



City of New Orleans Hazard Mitigation Planning

City of New Orleans
Community Meeting
November 19, 2020
6pm to 7:30pm

Greetings

Austin Feldbaum

Hazard Mitigation Office

City of New Orleans

hazardmitigation@nola.gov

Housekeeping Items

- Please keep your line muted
- Chat feature allows for questions at anytime
- City of New Orleans (Austin) will be presenting
- Civix (Ryan and Amanda) will be hosting and managing the meeting

Agenda

- Meeting Goals and Objectives
- Overview of Hazard Mitigation Plan Process
- Updated 2020 Mitigation Actions
- Questions and Comments
- Next Steps

Meeting Goals and Objectives

- Provide status update on the Hazard Mitigation Plan and planning process
- Present 2020 hazards and Actions
- Receive feedback on updated Actions
- Discuss next steps

Hazard Mitigation Plan

Mitigation Strategy

- Long-term plan to reduce potential losses identified in the risk assessment.
 - Goals
 - Mitigation Action Plan
 - Prioritized Mitigation Actions
 - Implementation Strategy

FEMA Mitigation Action Categories

- Prevention
- Property Protection
- Natural Resource Protection
- Emergency Services
- Structural Projects
- Public Education and Awareness

2020 Natural Hazards



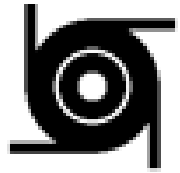
Flooding



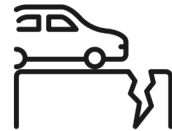
Tornadoes



Extreme Heat



Tropical
Cyclones



Subsidence



Severe
Thunderstorm

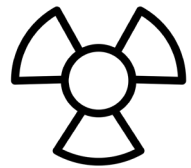


Coastal
Erosion



Winter Weather

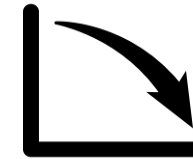
2020 Man-Made Hazards



Hazardous
Materials



Infrastructure
Failure



Economic Shock



Active Threats



Infectious
Disease
Outbreak

Hazard Mitigation Action Goals

- Goal 1: Reduce risk and vulnerability to the human environment including cultural resources, homeowners, renters, visitors, and transient populations.
- Goal 2: Reduce risk and vulnerability to the built environment including current and future structures; critical facilities; historic structures; and infrastructure, including communications infrastructure.
- Goal 3: Reduce risk and vulnerability to the natural environment including wetland restoration and recognition of New Orleans as a coastal city.

Hazard Mitigation Action Goals

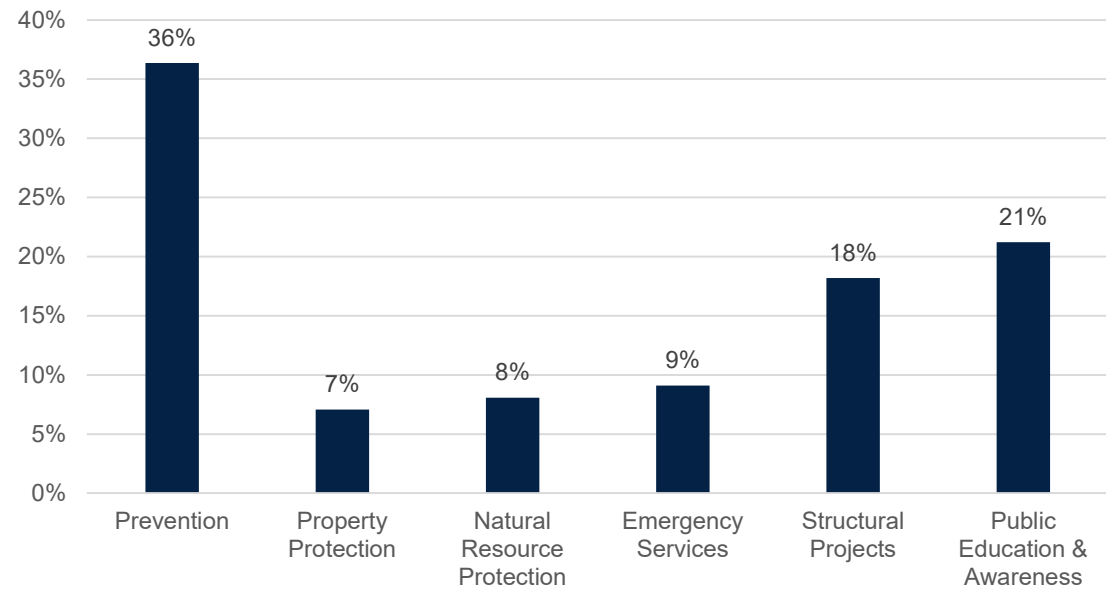
- Goal 4: : Maximize the involvement of individuals, businesses, and groups in risk reduction measures through education/outreach on hazard mitigation appropriate to all groups, particularly vulnerable populations.
- Goal 5: To promote, implement, and sustain mitigation measures in Orleans Parish in order to reduce and manage risks to human life, the environment, and property.
- Goal 6: To protect Orleans Parish and the surrounding region from the effects of natural and manmade hazards, ensuring community continuity in the event of such hazards.

2020 Hazard Mitigation Actions

Flooding

99
Actions

Action Categories: Flooding



Flooding

- Sample Actions:
 - Duncan Plaza Drainage Improvement
 - Create a digital system for cataloguing, managing, and organizing Elevation Certificates acquired through local jurisdictions
 - Advocate for NRDA Funding of the NOE Land Bridge Project at State and Federal Levels.

Flooding

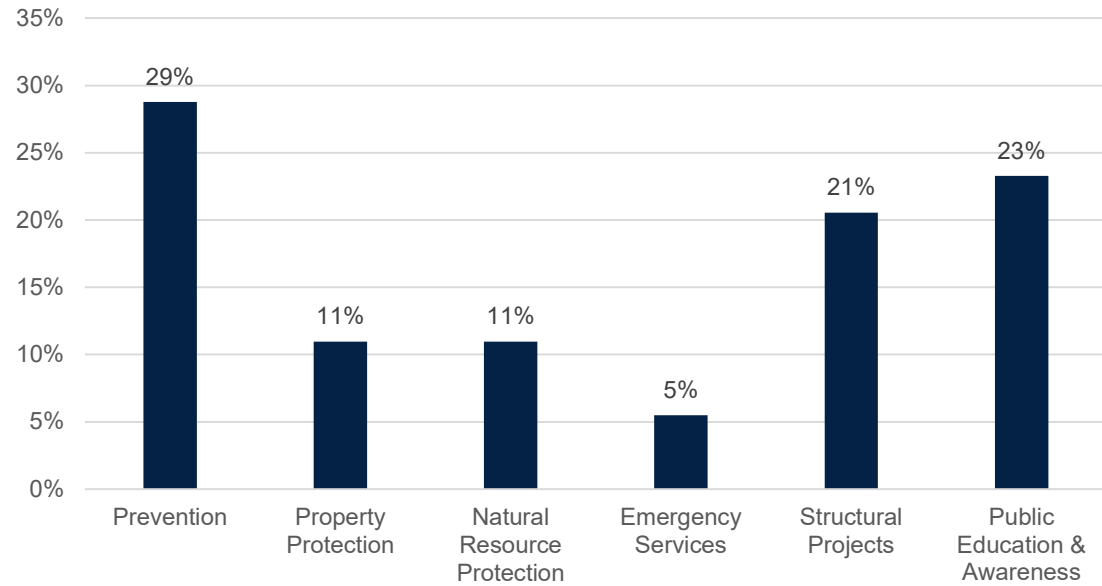
- Sample Actions:
 - Work with US Army Corps of Engineers to obtain NFIP recertification for 100-year flood protection from FEMA
 - Coordinate with Regional Planning Commission (RPC) and other parishes in Region 8 to evaluate and identify projects aimed at minimizing flood risks in accordance with the 2018 Louisiana Water Initiative



Tropical Cyclones

73
Actions

Action Categories: Tropical Cyclones





Tropical Cyclones

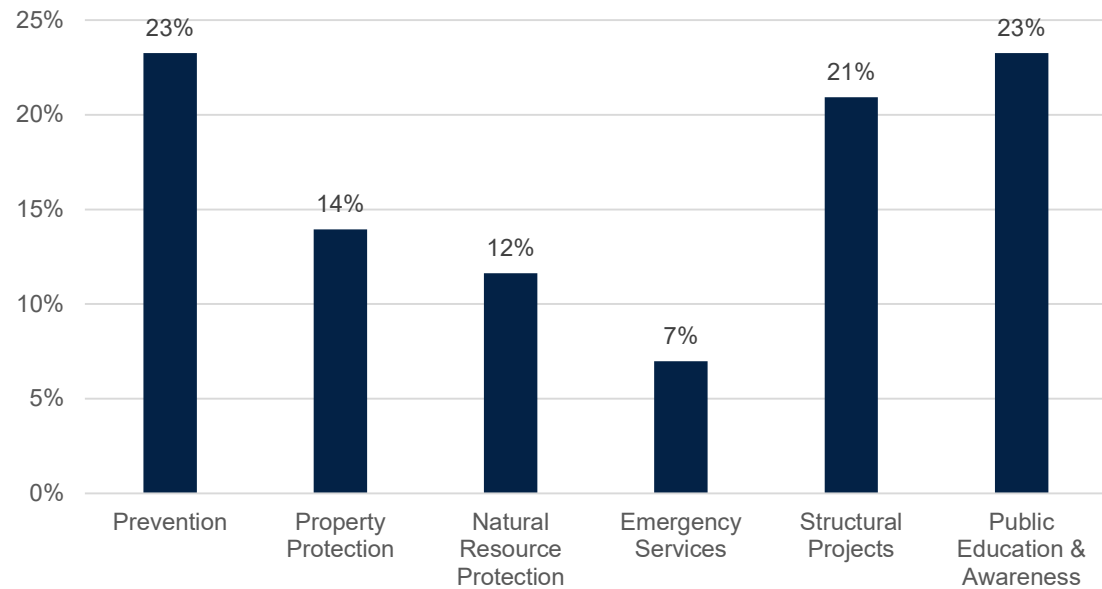
- Sample Actions:
 - Advocate for Funding of the continued restoration of the MRGO at State and Federal Levels
 - Expand the scope of coastal habitat restoration, protection, and preservation to include the individuals and communities residing in these places. Incorporate the culture of coastal communities into policies surrounding coastal habitat management.
 - Assign a City team to work toward levee system upgrades to 500-year flood protection levels



Infrastructure Failure

43
Actions

Action Categories: Infrastructure Failure





Infrastructure Failure

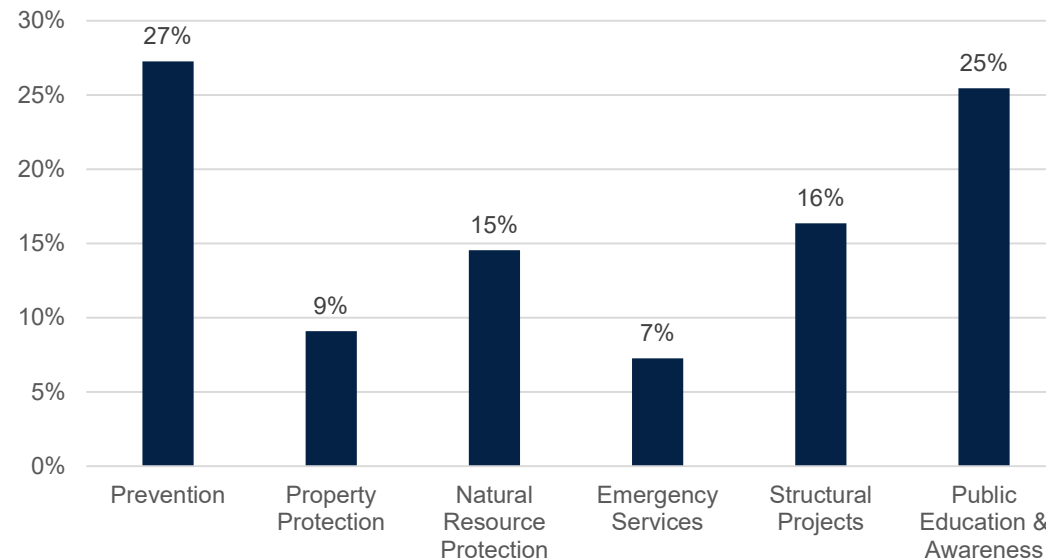
- Sample Actions:
 - Make solar power a viable option for residential and commercial property owners and city-owned properties to increase energy security, reduce energy costs, and reduce dependence on fossil fuels
 - Ensure the former Recovery 1 landfill site located adjacent to Bayou Sauvage, a National Wildlife Refuge, is properly and safely maintained over time to prevent contamination of Bayou Sauvage



Coastal Erosion

55
Actions

Action Categories: Coastal Erosion





Coastal Erosion

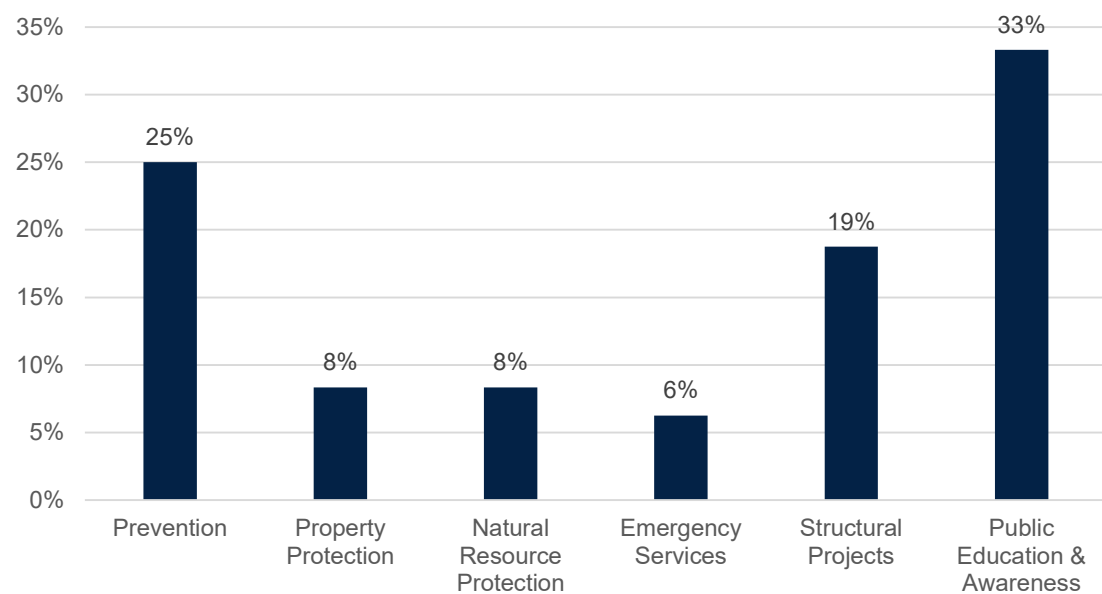
- Sample Actions:
 - Continue the enhancement of Sankofa Wetlands in the Lower Ninth Ward for stormwater management and subsidence reduction, use as an educational opportunity for youth in the area
 - Update the Climate Action Plan and incorporate relevant actions into the Hazard Mitigation Plan
 - Examine financing mechanism from for funding adaptation beyond FEMA recovery dollars



Subsidence

48
Actions

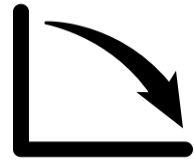
Action Categories: Subsidence





Subsidence

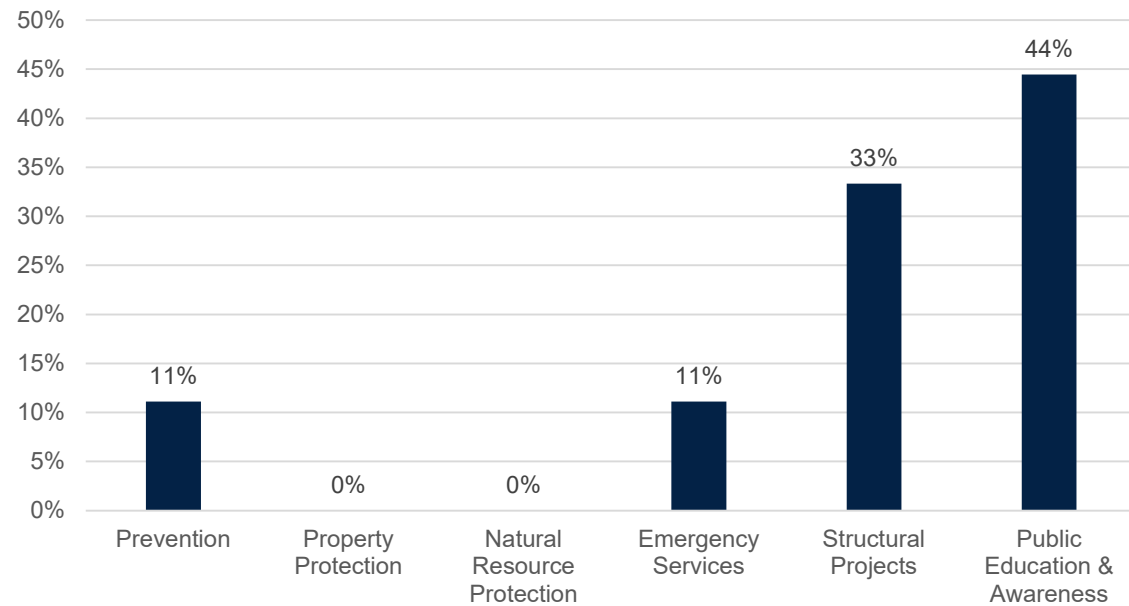
- Sample Actions:
 - Increase water literacy curriculum development and teacher training with the goal of all students receiving 1 hour/year of qualified instruction
 - Utilize the Urban Water Plan as a roadmap for management of flood and subsidence threats, while creating economic value and enhancing quality of life
 - Create a citywide data platform of all green infrastructure projects

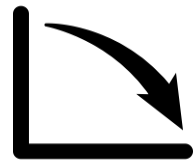


Economic Shock

9
Actions

Action Categories: Economic Shock





Economic Shock

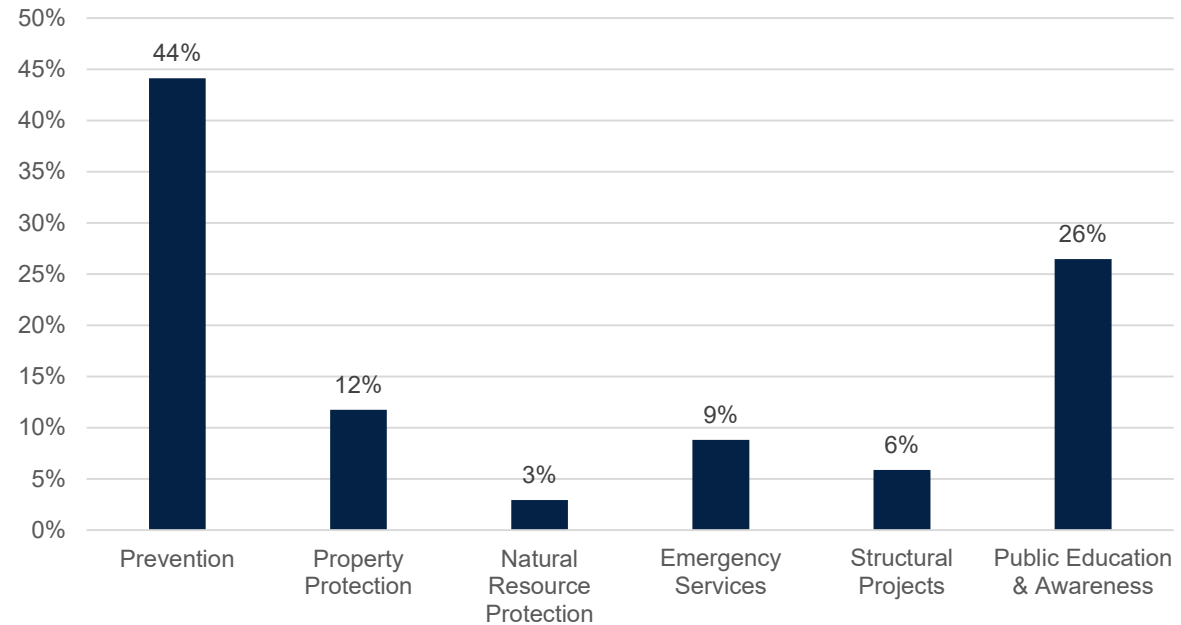
- Sample Actions:
 - Leverage local resilience and mitigation efforts as opportunities to train the local workforce in 'green' jobs, ensuring all angles of workforce development are being addressed
 - Provide financial incentives to make mitigation accessible to all



Tornadoes

34
Actions

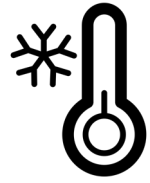
Action Categories: Tornadoes





Tornadoes

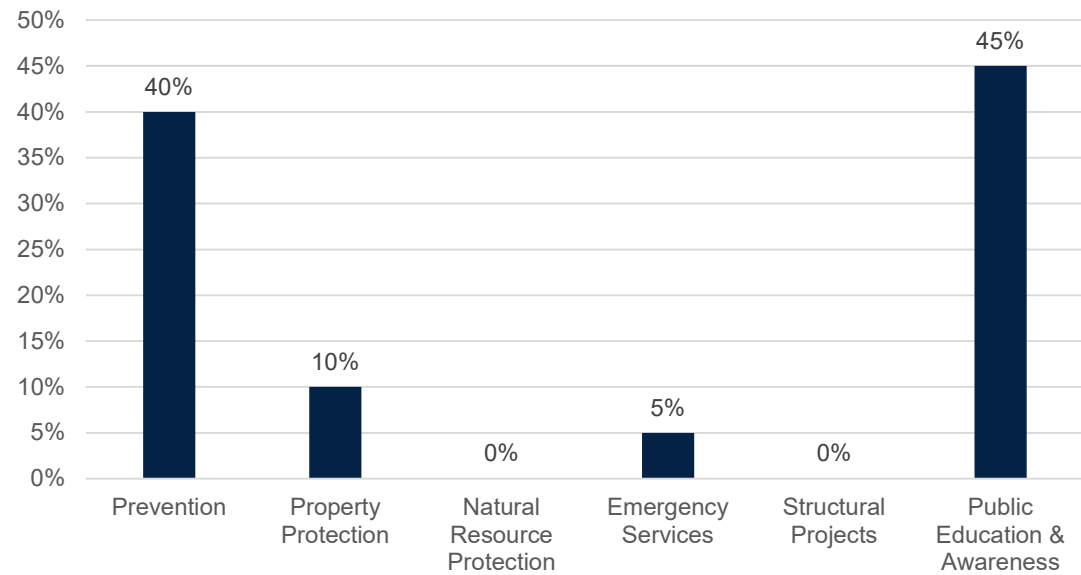
- **Sample Actions:**
 - Create a state-level insurance credit to incentivize the installation of roofs using fortified building methods, which are designed to strengthen buildings against high winds, and educate community members about incentives
 - Create an in-house HAZUS model, used to estimate potential losses from disasters, to support risk-informed decision-making
 - Integrate green jobs education and skill-building into K-12 school and after school curriculums. Coordinate with local organizations to offer additional educational opportunities pertaining to green high-paying careers

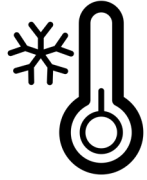


Winter Weather

20
Actions

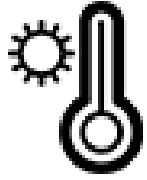
Action Categories: Winter Weather





Winter Weather

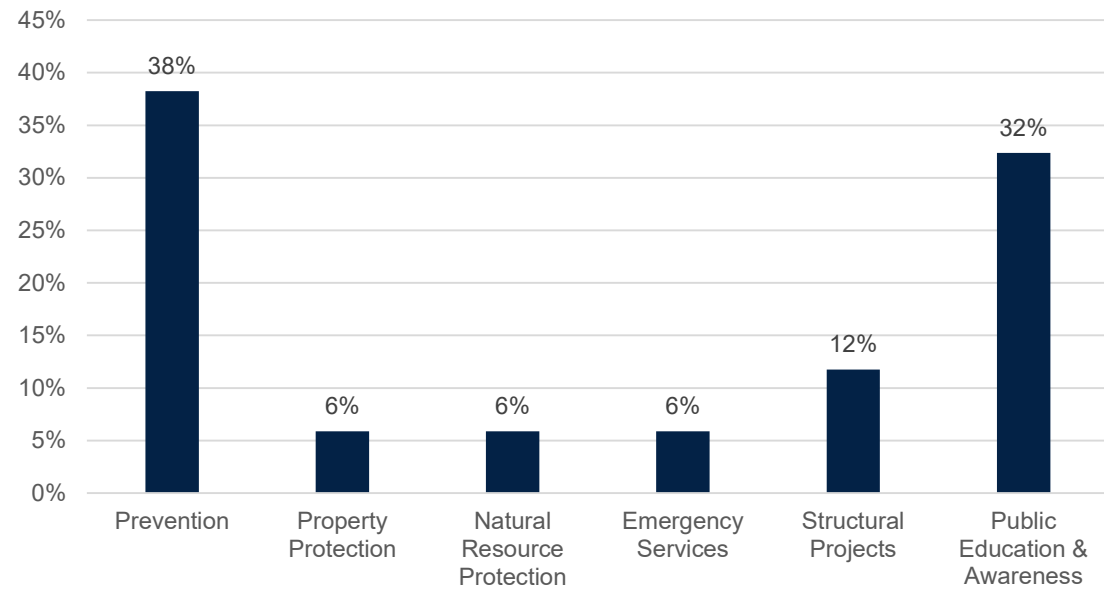
- Sample Actions:
 - Develop a set of standards promoting the use of resilient building materials in government-owned, commercial, and residential projects
 - Create a higher set of energy efficiency standards for building performance to reduce energy consumption and greenhouse gas emissions in new construction
 - Incorporate recommendations from the national proposed Green New Deal for Public Housing Act into local public housing policies, such as converting buildings to electric energy, adding solar panels, and securing renewable energy sources

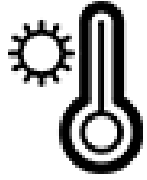


Extreme Heat

34
Actions

Action Categories: Extreme Heat





Extreme Heat

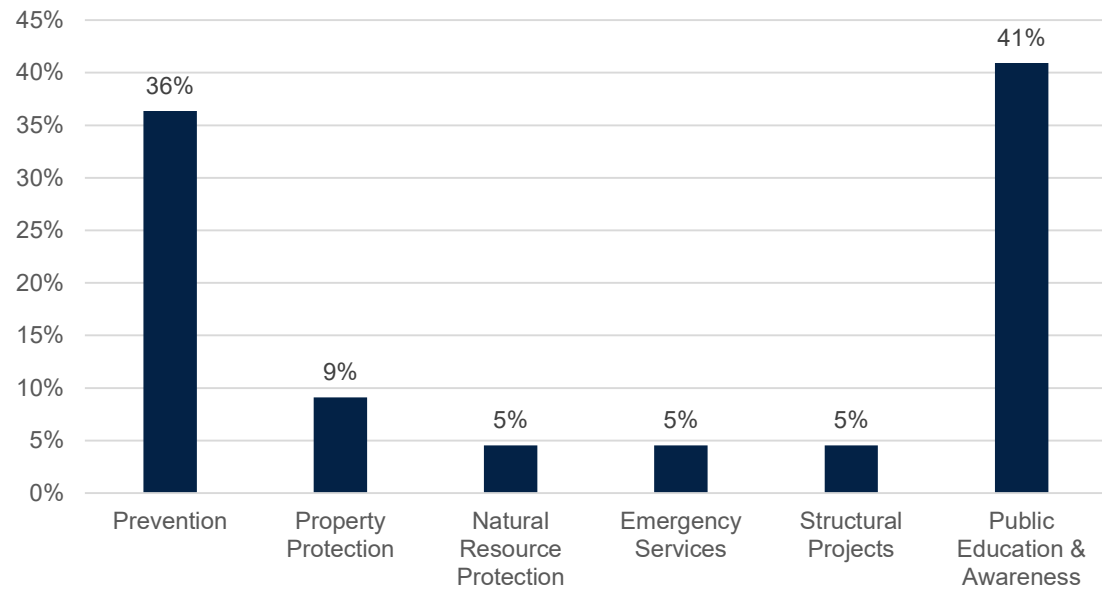
- Sample Actions:
 - Conduct an Urban Heat Island Study to address extreme heat threats on a neighborhood-by-neighborhood level. Identify areas most in need of interventions and prioritize project implementation there
 - Provide shade structures and seating at all RTA stops to protect riders and build out as a workforce development opportunity
 - Scale up tree planting to the neighborhood level using an opt-out approach and contiguous planting grids



Severe Thunderstorms

22
Actions

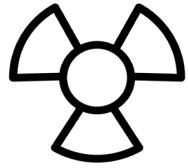
Action Categories: Severe Thunderstorms





Severe Thunderstorms

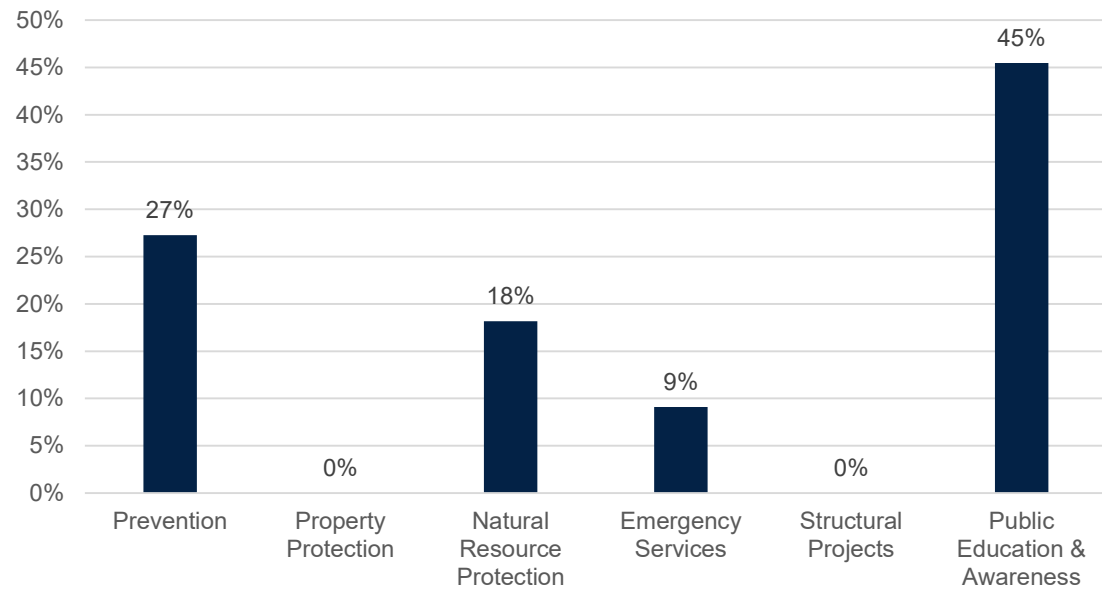
- Sample Actions:
 - Work to address the Building Code Effectiveness Grading Schedule
 - Complete study on economic impact of green infrastructure investments and implement policy recommendations
 - Define common data-informed metrics to measure resilience progress in Orleans Parish

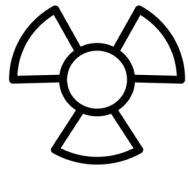


Hazardous Materials

11
Actions

Action Categories: Hazardous Materials





Hazardous Materials

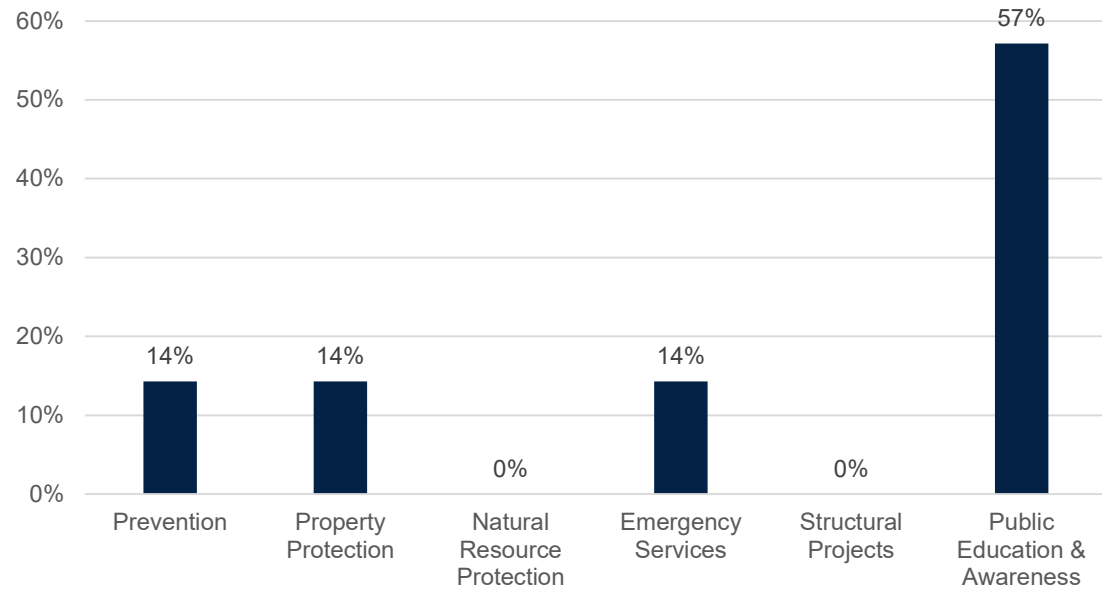
- Sample Actions:
 - Develop city-wide policy regarding reuse of materials from structure demolitions, other ways to reduce greenhouse gas footprint of new construction or retrofits. Connect with workforce and green jobs efforts
 - Enhance Household Hazard Waste drop-off days, involve volunteers, scale up material recovery and landfill diversion



Active Threats

7
Actions

Action Categories: Active Threats





Active Threats

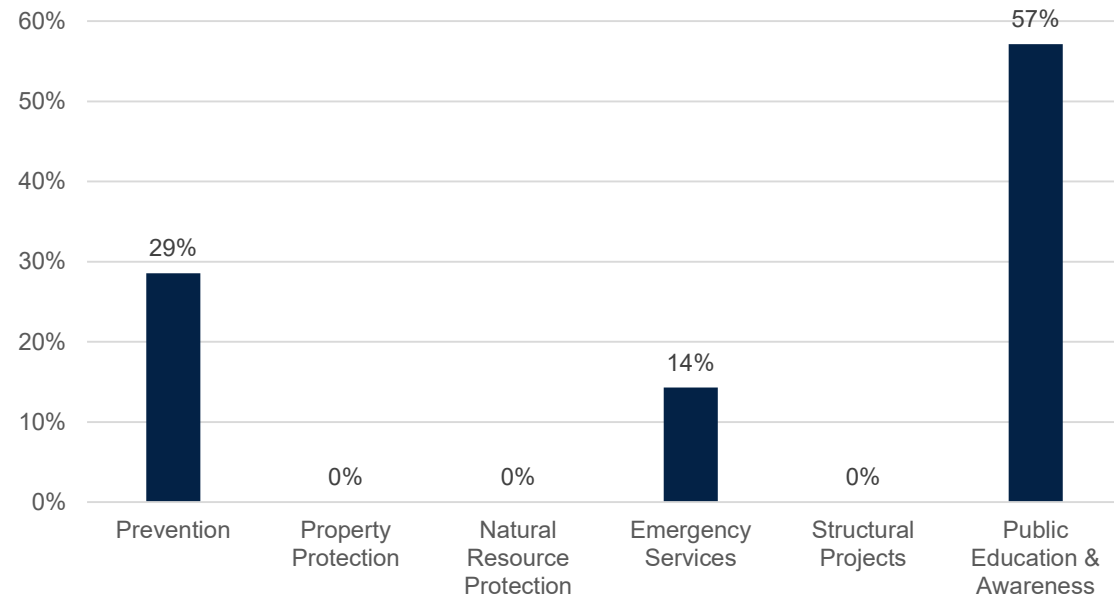
- Sample Actions:
 - Integrate design solutions into community stormwater and disaster management behaviors (e.g. designate parking areas in neutral grounds to avoid damage to trees and underground infrastructure)



Infectious Disease Outbreak

7
Actions

Action Categories: Infectious Disease Outbreak





Infectious Disease Outbreak

- Sample Actions:
 - Create local and regional plans for climate change-related threats, including intensification of weather events, changing development patterns and methods, and population relocation due to environmental risk
 - Create neighborhood resilience hubs that provide an opportunity to build local community power and leadership, can support neighborhood residents before, during, or after a natural or manmade hazard event, and can ensure timely resource and service distribution during disasters

Questions & Comments

Additional Feedback

- I. If you would like to provide additional feedback, please email hazardmitigation@nola.gov by November 30th

Next Steps & Additional Resources

Next Steps

- Draft HMP out for Public Comment – Late December 2020

Additional Resources

- Hazard Mitigation Plan Website
 - <https://ready.nola.gov/hazard-mitigation/home/>
- Risk Reduction Survey
 - <https://ready.nola.gov/hazard-mitigation/survey/>
 - SURVEY to 504-608-3230
- Stay Connected
 - Email Updates: https://public.govdelivery.com/accounts/LANOLA/subscriber/new?topic_id=LANOLA_394
 - Text HAZARDPLAN to 468-311
- Submit Questions and Comments about the Hazard Mitigation Plan to, hazardmitigation@nola.gov



THANK YOU

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