

EPIDEMIOLOGY (SURVEILLANCE AND INVESTIGATION) STRIKE TEAM

DESCRIPTION	The Epidemiology (Surveillance and Investigation) Strike Team identifies, monitors, and investigates disease outbreaks, injuries, or other conditions of public health importance in a disaster.		
RESOURCE CATEGORY	Medical and Public Health	RESOURCE KIND	Team
OVERALL FUNCTION	This team performs the following functions: <ol style="list-style-type: none"> 1. Manages and provides epidemiological surveillance and investigation 2. Manages, implements, and monitors ordered control measures, including isolation and quarantine 3. Augments in-place epidemiological functions 	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Logistics for deploying this team (e.g., security, lodging, transportation, meals, etc.) are to be discussed prior to deployment of this resource 2. Teams can work up to 12 hours per shift, are self-sustained for 72 hours, and deployable for up to 14 days 3. Staffing represents minimum number needed for surveillance and investigation. More than one Strike Team may be ordered by the Strike Team Leader to maintain span of control 4. Additional Epidemiology Interviewers may be ordered within span of control

RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per team	Total Personnel	5	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			
Personnel	Per team	Management and oversight	1 NIMS-Typed Epidemiologist, Typed as a NIMS Strike Team - Task Force Leader	Not Applicable	Not Applicable	Not Applicable
			NOTES: Support external to the teams will be needed from the requestor, such as security, fuel, and power for recharging of phones, computers, and other devices with rechargeable batteries Epidemiologist should be Council of State and Territorial Epidemiologists (CSTE) minimum Tier 2 Epidemiologist, also credentialed as a NIMS Strike Team - Task Force Leader (refer to NIMS FEMA 509-2 Strike Team-Task Force Leader)			
Personnel	Per team	Support	1 NIMS-Typed Epidemiology Interviewer 1 NIMS-Typed Public Health Data Entry Specialist 1 Information Technology Specialist 1 Trainee	Not Applicable	Not Applicable	Not Applicable
			NOTES: Additional Epidemiology Interviewers may be ordered within the span of control Information Technology Specialist or Trainee may be ordered if needed. A Trainee may be a Tier 1 Epidemiologist or other Epidemiology Interviewer			

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RESOURCE TYPES			TYPE 1	NO TYPE 2	NO TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per team	Epidemiology (surveillance and investigation)	Epidemiological Surveillance and Investigation Forms Epidemiologic database and analysis software Computers Personal protective equipment (PPE)	Not Applicable	Not Applicable	Not Applicable
			NOTES: Diagnostic supplies, such as specimen cups, may be necessary to collect biological specimens PPE is mission specific and may include respirators, eye protection, and disposable gloves Epidemiologic database and analysis software may include Epi Information			
Equipment	Per team	Communications	Interoperable equipment and supplies are needed for use in secure and unsecure environments: 1. Cell phones 2. Portable radios 3. Satellite phone	Not Applicable	Not Applicable	Not Applicable
			NOTES: Not Specified			

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COMMENTS

1. Interviewers may include, but are not limited to, Registered Nurses with public health experience, Environmental Health Generalists, and Physician Assistants
2. Teams may have the ability to expand to up to 12 Interviewers and 4 Epidemiology Data Entry staff, based on a 3:1 ratio. Additional Data Entry staff may be requested as needed
3. Subject Matter Experts (SMEs) appropriate to the incident, such as Physician, Environmental Health Specialist, etc., may be requested to augment the strike team as single resources
4. Strike teams may be identified as general epidemiology, or specific to subject areas such as injury epidemiology, environmental epidemiology, and infectious disease
5. Strike teams may be tasked to manage, coordinate, and monitor isolation and quarantine operations

REFERENCES

1. NIMS 509-12 Epidemiologist

NOTE: This job title/position qualification is under development by the National Integration Center will be released for National Engagement and Public Comment prior to final release

2. NIMS 509-12 Epidemiology Interviewer

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3. NIMS 509-12 Public Health Data Entry Specialist

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4. NIMS 509-2 Strike Team-Task Force Leader

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5. NIMS 509-2 Technical Specialist

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6. Council of State and Territorial Epidemiologists (CSTE) "Competencies for Applied Epidemiologists in Governmental Public Health Agencies," 2008
7. United States Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910, General Industry

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NOTE

Nationally typed resources represent the minimum criteria for the associated component and capability

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