

Damage Assessment



What is Damage Assessment?

Definition:

Timely and accurate assessment of damage to public and private property following an emergency or a disaster.

- Purpose – Determine severity of damage, provide information to assist with recovery operations.

Damage Assessment Includes

GOVERNMENT AGENCIES

Public facilities and infrastructure

INDIVIDUAL

Primarily private residences

BUSINESS

Equipment, inventory, loss of income

PUBLIC/Private Non-Profit

Expenses Incurred (administrative/salary costs), property damage/loss

AGRICULTURAL

Estimated loss to livestock, crops, etc.

PUBLIC UTILITIES

Facilities, sewer, electrical, gas, water, etc.

Damage Assessment

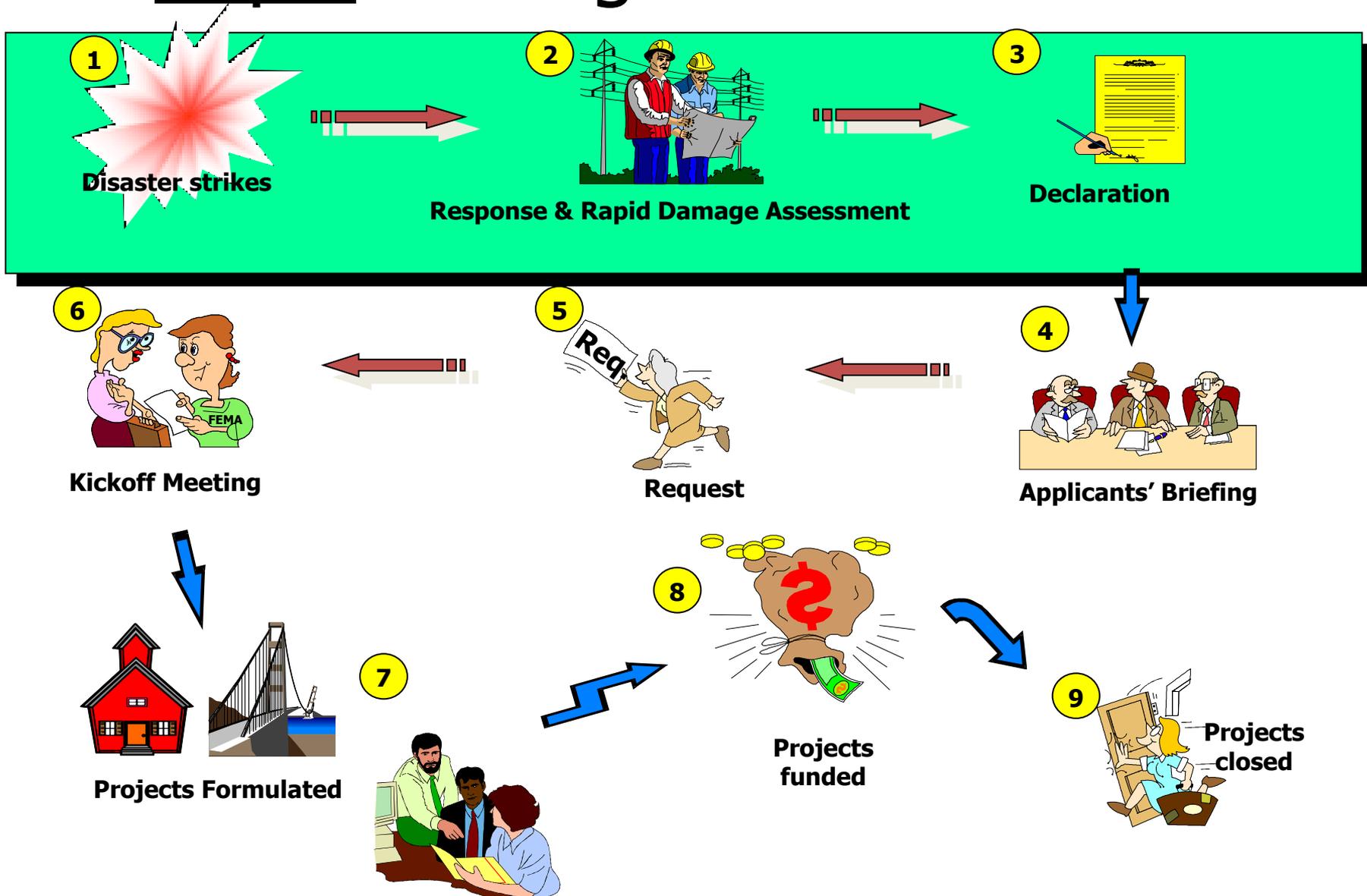
Rapid Damage
Assessment

Preliminary
Damage
Assessment

Joint Preliminary
Damage
Assessment



Rapid Damage Assessment



Rapid Damage Assessment

- Conducted by local or tribal personnel
 - Provide results of assessment to the local point of contact
 - priority given to severely damaged and critical facilities



Rapid Damage Assessment

- The emergency manager reports to the next level of government (Local to County)
- Collect and save all data and paperwork to document all costs incurred



Preliminary Damage Assessment

The PDA is a conducted between the affected local/county/tribal entity and state to document the impact and magnitude of the disaster on both private and public sectors.



Preliminary Damage Assessment

- The NDEM has primary responsibility for assembling and activating the state PDA teams **upon request of the affected jurisdiction(s)**:
- Before the arrival of the PDA team:
 - To guide the state teams to affected area(s), the local jurisdiction appoints LOCAL representatives familiar with the damage

Preliminary Damage Assessment Teams

- ❑ Teams consist of local, START, Private industry, and Federal Government representatives
- ❑ 1 – 6 Teams of 4-5 members available for deployment
- ❑ Teams are properly equipped to accurately assess, record & report damage



2.2

Preliminary Damage Assessment Conclusion

The Governor will use the results of the PDA and other information as the basis for declaring a state of emergency or requesting federal disaster assistance

2.3

Joint Preliminary Damage Assessment

A team of local/tribal, state and federal personnel conducts the joint PDA.



2.3 Joint PDA Damages Sample Worksheet

Jurisdiction	Categories of Work							Total	Pop ¹	Per Capita Impact
	A	B	C	D	E	F	G			
LyonCounty										
Lyon County	\$ -	\$ 8,586	\$ 1,159,500	\$ -	\$ -	\$ -	\$ -	\$ 1,168,086		
Fernley, City of	\$ 186,677	\$ 25,193	\$ 140,203		\$ -	\$ 64,000	\$ 537,343	\$ 953,416	6,048	\$ 157.64
Hazel, City of	\$ 1,435	\$ -	\$ -		\$ -	\$ 26,977	\$ 15,600	\$ 44,012	4,350	\$ 10.12
Dayton, City of	\$ 16,790	\$ 14,294	\$ 65,000	\$ 50,000	\$ 59,074	\$ 54,780	\$ 320	\$ 260,258	10,704	\$ 24.31
Lyon, City of	\$ -	\$ -	\$ 110,950		\$ -	\$ 185,000	\$ 22,845	\$ 318,795	3,917	\$ 81.39
Dayton, City of	\$ 1,310	\$ -	\$ 3,890	\$ -	\$ -	\$ 32,030	\$ -	\$ 37,230	888	\$ 41.93
Lyon SRD	\$ -	\$ -	\$ 15,600	\$ -	\$ -	\$ -	\$ -	\$ 15,600		
Union SRD	\$ 1,000	\$ -	\$ 27,900	\$ -	\$ -	\$ -	\$ -	\$ 28,900		
Lyon FPD		\$ 12,000						\$ 12,000		
Pacific FPD	\$ -	\$ 1,006	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,006		
Fernley Volunteer FPD	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000		
Dayton FPD	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000		
Lyon Ambul. Dist.	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000		
Ambul. Dist.	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000		
Dayton Ambul. Dist.		\$ 800			\$ 1,500			\$ 2,300		
Lyon County PWSD #1						\$ 24,901		\$ 24,901		
Lyon PWSD #3						\$ 2,980		\$ 2,980		
17	\$ 207,212	\$ 65,879	\$ 1,523,043	\$ 50,000	\$ 60,574	\$ 390,668	\$ 576,108	\$ 2,873,484	80,603	\$ 35.65
Eureka County										
Eureka County	\$ -	\$ -	\$ 746,090	\$ -	\$ -	\$ -	\$ -	\$ 746,090		
Eureka, City of						\$ 2,632		\$ 2,632	1,625	\$ 1.62
Cash, City of	\$ 5,000	\$ 5,000				\$ 27,000		\$ 37,000	5,993	\$ 6.17
Eureka FPD	\$ -	\$ 3,542	\$ -	\$ -	\$ 3,000	\$ -	\$ -	\$ 6,542		
Hill FPD	\$ -	\$ -	\$ -	\$ -	\$ 13,331	\$ -	\$ -	\$ 13,331		
Rock FPD	\$ -	\$ 7,930	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,930		
Rock Creek PSD						\$ 10,500		\$ 10,500		
County Park			\$ 2,080					\$ 2,080		
8	\$ 5,000	\$ 16,472	\$ 748,170		\$ 16,331	\$ 40,132		\$ 826,105	171,380	\$ 4.82
Washoe County										
Washoe County	\$ 3,100	\$ 1,000	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ 58,500	14,006	\$ 4.18
	\$ 3,100	\$ 1,000	\$ 54,400					\$ 58,500	14,006	\$ 4.18
26 Jurisdictions	\$ 215,312	\$ 83,351				\$ 576,108		\$ 3,758,089	5,117,073	\$ 0.73
	5.7%	2.2%				15.3%		100.0%		

State per capita impact of \$1.37

Total state population

¹U.S. Census Bureau, Population Estimates, 2000 census

2.3 JOINT PDA SUMMARY OF DAMAGES

✓ Values and calculations to meet the threshold for a federal declaration

- 2013 FEMA Indicators for Disasters Statewide Population based on 2010 U.S. Census times Consumer Price Index Adjustment
($\$1.37$) X 2,700,511 = $\$3,699,700$**
- 2013 FEMA Indicators for Disasters Statewide Population based on 2010 U.S. Census County Population based on 2010 U.S. Census times the Federal Determined Adjustment ($\$3.45$) X (Clark County Pop. 1,951,269) = $\$6,731,878$**

Any Questions?

