CIFOR					National Outbreak Reporting System (NORS)	CIFOR	
	Resources	CIFOR 3.3	Trends in Surveillance	CIFOR 2.2					FDA Alert	RRT	
			Surveillance Overview	CIFOR 4.1					FDA Employees First	RRT	
	FAS-CAT								FDA Vulnerability Assessment Tool	RRT	
	FARM Toolkit								Water Emergency Response Tool for Food Processors - Penn State Ext.	RRT	
	CIFOR Guidelines 2009 / CIFOR Toolkit – assessment, prioritization and improvement										
	Effective Communication Manual (FSMA Section 205 C1 (E))										
	Feed Regulatory Program Standards (release pending)										
	Food Emergency Response Network (FERN)										
	Food Safety Modernization Act (FSMA) Section 205c1(E) Effective Communication Manual										
	High Level Crosswalks Between National Initiatives and the CIFOR Toolkit – Document H – CIFOR Toolkit										
	International Association of Food Protection (IAFP) Procedures to Investigate Foodborne Illness - Sixth Edition 2011										
	Manufactured Food Regulatory Program Standards – Sept 2010										
	Multijurisdictional Outbreaks – Background – CIFOR 7.0										
	National Association of State Departments of Agriculture (NASDA) Food Emergency Response Plan Template, Version 4.0, August 2011										
	Multistate Foodborne Outbreak Investigation: Guidelines for Improving Coordination and Communication (National Food Safety System Project, Outbreak Coordination and Investigation Workgroup, February 2001										
National Response Framework											
RRT Program - Best Practices Manual Vol.1 (2012) / Vol.2 (release pending)											
RRT Program – RRT/MFRPS Cross-walk (2012)											
Voluntary Retail Food Regulatory Program Standards – Jan 2011											
CDC e-Learning on Environmental Assessment of Foodborne Illness Outbreak											

Acronyms Used:

MFRPS: Manufactured Food Regulatory Program Standards

VNRFPS: Voluntary National Retail Food Regulatory Program Standards

IAFP: International Association of Food Protection

RRT: Rapid Response Team

FSMA: Food Safety Modernization Act

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CIFOR: Council to Improve Foodborne Outbreak Response

FERN: Food Emergency Response Network