

# Community Resilience Indicators



FEMA



# Indicators of Community Resilience to Hazards and the Impacts of Climate Change



- **Who:** Federal Interagency Effort Coordinated via the Mitigation Framework Leadership Group (MitFLG)
- **What:** Measure/monitor community actions toward disaster resilience as defined by the **National Preparedness Goal**
  - **Resilience: the ability to adapt to changing conditions and withstand and rapidly recover from disruption due to emergencies**
- **How:** Use data associated with Federal assistance to communities to monitor community capacity building efforts
  - **Grants, cooperative agreements, loans, technical assistance, Federally-backed insurance, the use of maps and risk data, etc.**
- **How Often:** Provide baseline indicators in 2016 and update annually



# Key Factors Affecting Community Resilience by Mitigation and Recovery Core Capabilities



Core Capability	Sample Indicator	Sample Capacity Building Action
Housing	% households living with severe housing problems	Participation in HUD programs
Health	Environmental Justice Index score for ozone (EPA)	Participation in EPA programs
Economy	Average unemployment rate	Participation in EDA, USDA programs
Infrastructure Systems	% complete infrastructure resilience assessment	Participation in DHS, other programs
Natural and Cultural Resources	Square miles net wetlands restored	Participation in programs
Risk and Resilience Assessment	Localities designated as StormReady (NOAA)	Participation in NOAA StormReady
Integrated Planning and Collaboration	Communities covered by various resilience plans	Various mitigation and resilience planning programs
Long-Term Vulnerability Reduction	Localities adopting disaster building codes	Various Fed programs



# Users and Uses of Community Resilience Indicators



- **Uses and Users:** Many potential users and uses are anticipated including:
- **Whole Community (Feds, States, Local, Private):** Provide a collective sense of what types of local actions and investments affect community resilience
- **Federal agencies:** Collective tracking of community actions relative to known risks – can be used to develop investment strategies and alliances across programs
- **Community Leaders:** Creates a sense of what peer communities are doing to building disaster and climate resilience – provides a list of available Federal program resources
- **Academics, NGOs, Insurers:** Provides data on the use of Federal investments and the outcomes of those investments – adds to pool of resources available to measure resilience

