



# Building Resiliency for Your Community

JULY 31, 2021

# THE BEGINNING:

## SOUTH CAROLINA DISASTER RECOVERY OFFICE



- ▶ Gov. Nikki Haley established the SC Disaster Recovery Office (SCDRO) following the historic 2015 Flood
- ▶ SCDRO deployed the HUD CDBG-DR funded housing recovery for the state
- ▶ Directive was to undertake an apolitical recovery primarily targeting our most vulnerable citizens
- ▶ SCDRO subsequently tasked with handling the recoveries for Hurricane Matthew 2016 and Hurricane Florence 2018


# THE NOW:

## SOUTH CAROLINA OFFICE OF RESILIENCE



- ▶ Effective Sept 29, 2020, the General Assembly created the SC Office of Resilience with SCDRO becoming a part of the new agency, S.C. Code. Ann. § 48-62-10, et. seq.
- ▶ Gov. Henry Dargan McMaster appointed SCDRO Director Ben Duncan as the state's first Chief Resilience Officer and the SC Senate confirmed Ben on April 7, 2021

# SOUTH CAROLINA OFFICE OF RESILIENCE MISSION

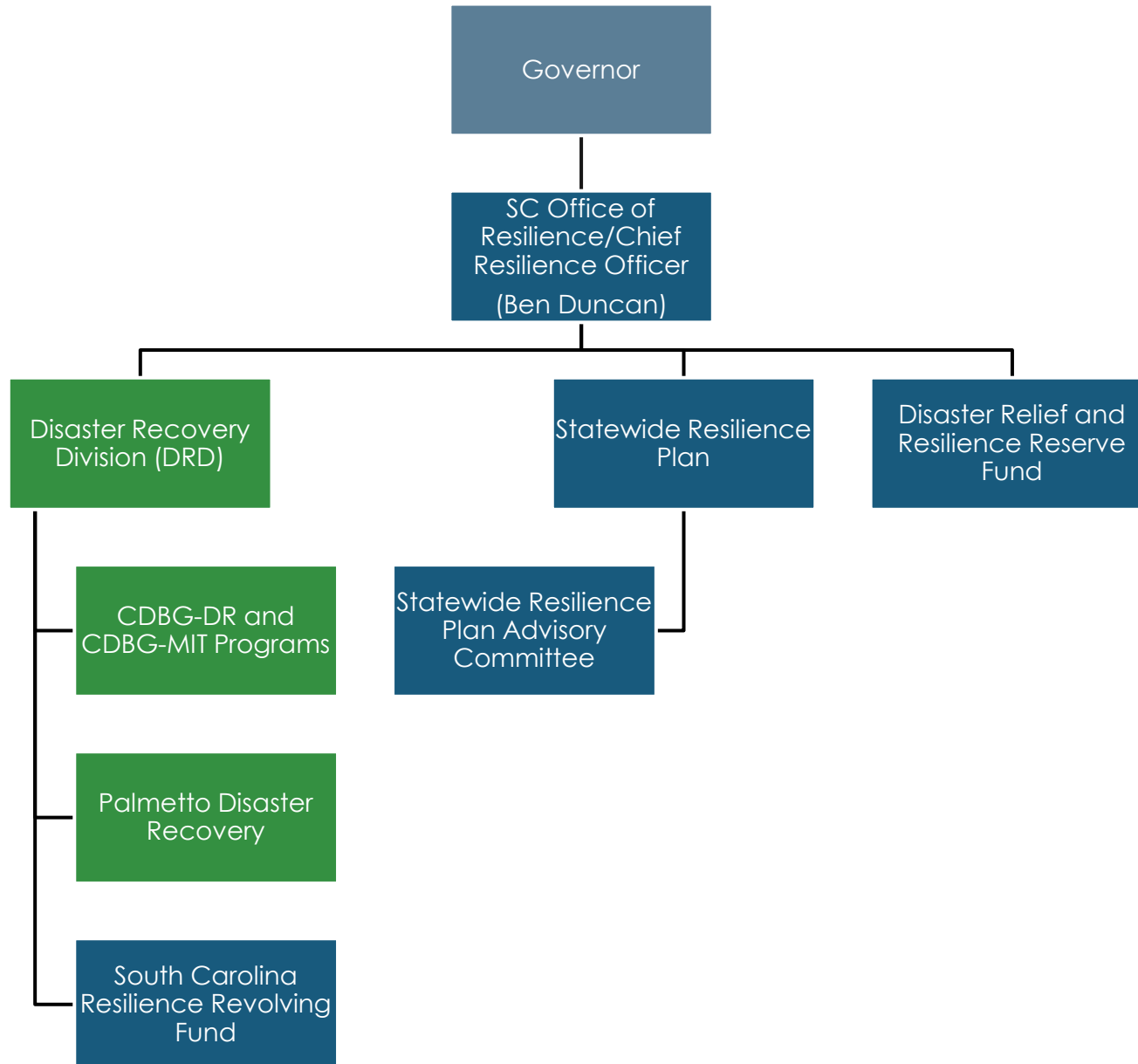


► Increase resilience to disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to and loss of property, and suffering and hardship, by lessening the impact of future disasters

► Identify, vet and carry out strategic high impact mitigation projects and risk reduction housing buyouts

► Coordinate statewide resilience planning and strategy

# South Carolina Office of Resilience



Federally-funded functional areas



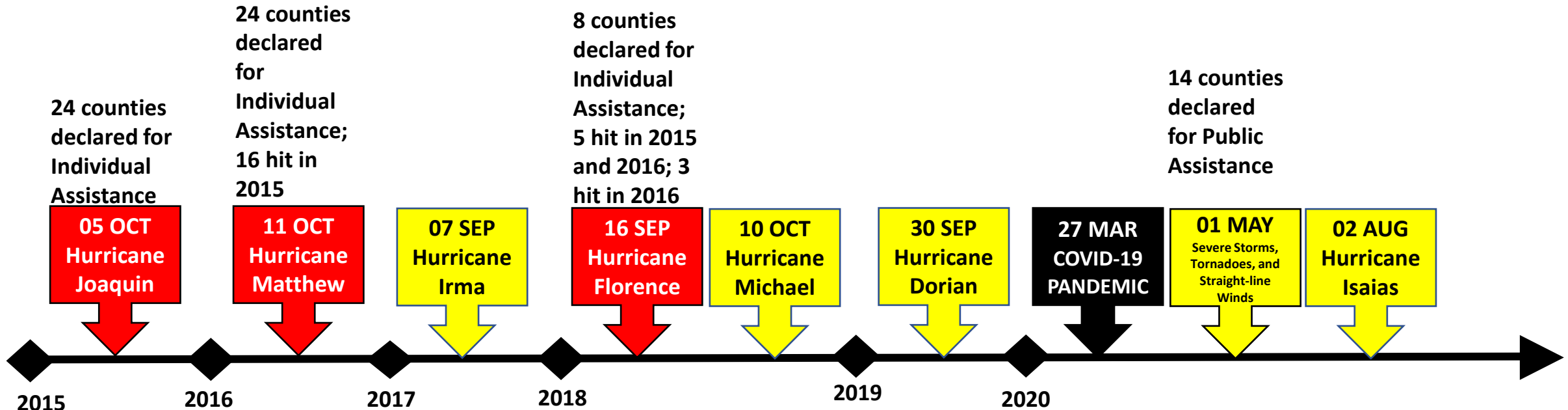
State funded functional areas



# Current Federal Funding

Disaster Grant	2015 Severe Storm	2016 Hurricane Matthew	2018 Hurricane Florence	2020 Mitigation
Grant Authority	HUD	HUD	HUD	HUD
Grant Amount	\$126 Million	\$95 Million	\$72 Million	\$162 Million
Service Area	22x IA Declared Counties (8x MIDs)	24x IA Declared Counties (4x MIDs)	8x IA Declared Counties (3x MIDs)	9x HUD MID Counties 8x SC MID Counties
Citizens Served	1,830	+/- 1,145	+/- 500	TBD
End of Construction/ Program	August 2021	October 2021	NLT 2026	NLT 2032

# Recent Disaster History



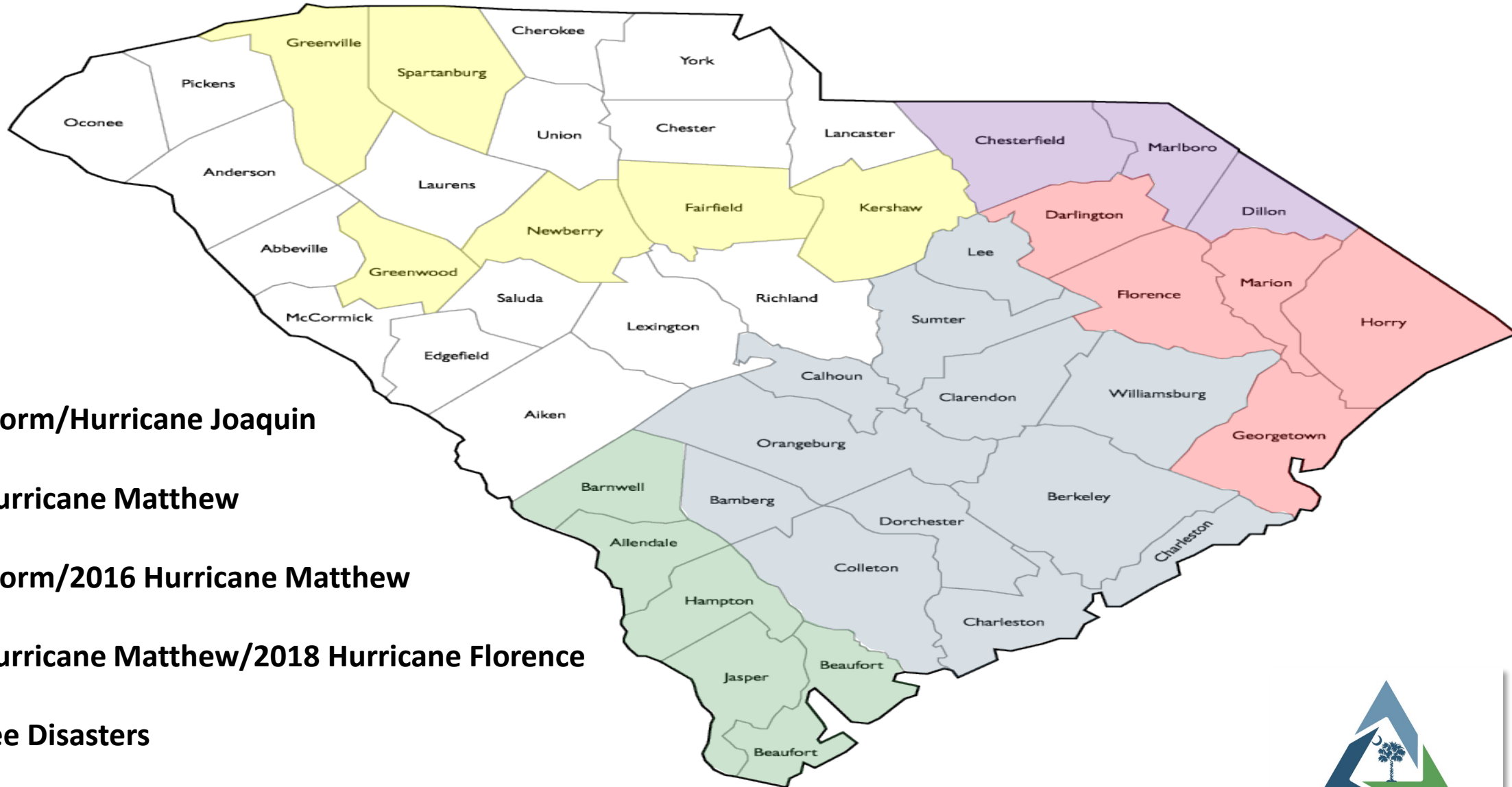
Federally Declared Major Disaster – Individual Assistance Available



Near Miss or Federally Declared Disaster – Public Assistance Only



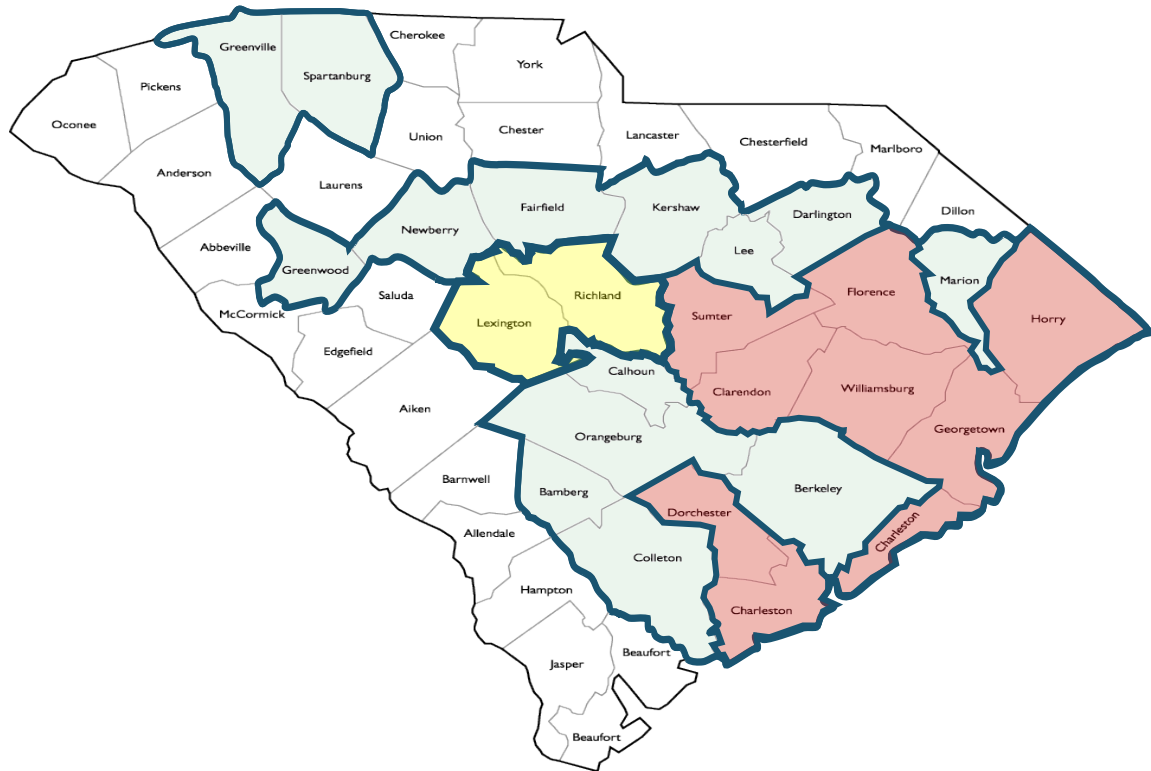
# Federal Funding Area of Operations





# 2015 Storm Recovery

- 24 counties hit by the 2015 Storm; 8 MID counties; 2 counties received their own CDBG-DR grants (we do not serve them)
- Total CDBG-DR grant \$126M
- 103,000 FEMA IA Applicants; 3,769 Program Applicants



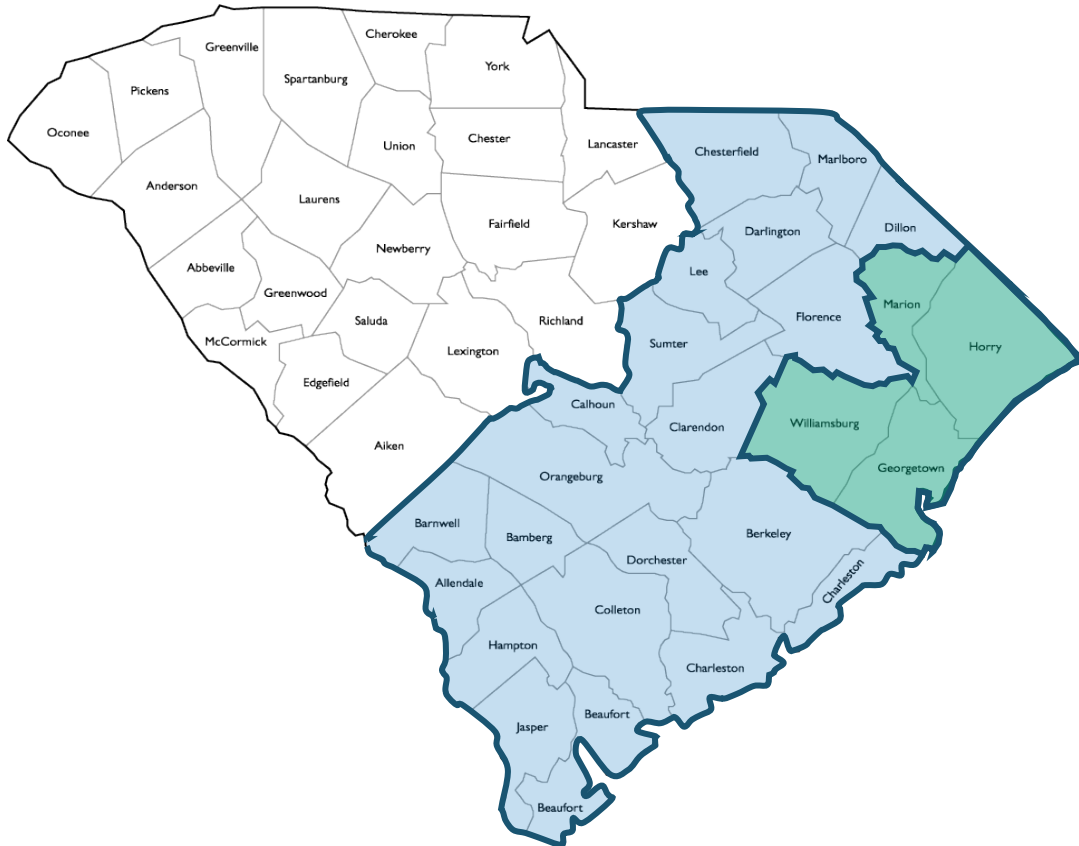
## Demographics

Average age of client:	68 years old
% AMI 30% or <:	76%
% females:	79%
% disabled:	93%
% age dependent:	48%
% age dependent and disabled:	38%
% no taxable income:	71%
% minority clients:	90%

- \$ 96,715,404 spent on homes
- 1,823 homes completed (99% complete)
- 7 homes in construction
- Average home cost \$53,053
- Goal is 1,830 homes

# 2016 Hurricane Matthew Recovery

- 24 counties hit by the 2016 Hurricane; 4 MID counties
- Total CDBG-DR grant \$95M
- 47,000 FEMA IA Applicants; 4,037 Program Applicants



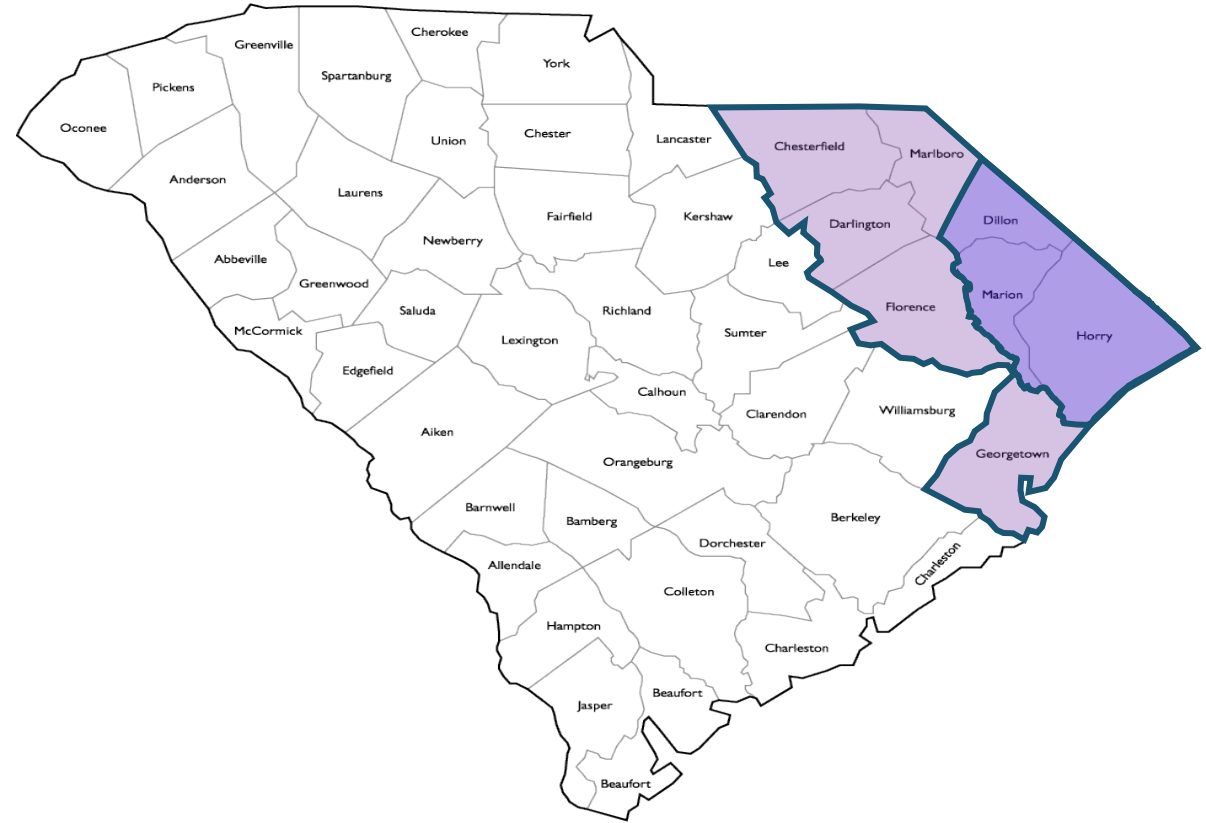
## Demographics

Average age of client:	62 years old
% AMI 30% or <:	41%
% females:	83%
% disabled:	56%
% age dependent:	26%
% age dependent and disabled:	15%
% no taxable income:	79%
% minority clients:	60%

- \$ 69,512,290 spent on homes
- 1,107 homes completed (96% complete)
- 14 homes in construction
- Average home cost \$62,793
- Goal is 1,145 homes

# 2018 Hurricane Florence Recovery

- 8 counties declared for Individual Assistance
  - Horry, Marion, and Dillon Counties are the designated Most Impacted and Distressed areas
- \$72 Million grant
- 7 homes completed
- 15 homes in construction
- \$331,329 spent on homes
- 123 award letters to date
- Intake ends July 31, 2021



# Hurricane Florence Method of Distribution

Total Grant = \$72,075,000

PROGRAM DELIVERY  
\$67,000,000

PLANNING  
\$1,471,250

ADMINISTRATION  
\$3,603,750

HOUSING  
\$57,000,000

SINGLE FAMILY  
HOUSING  
&  
ELEVATIONS  
\$56,000,000

RENTAL REPAIR  
\$1,000,000

BUYOUTS  
\$10,000,000  
Buyouts are only  
available in  
Dillon, Horry and  
Marion



# SOUTH CAROLINA OFFICE OF RESILIENCE



**Housing  
Recoveries**

**Before and After**



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## Before



## After





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Before



After





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## Before



## After





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## Before



## After





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## Before



## After



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Before



After





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## Before



## After





# Before



# After





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## Before



## After





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## Before



## After



# SC-01554 - SOCASTEE

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Before



Before





# SC-01554 - SOCASTEE

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After



After



# SOUTH CAROLINA OFFICE OF RESILIENCE



## Mitigation Program

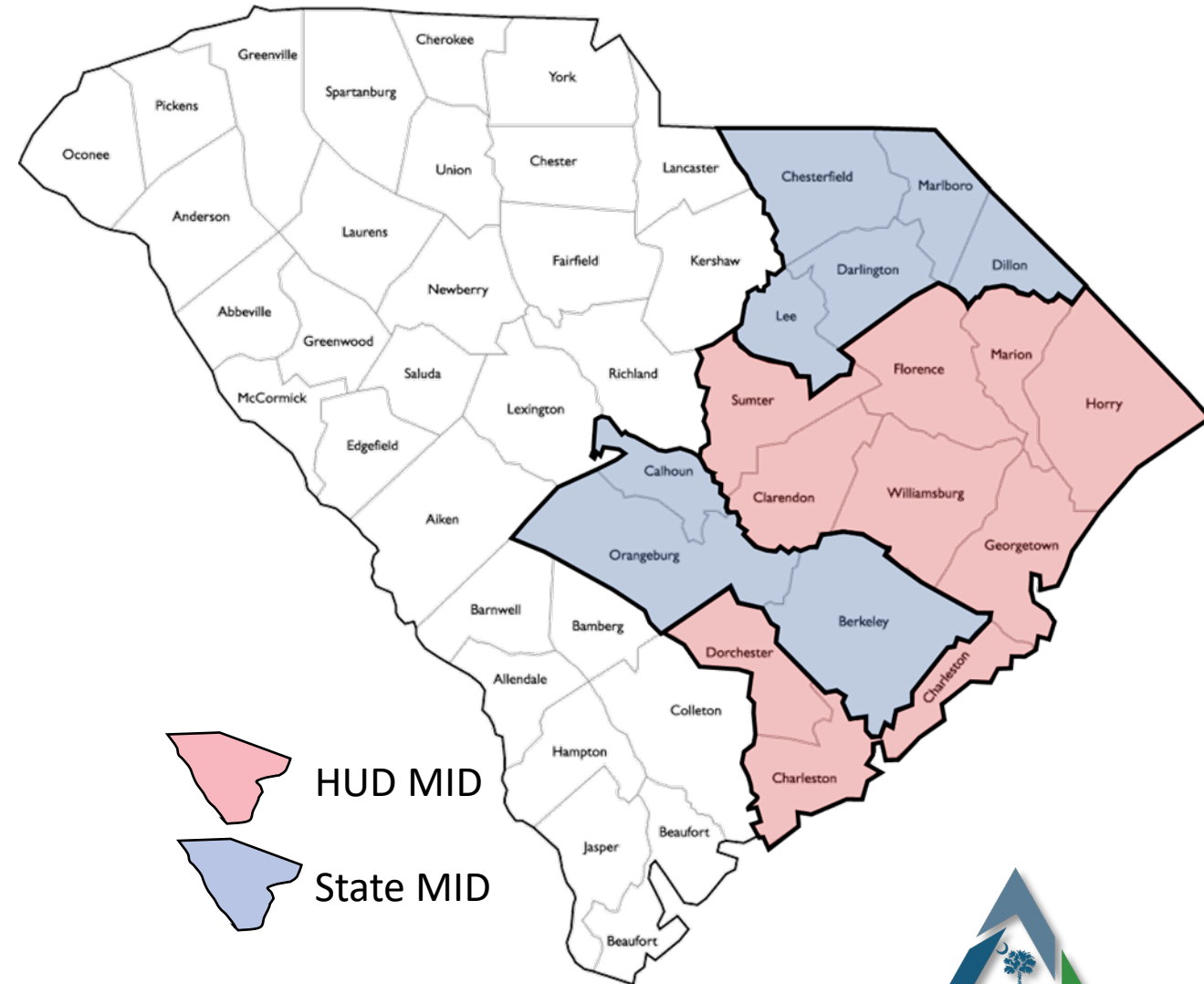


# CDBG-Mitigation

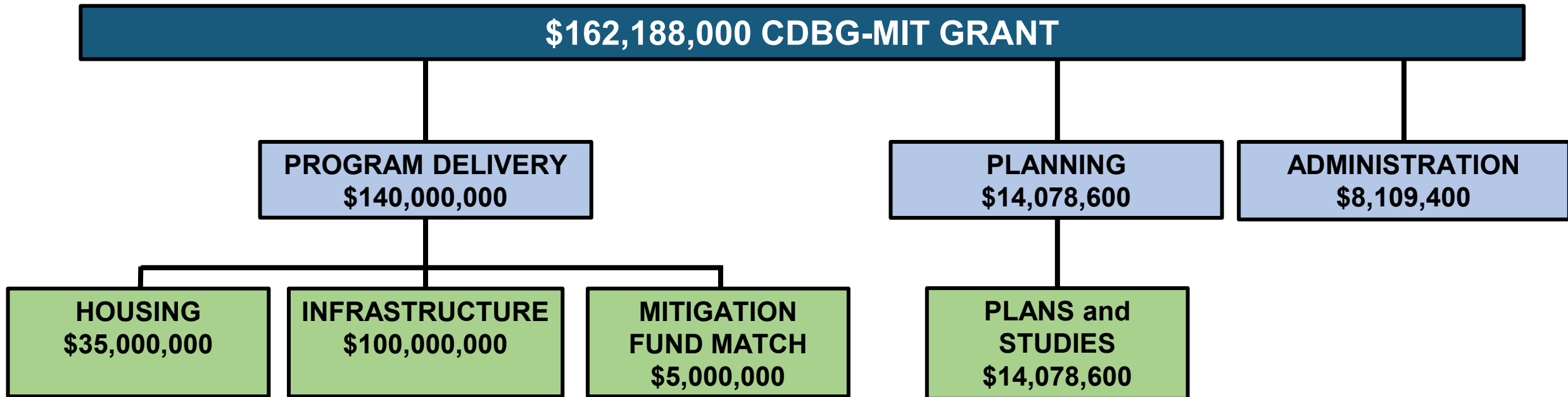
## Eligible Activities

***Activities that increase resilience to disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to and loss of property, and suffering and hardship, by lessening the impact of future disasters.***

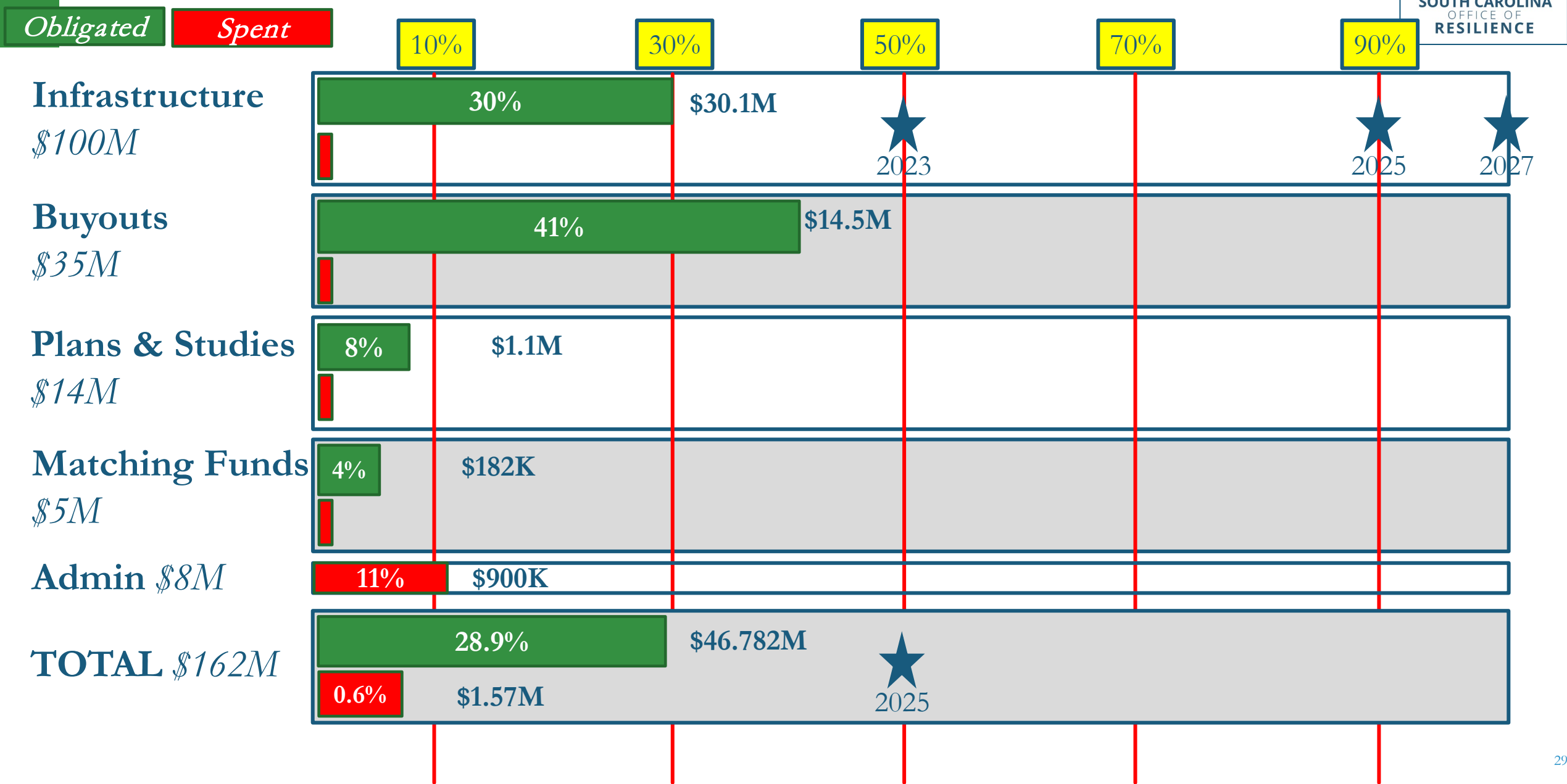
- Infrastructure
  - Public infrastructure to reduce future flood risks
    - Will not include maintenance projects
- Housing Buyouts
  - Targeted communities in the floodplain
  - Coordinated through counties & municipalities
- Plans and Studies
  - Update of FEMA-approved Local Hazard Mitigation Plans
  - Studies to identify potential flood reduction projects to be funded through the infrastructure activities
- Federal Match
  - Local match requirement for federal mitigation grants



# CDBG-Mitigation

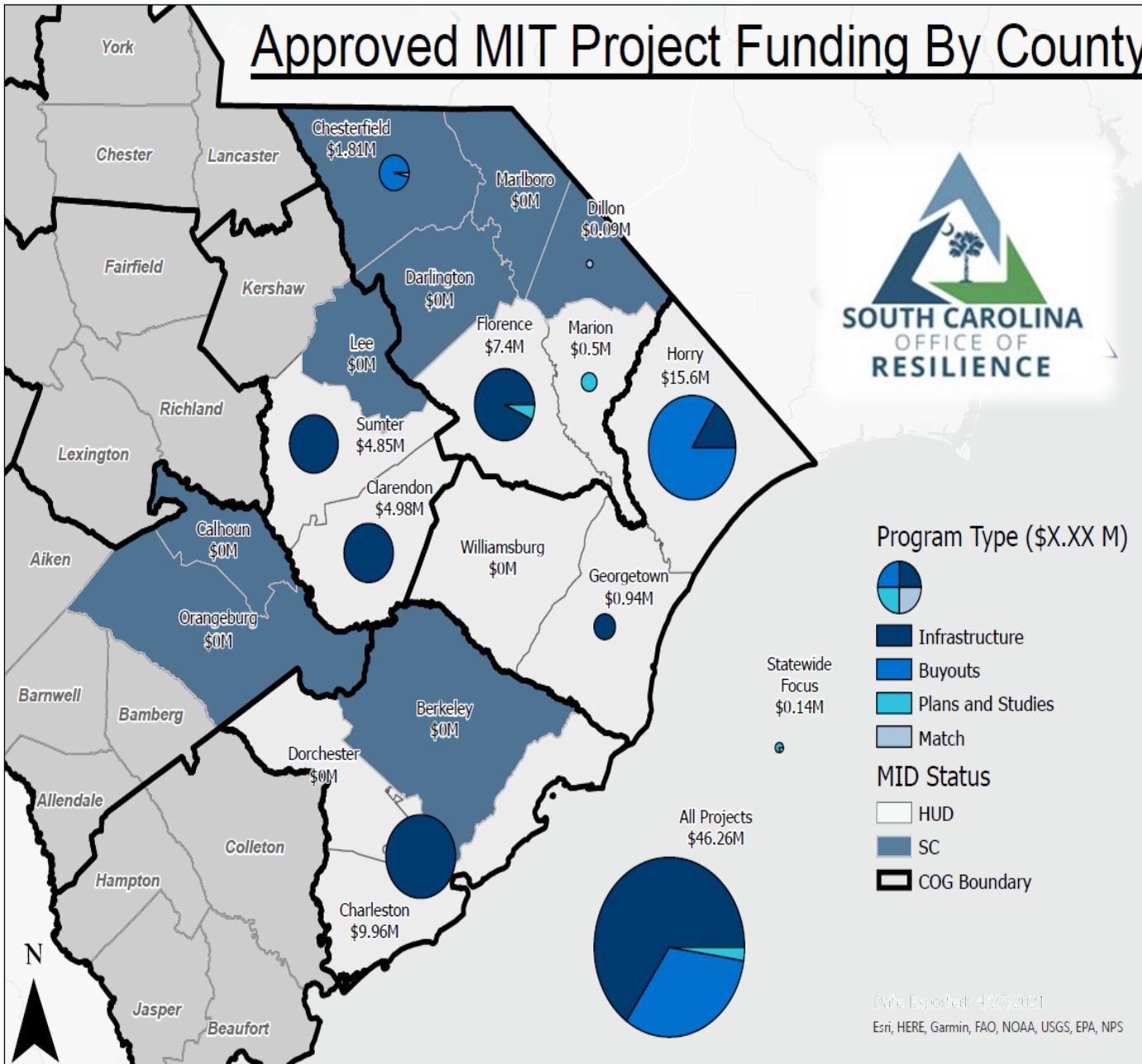


# Overview of Obligated Mitigation Funds



# Mitigation

## Approved MIT Project Funding By County



**CDBG-Mitigation Program**  
**Total Awarded: \$46M-30%**  
**Total Grant (Projects): \$154M**

Program	Funds Awarded	Number of Approved Projects
Infrastructure	\$30,105,720.00	11
Buyout	\$14,868,365.00	3
Plans & Studies	\$1,109,030.00	3
Match	\$181,612.50	4

# Approved CDBG-Mitigation Projects

Project ID	Infrastructure Projects	Project Type	County	Cost
IP-20-1001-01	Charleston- Ehrhardt Drainage	Hospital-Tunnel	Charleston	\$ 9,964,190.00
IP-20-2101-01	Florence- McQueen Street	Stormwater Infrastructure	Florence	\$ 2,685,334.00
IP-20-2101-02	Florence-West Cedar	Storm Drain Improvements	Florence	\$ 1,363,477.00
IP-20-2200-01	Georgetown County- Mingo Pond	Stormwater	Georgetown	\$ 939,529.02
IP-20-2600-01	Horry County- Big Bull Landing Road	Dam/Levee	Horry	\$ 893,750.00
IP-20-2600-03	Horry County- Cowford Swamp	Channel/Infrastructure	Horry	\$ 1,582,500.00
IP-20-2102-01	Lake City- HWY 52	Storm Drain Improvements	Florence	\$ 2,847,660.00
IP-20-1401-01	Manning- Storm Drainage Improvements	Stormwater Infrastructure	Clarendon	\$ 4,979,555.00
IP-20-4301-01	Sumter- Crosswell	Stormwater Infrastructure	Sumter	\$ 2,104,636.00
IP-20-4301-02	Sumter- Lafayette	Stormwater Infrastructure	Sumter	\$ 1,515,089.00
IP-20-4301-03	Sumter- Miller to Morgan	Stormwater Infrastructure	Sumter	\$ 1,230,000.00
Total Awarded				\$ 30,105,720.02
Total Budget				\$ 100,000,000.00

Project ID	Funds Match Projects	Project Type	County	Cost
MP-20-1701-01	City of Dillon- Stormwater Management Annex HMP	Plan Update/Plans & Studies	Dillon	\$ 60,000.00
MP-20-1700-01	Dillon County- Stormwater Study	Plan Update/Plans & Studies	Dillon	\$ 25,000.00
MP-20-5000-01	SCEMD- State Hazard Mitigation Plan Update	Plan Update/Plans & Studies	Multiple	\$ 30,750.00
MP-20-1301-01	Town of Cheraw- Stormwater Master Plan	Plans & Studies	Chesterfield	\$ 65,862.50
Total Awarded				\$ 181,612.50
Total Budget				\$ 5,000,000.00

Project ID	Plans & Studies Projects	Project Type	County	Cost
PP-20-5000-02	SCEMD- HIRA	HMP Update Study	Multiple	\$ 109,030.00
PP-20-3300-01	Marion County- Stormwater Master Plan	Study	Marion	\$ 500,000.00
PP-21-2101-01	Town of Pamplico- Stormwater Study	Study	Florence	\$ 500,000.00
Total Awarded				\$ 1,109,030.00
Total Budget				\$ 14,078,600.00

Project ID	Buyout Projects	Project Type	County	Cost
BP-20-2600-01	Horry County Buyout	Buyout	Horry	\$ 13,120,685.00
BP-20-1301-01	Town of Cheraw- Huckleberry Creek Neighborhood	Buyout	Chesterfield	\$ 1,747,680.00
Total Awarded				\$ 14,868,365.00
Total Budget				\$ 35,000,000.00



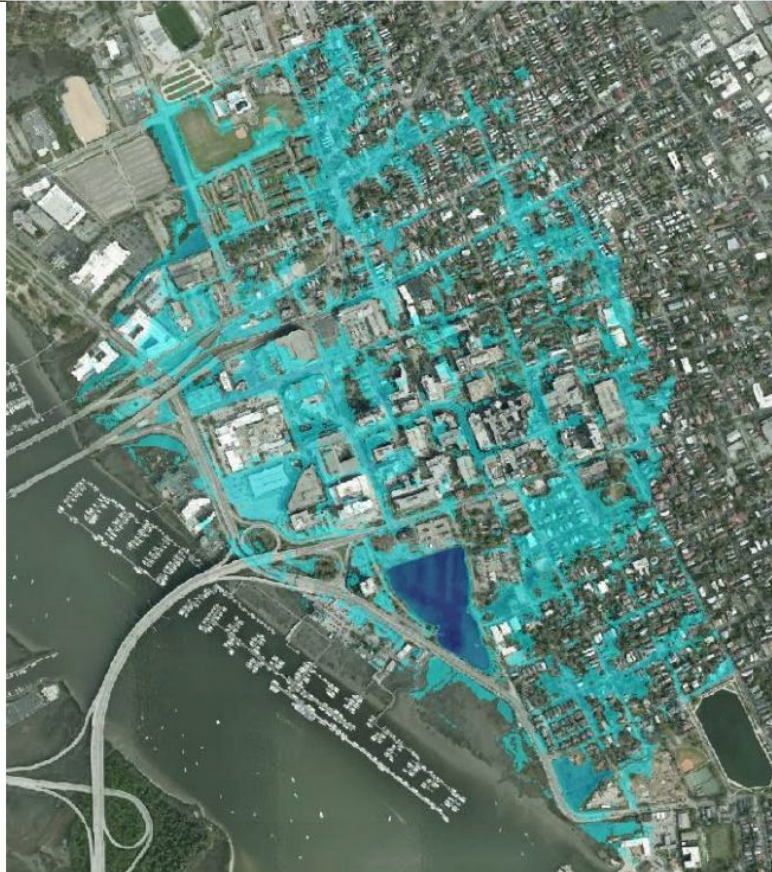
# Project Highlight: City of Charleston – Medical District Project (Ehrhardt Tunnel)

Drop shaft tunnel extension and vortex chamber to connect Ehrhardt Street drainage to the tunnel system, significantly reducing major flooding in the Medical District of the City of Charleston

BEFORE MITIGATION



AFTER MITIGATION



# SOUTH CAROLINA OFFICE OF RESILIENCE



## **The South Carolina Disaster Relief and Resilience Act**

(Effective 29 September 2020)



# Disaster Relief and Resilience Act

## SC Code §48-62-10

- Creates the South Carolina Office of Resilience
- Chief Resilience Officer is appointed by the Governor with the advice and consent of the Senate
- Mandates the development of a Statewide Resilience Plan
- Creates a Disaster Relief and Reserve Fund
- Creates the Resilience Revolving Fund
- SCDRO moves from under Admin to under Office of Resilience



# South Carolina Office of Resilience is Authorized To:

- Develop and implement a Strategic Statewide Resilience and Risk Reduction Plan
- Operate the Disaster Relief and Resilience Reserve Fund
- Operate the South Carolina Resilience Revolving Fund to provide loans and grants to local governments for housing buyouts
- Coordinate statewide disaster recovery efforts and collaborate between federal, state, and local stakeholders
- Provide technical planning and assistance for state and local governments
- Provide grants to institutions of higher learning and other state and local governments to conduct resilience research





Questions?