

DAMAGE ASSESSMENT

RESPONSIBILITY:

- **County:** The Johnson County Department of Planning, Development, & Codes will be tasked with the responsibility of coordinating damage assessment county-wide by:
 - Assisting incorporated cities to determine pre-disaster appraised values for real property (land/improvements and structure)
 - Providing the same information to damage assessment teams fielded by county departments assessing damage for unincorporated areas
 - Assisting in providing support teams for county teams through coordination with the State Disaster Assessment Program when dictated by the size of the disaster.
- **Cities:** Cities within Johnson County will be responsible for the following damage assessment activities:
 - Notify the county Emergency Operations Center (EOC) immediately of the need for assistance to perform damage assessment
 - Provide a liaison to the Damage Assessment Coordination Team in the county EOC as needed
 - Provide the following reports to the county EOC:
 - Rapid Assessment Information (within 12 hours)
 - City Initial Report (within 24 hours)
 - Individual Site Assessment (within 72 hours)
- **Recruitment:** The Johnson County Department of Planning, Development, & Codes will be the lead agency for providing damage assessment teams in the unincorporated areas. Other damage assessment team members will be recruited from, but not limited to, representatives from:
 - American Red Cross
 - Amateur Radio Operators
 - City/County Code or Building Inspectors
 - City/County Communications Centers

- City, County and private engineers, or architects
 - City/County Environmental Departments
 - International Code Council (ICC)
 - Johnson County Appraisers
 - Johnson County Automated Information Mapping System (AIMS)
 - Johnson County Public Health
 - Johnson County Wastewater
 - Kansas Disaster Assessment Program
 - Public Works Departments
 - Public Utilities
 - University Extension Agent
- **Training:** Damage Assessment training is coordinated through and provided by the Kansas Division of Emergency Management, the Heart of America Chapter of the International Code Council, and the Kansas Chapter of the American Institute of Architects.

DAMAGE ASSESSMENT TYPES:

- **Rapid Assessment (performed within 12 hours):** A quick survey of damaged areas by the affected jurisdiction that identifies the geographic area affected and an estimate of minor, major or destroyed houses and businesses.
- **State of Kansas Initial Incident Report:** Based on the Rapid Assessments, this report will be filed by the county EOC with the Kansas Division of Emergency Management (KDEM) within 12 hours of the onset of the emergency/disaster, with as much information as is available at that time.
- **City Initial Report (filed within 24 hours to the county EOC):** This report gives the *initial estimate* of public and private property damage as well as immediate hazards in the damaged areas.
- **Joint Preliminary Damage Assessment:** This is a process of verification of damage to collect required documentation for the appropriate declaration. The County Damage Assessment Coordinator will provide personnel from the Damage Assessment Team to assist the state and federal Preliminary Disaster Assessment team to conduct on-site damage verification.
 - Individual Site Assessment: City and county Damage Assessment Teams will perform individual site surveys for their areas of responsibility on damaged homes and business that incur 40% or more uninsured damage. The County Appraiser personnel will assist IA teams in providing appraised values for completing the IA forms. County Damage Assessment Coordination Team members will forward the Kansas "Individual Site Collection Survey Form" to KDEM.
 - Public Damage Assessment: City and county Damage Assessment Teams will complete public damage assessment surveys for their areas of responsibility for the Public Assistance categories of A through G.

- **Supplemental Report:** As additional damage assessment information is received, the County EOC will compile the information from all jurisdictions and forward a supplemental report to KDEM. This supplemental report identifies the progressive number of casualties, injuries, hospitalized, missing, evacuated, and sheltered, along with highlighting local response activities. Additionally, supplemental reports give current estimates of damage to private and public property, farms/ranches, utilities, and homes or businesses which sustained 40% or more uninsured losses.
- **State Verification:** Should an event not be catastrophic, but major damage is reported to KDEM, the County Damage Assessment Coordinator will provide personnel from the Damage Assessment Team to assist the state to conduct an on-site damage verification prior to requesting the federal joint Preliminary Damage Assessment (PDA).
- **American Red Cross (ARC):** The Damage Assessment Coordinator will, whenever possible, include an ARC representative on local damage assessment teams to provide the best service and assistance to disaster victims. When the inclusion of an ARC representative is not feasible, the Damage Assessment Coordinator will provide a method of exchanging vital information between the EOC and ARC to provide the most equitable service to victims through existing assistance programs.

RESPONSIBILITIES OF DAMAGE ASSESSMENT COORDINATOR: This position is extremely critical to the success of this mission. The person chosen should have experience in building inspection, engineering, project management, real estate appraisal, or some related field. The specific responsibilities include:

- Obtain and record information from each affected area.
- Alert and activate damage assessment teams and make assignments.
- Brief damage assessment teams as to procedures, criteria, check lists, forms, and general situation of the disaster.
- Set the time, date and location for receiving damage assessment information and for debriefing teams.
- Ensures damage assessment is conducted in a timely and efficient manner.
- Responsibility for recording information on summary sheets.
- Provides briefings to emergency management coordinator and elected officials to update them on the status of the team findings and provides information that assists the County Public Information Officer (PIO) in media releases concerning hazardous conditions.

RESPONSIBILITIES OF DAMAGE ASSESSMENT TEAMS: Teams should be organized by their expertise with each department or agency expected to provide team personnel when requested by the Damage Assessment Coordinator. Volunteer agency teams will retain control over their personnel even though they may be given mission assignments by the coordinator. Teams should be capable of assessing damage in the following categories:

- Residences
- Private Business
- Agriculture
- Private Nongovernmental Facilities
- Debris Removal
- Public Roads and Bridges
- Private and Public Utilities
- Public Water Control Facilities
- Public Buildings and Equipment

INDIVIDUAL ASSISTANCE (IA) TEAMS: IA Teams are comprised of persons such as building inspectors, assessors, code enforcement officers, construction engineers, and other public service workers assess damage to private homes and businesses to determine if these persons, families, or businesses are eligible for federal assistance programs.

PUBLIC ASSISTANCE (PA) TEAMS: PA Teams are comprised of persons who have construction estimating skills and are familiar with the damaged facilities should be utilized. These efforts help to provide information on the major types of assistance designed to meet the community needs.

The city/county area(s) affected will assess impact to their jurisdiction(s) in the following FEMA Public Assistance Categories and (1) determine what can be handled by their own resources, (2) notify the county EOC where they have deficiencies, and (3) request what specific assistance is needed.

FEMA Public Assistance Categories		
Category	Type	Eligible Items
Emergency - A	Debris Removal	Trees and woody debris
		Building wreckage
		Sand, mud, silt, and gravel
		Vehicles
		Other disaster-related material
Emergency – B	Emergency Protective Measures	Tasks necessary to eliminate or reduce an immediate threat to life, public health, or safety
		Tasks necessary to eliminate or reduce an immediate hazard that threatens significant damage to improved public or private property

Permanent – C	Roads and Bridges	For roads: surfaces, bases, shoulders, ditches, drainage structures, and low water crossings
		For bridges: decking and pavement, piers, girders, abutments, slope protection, and approaches
Permanent – D	Water Control Facilities	Dams and reservoirs
		Levees
		Lined and unlined engineered drainage channels
		Shore protective devices
		Irrigation facilities
Permanent – E	Buildings and Equipment	Pumping facilities
		Buildings
		Furnishings and Interior Systems
		Consumable Supplies
Permanent – F	Utilities	Service Equipment
		Water treatment plants and delivery systems
		Power generation and distribution facilities, including generators, substations, and power lines
Permanent – G	Parks, Recreational, and Other	Sewage collection systems and treatment plants
		Playground equipment
		Swimming pools
		Bath houses
		Tennis courts
		Boat docks
		Piers
		Picnic tables
Golf courses		

The above table may change depending on federal legislation. Check with the county EOC if there are questions about items that qualify.

SPECIAL CONSIDERATIONS:

- **Historical Property:** Structures registered in the national or state historical registries, or those structures eligible for inclusion in those registries, are subject to special considerations. The Johnson County Museum maintains a list of those structures in Johnson County on the national and state registries.
- **Assessing Emergency Facilities:** The structural integrity of emergency shelters and other emergency facilities will be determined by each city having jurisdiction and by the Johnson County Department of Planning, Development, & Codes in the unincorporated portions of the county. In collaboration with the Johnson County Public Health Department, the Sanitation Division of the Johnson County Environmental Department will be responsible for inspecting food preparation and food and water supplies. Additionally, the Johnson County Environmental Department and Johnson County Public Health Department will assess the overall sanitation and living conditions in emergency facilities.

CRITICAL RESOURCES:

- **Structural Damage Assessment:** Structural damage assessment will be done by teams formed by each city having jurisdiction and by the Johnson County Department of Planning, Development, & Codes for the unincorporated areas of the county. The Kansas Assessment Team will supplement personnel for those teams as needed.

The Department of Planning, Development, & Codes will also utilize the *Kansas Disaster Assessment Program* as needed when damage assessment tasks have over-whelmed local team resources. The Damage Assessment Coordination Team will notify KDEM of the activation of the plan and will follow the guidelines therein.

- **Environmental Assessment:**
 - Chemical & Radiological: Assessing damage to the environment will be differentiated in the following categories:
 - Damage to Containment Structures: Damage to chemical or radiological containment structures will be handled by specifically trained hazardous material technicians or radiological specialists. (Refer to Annex V: Hazardous Materials)
 - Contamination: Contamination of water, air, food, and exposed populations or animals will be determined by city or county environmental specialists and/or hazardous material technicians with specialized training and equipment to make those determinations.
 - Biological: In cooperation with Kansas Department of Health and Environment (KDHE), local hospitals, and other regional health departments, the Johnson County Health Department will provide disease monitoring. In addition, the Johnson County Health Department will coordinate the collection and testing of biological samples with KDHE and the Center for Disease Control (CDC).

POST-DISASTER ASSESSMENT: Each City/County Engineer or Public Works department will be responsible for post-disaster evaluation regarding infrastructure integrity and recommendations for design changes/adoptions.

City and/or the County Department of Plans, Code, and Development will be responsible for individual site assessments which may require structural repairs recommended by the appropriate local jurisdictional building code.