



CHARLOTTE COUNTY STRONG

Hurricane Ian: Long-Term Recovery Plan

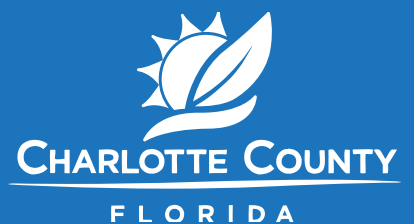




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Long-Term Recovery Plan Insights and Methodology

What is a Long-Term Recovery Plan?

A Long-Term Recovery Plan is a shared roadmap for a community to embark on following a disaster. It is not a list of the buildings to be repaired, it is a reimagining of what is possible. It is an opportunity for our stakeholders, leaders and residents to create a vision of what our community could look like: to be more resilient, address critical shortfalls, and restore economic growth. This plan includes contextual information about Hurricane Ian and its impact on Charlotte County, existing resources, community systems, resident input on priorities and well-being, and a list of projects that are recommended for long-term recovery. The list of projects is not comprehensive as community healing takes time and can change. This document is intended to be a guide that evolves over the course of this journey.

How to use the Plan

The major objective of this plan is to present a recovery and rebuilding path that invests in the community with a vision that conveys the needs of a community open for business, investment, and growth. A community being reborn and rebuilt with a focus on resiliency. A community with a strategically planned and calculated future. A growing trend in disaster recovery is to create a plan with a foundation rooted in economic recovery. A successful recovery must also consider a paradigm shift of planning and resource use considering more than just federal and state assistance. The Long-term Recovery Plan will be used as a tool that ties together the federal, state, and local recovery efforts with the resources of the private sector and non-profit organizations. Having a unified recovery plan will help tell the narrative of how Charlotte County and its components were affected by Hurricane Ian, give clear direction in providing a pathway to recovery and provide focus to mitigating the adverse impact of future events on the community.

Recovery plans are continually evolving. As recovery efforts become more comprehensive, the plans that guide them are becoming more inclusive and based on a broader set of initiatives. Historically, disaster recovery was guided by an emergency management plan. This helped a community to plan and react more efficiently to an event based on lessons learned from previous disasters. Economic recovery plans have taken a more prominent position in the recovery process as more resources are expended on recovery. The Long-term Recovery Plan focuses on all aspects of rebuilding a community while the emergency management plans are being implemented.

This plan considers economic recovery as well as community recovery. For a community to appropriately recover it must include a plan that supports all aspects of the community. This includes housing, livability, education, health and social services, natural and cultural resources and the capacity.



Methodology Utilized in Developing the Plan

When considering the scope of devastation left in the wake of Hurricane Ian and the efforts that will be required to recover, the Task Force was given a challenging mandate.

The first step for the Task Force was to assess the entire community. This included conducting an assessment of where the community was before the event, how the event impacted each segment of the community and where the community is today. With this assessment in hand, the Task Force will process sufficient information to implement a long-term community recovery plan that will guide the process of recovery for a period of years.

To develop this plan, multiple work streams were ongoing simultaneously. Each branch worked to identify how the community's ability to respond to the event and what the community could do to mitigate the impact of future events.

Finally, each branch assessed what the community can do to respond to the immediate post event needs and recover from the event in such a fashion that the community emerges stronger, and more resilient as a community.

Community Outreach

The Long-term Recovery Steering Committee is essentially a community-wide organization. Each member chaired or co-chaired a recovery taskforce.

Public input has been critical to driving the plan's formulation. Community members were able to give insight to projects that would positively impact

the entire community. But most importantly, these individuals were able to give insight to localized concerns and initiatives. Local investors and landowners offered insight to plans and projects being considered and developed that would shape potential incentives and identify growth areas that can be fostered and supplemented in the recovery process. These meetings also helped identify areas of unmet need that could potentially be addressed through federal and state programs, supported by local initiatives.

The Long-Term Recovery Task Force is committed to helping our community recover from the devastating impacts of Hurricane Ian. The Task Force provided multiple opportunities for citizens and stakeholders to involve themselves in the creation of this plan. The Long-Term Recovery Unmet Needs Group has focused outreach efforts to facilitate participation from Low-Moderate Income (LMI) individuals living in areas identified for recovery and other disadvantaged populations.

The Long-Term Recovery Steering Committee intentionally met with and requested input, unmet needs information, and projects from the City of Punta Gorda and Charlotte County Public Schools.

The Long-Term Recovery Taskforce consulted with key stakeholders such as elected and appointed officials, including county managers, commission board members, and emergency management personnel, to understand unmet needs and to get feedback on crafting programs to best meet the needs of the impacted areas as efficiently and effectively as possible. Consultation with key local stakeholders helped these stakeholders understand what to expect and allowed them to play a key role in shaping the outcomes of this Plan.



The mission of the Long-Term Recovery Group is to coordinate resources and services to support the recovery and resilience of Charlotte County and its residents impacted by Hurricane Ian.

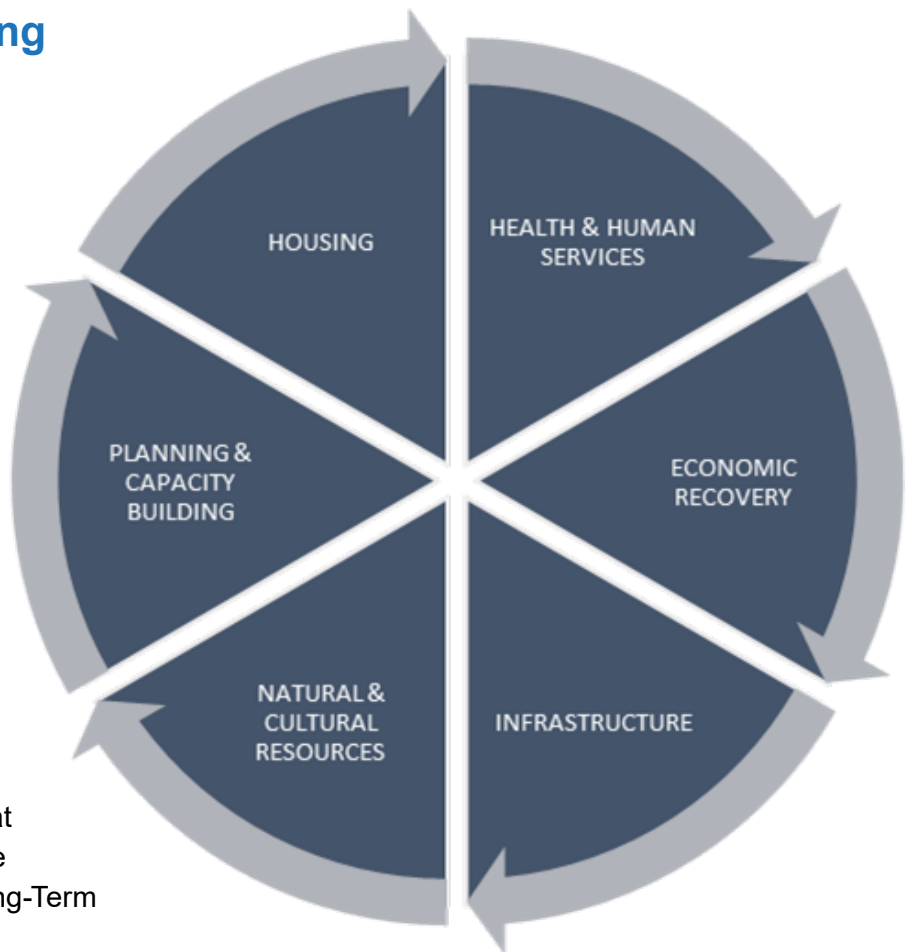
Long-Term Recovery Steering Committee & Task Forces

On Dec. 2, 2022, the steering committee held a Stakeholder Kick-off Meeting at the Family Services Center (21500 Gibraltar Drive, Port Charlotte) to begin the formation of the Task Force Process. The group elected themselves to the following areas: Housing, Health and Human Services, Economic Recovery, Infrastructure, Natural and Cultural Resources, and Planning & Capacity Building.

Task Force Groups met weekly and began the process of assessing needs and drafting Recovery Projects.

On Jan. 25, 2023, the steering committee brought all the Task Forces back together at the Emergency Operations Center, to share their work and begin the creation of the Long-Term Recovery Plan.

Opportunities for citizen input were provided throughout the planning process via a survey, which was sent to stakeholders to assist in determining the unmet needs in the affected areas, as well as in-person visits to community leaders to request feedback regarding unmet needs. Outreach was in the form of community workshops, social media posts, and various advertisement distributions. Additionally, the LTRG held public citizen and stakeholder workshops in all three areas of the county to hear directly from citizens about their unmet disaster recovery needs following Hurricane Ian.



Who We Are

The Charlotte County Long-Term Recovery Steering Committee is comprised of the following individuals:

- Patrick Fuller, Charlotte County Emergency Management
- Angela Hogan, Gulf Coast Partnership
- Doug Izzo, Englewood Chamber of Commerce
- Nancy Johnson, TEAM Punta Gorda
- Joseph Pepe, Florida Department of Health Charlotte County
- Carrie Walsh, Charlotte County Human Services

We want to offer a special thank you to recognize the incredible work by the entire Charlotte County Emergency Management Team: Ashlyn Gamble, Bradley Geelen, Brandon Watkins, and Ellen Pinder as well as Ashley Maher, former CEO of the Charlotte Community Foundation. In addition, FEMA Interagency Recovery Coordination's Community Assistance Team & AmeriCorps FEMA Corps assisted in community outreach and particularly data collection and analysis.



Special thanks to the following organizations for participating in Recovery Taskforces:

Area Agency on Aging	Drug Free Charlotte County	North American Lutheran Church Disaster Response
Bayfront Health	Early Learning Coalition	Our Hearts of Hope
Boys & Girls Club	Englewood Cape Haze Chamber of Commerce	Patterson Foundation
Catholic Charities Diocese of Venice	Englewood Community Coalition	Peace River Community Housing Partners
Center for Abuse & Rape Emergencies	FEMA	Praying Pelican Missions
Central Florida Behavioral Health Network	Florida Department of Children & Families	Punta Gorda Chamber of Commerce
Charlotte Behavioral Health Care	Florida Division of Emergency Management	Punta Gorda Fire
Charlotte Community Foundation	Florida Department of Health Charlotte County	Punta Gorda Housing Authority
Charlotte County Government	Florida Presbyterian Disaster Assistance Network	Punta Gorda Rotary Club
Charlotte County Chamber of Commerce	Florida SouthWestern State College	Salvation Army
Charlotte County Habitat for Humanity	Florida United Methodist Church	St Vincent dePaul CARES
Charlotte County Healthy Start Coalition	Gulf Coast Community Foundation	St Vincent dePaul Sacred Heart & St Charles
Charlotte County Homeless Coalition	Gulf Coast Partnership	St Vincent de Paul Disaster Services
Charlotte County Public Schools	International Orthodox Christian Charities	St. Bernard's Parish
Charlotte County Sheriff Department	Jewish Family & Childrens Services of the Suncoast	Team Punta Gorda
Charlotte County YMCA	Kiwanis Club of Port Charlotte	Team Rubicon
Charlotte Desoto Building and Industry Association	Kiwanis Club of Punta Gorda	United Way of Charlotte County
City of Punta Gorda Government	Lion's Club	Valeries House SWFL
City of Punta Gorda Police	Lutheran Services of SWFL	Virginia B. Andes Volunteer Community Clinic
Community Assisted and Supported Living	Meals on Wheels of Charlotte County	Volunteer Florida Foundation
	Nix Commercial Real Estate	Wintergarden Presbyterian Church

Executive Summary

Identifying and Realizing Charlotte County's Long-Term Recovery Vision

On Sept. 28, 2022, Charlotte County endured the fifth strongest hurricane to make landfall in U.S. history. Making landfall as a category 4, Hurricane Ian caused significant damage to all areas of Charlotte County and our neighboring counties. Even after almost a year of recovery efforts, organizations and government agencies are working tirelessly to help people who are struggling. The full extent of Ian's destruction is still difficult to quantify. The data utilized in the creation of this report has been standardized as much as possible to reflect the period of Sept. 28, 2022, through June 15, 2023.

In the midst of responding to the community's immediate concerns like securing essential elements of infrastructure, local organizations and community leaders were already thinking about the county's future. Weeks after Ian made landfall, the Charlotte County Long-Term Recovery Steering Committee was formed. In the following months, the Long-Term Recovery Group has worked with and received support from Federal, State, and Local Governments and organizations to formulate an actionable vision for a resilient future for our community.

Southwest Florida and Charlotte County specifically are vulnerable to storm surge caused by tropical systems. This vulnerability stems from low elevation, the contours of our coastline and the bathymetry of the Gulf of Mexico. In advance of Hurricane Ian, the National Hurricane Center placed storm surge watches and warnings along the west coast of Florida from the Anclote River south to the Keys due to the high threat associated with the large slow-moving Ian. The final peak storm surge forecast was 12 to 18 feet from Englewood Beach south to Bonita Beach.

Those catastrophic levels of storm surge were not realized in Charlotte County but unfortunately were for our neighbors to the south. Pine Island, Sanibel and Captiva Islands, Estero Bay, and upriver into

the Caloosahatchee all experienced varying levels of storm surge with Fort Myers Beach and Estero Island receiving the highest totals between 10 and 15 feet. Water accounts for 88% of deaths associated with tropical weather, with 60% specifically attributed to storm surge and those grim statistics played out in late September 2022. Had Ian tracked slightly farther north, the water brought onshore in Lee and Collier Counties would have been experienced here in Charlotte County. This near-miss of life-threatening storm surge in our community highlights the importance of educating our public on the dangers and finding ways to lessen the impact of future events.

During the last week of August 2023, the west coast of Florida was again within the error cone for a potentially devastating hurricane, Idalia. Although the center of Idalia never came closer than 150 miles from Charlotte County, the size of the storm coupled with the strong onshore winds and above normal tides resulted in between 3.5 and 4 feet of storm surge well after Idalia moved north of us. More than 100 properties experienced water intrusion and several county parks and beaches were damaged from erosion and flooding. The damage qualified Charlotte County for a presidential disaster declaration for both Individual and Public Assistance (All categories). These impacts from a storm that tracked far west of the county are reminders of our vulnerability.

This plan incorporates the valuable input provided by the thousands of Charlotte County residents who participated in our public meetings, open surveys, and individual interviews. This public input, coupled with the experience of our community leaders, aided our ability to highlight the barriers to overcome to make our community a more resilient places to live.

As Charlotte County gradually transitions into the long-term phase of the recovery process, we remain critically aware of the fact that recovery starts and ends on a community level. Hurricane Ian was nothing short of an exceptional storm, but the response and continued efforts by the City of Punta Gorda and Charlotte County have been nothing short of exceptional as well. This plan has the potential to guide a historic recovery of our community and its residents for decades to come.

Countywide Impacts and Critical Needs

Over the course of the last year, several common themes emerged as critical areas necessary for long-term recovery. Through community outreach, workshops, surveys, taskforces and meetings the Long-Term Recovery Steering Committee engaged with thousands of residents and captured project ideas that reflect the importance of taking action based on the collective voice of our community. These critical components include:

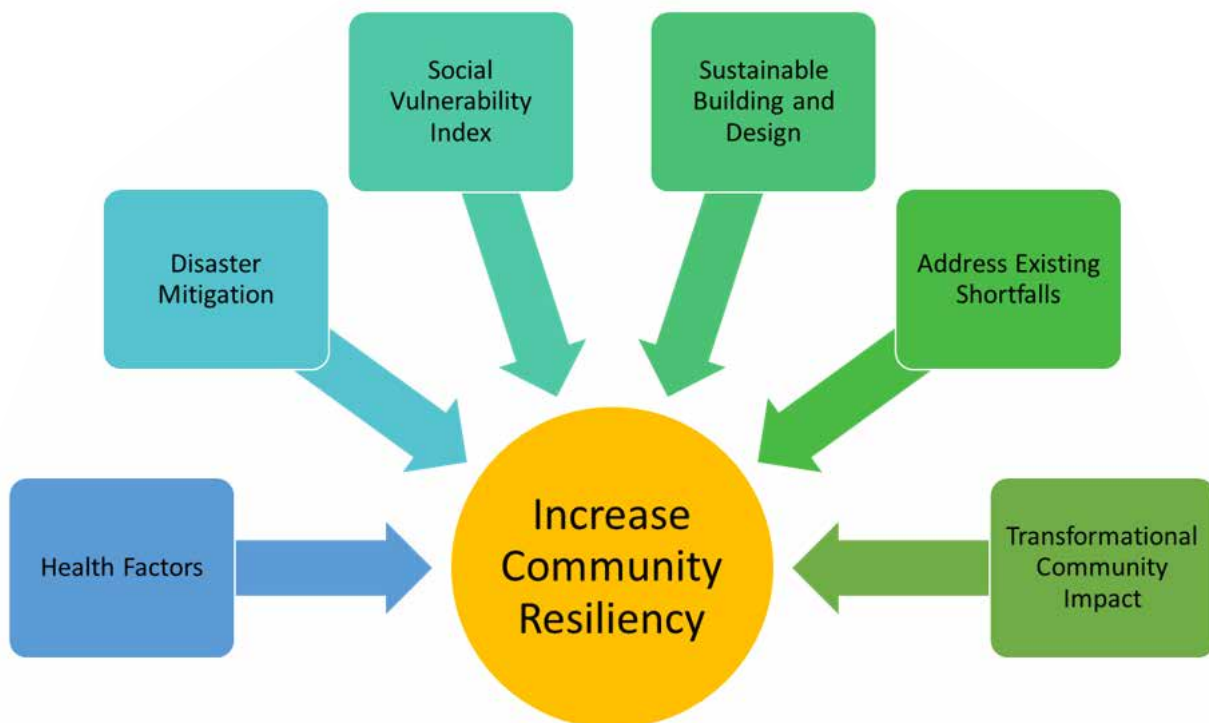
Resiliency & Sustainability

Incorporating strategies for smart growth, protecting the natural environment, investing in resilient infrastructure, prioritizing shelters and other activities that enhance community safety are the bedrock of creating a resilient community. But resiliency isn't just for buildings and roads, residents must also be resilient. Preparation, response and recovery are the responsibility of our community members and local government. Strategies to improve support for our vulnerable and aging population, while also seeking funding and resources to expedite projects to keep pace with growth are critical.

- Prioritize the improvement and maintenance of safe evacuation routes
- Invest in emergency shelters for special needs, general population residents and disaster responders
- Create community wide plans and strategies for resilience to climate impacts and extreme weather events and leverage those plans to enhance our infrastructure and mitigate against future disaster impacts
- Prioritize innovation and economic development workforce supports (childcare, housing, etc.)
- Increase COAD membership and organizational capacity

Communication & Education

- Continue to educate the community about preparedness and recovery
- Create and educate about Info Hubs-places in the community that will have critical safety and recovery information and support following an event
- Create alternate communication outlets and messaging without technology



Mental & Physical Health Care Access and Capacity

- Improve access to care by increasing the number of mental health service providers
- Further increase the number of mental health in-patient and out-patient beds
- Increase pediatric care capacity
- Explore possibilities for Trauma Hospital and University
- Continue to support mobile care

Insurance

Though not within local control, insurance issues have exponentially compounded the suffering of our residents. State leaders are urged to address this critical failing with the insurance industry.

Vulnerable Populations

According to Oxfam America and the Hazards and Vulnerability Research Institute, Charlotte County ranks in the top 20% in the nation for social vulnerability to environmental hazards.¹ Our high percentage of elderly residents, disabled, low-income and transportation disadvantaged citizens as well as our proximity to warm gulf waters and flood zones makes our situation undoubtedly more challenging.

- Build capacity and increase programming aimed at our aging population, including technology
- Create programs that bolster preparation and recovery for vulnerable populations
- Cultivate innovative approaches to addressing community shortfalls
- Invest in centers and enrichment for youth to gather, socialize, and learn
- Increase access to healthy meals through another bus for Camps Café and increased support of Meals on Wheels

Housing

Prior to Hurricane Ian, affordable and attainable housing in Charlotte County was identified as a critical need and increasing inventory was identified as a bold goal by the Board of County Commissioners. While both the State and FEMA have mobilized resources, the short-term and intermediate housing needs of our community are strained beyond the limit of what we can accommodate. As a result of Hurricane Ian many residents have been displaced. Our most vulnerable populations, specifically low income, disabled and the elderly, have been most impacted. Four low-income senior apartment buildings sustained serious to devastating damages from the storm.

- Rebuild and increase affordable housing stock for socially vulnerable residents is a critical component to creating a resilient community.

Outlook

In the aftermath of a storm as devastating as Hurricane Ian there is uncertainty, loss, and complex challenges to overcome-but there are also opportunities. Capitalizing on the resources that become available following natural disasters is critical, but equally important is coming together as a community to reflect on what worked, what didn't, and lessons learned. This community has been through several major storms, including direct impacts from both Hurricane Charley and Ian in the last 20 years. We know firsthand that with boldness and focus we can come out better than ever.



Immediate Response & Assistance

Hurricane Ian made landfall in Cayo Costa, Florida on Sept. 28, 2022, as a Category 4 hurricane with winds of 150 mph and a minimum pressure of 941 millibars, later re-categorized as a Category 5. Devastation from the storm was widespread across the Florida peninsula, including catastrophic storm surge and extreme winds in Southwest Florida to strong winds, heavy rain, and widespread flooding across Central Florida. The storm surge brought destruction from Charlotte to Monroe Counties and flooded thousands of homes and businesses that had never flooded before.²

About 90 minutes after initial landfall, at 4:35 p.m. (EDT) on Friday, Sept. 28, 2022, Hurricane Ian made a second landfall near Punta Gorda, Florida, with estimated winds of 145mph and a minimum pressure of 945 millibars. Hurricane Ian followed a path remarkably similar to the path of Hurricane Charley in 2004. Hurricane Ian was a larger storm with significantly greater impacts throughout Southwest Florida. Hurricane Ian is the costliest hurricane to ever impact Florida, causing more than \$110 billion in damages.³

As a result of the impacts of Hurricane Ian, a Presidential Disaster Declaration DR 4673 was signed for the State of Florida on Sept. 29, 2022. The hurricane's impacts were exacerbated by an existing housing shortage, necessitating both FEMA Individual Assistance and FEMA Public Assistance.

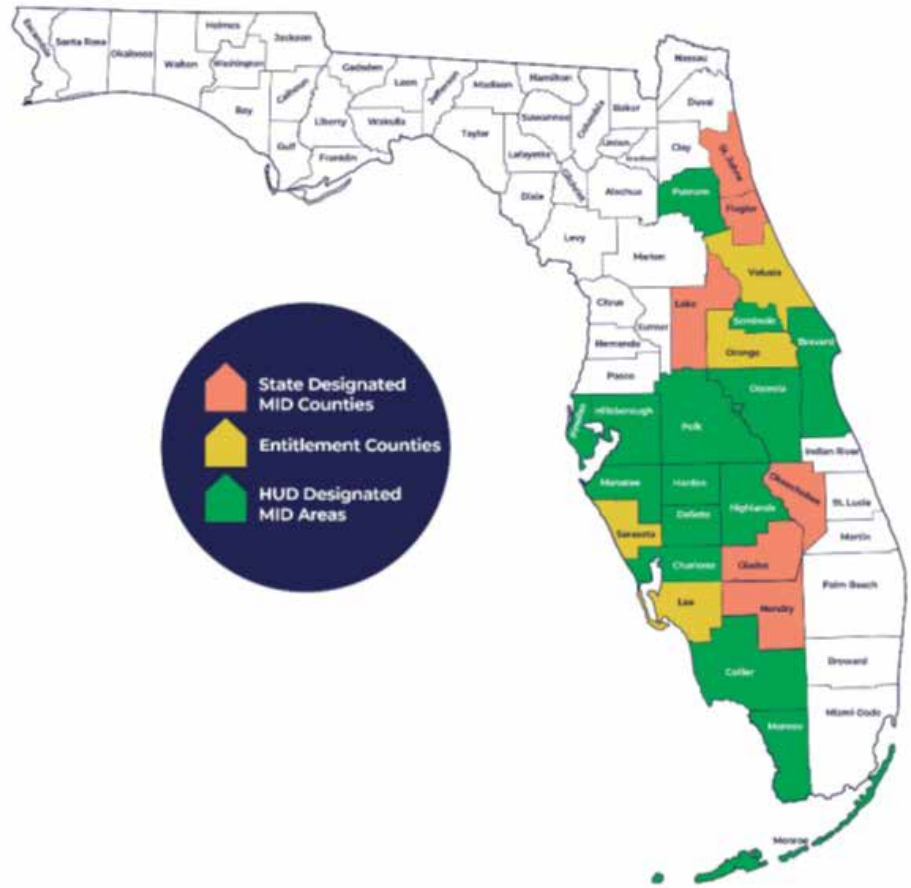


Figure 1: HUD Hurricane Ian Most Impacted and Distressed (MID) Communities as well as State-Identified MID Counties

Peak wind gusts of 111mph were measured near the Punta Gorda airport on Sept. 28. Intense winds in Port Charlotte led to the failure of a roof at HCF Florida Fawcett Hospital and caused an immediate need to evacuate ICU patients into safer floors of the hospital.

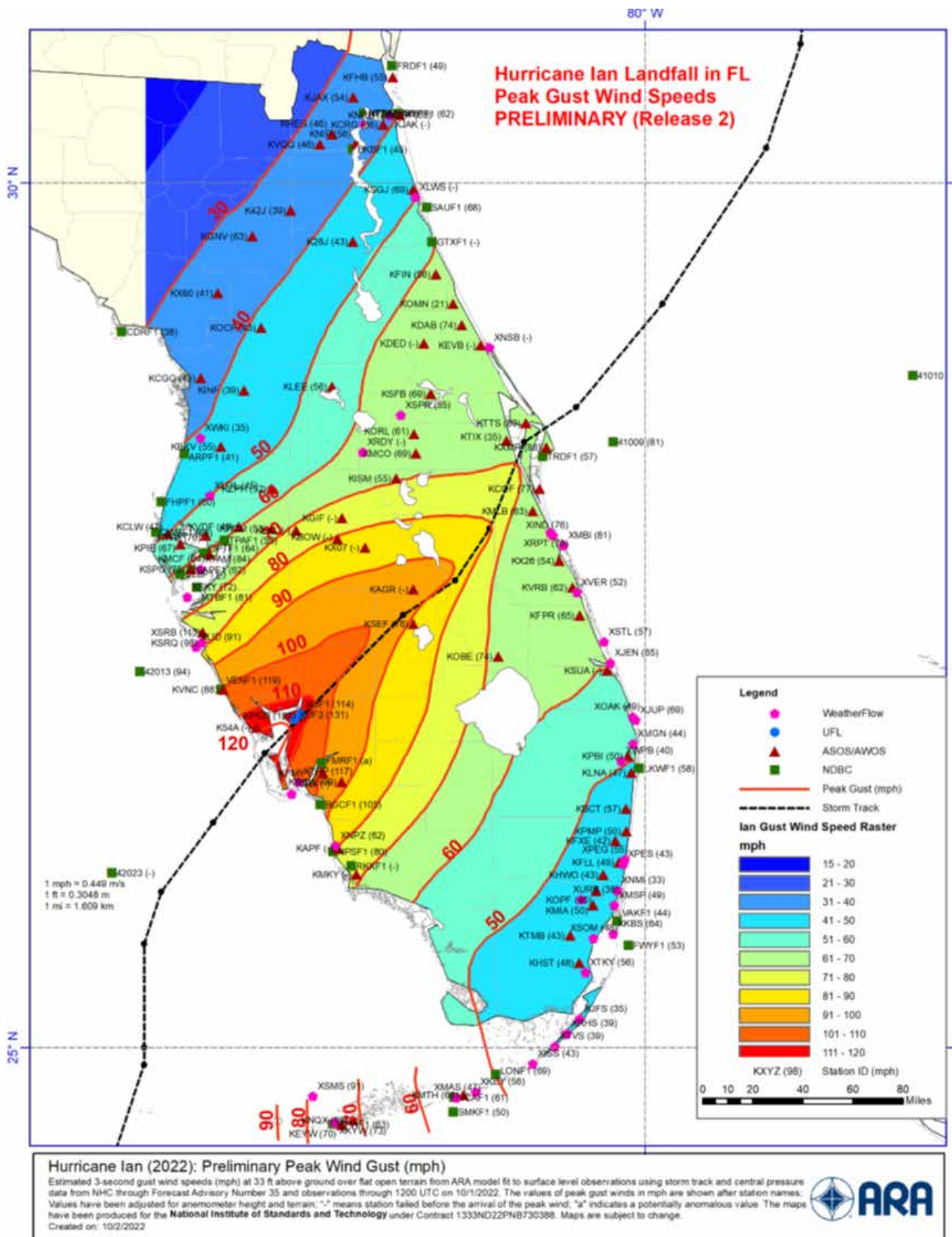


Figure 2: Hurricane Ian estimated peak wind gusts based on anemometer observations⁴

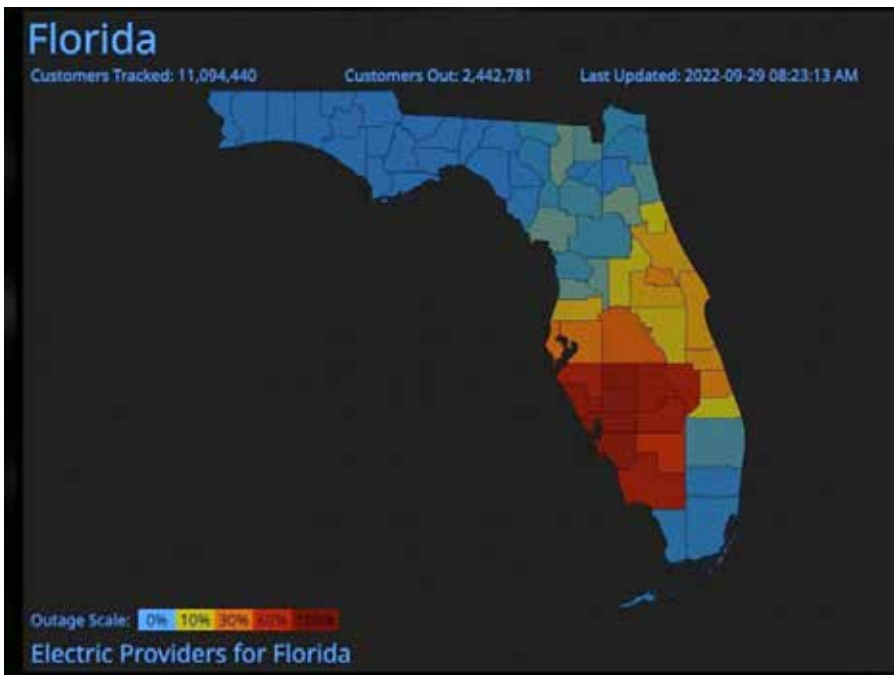


Figure 3: Estimated power outages following Hurricane Ian (www.poweroutage.us)

A point in time calculation from Sept. 29, 2022 estimated that 2.4 million Floridians were without power, however, the peak of outages on Sept. 29, 2022, more than 4 million customers in Florida lost power due to Hurricane Ian, and almost 400,000 customers remained without electricity by Oct. 3, 2022.

The large size and slow northeastward movement of Hurricane Ian brought torrential rain and freshwater flooding across Southwest, Central, and Northeast Florida, with the storm's highest total rainfall of 26.95 inches in Grove City on the immediate north side of the storm's track. "Widespread, life-threatening catastrophic flooding, with major to record river flooding"⁵⁶⁷

occurred along a 415-mile swath of Florida. In some locations the storm was estimated to have produced more than double the amount of rain expected in a 100-year storm.

Additionally, the impacts of climate warming were estimated to have contributed an additional 10 percent to the storm's total rainfall. In Southwest to Central Florida, including the counties of Charlotte, Sarasota, Hardee, Polk, DeSoto, and Manatee, record flooding occurred on the Peace River, Myakka River, Alafia River, and Horse Creek as rainfall totaled more than 20 inches.

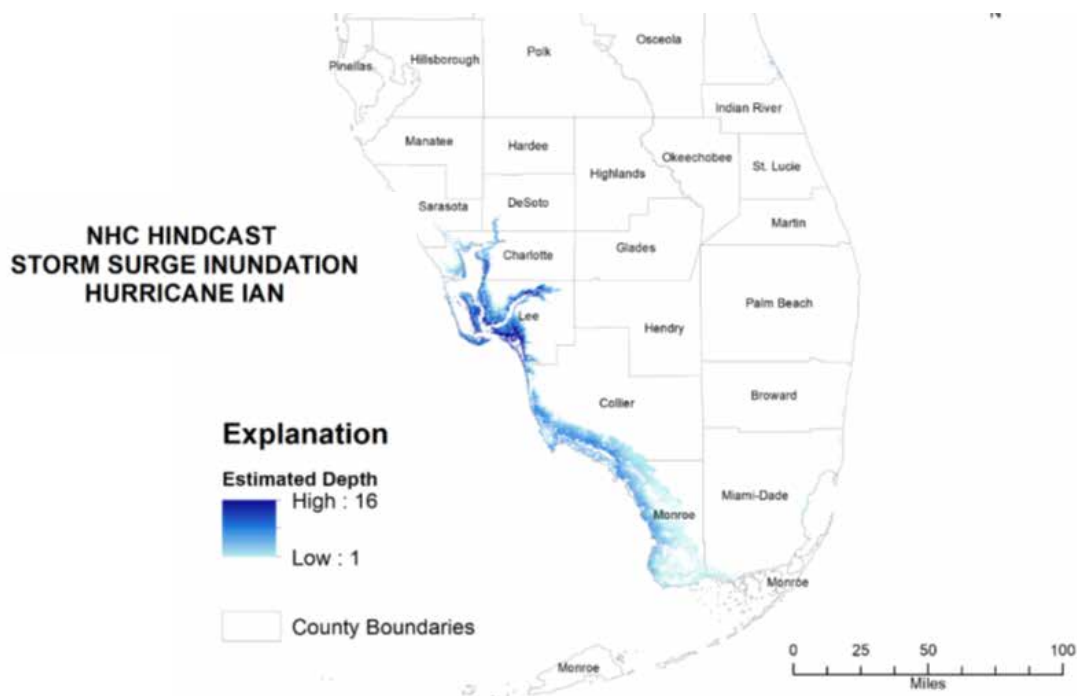


Figure 4: Estimated storm surge inundation from Hurricane Ian

Immediate relief and response efforts focused on providing emergency shelter and temporary housing for displaced residents, expediting the repair or replacement of damaged homes to ensure safe and habitable living conditions, collaborating with nonprofit organizations and government agencies to address immediate housing needs.

Charlotte County's Disaster Shelter opened on Oct. 8, 2022 and within 10 weeks the Multi-Agency Shelter Transition Team (MASTT) located stable housing for over 180 survivors. A MASTT Team provides a variety of assistance and resources through a one-stop site where disaster victims interview with numerous agencies to jump-start their individual journeys toward recovery.

The Charlotte County MASTT included representatives from FEMA, Gulf Coast Partnership as HUD CoC Lead, Florida Division of Emergency Management, Charlotte County Human Services, Charlotte County Community Services, American Red Cross, Charlotte County Emergency Management, Plexos Group, and the Florida Department of Children & Families.

The COAD and community partners identified and implemented housing solutions for families displaced by the disaster, including those currently residing in tents and temporary structures and utilized FEMA and State of Florida Division of

Emergency Management temporary travel trailers and undamaged hotel inventory as short-term housing options.

- 1,316,500 meals served
- 25,000 calls handled within 2 weeks
- 22,548 tarps distributed
- 46,540 cases of water & 25,932 bags of ice
- 8,190 Disaster Supplemental Food Stamps
- 2,643 Transitional Shelter Assistance (TSA)
- 15,362 residences cleaned, mucked, & gutted

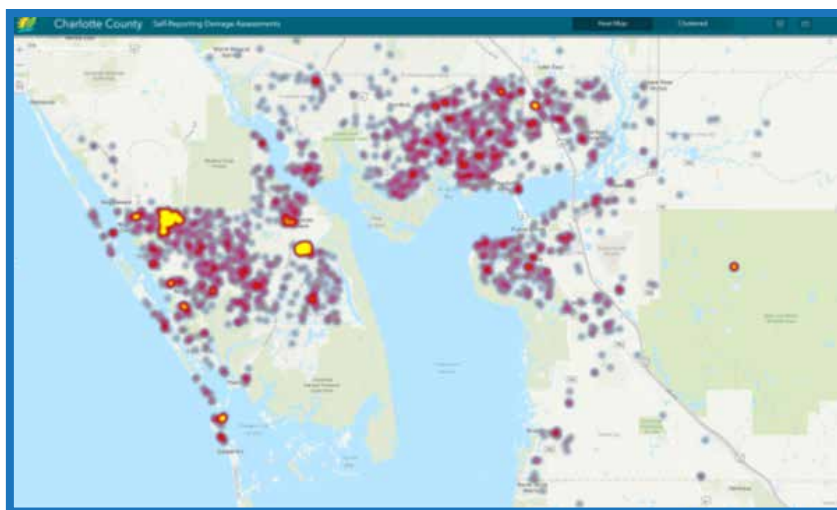


Figure 5: Charlotte County residents self reported damages

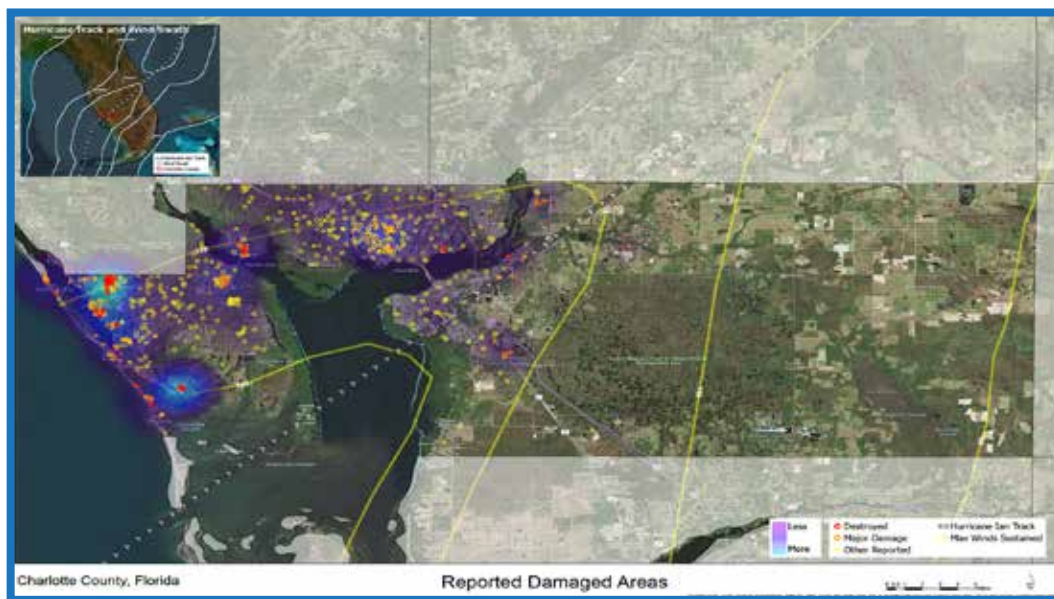


Figure 6: Charlotte County self-reported damages and hurricane track and wind swath



Figure 7: Charlotte County self-reported damages

Scope of Impact

- 30,939 Roofing permits from Oct. 2022 through June 15, 2023
- 2,719 Pool cage permits by month from Oct. 2022 through June 15, 2023

Before Hurricane Ian (1/1/2022 - 9/30/2022)

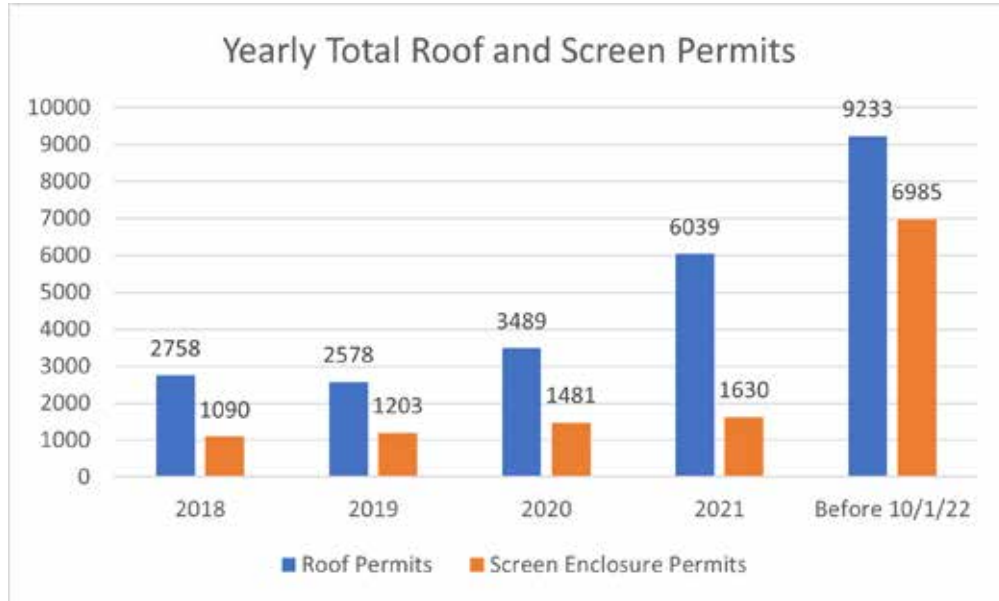


Figure 8: Charlotte County yearly total roof and screen permits (Community Development Department)

After Hurricane Ian (10/1/2022 - 6/15/2023)

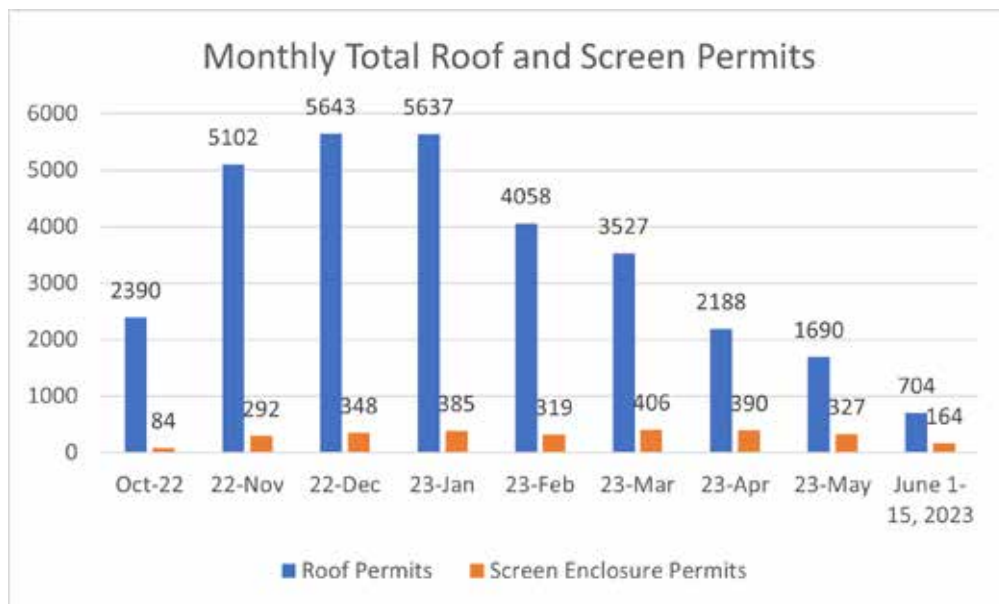


Figure 9: Charlotte County monthly total roof and screen permits (Community Development Department)

Hurricane Ian caused extensive damage to housing, as documented in preliminary damage assessments and in post-event inspections through the FEMA assistance and insurance programs. Damage to roofs and siding from high winds was widespread.

Unmet housing needs is calculated as the number of housing units with unmet needs, times the estimated cost to repair those units, minus repair funds already provided. However, because complete data on impacts after major disaster events are difficult to obtain or do not exist comprehensively across a disaster area, HUD has stated that empirically justified calculations may be used to determine the average cost to fully repair a home.

Generally, this is accomplished by using the average real property damage repair costs determined by the SBA for its disaster loan program for the subset of homes inspected by both SBA and FEMA. Because SBA is inspecting for full repair costs, it is presumed to reflect the full cost to repair the home, which is generally more than the FEMA estimates on the cost to make the home habitable.

Previously approved impact assessment methodologies have utilized a combination of SBA estimates of damage and repair needs, FEMA IA Housing Assistance data, and National Flood Insurance Program (NFIP) claim and payment information to triangulate total impacts and unmet needs as opposed to relying only on FEMA-verified losses.

Utilizing SBA damage estimates provides a more comprehensive look at recovery costs than looking only at FEMA inspected damage. SBA sends “construction specialists” trained to evaluate a more complete cost of repairing or replacing a damaged structure to each applicant,

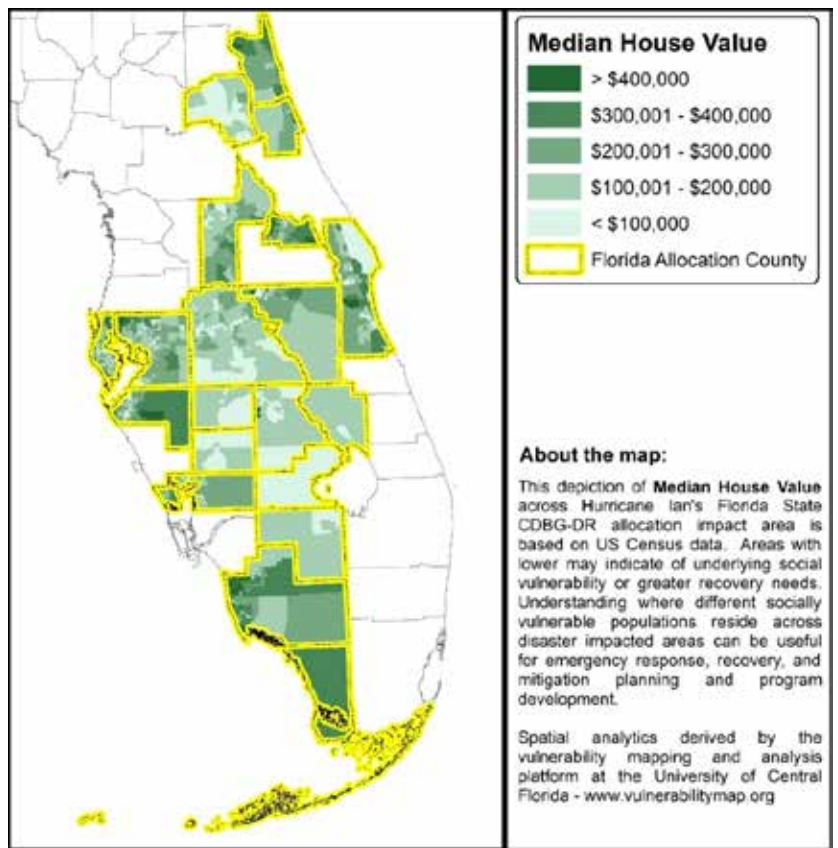


Figure 10: Median House Value

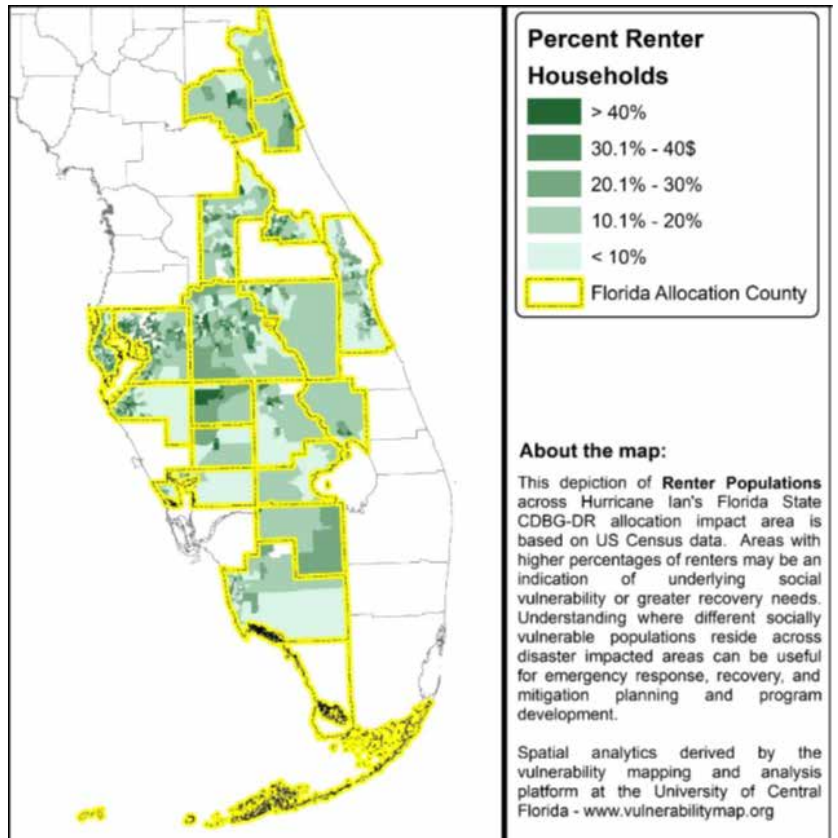


Figure 11: Percent of Renter Households

returning a more comprehensive estimate of recovery costs than the original estimates from FEMA. In addition, further accounting for under-representation of impacted populations stemming from FEMA ineligible applicants provides a more accurate picture of overall housing impact across a study area.

Homeowners across the Hurricane Ian impacted area experienced significant impacts from high winds, flooding, and storm surges.

FEMA provides Individual Assistance (IA) to eligible individuals and households who have sustained losses as a direct result of a disaster that receives a federal disaster declaration. Homeowners and renters in officially designated counties who sustained damage to their homes, vehicles, personal property, businesses or inventory may apply for disaster assistance. Assistance can include grants to help pay for temporary housing, emergency home repairs, uninsured and underinsured personal property losses, and medical, dental and funeral expenses caused by the disaster, together with other serious disaster-related expenses.

As a FEMA partner, the U.S. Small Business Administration (SBA) offers low-interest disaster loans to businesses of all sizes, nonprofits, homeowners and renters. SBA disaster loans are the primary source of federal long-term disaster recovery funds for disaster damages not fully covered by insurance or other compensation.

The tables below detail FEMA distributions to Charlotte County Residents from their Individual Assistance Programs (IA) under the Hurricane Ian disaster declaration. Homeowners who have been unable to secure FEMA, SBA, or other assistance funding have been left with an overwhelming unmet recovery need.

Due to documentation issues and other complications with qualifying renter households, many renter applicants do not receive assistance. This leaves many renters with unmet recovery needs. Furthermore, damage to these vital housing stocks leaves our community with a shortage of rental properties, increasing pressure on an already tight housing supply and increasing rents to unsustainable levels for lower income and vulnerable populations.⁸

Table 1: FEMA Registrations

County	Registrations	Valid Registrations	Inspections Issued	Inspections Returned
Charlotte	55,675	55,434	21,272	21,271

Individuals and Households Program (IHP) provides financial and direct services to eligible individuals and households affected by a disaster, who have uninsured or under-insured necessary expenses and serious needs. IHP assistance is not a substitute for insurance and cannot compensate for all losses caused by a disaster. The assistance is intended to meet basic needs and supplement disaster recovery efforts.

IHP Assistance may include:

- Funds for temporary housing while you are unable to live in your home, such as rental assistance or reimbursement for hotel costs

- A temporary housing unit, if approved for the disaster, when you are not able to use rental assistance due to a lack of available housing resources
- Funds to support the repair or replacement of owner-occupied homes that serve as the household's primary residence, including privately-owned access routes, such as driveways, roads, or bridges
- Funds for hazard mitigation assistance to help eligible homeowners repair or rebuild stronger, more durable homes
- Funds for other uninsured or under-insured disaster-caused expenses and serious needs

Table 2: FEMA IHP Program

	IHP Referrals	IHP Eligible	IHP Amount	IHP Avg \$	IHP Eligibility Rate
Charlotte	49,628	27,142	\$96,926,159.70	\$3,571.08	54.69%

Table 3: FEMA IHP Repairs, Replacement, and Rental Assistance

	Repairs & Replacement Paid	Repairs & Replacement Total Amount	Rental Paid	Rental Amount Paid
Charlotte	4,646	\$57,742,012.11	4,265	\$11,360,824.48

FEMA provides assistance to homeowners and renters for items not covered by another source, like insurance. Survivors may qualify for FEMA disaster assistance even if they have insurance. However, survivors need to file a claim with their insurance provider and submit the insurance settlement or denial letter to FEMA to determine eligibility for some forms of assistance.

Housing Assistance (HA) may include:

- Money for temporary housing while you are unable to live in your home, such as rental assistance or reimbursement for hotel costs.
- A temporary housing unit, if approved for the disaster, when you are not able to use rental assistance due to a lack of available housing resources.
- Money to help eligible homeowners support the repair or replacement of owner-occupied homes that serve as the household's primary residence, including privately-owned access routes, such as driveways, roads, or bridges. Eligible repairs are intended to make the home safe to live in and may not restore the home to its pre-disaster state.
- Money for specific hazard mitigation measures to help eligible homeowners repair or rebuild stronger, more durable homes.

Table 4: FEMA Housing Assistance (HA)

	HA Referrals	HA Eligible	HA Amount	HA Avg \$	HA Eligibility Rate
Charlotte	47,562	6,796	\$69,428,838.09	\$10,216.13	14.29%

FEMA Other Needs Assistance (ONA) may include funds for:

- Damaged essential household items (room furnishings, appliances), clothing, clean-up items (wet/dry vacuum, dehumidifier), tools and specialized clothing required for your job, necessary educational materials (computers, schoolbooks, supplies), and certain accessibility items
- Damage to an essential vehicle
- Disaster-related funeral and burial expenses
- Disaster-related child-care expenses
- Disaster-related medical and dental expenses, to include injury or illness, loss of medical equipment, such as breast-feeding equipment, and disability-related expenses, such as the loss or injury of a service animal
- Moving and storage expenses, to include the moving and storage of essential household goods to prevent further damage and returning the goods to your primary residence or moving to a new primary residence following disaster damage)

Table 5: FEMA Other Needs Assistance (ONA)

	ONA Referrals	ONA Eligible	ONA Amount	ONA Avg \$	ONA Eligibility Rate
Charlotte	30,102	25,571	\$27,497,321.61	\$1,075.33	84.95%

FEMA Real Property Damage refers to a parcel of land and everything that is permanently attached to the land. FEMA reports that Charlotte County had 182 Destroyed Owner Occupied Homes and 45 Destroyed Renter Occupied Homes as a result of Hurricane Ian.

Table 6: FEMA Real Property Damage Owner Occupied Units

	ONA Referrals	ONA Eligible	ONA Amount	ONA Avg \$	ONA Eligibility Rate
Charlotte	30,102	25,571	\$27,497,321.61	\$1,075.33	84.95%

Table 7: FEMA Real Property Damage Rental Units

	Units with Minor-Low < \$1,000	Units with Minor-High \$1,000-\$3,499	Units with Major-Low \$3,500-\$4,999	Units with Major-High \$5,000-\$8,999	Units with Severe > \$9,000
Charlotte	701	11	1,387	925	28

Table 8: FEMA Applicants without Flood Insurance

Charlotte County		
Income Category	# without Flood Insurance	% without Flood Insurance
No Income Stated	7,066	79.8%
<\$15,000	3,403	92.9%
\$15,000 - \$30,000	8,171	88.4%
\$30,001 - \$60,000	13,156	80.6%
\$60,001 - \$120,000	8,965	69.5%
\$120,001 - \$175,000	1,640	57.7%
>\$175,000	786	49.2%
All Income Levels	43,187	77.9%

Table 9: SBA Applications and Loans for Homes & Businesses

	Home Loan Applications	Business Loan Applications	EIDL Applications	Total
Applications Received	5,753	790	249	6,792
Applications Approved	3,357	160	48	3,565
Dollars Approved	\$223,693,620	\$24,654,750	\$3,752,800	\$252,101,170

Table 10: Insurance Claims

County	Number of Claims Reported	Number of Open Claims with Payment	Number of Open Claims without Payment	Number of Claims Closed with Payment	Number of Claims Closed without Payment	Percent of Claims Closed
Charlotte	101,490	18,286	6,286	62,832	13,483	75.20%

(<https://www.floir.com/home/ian>)

The Charlotte County Long-Term Recovery Group sought input from the Punta Gorda Housing Authority as our county's only Public Housing Authority dedicated to serving vulnerable populations as part of this plan's development. A PHA as defined by HUD includes "any state, county, municipality or other governmental entity or public body or agency or instrumentality of these entities that is authorized to engage or assist in the development or operation of low-income housing under the U.S. Housing Act of 1937."

Table 11: Punta Gorda Housing Authority Damages

	Oak Tree Village	Verandas of Punta Gorda	Gulf Breeze Apartments
Number of Public Housing Units Damaged	30	65	85

Statewide Demographics, Most Impacted and Distressed (MID) Populations, and Charlotte Counties demographic profile were created with data from the American Community Survey (ACS) including estimates of populations by race. Notably, White or Caucasian populations account for the majority of people in Florida, and broadly account for a majority in Charlotte and other MID communities.

Table 12: Statewide, MID, and Charlotte County Demographics

Demographic	Total Population	Under 5 years	65 years and over	Population with Disability	White or Caucasian	Black or African American	American Indian and Alaska Native	Asian	Hawaiian and Other Pacific Islander	Other
State Estimates	22,244,823	5.1%	21.1%	8.7%	76.9%	17.0%	0.5%	3.0%	0.1%	2.5%
MID Area	7,085,138	4.9%	22.1%	9.29%	80.6%	13.0%	0.6%	3.6%	0.1%	2.5%
Charlotte	202,661	2.8%	40.5%	15.1%	90.3%	6.0%	0.4%	1.5%	0.1%	1.8%

Population Below Poverty Line by Disability and Age displays the correlation between impoverished populations, age, and disability within the MID counties. Populations under 18 and over 65 and disabled persons are disproportionately affected by poverty. Within this table, the percentages in white cells are percentages of the total population that meet the specified demographic and are below the poverty line.

Table 13: Population Below Poverty Line by Disability and Age

Demographic	Total Population	Per capita income	Population below poverty line	Percent of total population below poverty line	Percent of total population under 18 years and below poverty line	Percent of total population 65 years and over and below poverty line	Percent of total population Disabled Persons and below poverty line
State Estimates	22,244,823	\$36,196	1,042,235	4.69%	3.65%	2.19%	2.53%
MID Area	7,085,138	\$32,642	814,921	11.50%	3.48%	1.96%	2.54%
Charlotte	202,661	\$35,656	19,028	9.39%	2.17%	2.77%	2.91%

Table 14: Percentage of Total Population Living in Poverty by Race/Ethnicity

	White	Black	Native American	Asian	Hawaiian or Pacific Islander	Other Race	Two or more Races	Hispanic
Charlotte	8.69%	0.82%	0.06%	0.08%	0.01%	0.37%	0.50%	1.75%

Table 15: Percentage of Total Impoverished Population by Race/Ethnicity

	White	Black	Native American	Asian	Hawaiian or Pacific Islander	Other Race	Two or more Races	Hispanic
Charlotte	82.61%	7.81%	0.53%	0.77%	0.06%	3.47%	4.74%	16.60%

Low – Moderate Income (LMI) meaning that these households earn less than 80% of the Area Median Income (AMI). Analysis of Charlotte County provides a more detailed breakdown of LMI persons affected by the disaster.

Table 16: LMI Population Charlotte County

	Total Population of Disaster Applicants	Total LMI Disaster Applicant Household Composition	Percentage LMI	Possible Additional LMI Persons	Possible Additional Percentage LMI
Charlotte	85,857	15,511	18.07%	37,563	43.75%

LMI is generally defined as household income at 80 percent or below the AMI.

Table 17: HUD LMI Limits by Household Size for Charlotte County (2023)

	1 Person	2 Person	3 Person	4 Person	5 Person	6 Person	7 Person	8 Person
Charlotte								
30% Limit	\$16,100	\$19,720	\$24,860	\$30,000	\$35,140	\$40,280	\$42,420	\$50,560
50% Limit	\$26,850	\$30,700	\$34,550	\$38,350	\$41,450	\$44,500	\$47,600	\$50,650
80% Limit	\$42,950	\$49,100	\$55,250	\$61,350	\$66,300	\$71,200	\$76,100	\$81,000

(Charlotte County is listed under the Punta Gorda, FL MSA)

Mobile Housing Units Impacted by Hurricane Ian provides an estimate of the number of mobile housing units impacted by Hurricane Ian in Charlotte County.

Table 18: Mobile Housing Units Impacted

	Total Number of Mobile Housing Units	Number of Units Impacted	% of Total Impacted Units
Charlotte	12,128	6,139	50.62%

The HUD Point in Time Count (PIT) provides a snapshot of homelessness in our community. The 2023 count was conducted during a single 24-hour period on Jan. 23, 2023, a total of 427 individuals were identified as homeless, either living in a shelter or in a place not meant for human habitation. In addition, the Table below shows the number of students in the Charlotte County Public Schools that experienced homelessness over the entire school year. This represents a nearly 250% increase in the number of individuals identified from the prior year.

Hurricanes affect housing options for homeless populations particularly hard. The increase in homelessness in the affected area is significant and these vulnerable individuals remain a potential unmet needs population, requiring recovery support in order to halt the downward spiral.⁹

Table 19: Homeless Point-In-Time Count & Charlotte County School District Data

	January 2023	January 2022	January 2021	January 2020	January 2019
Charlotte County Point in Time	427	148	122	169	156
	School Year 22-23	School Year 21-22	School Year 20-21	School Year 19-20	School Year 18-19
Charlotte County School District	1,016	491	396	387	364
Charlotte County FL-602	427	148	122	169	156

Infrastructure and Economic Impacts

Total debris from Hurricane Ian was estimated to fill more than 22 Empire State Buildings. In Charlotte County 4,674,283 million-cubic yards of debris that took months to remove. Airports throughout the Florida peninsula closed for extended periods of time following Hurricane Ian’s disruption of air traffic, business, and tourism.

Hurricane Ian also caused significant damage and impacts to other infrastructure throughout the area. Prior to and during the storm, roads and bridges were closed throughout Central and Southwest Florida as Hurricane Ian’s winds made bridges unsafe and flooding closed both coastal and inland roadways.

Power outages affected more than 2.7 million customers across numerous electric supply companies.

Restoration of electricity was a primary task and costs to do so were high; in March 2023, Florida Power & Light (FPL) requested permission from the Public Service Commission to recover about \$1.3 billion in restoration costs from its customers, due to both Hurricanes Ian and Nicole, which would result in customers paying a temporary, 12-month storm surcharge in electricity rates of about eight percent for customers in Northwest Florida and about 10 percent for customers throughout the peninsula. FPL highlighted that these recovery costs would help to harden the electric grid, increase resilience, and keep customers' bills under the national average, but these are significant costs to both the company and to everyday customers who are already experiencing financial hardship due to Hurricane Ian's impacts.¹⁰

Restoration costs following Hurricane Irma (2017) resulted in a more resilient electric grid, speeding the restoration of electricity following Hurricane Ian; more than 75 percent of non-commercial customers regained power within two days of Hurricane Ian's landfall and almost all customers had electricity restored within 10 days, with exceptions for destroyed structures.

Commercial electricity restoration took longer in many locations, creating challenges for telecommunications infrastructure repair and restoration. Verizon reported significant wind damage to antennae, radios, cabinets, and cables throughout Southwest Florida along with more than a 70 percent increase in network traffic due to the influx of emergency responders, with more than 100 locations across Lee, Hardee, Charlotte, Collier, DeSoto, and Sarasota Counties running on diesel backup generators through Oct. 10, 2022.¹¹

AT&T deployed high water vehicles and thousands of fixed generators to cell sites, and Verizon deployed more than 170 mobile assets to improve disruptions to connectivity throughout Southwest Florida that included portable cell towers, satellite connections, drones, tactical vehicles, and portable generators, pushing more than 560 terabytes of data through satellite communications during the response and initial recovery.

High winds and water stranded many individuals throughout Southwest and Central Florida; the National Guard rescued more than 2,000 people and dozens of pets through search and rescue operations, and more than 250 Red Cross shelters housed evacuees as a result of Hurricane Ian.



Inundated water infrastructure also led to more than 165 boil water notices throughout Central and Southwest Florida. Accordingly, state emergency managers distributed more than 829,000 Meals Ready-to-Eat (MREs) and more than 3.8 million bottles of water in the first few days of recovery.

In addition to the over-wash and scouring conditions that damaged roadways, coastal beach and dune erosion from Hurricane Ian caused extensive natural infrastructure losses, damage to thousands of feet of structural flood protection and armoring systems, significant deposits of sand on roads, and significant need for beach and dune renourishment to restore natural protective habitats and ecosystems throughout Southwest Florida and the Atlantic seaboard.

Major ecological and environmental damage occurred in Southwest Florida impacting fishing and causing significant damage to artificial reefs as far as 30 miles offshore. The combination of increased turbidity of sediments caused by storm surge flooding, followed by large amounts of inland precipitation runoff into coastal areas (including an estimated 18 million gallons of wastewater overflow into the Gulf of Mexico) caused concerns of potential ongoing harmful algal bloom that may produce dangerous red tide conditions for much of Southwest Florida through 2022 and into 2023, possibly impeding waterfront tourism and other natural services in the area. Water samples taken in November 2022 revealed the presence of harmful red tide organisms, but as of June 2023, water samples have not reflected the presence of harmful algal blooms.

On both the Gulf of Mexico and Atlantic Ocean coasts, tens of thousands of cubic yards of beach sands were eroded, washed out, or otherwise displaced, leading to an immediate and ongoing need to replenish these natural protective systems to restore resilience

before future storms occur. The Florida Department of Environmental Protection conducted surveys of the coastal damage caused by Hurricane Ian, finding myriad cases of damage ranging from minimal (Type I) to complete destruction (Type IV).¹²

The Hurricane Ian impacted area, one of the most populous areas of the State of Florida, this region is home to more than 1,150,124 businesses with a majority classified as small, both in terms of revenue (98% make less than \$1,000,000 annually). Most of these businesses (96%) are single location establishments, which means that these business owners do not have corporate support to prepare for, respond to, or rebound from disasters.



Figure 12: Impacts to beaches and dunes in Charlotte County due to Hurricane Ian

Table 20: Charlotte County Businesses by Business Size

	Total	< 1 Million \$	1-5 Million \$	5-10 Million \$	10-50 Million \$	50-100 Million \$	> 500 Million \$
Charlotte	31,639	31,167	386	35	38	9	5

Table 21: Charlotte County Businesses by Number of Employees

	Total	< 4	5-10	11-49	50-99	100-499	500-999	> 1,000
Charlotte	31,639	19,479	10,909	1,102	98	44	6	1



Table 22: Summarized SBA Losses to Businesses

	Total SBA Verified Losses	Total SBA Verified Property Losses	Total SBA Verified Contents Losses
Charlotte	\$98,744,624	\$86,853,829	\$98,744,624

Table 23: Summarized SBA Support to Businesses

	Total SBA Approved Loan Amount	Total SBA Real Property Loan Amount	Total SBA Contents Loan Amount	Total SBA EIDL Loan Amount
Charlotte	\$24,747,555	\$18,984,005	\$1,946,450	\$3,817,100

Charlotte County is a growing community that has attracted retirees for decades. Billed as an affordable coastal community that is nestled between Sarasota and Lee County on the Gulf of Mexico, the county has grown steadily. As an older community, many of the residents are retired and enjoy the service-based economy with a small-town feeling. But with an aging population, comes a smaller workforce and less workers to fill these positions. Attainable affordable housing, access to physical and mental healthcare, services for seniors and disabled adults are just a few of the struggles facing the community. Resulting in limited resources and an increased demand for services.

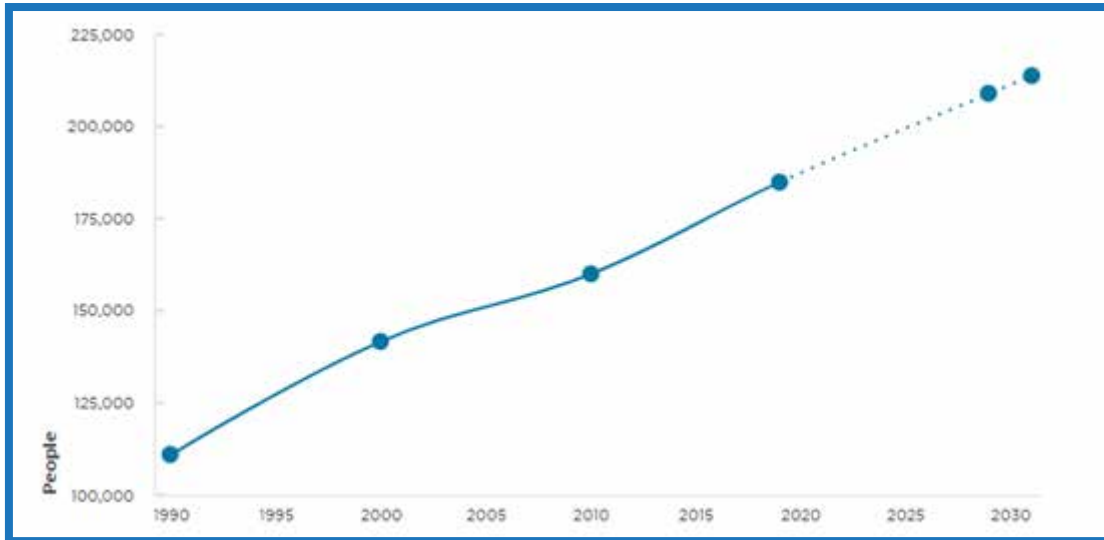


Figure 13: Charlotte County Total Population¹³

The resiliency of a community is directly related to the health and financial stability of its residents. The reality is that disasters affect vulnerable populations disproportionately and Charlotte County is no exception.

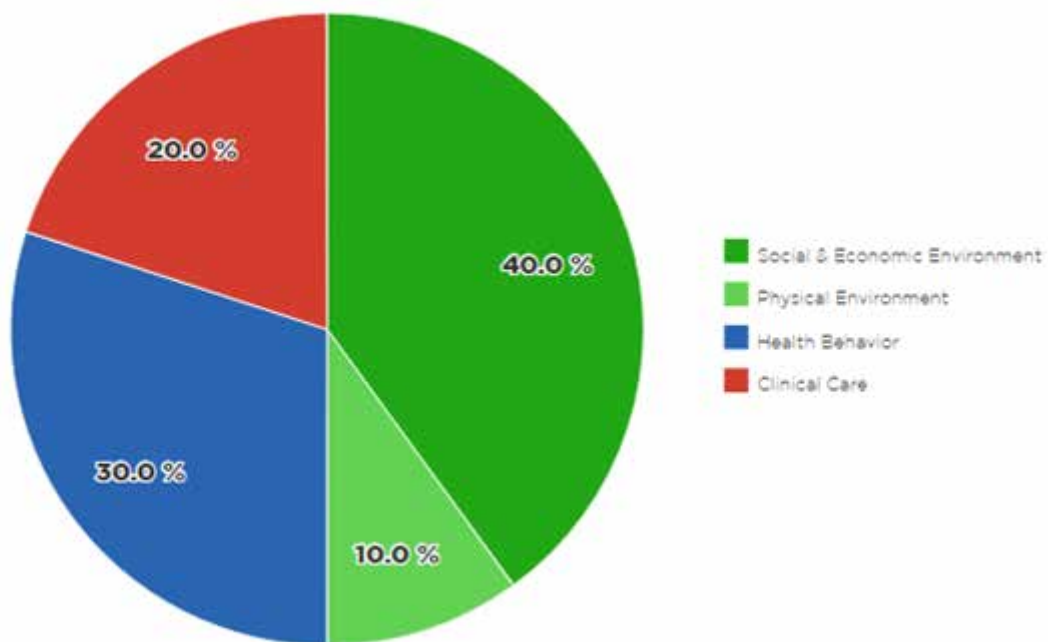


Figure 14: Drivers of Health¹⁴

Studies show that lower and moderate-income households are more affected by disasters due to the cost of preparation, mitigation, and recovery. Further, these households are more likely to be employed in the response efforts which can additionally strain their physical, mental, and behavioral health. Financial hardship following a disaster can push households further into poverty or even homelessness.

Income isn't the only factor in social vulnerability, but it is the largest. The term refers to the resilience of communities when confronted by external stresses on human health, stresses such as natural or human-caused disasters, or disease outbreaks. Reducing social vulnerability can decrease both human suffering and economic loss.



Figure 15: People with a Disability¹⁵

The Social Vulnerability Index uses U.S. census variables at tract level to identify communities that may need support in preparing for hazards or recovering from disaster. SVI categories include income below 130% AMI, poverty, unemployed, housing costs-to-income ratio, no high school diploma, no health insurance, aged 65 and over, aged 17 and younger, civilian with a disability, single-parent household, English language proficiency, racial/ethnic minority, multi-unit housing, mobile homes, crowding, no vehicle, and group quarters. Additional information can be found at https://svi.cdc.gov/Documents/CountyMaps/2020/Florida/Florida2020_Charlotte.pdf

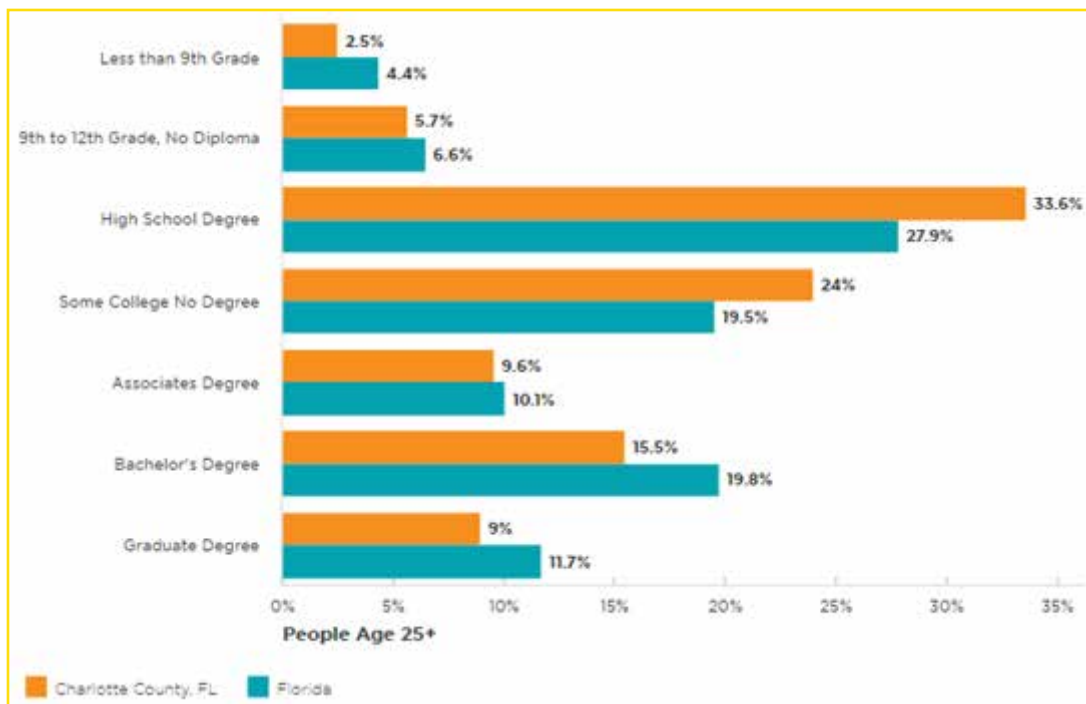


Figure 16: Highest Level of Education Completed¹⁶

The United Way of Florida produces an A.L.I.C.E. report¹⁷ that analyzes the stability of households using a methodology that looks beyond the Federal Poverty Level. The report states that natural and human-made disasters will continue to impact lower income households disproportionately. Florida’s greatest hazard is flooding, and the state is becoming more vulnerable with the increase in extreme weather events, especially hurricanes. “The increasing impact of these incidents — from floods and wildfires to pandemics — is felt most acutely by lower income households and their surrounding communities. With minimal job security and little or no savings, these residents feel the impact of an economic disruption almost immediately as hourly paid workers suffer lost wages right away. With little to no financial cushion, workers struggle to repair damage, recover from illness, and pay ongoing bills. At the same time, these workers are essential to disaster recovery efforts in both infrastructure repair and health care, and they are often forced to choose between caring for their families and ensuring community recovery. These costs are added to the increased risk of physical harm and illness families face if they cannot afford to flee an oncoming natural disaster or take necessary precautions during a public health crisis.”

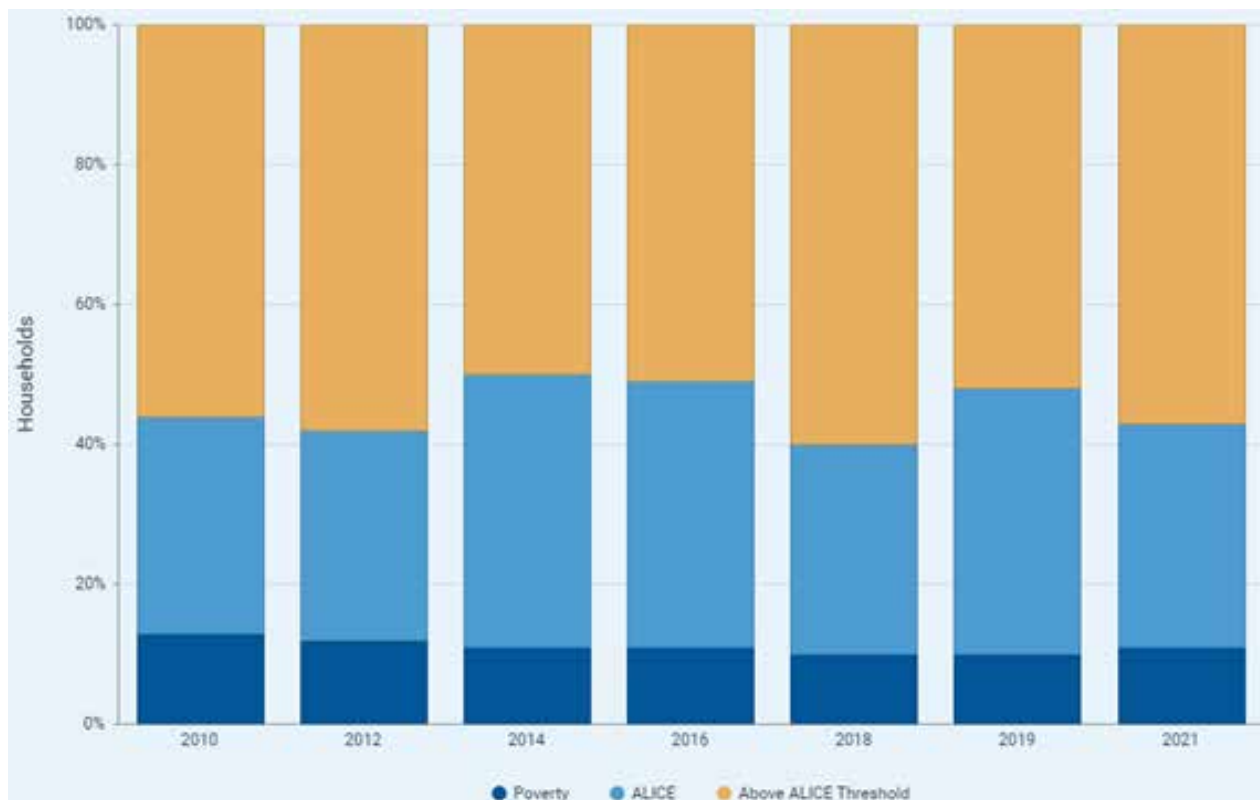


Figure 17: Poverty and ALICE Households

Oxfam America and the Hazards and Vulnerability Research Institute names Charlotte County among the top 20% in the nation in “social vulnerability to environmental hazards”¹⁸. Factors considered include “economic standing, age extremes (with the young and the elderly more dependent on care and less able to evacuate in times of disaster, rural and urban communities, special needs populations, vulnerable occupations, housing quality and racial/ethnic disparities.

Unmet Needs & Disaster Case Management

FEMA defines an unmet need as being a deficit between verified disaster-caused damages and obtainable disaster aid, including insurance assistance, Federal and State assistance, and personal resources. It is the goal of our Long-Term Recovery Team to provide information that could assist survivors who may have identified unmet needs as a result of a disaster, in making connections with agencies that can provide resources.

The Disaster Case Management Program works with Long Term Recovery Groups to collaborate with national, state, and local government and disaster relief organizations to provide resources to disaster survivors.

Disaster Case Management Program (DCMP) is a federally funded program. DCMP is a time-limited program that involves a partnership between case manager and a disaster survivor to develop and carry out a Disaster Recovery Plan. The partnership provides the client with a single point of contact to facilitate access to a broad range of resources. The process involves an assessment of the client's verified disaster-caused unmet needs, development of a

goal-oriented plan that outlines the steps necessary to achieve recovery, organization, and coordination of information on available resources that match the disaster-caused unmet needs, the monitoring of progress towards reaching the recovery plan goals, and when necessary, client advocacy.

Volunteer Florida serves as a conduit of information between voluntary organizations and government. Ensuring a continual flow of information from the State Emergency Response Team and the Joint Field Office. DCMP works with Charlotte's Long Term Recovery Group to collaborate with national, state, and local government and disaster relief organizations to provide resources to disaster survivors.

Disaster case management dollars are directed to staffing, training, needs assessments, recovery planning, resource coordination, monitoring, data management, and program administration. These funds play a vital role in supporting disaster-impacted individuals and households on the path to recovery, ensuring unique needs are addressed and necessary resources are accessible throughout the process.

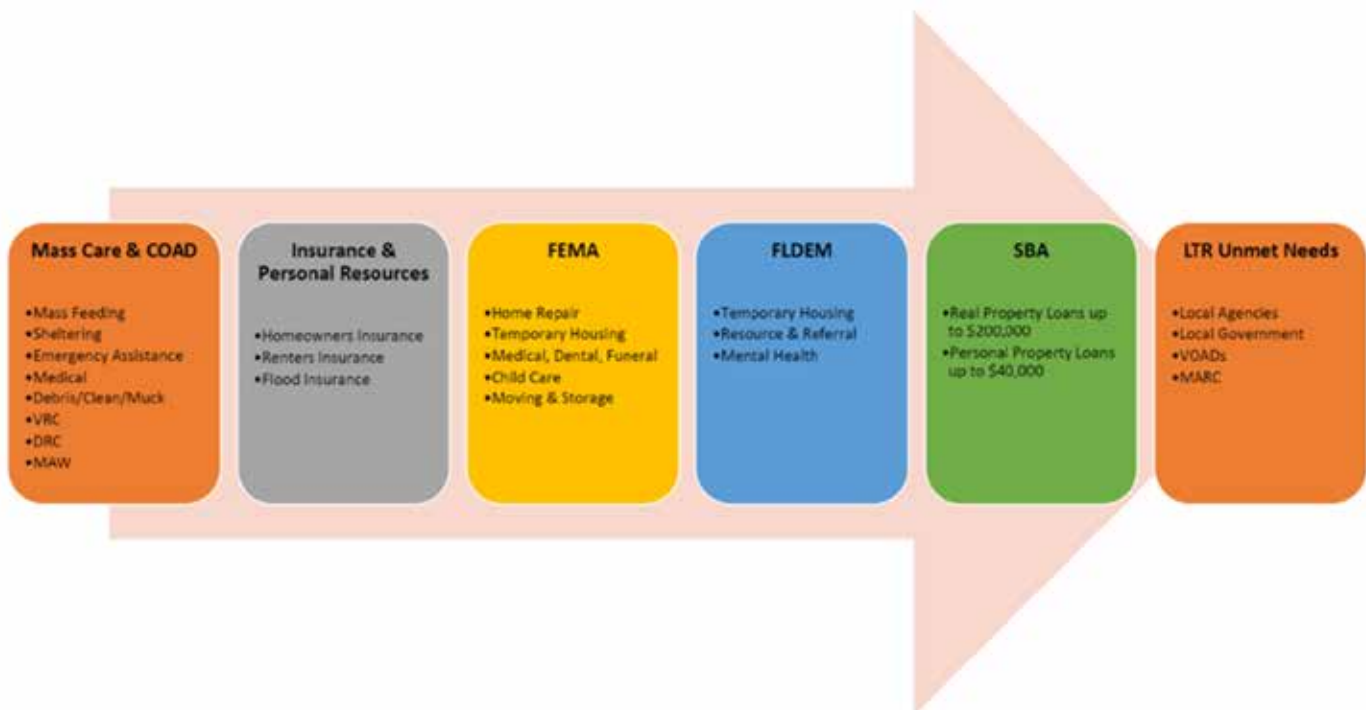


Figure 18: Sequence of Delivery-Disaster Assistance

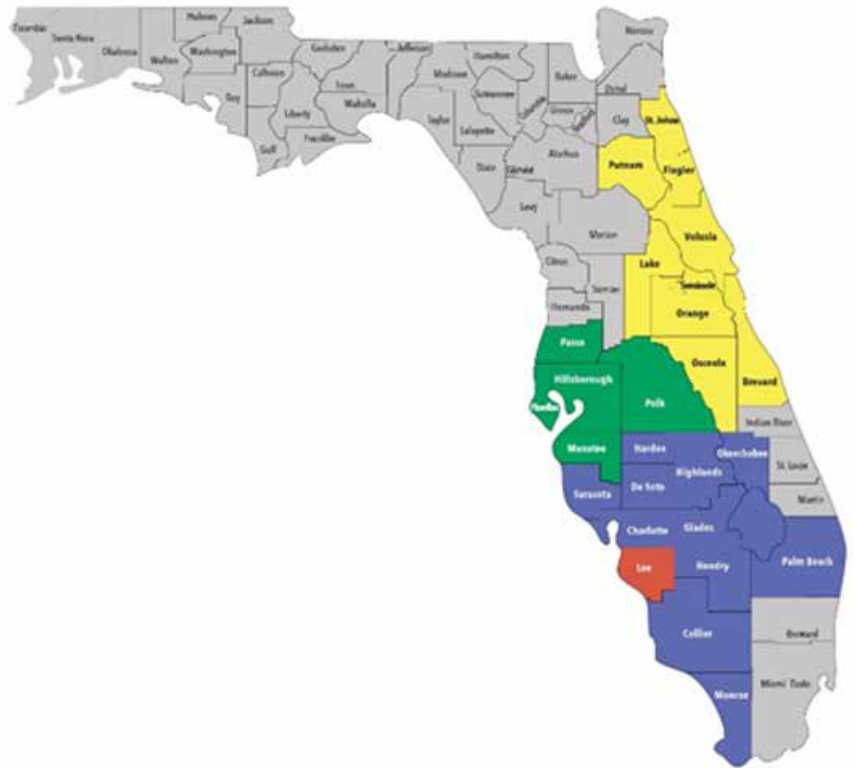
Hurricane Ian DR-4673-FL DCMP Groups

Group 1
Lee County

Group 2
Charlotte County
Collier County
DeSoto County
Glades County
Hardee County
Hendry County
Highlands County
Monroe County
Okeechobee County
Palm Beach County
Sarasota County

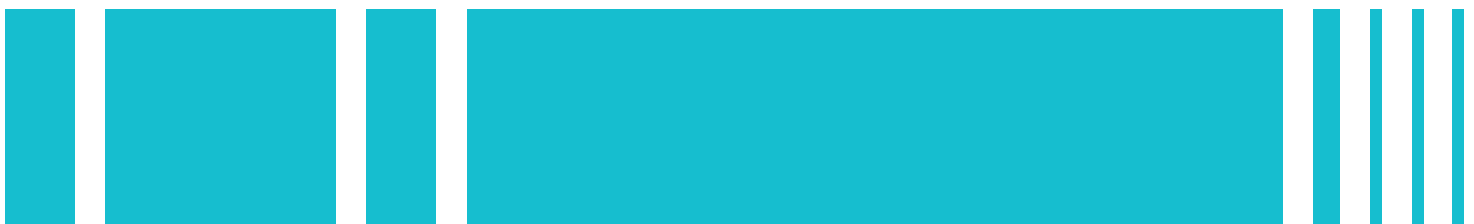
Group 3
Hillsborough County
Manatee County
Pasco County
Pinellas County
Polk County

Group 4
Brevard County
Flagler County
Lake County
Orange County
Osceola County
Putnam County
Seminole County
St. Johns County
Volusia County



Group	Organization	Counties Served
1	Compass82	Lee
2	Disaster Services Corporation Society of St. Vincent De Paul - USA	Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Highlands, Monroe, Okeechobee, Palm Beach, Sarasota
3	Disaster Services Corporation Society of St. Vincent De Paul - USA	Hillsborough, Manatee, Pasco, Pinellas, Polk
4	Family Endeavors	Brevard, Flagler, Lake, Orange, Osceola, Putnam, Seminole, St. Johns, Volusia

Figure 19 & Figure 20: Hurricane Ian DCMP Responsible Organizations¹⁹



Resiliency & Sustainability

Social Vulnerability & Resilience

Community resilience is the ability to prepare for and rapidly respond and recover from a disaster. Simply put, it is our ability to mitigate risk and quickly bounce back from any adverse event. Sustainability speaks to our ability to maintain that level of preparedness and response using a balanced approach to using natural resources. Hurricanes, floods, and other climate-related issues increase risks to already vulnerable populations.

Social vulnerability refers to the “potential negative effects on communities caused by external stresses on human health. Such stresses include natural or human-caused disasters, or disease outbreaks.”, according to the Center for Disease Control. Charlotte County, with its substantial elderly population, faces unique vulnerabilities when it comes to hurricanes and tropical storms. The county is known as a retirement destination, attracting a significant number of older adults seeking warmer climates and a relaxed lifestyle. However, the elderly population's characteristics and needs make them particularly susceptible to the impacts of hurricanes.

One of the primary concerns for the elderly during hurricanes is their physical vulnerability. Older adults may have limited mobility, chronic health conditions, or diminished cognitive abilities, which can hinder their ability to evacuate or respond effectively to storm threats. In some cases, they may require assistance with transportation, medical equipment, or medications, making it challenging for them to navigate emergency situations. As a result, they may be at higher risk of injury, illness, or even mortality during and after a hurricane.

Some of our elderly population in the County reside in specialized communities such as retirement communities or assisted living facilities. These communal living environments can pose additional challenges during hurricanes. The infrastructure

and buildings within these communities may not be designed or equipped to withstand extreme weather events. Power outages, flooding, or structural damage can disrupt essential services, such as electricity, water supply, and medical assistance, further exacerbating the vulnerability of older adults.

Social isolation is another factor that contributes to the unique vulnerability of the elderly during hurricanes. Many older adults live independently or are separated from their families, which can limit their support network during times of crisis. They may lack immediate access to assistance, resources, or information, making it harder to make informed decisions or receive necessary aid. The emotional toll of isolation and anxiety during hurricane events can also impact their mental well-being and resilience.

Recognizing and addressing the unique vulnerability of the elderly population in Charlotte County during hurricanes is essential for effective emergency planning and response. Local governments, community organizations, and caregivers must work together to ensure that the specific needs of older adults are considered. This includes providing accessible and timely information about evacuation routes, shelter options, and available support services. County Emergency Management staff collaborate with healthcare providers to prioritize the needs of elderly residents in healthcare facilities and ensure the continuity of care during and after the storm.

Fostering community engagement and establishing programs that encourage neighbors to check on and assist elderly individuals can be crucial in enhancing their safety and well-being. Efforts to strengthen the resilience of infrastructure, such as retrofitting buildings to withstand hurricanes and ensuring backup power systems in healthcare facilities, can also mitigate the risks faced by the elderly population.

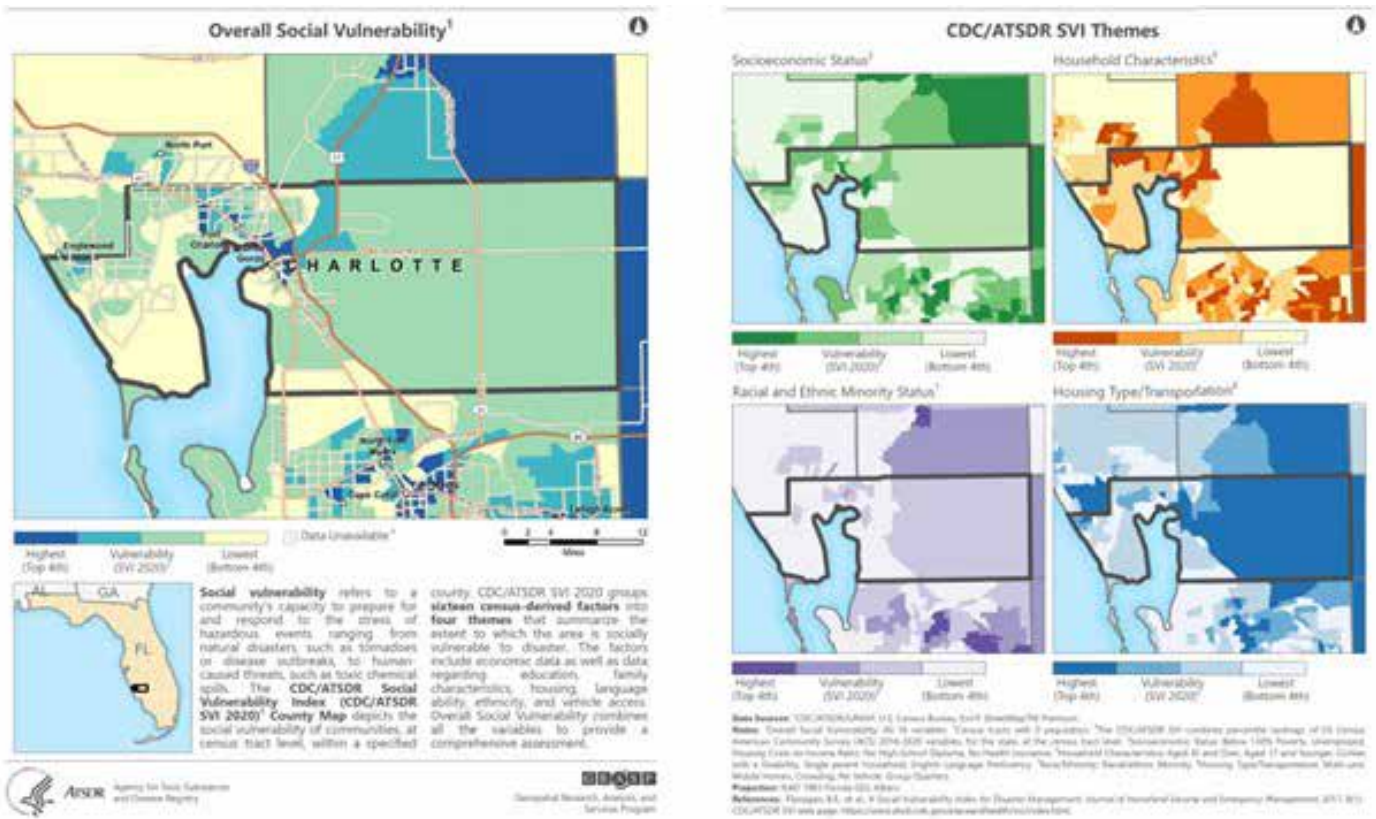


Figure 21: Social Vulnerability and CDC/ASTSDR Social Vulnerability Index (2020)

Mental and behavioral health access to care speaks to the resiliency of a community. Prior to Hurricane Ian, Charlotte County and Southwest Florida were designated as a Health Professional Shortage Area (HPSA) specifically in the mental and behavioral health field. In 2021, the state rate for licensed mental health counselors per 100,000 residents was 60.3 while Charlotte County's rate was 35.1. This shortage is felt even more keenly following Hurricane Ian when stress, grief and trauma are pervasive.²⁰

Creating a resilient community includes prioritizing construction and infrastructure that uses sustainable materials and practices as well as anticipating future climate impacts.

Ian Environmental Impacts

For close to a decade, Charlotte Harbor and Lemon Bay have seen increases in macroalgae and cyanobacteria blooms. These phenomena intensified shortly after Hurricane Irma and the red tide event of 2018, when significant losses in seagrass and associated increases in macroalgae and cyanobacteria were documented by multiple natural resource agencies throughout the region. In addition, the Florida Department of Environmental Protection has declared much of Charlotte Harbor to be impaired for high levels of nutrients. As such, from an ecosystems perspective, storm events such as Hurricane Ian create concern that such a large-scale runoff event might exacerbate degradation of an already fragile system.

Historic rains and flooding of residential and commercial areas in the basin resulted in the deposition of pollutants into Charlotte Harbor.

The long-term influence of Hurricane Ian to Charlotte county's aquatic resources are still being ascertained, but the immediate impacts included substantive losses to terrestrial vegetation and nearshore habitat such as mangroves. Much of this vegetation was stripped and deposited into various waterways alongside other materials carried into the system from such a large-scale runoff event. Subsequently, hypoxic and anoxic conditions were observed in the tidal Peace River and multiple residential pond systems. Fish kills were documented in some pond systems as well as certain areas of Lemon Bay. Oxygen levels in the tidal rivers rebounded 3-4 weeks after the storm, after a multi-day cold front drove air temperatures down to 60-70F from prior daytime highs near 90F.



Peace River inundation of neighborhoods in DeSoto County 10/5/2022

Large volumes of debris from damaged structures entered canal systems, the tidal rivers, and Charlotte Harbor, which impacted established benthic habitats throughout. The county and state have invested millions of dollars' worth of debris cleanup in our waterways, but extensive volumes of debris remain in areas that are logistically infeasible for such efforts to address. For example, a recent county-sponsored citizen cleanup of the western edge of Charlotte Harbor resulted in the removal of two tons of Styrofoam entangled within mangroves. This volume was collected in less than four hours of work, and as of this writing much debris remains in that area.

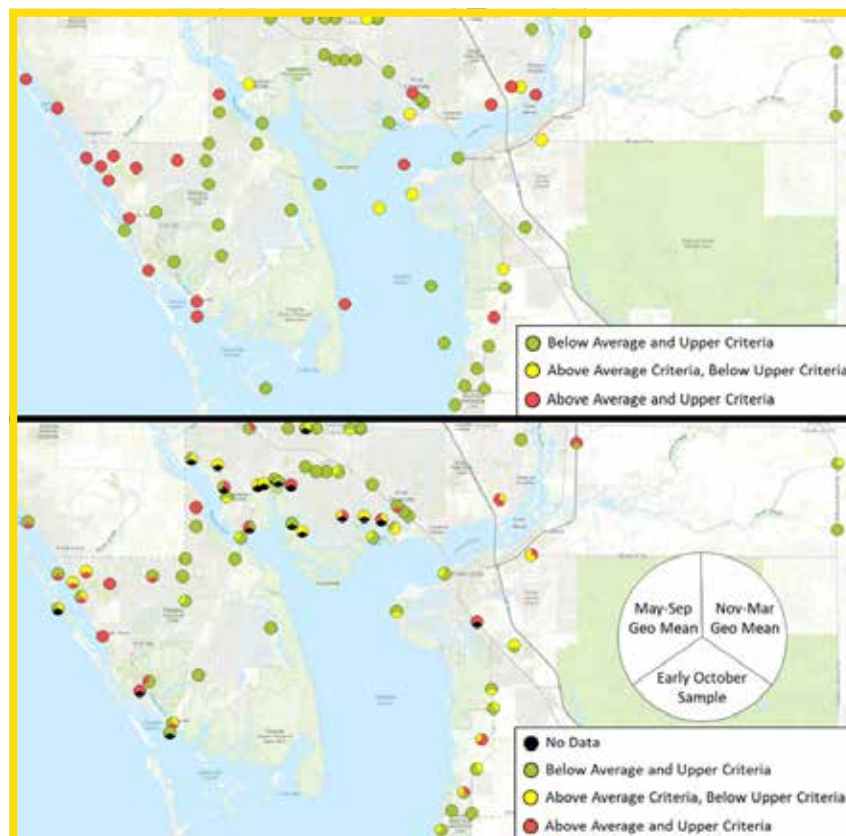


Extensive rain and wind impacts from the hurricane introduced pollutants and debris into residential pond and canal systems, such as portable toilets (above left). Such inflows resulted in fish kills within several of these systems (above right).



Damaged and dead mangrove stands in Lemon Bay, June 2023. Some of the mangrove populations appear to be recovering from impacts from the storm; however, multiple reaches such as the one pictured above suffered extensive mortality.

Similarly, fecal indicator bacteria populations spiked immediately following the storm, with watersheds along Lemon Bay and the tidal Peace River seeing especially high concentrations. In most areas, bacteria populations have declined back to Pre-Ian levels; however, certain regions are continuing to see elevated bacteria post-storm.



*Figure 22: Fecal indicator bacteria trends in Charlotte County approximately 1-2 weeks after Hurricane Ian (top map) and pre- and post-Hurricane Ian (bottom map). Population trends were compared against state water quality criteria for *E. coli* or *Enterococci*.*

Currently, it's unknown to what extent the introduction of such a massive volume of runoff will have on the long-term health of the estuaries, but 2023 has seen extensive cyanobacterial blooms throughout portions of Lemon Bay and Charlotte Harbor. At some locations, the cyanobacteria die-off (which is part of their life cycle, and tends to occur in the Spring/Summer months) is so extensive that oxygen concentrations are nearing hypoxic levels. Time will tell if these inputs will result in prolonged impacts to our estuaries.



Multi-acre die off of cyanobacteria organisms in Charlotte Harbor, June 2023. Cyanobacteria blooms had been documented in the region for several years, but large-scale rain events such as Hurricane Ian create concern that excessive nutrient loads will bring more intense blooms in the years following, as was seen after Hurricane Irma and the subsequent extended red tide event of 2018.

Infrastructure & Community Spaces

The ability of our infrastructure of roadways, stormwater systems, public buildings, water and wastewater utilities, energy, and communications systems to be resilient in the face of disaster conditions enables the uninterrupted operation of critical government and business functions and is essential to human health and safety and our community's economic security. Hurricane Ian stressed our Community Lifelines beyond what has been recorded from previous disasters, and yet we acknowledge that future extreme weather events coupled with increases in population in our disaster-prone area will create additional challenges moving forward. The damage inflicted upon our infrastructure as a result of Hurricane Ian was extensive and repairs to bring our community back to pre-storm conditions continues.

The goal of building resilience into ongoing repairs and future projects is an overriding theme of Charlotte County's long-term recovery. Building a resilient infrastructure while increasing capacity that will accommodate future growth is vital to the overall health of Charlotte County.

Infrastructure resilience encompasses a broad spectrum, from robust transportation networks with well-maintained evacuation routes to energy systems that can endure the worst of storms, including renewable energy integration for sustainability and hardened facilities ensure continuity of critical services and providing for refuge from hazardous conditions. Equally vital are water and wastewater systems capable of withstanding flooding and communication networks ensuring real-time updates and coordination with local authorities. This resilience bears immense significance. It safeguards lives through efficient evacuation routes and emergency services, maintains economic stability by preserving businesses and jobs, and minimizes environmental damage, reflecting an unwavering commitment to sustainable infrastructure practices.

To achieve this, risk assessment is paramount to identify vulnerable areas and guide zoning regulations, while sustainable design choices and ongoing maintenance ensure the longevity of these critical systems. Collaborative efforts, both in terms of government investment and community engagement, form the foundation of this resilience, securing funding and fostering a sense of shared responsibility. By recognizing the pivotal role of infrastructure, we pave the way for a safer, more sustainable future for Charlotte County and its resilient communities.

Charlotte County has maintained a Local Mitigation Strategy for over 20 years that outlines our hazards and vulnerabilities. This community based plan aims to identify opportunities for infrastructure projects that reduce or eliminate the impacts of future disasters and through the efforts of the Local Mitigation Strategy Working Group and the Office of Emergency Management, a thorough review of both the specific impacts of Hurricane Ian and other potential future disasters, such as catastrophic storm surge, and

formulated over \$160 million dollars' worth of projects that were submitted as Hazard Mitigation Grant Program applications. This continued effort mirrors and informs the long-term recovery process in hopes of positioning Charlotte County for future funding opportunities that will enhance our resiliency and increase capacity as we grow as a community. DR-4673 Hazard Mitigation Grant Program (HMGP) cycle for Hurricane Ian. Charlotte County's initial lock-in of funds is \$80,144,916.39. The following approved projects are highlighted in this recovery plan as well as the Local Mitigation Strategy:

- Construction of Bisset Park Community Center Saferoom
- Charlotte County Special Need Shelter
- Charlotte Behavioral Healthcare Generator Project
- Charlotte County, Oyster Creek Bridge Hardening
- Charlotte County, Buck Creek Bridge Hardening
- GIWA Wellfield Resiliency Improvements
- Charlotte County Department of Health Generator Project
- Charlotte County Event Center Seawall
- Public Safety Saferoom Project
- Hardening of Open Outfalls
- Utilities Saferoom Project
- Kingsway Elementary School Portable Generator Project
- Traffic Light Mast Arm Hardening
- Neil Armstrong Elementary School Portable Generator Project
- Public Works Saferoom Project
- Liberty Elementary School Portable Generator Project
- Burnt Store Drinking Water Wells Portable Generators
- Charlotte county Station 4 Generator Project
- Charlotte County Station 13 Generator
- Port Charlotte Beach Park Floating Break Water and Pier Stabilization/Living Shoreline
- Leachate Plant Generator Project
- Burnt Store Plant Saferoom and Generator
- South County Recreation Center Generator Project

- Charlotte County Lift Station Portable Generators
- Burnt Store Plant Lift Station Permanent Generators
- Rotonda Plant Lift Station Permanent Generators
- East Port Plant Lift Station Permanent Generators
- Tringali Campus Generator Projects
- Ann and Chuck Dever Rec Center Portable Generator Project
- Westport Plant Lift Station Permanent Generator
- Punta Gorda Charlotte Library Portable Generator Project
- Family Services Center Phase 2 Generator Project
- West County Annex Generator Project
- Highway Light Post Hardening
- Bayshore Live Oak Point Seawall/Living Shoreline
- Grace Street Annex Generator Project
- Carmalita Park Portable Generator
- Centennial Park Portable Generators
- Harold Ave Portable Generators
- South County Regional Park Portable Generators
- Public Works Florida Street Generators (Admin and IT Switch)
- Franz Ross Park Portable Generator Project
- Bob Pryor Employee Health Clinic Generator Project
- Charlotte County Fleet Management and Maintenance Portable Generator Project
- Public Works Sinatra Yard Generator Project
- Public Works San Casa Yard Generator Project
- Harold Ave Recreation Center Wind Retrofit
- Harold Ave Recreation Center Generator Project
- Charlotte County Lift Station Generators - Irma HMGP
- Corto Andra/ Boca Grande Area Drainage Improvements
- Family Services Center Phase I Generator Project
- Centennial Park Recreation Center Generator Project
- Eastport Wastewater plant Hardening Project
- New Day Christian Church Generator Project
- Kingsway Elementary Wind Retrofit
- Construction of Deep Creek Community Center/ Community Saferoom
- Punta Gorda Charlotte Library Floodproofing
- Englewood Charlotte Library Floodproofing
- District 4 Water Tower
- Animal Welfare League of Charlotte County Generator Project
- Charlotte Prep Wind Retrofit
- Stabilization of the Desoto Ditch - Harbor Heights Side
- Water Quality/Water Flow and Elevation Monitoring
- Installation of Fiber Lines for Burnt Store Plant
- Hurricane Evacuation Route Widening and/or Elevating
- Prairie Creek Bridge Mitigation
- Shell Creek Bridge Mitigation
- Rio Villa Bridge Mitigation
- Dune Restorations
- Green Infrastructure (Surfaces)
- Bayshore Live Oak Park Seawall/Living Shoreline
- Hutchinson Residential Elevation Project
- Charlotte Sports Park Building B Stationary Transfer Switch
- Charlotte County Flood Control Mapping Updates
- Medical Examiner Water Tank/Solutions
- Charlotte County Jail Generator Enclosures
- Acquisition of Green Space in NW Port Charlotte
- Charlotte County Sports Park 3.0 Saferoom/ Retrofit
- Eastport Plant Generators
- Fuel Station Expansion
- Zemel Road Landfill Scale House
- Construction of New Fire Station 6
- Construction of New Fire Station 3
- Construction of a New Sheriff Administration Building
- Construction of New Fire Station 17
- Emergency Operation Center Expansion
- Construction of New Fire Station 9
- Construction of New District 5 Office

Stakeholder & Citizen Engagement



Charlotte County Office of Emergency Management
EM
PREPARE

Community Recovery Workshops

Together let's create a shared vision of a resilient Charlotte County.
We're seeking the active participation of our community in this journey.

ENGLEWOOD	PORT CHARLOTTE	PUNTA GORDA
Friday, July 14 2 p.m.	Friday, July 21 3 p.m.	Saturday, July 15 10:30 a.m.
Englewood Charlotte Library 3450 N. Access Road, Englewood, FL 34224	Port Charlotte Public Library 2280 Aaron St. Port Charlotte, FL 33952	Punta Gorda Charlotte Library 401 Shreve St., Punta Gorda, FL 33950

Charlotte County in coordination with Gulf Coast Partnership hosted three public engagement workshops in July 2023, bringing the conversation to communities across the county in Englewood, Punta Gorda, and Port Charlotte. Workshops were held at the following locations:

- Friday, July 14th: Englewood Library: 3450 N. Access Road, Englewood at 2:00pm
- Saturday, July 15th: Punta Gorda Library: 401 Shreve Street, Punta Gorda at 10:30am
- Friday, July 21st: Port Charlotte Library: 2280 Aaron Street, Port Charlotte at 3:00pm

Staff felt it was important to have the workshops spread across the entirety of the County, rather than hosting all meetings at the County Administration office. The workshops were promoted via the County's website, social media channels, and a press release detailing their purpose was distributed to local media outlets. A copy of the flyer distributed is located in the Appendix to this document. Charlotte County and Gulf Coast Partnership staff attended and facilitated all three workshops, listening carefully to the ideas and comments given by the attendees.

Despite the publicization of the workshops, they were sparsely attended. The July 14 meeting at Englewood Library had the greatest attendance, with 18 attendees. The July 21 meeting at Port Charlotte Library had the second greatest attendance, with 17 attendees. The July 15 meeting at Punta Gorda Library had the lowest attendance, with 10 attendees. Nevertheless, all three workshops were completed as intended.

At each workshop, Charlotte County and Gulf Coast Partnership provided a presentation on the status of short- and medium-term recovery efforts, as well as an overview of the long-term recovery planning that is ongoing. Topics fell under six categories known as Recovery Support Functions: Housing, Health and Human Services, Economic Recovery, Infrastructure, Natural & Cultural Resources, and Planning & Capacity Building. Presenters covered a variety of projects the County is considering during the planning process, and participants were provided an opportunity to ask questions and provide feedback throughout.

Following the presentation, participants were then invited to vote on the projects they would like to see implemented. Participants were able to identify their priorities through a sticker exercise, where each participant had the opportunity to vote on their preference of the 35 projects identified by the county. Apart from indicating their preferences for the previously identified projects, participants were given the opportunity to suggest additional projects for implementation. They could do so anonymously by filling out comment cards or by adding their ideas to an empty display board. The write-in responses and comment cards were collected and collated by staff, and the various answers grouped into similar categories for inclusion in this summary analysis.



A wide variety of projects were identified, but when the voting occurred clear priorities emerged.

The thirty-five projects identified, and top ranked answers were:

1. Medical University - Trauma Hospital (21 votes)
2. Cultural Center 2.0 (19 votes)
3. Senior Advocacy & Support Leadership Coordination (16 votes)
4. Blight Removal and Remediation (12 votes)
5. Meals on Wheels Repair Project (11 votes)
6. Build a Special Needs Hurricane Shelter and Training Center (11 votes)
7. Next Generation Senior & Assisted Living Housing Options (11 votes)
8. Communications Database (10 votes)
9. Childcare Capacity Expansion (9 votes)
10. Hotel/Motel Conversion (9 votes)
11. Housing Tiny Home Village (9 votes)
12. Mobile Medical Clinic – Expansion of Disaster Relief Services (8 votes)
13. Mental Health Services for Families in Times of Disasters (8 votes)
14. Next Generation Senior & Assisted Living Housing Options (8 votes)
15. Port Charlotte Middle School with Shelter (8 votes)
16. Charlotte Behavioral Health Care Central Receiving Facility Expansion (6 votes)
17. Adult Protective Services & Leadership Coordination (5 votes)
18. Community Land Trust (5 votes)
19. Charlotte Harbor CRA – Harborview Widening – Water Taxi (5 votes)
20. Integrated Response for Intervention and Support and Community Health Workers (4 votes)
21. Accessory Dwelling Units Pilot Project (4 votes)
22. Increase Opportunities for Home Ownership (4 votes)
23. Create a Land Bank (4 votes)
24. Veterans Boulevard and Cochran Boulevard – Widening to Four Lanes, Intersection Improvements and Excel/Decel Lanes (4 votes)
25. Bermont Road – Widening to Four Lanes from US-17 to SR-31 (4 votes)
26. Enhanced Charlotte Harbor & Inland Waterway Recovery (4 votes)

27. Student Housing (Studios & Shared Housing Units) (3 votes)
28. Residential Workforce Centers/ Employment Hubs/ Infrastructure (3 votes)
29. Expand Eco/Tourism Programming (3 votes)
30. Youth Drop-in and Emergency Shelters (2 votes)
31. Punta Gorda Interstate Airport Area Development & Infrastructure (2 votes)
32. Interchange at I-75 and Yorkshire Street (Sarasota County) Technical Assistance and Planning, Design and Construction (2 votes)
33. Improve Childhood Disability Awareness to Reduce Reoccurring, Health Support and Resources Inequities During Pre and Post Disaster Incidents (1 vote)
34. Housing Multi-Family Apartments (Studios & One Bedroom Units) (1 vote)
35. West Port Design/Installation of Infrastructure Improvements, Signalization, and Widening Toledo Blade (1 vote)

Write-in projects identified on display board:

- Easily Accessible Transportation
- Info on Available Resources
- Info Available for Non-Readers (ESL, Visual accessibility)
- HOA/Zoning Limitations for Housing
- Build a New Regional Library in PC
- List Buildings and Places where Internet is Available After Disaster
- Newspaper Produce Free Special Edition Following the Storm
- Use Committee and Volunteers to Assist in Producing and Gathering Info
- 2nd Bridge over to Myakka
- Better/More Evacuation Routes
- Community Assist with Navigating Insurance
- Community Info on Shelter Info; Resources; Post Storm News
- Database of Regular Contractors
- Long Term Assistance
- Affordable Housing

Input provided on comment cards:

- Make presentation available on the COAD website.
- Can we make strategic investment in underground utilities?
- What happens when the Wi-Fi goes out and you can't get online?
- More Homeless Assistance
- Analysis of failing seawalls in Port Charlotte. Increase of property taxes on top of damage costs makes seawall repair impossible for low-income homeowners.
- Information has to be out there to be utilized.
- We need street signs and streetlights replaced before 10 months after the hurricane. Trash needs to be picked up before rodents appear.
- Better healthcare and mental health systems. Pods with information and food sites
- Meeting on cultural center- We want it back!
- Answer phones at government services. Waste management. We need doctors, cancer surgery. No more Tampa center!
- Booklet idea: "Destinations and services" with every address and resource
- Turn mall into indoor water amusement park: water slides, surfing portal; wave pool, with hotel.
- Relocation services
- FEMA temporary housing didn't last long enough.
- No mass transit programs; buses/ light rail trains
- Local transportation. Local easily accessible communication hub for folks who have difficulty getting from one space to another.
- Failure of insurance companies to meet their obligations, and many structures are beginning to deteriorate. Words do not help us!!
- Still bad water quality; get access to gas quicker in the first week; insurance companies are too slow

Photos of the votes cast, as well as photos of the comment cards submitted by the participants and the write-in display boards for each workshop are included in appendices to this document.

Online Survey

In addition to the workshops, an online survey was developed to allow for greater participation of County residents to provide input for the recovery plan. The themes were selected due to the responses in an earlier unmet needs survey distributed by the County following Hurricane Ian and to align with FEMA Recovery Support Functions. All survey responses were received online, and none were entered manually. Residents who attended the workshop but who had not yet completed the survey were given the opportunity to take the survey via tablets onsite.

Question #1:

Respondents were asked to provide the zip code of their residence. The following list of zip codes were identified more than 10 times, and the corresponding community has been added as an identifier. Zip codes identified less than 10 times were excluded here.

1. 33952 – Port Charlotte (206)
2. 34224 – Englewood (204)
3. 33950 – Punta Gorda (180)
4. 33981 – Port Charlotte (146)
5. 33948 – Port Charlotte (131)
6. 33947 – Rotonda West (116)
7. 33983 – Punta Gorda / Harbour Heights (115)
8. 33954 – Port Charlotte (68)
9. 33980 – Punta Gorda / Charlotte Harbor (67)
10. 33955 – Punta Gorda (62)
11. 33953 – Port Charlotte (52)
12. 33946 – Placida (52)
13. 33982 – Punta Gorda / Babcock Ranch (49)
14. 34223 – Englewood / Manasota Key (43)
15. Other – (82)

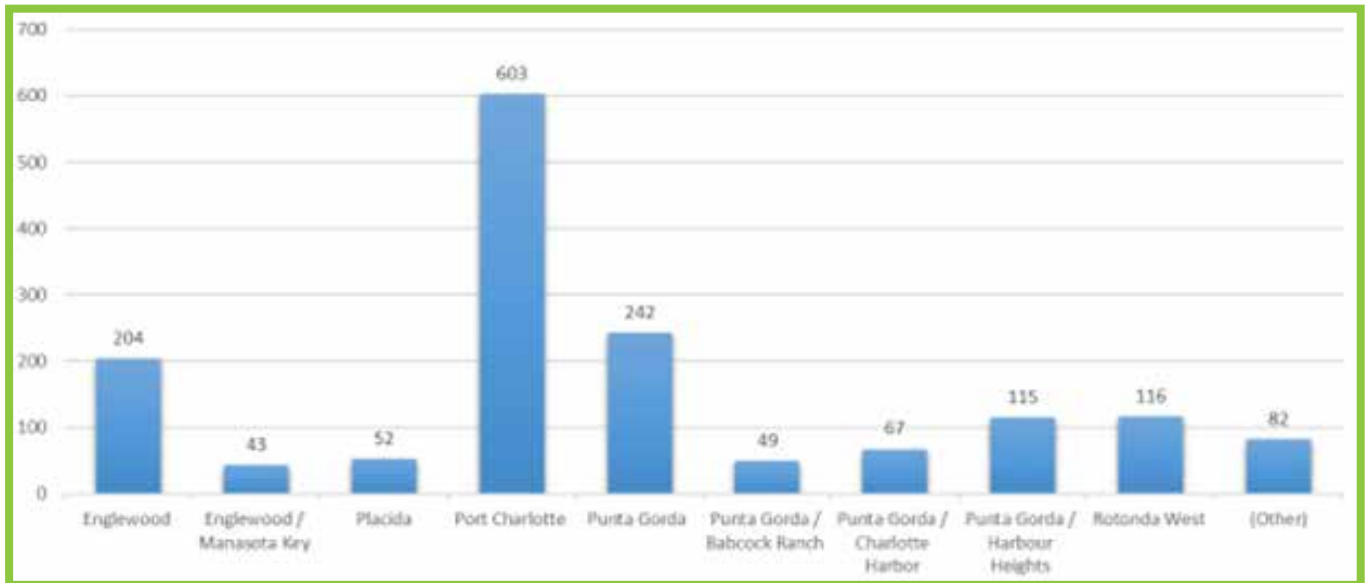


Figure 23: Community Participation in Online Survey Based on Zip Code

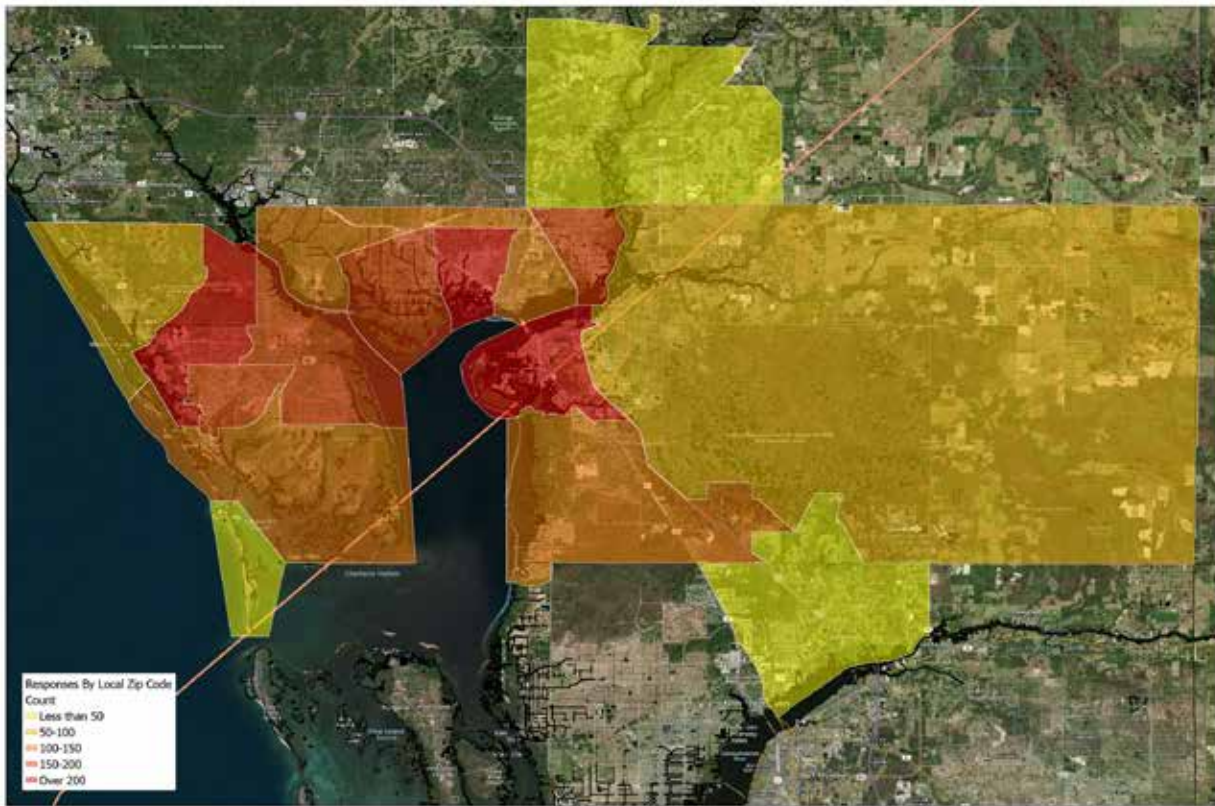


Figure 24: Heat Map Community Participation in Online Survey

Question #2:

Respondents were asked to prioritize the list below from top priority to least for the community's recovery and resiliency. Items here are listed in alphabetical order.

- Arts, entertainment, and culture
- Childcare/ K-12 education
- Economic development and revitalization
- Health care
- Housing rehabilitation and reconstruction
- Infrastructure (i.e., roads, bridges, evacuation corridors, water and sewer, and other facilities that deliver public services)
- Mental health care
- Mitigation and resilience projects to reduce future disaster impacts
- New affordable/attainable housing construction
- Parks and recreation areas

As demonstrated by the figures below, respondents overwhelmingly ranked Infrastructure, Mitigation/Resiliency Projects, and Housing Rehabilitation and Reconstruction as the top three priorities for community recovery. Alternatively, Arts/Entertainment and Culture, Parks and Recreation Areas, and Childcare and K-12 Education received the most votes as lowest priorities for community recovery.

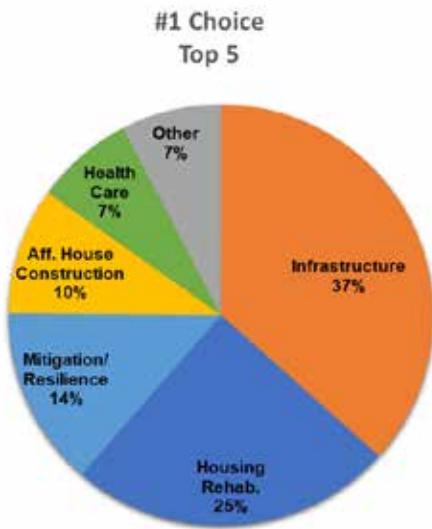


Figure 25:
Top Categories Receiving
Most #1 Priority Ranking

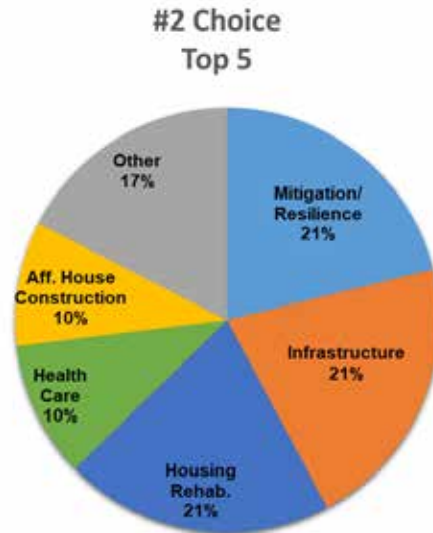


Figure 26:
Top Categories Receiving
Most #2 Priority Ranking

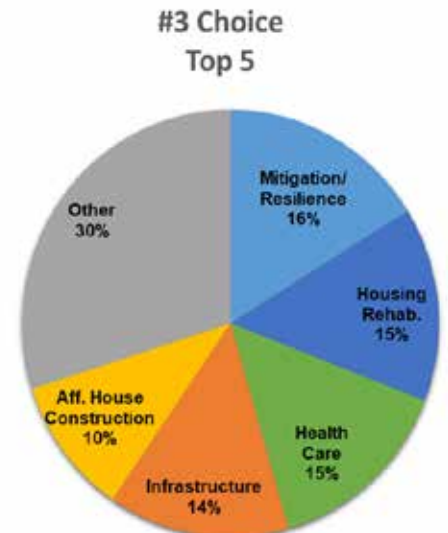


Figure 27:
Top Categories Receiving
Most #3 Priority Ranking

Data analysis in the figure below showcases an interesting data point concerning New Affordable Housing Construction. There was little consensus among the countywide respondents regarding this topic, as a relatively even spread from 1st through 10th rankings emerged. Lighter gradient cells indicate the higher total votes cast per category.

ANALYSIS:	Categories	1	2	3	4	5	6	7	8	9	10
1	Infrastructure (i.e. roads, bridges, evacuation corridors, water and sewer, and other facilities)	553	330	221	127	111	71	56	52	26	22
2	Housing rehabilitation and reconstruction	372	322	231	177	136	85	82	58	57	49
3	Mitigation and resilience projects to reduce future disaster impacts	208	332	254	213	138	130	95	75	71	53
4	New affordable/attainable housing construction	147	149	164	165	180	156	145	156	121	186
5	Health care	113	162	229	204	223	225	177	109	81	46
6	Mental health care	61	97	135	183	208	242	248	192	122	81
7	Economic development and revitalization	51	76	144	204	212	211	184	217	153	117
8	Child care/ K-12 education	35	56	110	159	171	198	233	224	186	197
9	Parks and recreation areas	21	37	51	92	123	141	217	287	393	207
10	Arts, entertainment, and culture	8	8	30	45	67	110	132	199	359	611

Figure 28: Cumulative Vote Counts Highest to Lowest Priority Ranking in Online Survey Question #2

Question #3

Other: Respondents were provided an opportunity to write-in other options not listed in Question #2, or to expound on why they chose the priority ranking they did. The following list summarizes the responses into themes that were present throughout the write-in responses. Full responses are detailed in the raw data outputs provided. The numbering of the following list is arbitrary, and value should not be assigned by the order in which the list is presented. Responses with no text entry were excluded from the tally.

If there are any other options not listed above or if you have any comments and would like to describe the reason for your prioritization for question #2 please use the section below:		Count:
1	Accessibility/ Price of Medical & Mental Care	49
2	Repaired Infrastructure/ Debris Removal / Environmental Cleanup	146
3	Increased Community Cooperation/ Public Activities	41
4	Communication/ Increased Access to Information	45
5	Insurance Aid/ Accountability from Insurance Companies	86
6	Swifter Disaster Response/ Improved Preparation	41
7	Assistance with Housing Repair	33
8	Affordable Housing/Cost of Living	49
9	Other Response	46

Figure 29: Write-in responses to Question #2-Other were analyzed and summarized into themes

The Repaired Infrastructure/Debris Removal/Environmental Cleanup theme was present in 27% of the 536 responses received. Themes were assigned based on keyword searches of the narrative responses provided by respondents. Below is a list of the themes and their corresponding keywords:

Theme	Keywords
Accessibility/ Price of Medical & Mental Care	Hospital; Health; Medical; Medicine; Counseling
Repaired Infrastructure/ Debris Removal	Debris; Infrastructure; Road; Power; Electric; Development; Rebuild; Sign
Increased Community Cooperation/ Public Activities	Park; School; Rec Center; Police; Crime
Communication/ Increased Access to Information	Internet; Phone; Cell; Communications; Text
Insurance Aid/ Accountability from Insurance Companies	Insurance; Company; Account; Tax
Swifter Disaster Response/ Improved Preparation	Prep; Preparation; Recovery; Generators; Gas; Shelter; Fuel
Assistance with Housing Repair	Contractor; Roof; Damage; Repair; Permit
Affordable Housing/Cost of Living	Housing; Affordable; Financial; Cost; Afford; Pet; Child; Displaced; Price
Other Response	N/A

Figure 30: Keywords Identified in Write-in Responses to Question #2



Question #4:

Respondents were asked to indicate how they received information and news updates before, during, and after Hurricane Ian. The following list captures the responses with the highest votes, along with cumulative vote count. All remaining write-in responses were provided 4 or less times, and the full data are included in the addendum.

1. Television (420)
2. Online News Websites (282)
3. Social Media (241)
4. Radio (233)
5. Friends and Neighbors (184)
6. Family (50)
7. Print Newspaper (16)
8. [Other: Write-in] All of the above (8)

Responses indicate an overwhelming number of respondents relied on television as a source of news and information updates before, during, and after Hurricane Ian. Online News Websites constituted the second-most relied upon mode of information sharing, with social media and radio close behind. Some respondents utilized the write-in option to suggest that this question be separated out in future surveys, as the options for receiving information during and immediately after impact dwindled significantly due to utility outages such as power, cell service, and internet. Figure below demonstrates the vast reliance upon information sources that depend on these factors, accounting for 66% of total responses.

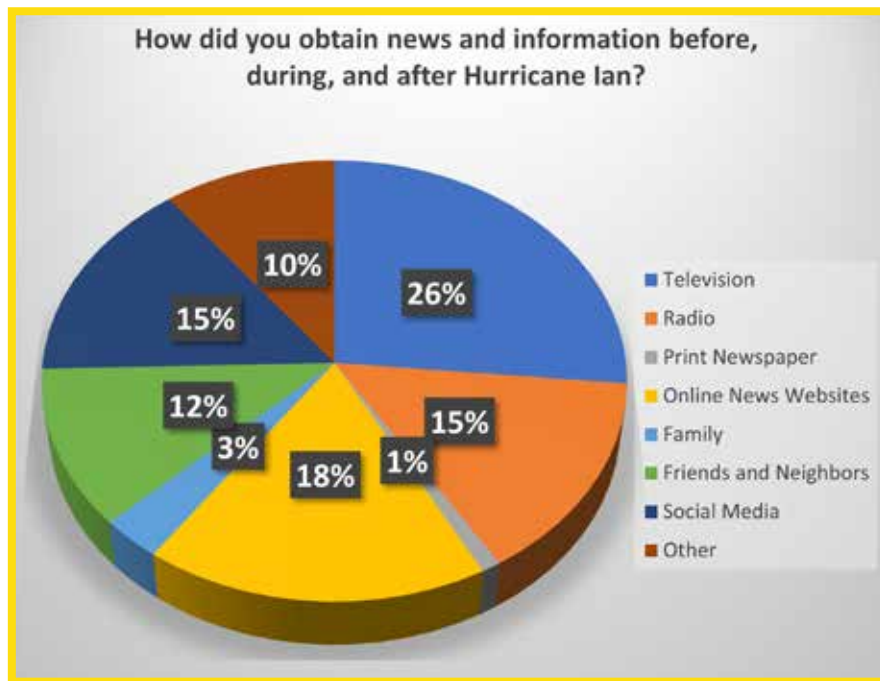


Figure 31: Breakdown How Respondents Received Information

Question #5:

Respondents were asked to rank their personal experiences with persistent mental health and stress related impacts following Hurricane Ian by assigning a degree of impact to each question. The options were Strongly Agree, Agree, Neither Agree nor Disagree, Disagree, and Strongly Disagree.

5a. Do you feel as though your stress level/mental health was affected by Hurricane Ian?

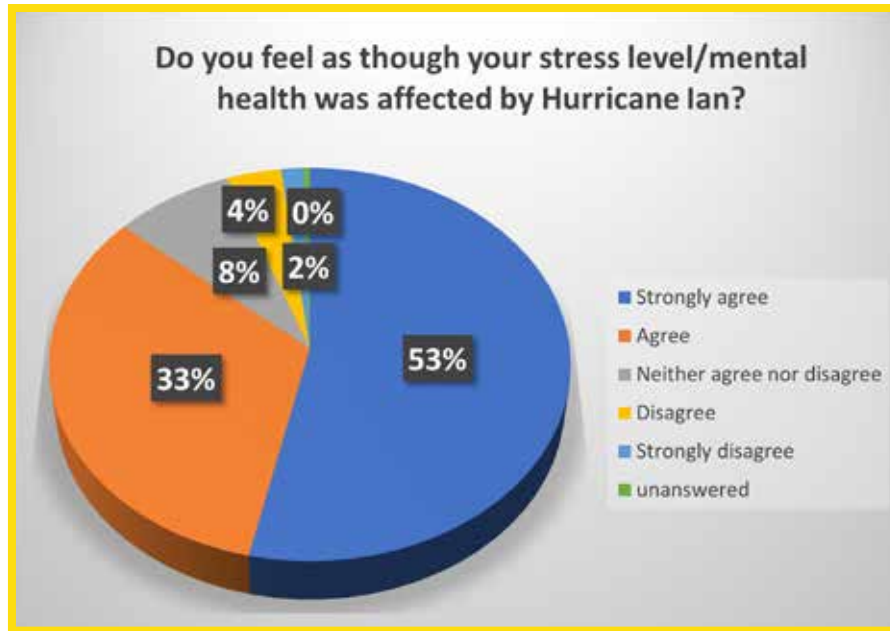


Figure 32: Level of Stress Level/Mental Health

5b. Are you still experiencing feelings of increased stress/mental health issues as a result of Hurricane Ian?

Are you still experiencing feelings of increased stress/mental health issues as a result of Hurricane Ian?

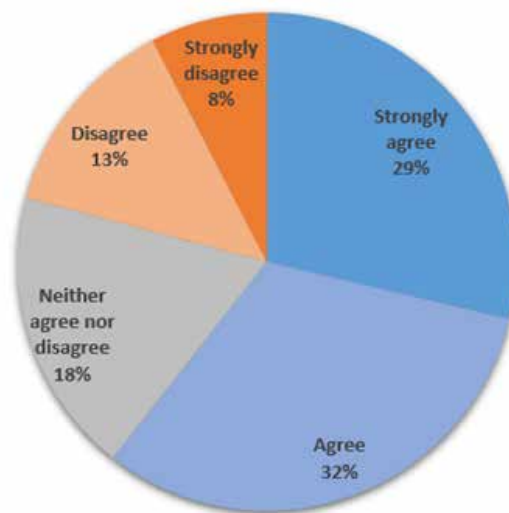


Figure 33: Experiencing Feelings of Increased Stress/Mental Health Issues

5c. Do you feel that your ability to plan/prepare for hurricane season/future natural disasters is diminished or affected by Hurricane Ian?

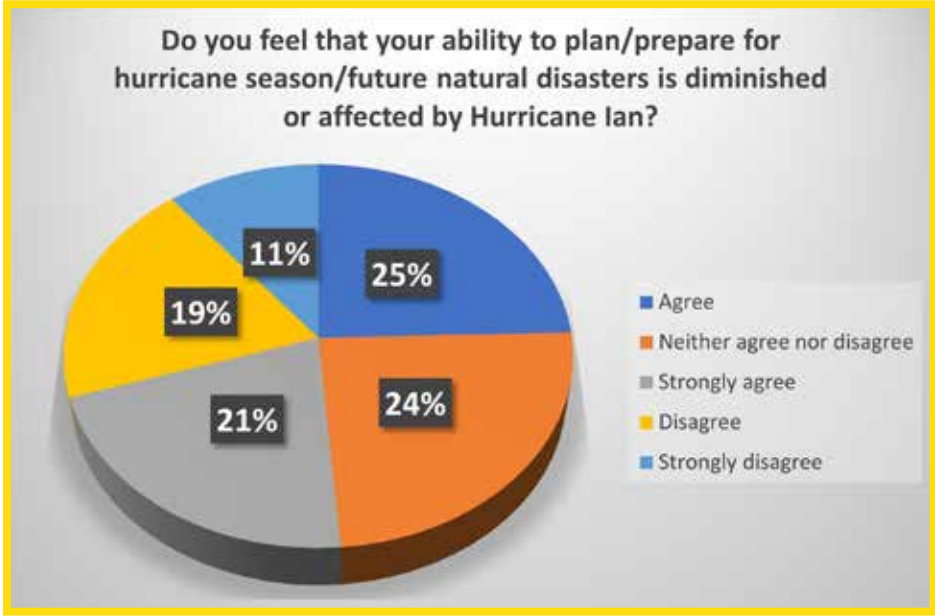


Figure 34: Diminished Ability to Plan/Prepare for Future Storms

5d. Do you feel that you have the support system and available resources in place to address your increased stress/mental health issues?

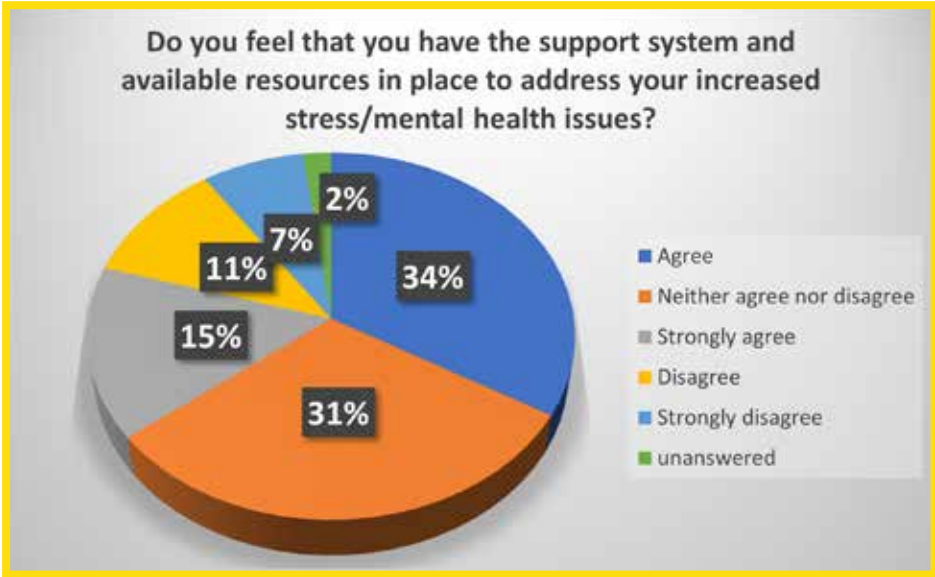


Figure 35: 49% of respondents feel they have the support system and resources to address their increased stress/mental health issues.

5e. (Only answer this question if you are employed) Do you feel as if your mental health/stress level as a result of Hurricane Ian may affect your job performance on some level if another natural disaster occurs?



Figure 36: 58% of respondents indicated they feel their mental health/stress level may impact their job performance if another disaster occurs.

The major theme of the responses here indicate that Hurricane Ian had an extensive and enduring impact on the stress and mental health of Charlotte County residents. Catastrophic natural disasters present critical needs for mental health resources, and Charlotte County prioritizes this need in both steady-state and post-disaster environments. 49% of respondents indicated they feel they have the support and resources needed to address these challenges, with an additional 32% indicating a neutral feeling – only 19% of respondents feel they do not have adequate support or resources available to them.

Question #6:

Respondents were provided an opportunity to write-in suggestions and ideas about what they feel is needed on a community level to improve mental health/stress. The following list summarizes the responses into themes that were present throughout the write-in responses. The numbering of the list is arbitrary, and value should not be assigned by the order in which the list is presented. Responses with no text entry were excluded from the tally.

What do you feel is needed on a community level to improve mental health/stress?		Count:
1	Accessibility/ Price of Medical & Mental Care	362
2	Repaired Infrastructure/ Debris Removal	91
3	Increased Community Cooperation/ Public Activities	78
4	Communication/ Increased Access to Information	135
5	Insurance Aid/ Accountability from Insurance Companies	130
6	Swifter Disaster Response/ Improved Preparation	83
7	Assistance with Housing Repair	46
8	Affordable Housing/Cost of Living	76
9	Other Response	122

Figure 37: Write-in responses to Question #6 were analyzed and summarized into themes.

The Accessibility/Price of Medical and Mental Care theme was present in 32% of the 1,123 responses received for this question. Themes were assigned based on keyword searches of the narrative responses provided by respondents. Below is a list of the themes and their corresponding keywords:

Theme	Keywords
Accessibility/ Price of Medical & Mental Care	Hospital; Health; Medical; Medicine; Counseling; Therapy; PTSD; Support Group; Clinic
Repaired Infrastructure/ Debris Removal	Debris; Infrastructure; Road; Power; Electric; Development; Rebuild; Sign
Increased Community Cooperation/ Public Activities	Park; School; Rec Center; Police; Crime
Communication/ Increased Access to Information	Internet; Phone; Cell; Communications; Text
Insurance Aid/ Accountability from Insurance	Insurance; Company; Account; Tax
Swifter Disaster Response/ Improved Preparation	Prep; Preparation; Recovery; Generators; Gas; Shelter; Fuel
Assistance with Housing Repair	Contractor; Roof; Damage; Repair; Permit
Affordable Housing/Cost of Living	Housing; Affordable; Financial; Cost; Afford; Pet; Child; Displaced; Price; Homeless
Other Response	N/A

Figure 38: Keywords identified in write-in responses to Question #6 that were used to identify emergent themes.

Question #7:

Respondents were provided an opportunity to write-in suggestions and ideas about how Charlotte County can be more prepared for and resilient to future disasters. Figure 39 below summarizes the responses into themes that were present throughout the write-in responses. Full responses are detailed in the addendum. The numbering of the following list is arbitrary, and value should not be assigned by the order in which the list is presented. Responses with no text entry were excluded from the tally.

How can Charlotte County be more prepared for and resilient to future disasters?		Count:
1	Access to Necessities and Resources	191
2	More Resilient Infrastructure/Power Grid/Communication	207
3	Improved Hurricane Shelters	106
4	More Community & Municipal Involvement/Disaster Education	168
5	Improved Disaster Warning Systems	112
6	Insurance Aid/Accountability from Insurance Companies	56
7	Improved City Planning/Urban Development	78
8	Assistance With Housing Repair	44
9	Affordable Housing/Cost of Living	26
10	Other Response	161

Figure 39: Write-in responses to Question #7 were analyzed and summarized into themes.

The primary themes that emerged were More Resilient Infrastructure/Power Grid/Communication and Access to Necessities and Resources, present in 34% of the 1,149 responses received for this question. Themes were assigned based on keyword searches of the narrative responses provided by respondents. Figure 40 below is a list of the themes and their corresponding keywords:

Theme	Keywords
Access to Necessities and Resources	Food; Water; Gas; Supplies; Volunteer; Fuel; Tarp
More Resilient Infrastructure/Power Grid/Communication	Strengthen; Mitigation; Sign; Radio; Internet; Phone
Improved Hurricane Shelters	Shelter; Maintenance; Frequency; Accessibility
More Community & Municipal Involvement/Disaster Education	Plan; Learn; List; Update; Government; Education; Educate
Improved Disaster Warning Systems	Inform; Radio; News; Evacuation; Road; Communication
Insurance Aid/Accountability from Insurance Companies	Insurance; Company; Account; Tax; Accountable
Improved City Planning/Urban Development	Urban; Develop; Retire; Plan; Permit
Assistance With Housing Repair	Assistance; Temporary; Neighborhood; Homes; Damaged
Affordable Housing/Cost of Living	Homeowners; Provide; Homeless; Financial; Rent; Mortgage; Affordable
Other Response	N/A

Figure 40: Keywords identified in write-in responses to Question #7 that were used to identify emergent themes.

Question #8:

Finally, respondents were asked whether Hurricane Ian has caused them to consider moving out of their community by providing a response of Yes, Unsure, or No.

- 1. Yes (340)
- 2. Unsure (359)
- 3. No (902)

Cumulative vote totals are provided. A variety of assumptions could be made for those who are considering leaving the community – such as financial considerations, insurance, ability to rebuild, risk/safety, stress/mental health, or job loss to name a few, but results were not interpreted or assigned any context. However, a clear majority of respondents are decidedly remaining within their communities. Still, as shown below in Figure 41, 21% of respondents indicated they are considering leaving.

Are you considering moving out of the community as a result of Hurricane Ian?

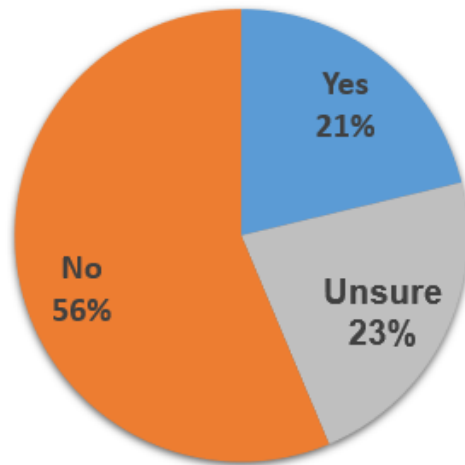


Figure 41: Respondents indicated whether they are considering leaving their community as a result of Hurricane Ian's impacts.

Coastal communities like Charlotte County face unique challenges in the face of disasters. Charlotte County's Local Mitigation Strategy identifies nine natural hazards with a medium to high probability of occurrence. High means the hazard could occur every year; medium means the hazard could occur within a five-year period.

As of 2020, Charlotte County had 47,961 homes built before the code change in 1992 and 11,848 mobile homes per the County's Local Mitigation Strategy. This would make 60% of the homes in Charlotte County vulnerable to tropical cyclones or high wind events. Additionally, over 2% of Charlotte County's structures are located in the coastal erosion hazard area.

In review of the results of the online survey input, it is clear that the Charlotte County community is committed to vulnerability reduction, evidenced by the overwhelming emphasis on infrastructure throughout the survey responses, and improved community resiliency as it relates to stress and mental health impacts. This data reinforces the importance of the involvement of the whole community in sustained recovery, preparedness, and resiliency planning.

The results of the survey and public workshop data show that residents are both interested in, and responsive to calls for, collaborative approaches to community recovery. While it is clear from these results that Hurricane Ian impacts continue to be felt in a variety of manners, each resident who shared their vision and priorities for the future of their community demonstrated commitment to long term sustainable solutions that will result in improved community resiliency. The primary themes that emerged from this data collection:

- Infrastructure
- Mitigation/Resiliency
- Housing (to include insurance related concerns)
- Stress and Mental Health Impacts

COAD – Neighborly System Hurricane Ian Long-Term Recovery

- 1,297 Total Applications Received (as of 10/30/2023)
- 949 Cases Closed
- 63 Active Open Referrals
- 348 Active Applications

Sample Questions asked in the COAD Neighborly Application System for Unmet Needs:

G.1. Special Needs and Medical Accommodations: Select all special or medical needs that apply to you or someone in your household.

- None
- Disability
- Assistive devices and/or durable medical equipment
- Pets (describe number and breed below)
- Other

Provide detail for options selected above.

G.2. Select all unmet needs that you currently have.

- None
- Insurance Deductibles
- Child Care
- Clothing
- School Supplies
- Medical Care
- Transportation
- Technology/Communication Service and/or Equipment
- Legal Services
- Prescription Renewal
- Groceries
- Access to Temporary Power
- Replacement of Florida State ID or Drivers License
- Replacement of Social Security Card or other vital documents
- Replacement of Prescription Glasses and/or Hearing Aids
- Air Conditioning Repair/Replacement
- Interior Flooding/Water Damage
- Tarp
- Roof Repair
- Window/Floor/ Wall/Ceiling Repair
- Debris Removal
- Electrical Repairs
- Garage, Porches, etc Repair
- Spiritual Counseling
- Mental Health Counseling
- Temporary Housing (60-90 days)
- Long Term Housing (90 days or more)
- Seawall
- Furniture/Appliances

Lessons Learned and New Approaches

Lessons Learned

The official Hurricane Ian After Action Report is under development and will be made publicly available upon completion. Hurricane Ian can serve as learning experiences for state and local leaders, disaster response experts, federal government agencies, and the country as a whole. As Ian's effects are more fully understood, we must keep everyone with a stake in disaster relief and recovery in the loop about the lessons we learned.

Finding housing solutions for those displaced by disasters takes a long time

Those who are the most in need of housing after natural disasters are among the most vulnerable and are disproportionately renters rather than homeowners. Renters usually have less political influence than homeowners and this causes disaster support programs to prioritize homeowners during recovery efforts. Charlotte County's Long Term Recovery planning efforts have kept low-income and vulnerable renters at the top of prioritization processes.

The effect of hurricanes on children's physical health, mental health, and schooling

Hurricane Ian damaged most school buildings in Charlotte County, temporarily displacing students as they dealt with the trauma of the storm. Students in our community are still re-adjusting and making up for lost educational gains due to COVID-19. As children and families are processing the trauma of the storm, the financial burdens of repairs or relocation, and living in less-than-ideal housing situations – the loss of school stability can have a negative effect on academic progress as well as physical and mental health.

Economic recovery will require planning

Federal recovery dollars can provide a short-term boost for our economy, but it will take creative planning to have those dollars churn sustained economic growth. We need a robust economy that provides a solid foundation for recovery.

Swift funding and coordination by Federal & State agencies is key

The speed of action, scale of aid, and interagency coordination can set a strong foundation for helping our people and community restore our lives and activities.

Embrace Resilience

We must embrace resilience as the new planning norm. Resilience—which refers to how communities plan, design, build, and manage themselves - requires not only local strategies but the support and coordination of the federal, state, and local governments.

We need a deeper bench of qualified staffing support

In most cases one individual from a department or organization takes on the role of disaster response and recovery. They are the people who are read in on policies and training activities, etc. The issue is deeper than just having more people at the table and participating. Those additional people need to be working year-round to develop the networks, contacts, and relationships necessary to respond effectively at the time of a disaster.

There should be designated spaces to accomplish the work that needs to be done

The most valuable parcels of real estate following the storm seemed to be large parcels of vacant land. Paved with utilities and large open fields. National organizations, as well as State and Federal Agencies descended and locked up these parcels very quickly. Local planning efforts should include creating pre-storm agreements with landowners for the types of properties that will be required for local efforts and organizations.

Communication is vital

Without electricity, cell phone service, or internet – many citizens and local organizations felt disconnected. Ensuring that critical people, departments, and organizations have access to satellite cell service and internet connectivity in advance of another storm would reduce confusion and expedite access to assistance.

Out of area support contracts and services can provide immediate relief

Having a pre-arranged capacity for call centers, website management, issuing communications, etc. with people and organizations from out of the state, county, or affected area proved helpful and should be part of plans for response and recovery going forward.



COAD

COAD stands for “Community Organizations Active in Disaster.” A COAD is a local group of community organizations that coordinates emergency human services, while working in concert with partner agencies, including the local emergency management agency and social service agencies, during all stages of a disaster.

When a disaster occurs, neighbors and community organizations are often eager to help. The Charlotte County COAD is a group formed to improve awareness of the needs of the community and connect the capabilities of community partners with those needs during all stages of an event. The Charlotte County COAD works to provide opportunities for community organizations to get involved to make the community and its members safer and more prepared for disasters of all kinds.

A few of the areas identified for improvement and future planning include:

- Designated spaces and organizations to managing spontaneous donations of goods
- Designated spaces and organizations for managing spontaneous volunteers as well as state and federal volunteer agencies
- Capacity for a base camp for volunteer organizations
- Hardware and connectivity for case management, field damage assessment, and intake for residents
- Meeting and warehouse space
- Access to forklifts, pallet jacks, and box trucks for moving materials
- Selection of a software solution with the input of the COAD, national volunteer organizations, state and local governments, and other partners to expedite the ability to accept applications for assistance and referrals
- Year-round staffing capacity to have a more substantial role in preparedness efforts and public education

Charlotte County Long-Term Recovery Projects

1. Senior Advocacy & Support Leadership & Coordination

ACTION:

Establish a network of agencies working in collaboration to provide a continuum of senior services for persons ages 62+.

TASK I: Convene potential partners to begin planning process

TASK II: Identify a lead agency to champion efforts

TASK III: Identify space and staffing needs and build capacity of the lead agency and the system of care

TASK IV: Build a sustainable funding model, raise funds, and implement programming

TASK V: Implement programming and continually perform system monitoring

2. Adult Protective Services Leadership & Coordination

ACTION: Provide a path to success, friendship, and careers for adults ages 18+ to 64 with disabilities

TASK I: Convene potential partners to begin planning process

TASK II: Identify a lead agency to champion efforts

TASK III: Identify space and staffing needs and build capacity of the lead agency and the system of care

TASK IV: Build a sustainable funding model, raise funds, and implement programming

TASK V: Implement programming and continually perform system monitoring

3. Meals on Wheels of Charlotte County Repairs Project Form

ACTION: Meals on Wheels of Charlotte County is dedicated to addressing senior isolation and hunger. Monday through Friday, volunteers, deliver a nutritious meal, friendly visits, and safety checks that enable our seniors to live nourished lives with independence and dignity

TASK I: Recruit/Hire/Train New Chef

TASK II: Expand network of referring agencies to include Country Senior Services

4. Communications Database

ACTION: A shared database to track Charlotte County residents applying for financial assistance following a natural disaster. Services are provided through Charlotte County Health & Human Services nonprofit case management partners.

TASK I: Outline the needs of Charlotte County

TASK II: Purchase, buildout, and training of software

TASK III: Implementation of case management

5. Childcare Capacity Expansion Plan

ACTION: To increase the availability of affordable, quality childcare in Charlotte County, this plan will address the top two issues – staffing and safe sites.

TASK I: Offer new hires \$5,200 sign-on bonus that will be deposited in a retirement account in \$100/month increments through the first year of employment (or for as long as the individual remains employed with that provider). (Begin with 25 new early learning teachers)

TASK II: In tandem with the above option, partner with local Credit Unions to offer cash bonus for childcare staff opening up an IRA (or similar) with them. Childcare providers can offer a monthly or annual stipend to be deposited into these accounts (in addition to any new hire bonus, as noted above) to further incentivize both new and existing staff to remain employed in the industry

TASK III: Coordinate on-site assistance with the Health Planning Council of Southwest Florida to have ACA Navigators enroll eligible, interested staff in Marketplace health insurance

TASK IV: Provide funding to providers who have outstanding playground equipment and fencing needs due to Hurricane Ian

6. Improve Childhood disability awareness to reduce reoccurring, health support and resources inequities during pre/post manmade or natural incidents or events

ACTION: This proposal is meant to prepare children and young adults with a medical or functional and access need for all hazard emergencies. The overall vision is to improve a strong coalition of subject matter experts such as Pediatricians, school administrators, Health Departments, Disability rights consultants and so forth to reduce healthcare gaps post emergency incidents.

TASK I: Integrate every partner agency in Charlotte and region counties that offer variety of resources to children with disabilities prior to man-made or natural incidents (no-income based)

- TASK II:** Increase awareness of statistical inequalities linked to CDC Social Vulnerability Index (SVI) primary with civilians with a disability
- TASK III:** Clarify emergency resilient measures in a Childs Individual Evaluation Plan (IEP) with legal support to assist both nurse, teachers, and school administration how to best care for a medically dependent child while on school premises. (Active shooter, tornados, fires, shelter in place, hazardous spills, severe weather [non-hurricane] civil riots, etc.)
- TASK IV:** Collaborate best management practices on prioritizing transportation, medial supply/equipment movement, pharmaceutical and other health care provider support sustainable sites to support a child's level of medical care during times of manmade or unman made incidents

7. Youth Drop-in and Emergency Shelters

ACTION: A place for community organizations that work with youth to host events and where youth-specific classes, educational and mental health services could be provided. It would also have studio units with exterior entrances that would be used for short-term emergency sheltering for young people between the ages of 18-24 years old.

- TASK I:** Identify existing facility with capacity to house youth services
- TASK II:** Identify partners who will partner for services
- TASK III:** Identify funding strategy
- TASK IV:** Construct and furnish the facility

8. CBHC Central Receiving Facility Expansion

ACTION: A behavioral crisis hub that receives patients and serves as a coordinated point of entry for adults and youth needing evaluation or stabilization for a person experiencing an acute mental health or addiction crisis

- TASK I:** Meet with Architect to determine feasibility of building changes for new children's unit
- TASK II:** CBHC to obtain bids from multiple contractors for both the Central Receiving Facility and the Recovery Center
- TASK III:** Upon completion of Recovery renovation, move children
- TASK IV:** Begin renovation of the existing Central Receiving Facility

9. IRIS – Integrated Response for Intervention and Support and Community Health Workers

ACTION: Recognizing the need for more efficient and effective mental health crisis responses, Charlotte County Sheriff's Office has partnered with Charlotte Behavioral Health Care to provide an immediate, multi-faceted response.

TASK I: Establish funding sources for long-term sustainability

TASK II: Develop team coordination with stakeholders and responders for sharing of information

TASK III: Design and implement data sharing and referral system for integration of various community resources for linkage to care

TASK IV: Design and develop performance metrics and dashboard for strategic planning and programmatic changes to meet community needs



10. VBA Mobile Medical Clinic – Expansion of Disaster Relief Services

ACTION: This project proposes the expansion of the Virginia B. Andes Volunteer Community Clinic (VBA) Mobile Health Clinic to address the issues faced by disrupted healthcare facilities due to disasters, such as Hurricane Ian leaving the affected communities, specific to Charlotte County without access to sufficient health care.

TASK I: Meet with designated Community Partners to expand Disaster Relief Services through a Strategic Planning Process

TASK II: Maintain a Sustainable funding model specific to Disaster Relief and continue to secure funds

TASK III: Implement Disaster Relief services, as needed and continually perform system monitoring through Mobile Health Map

11. Mental Health Services for Families in times of Disasters

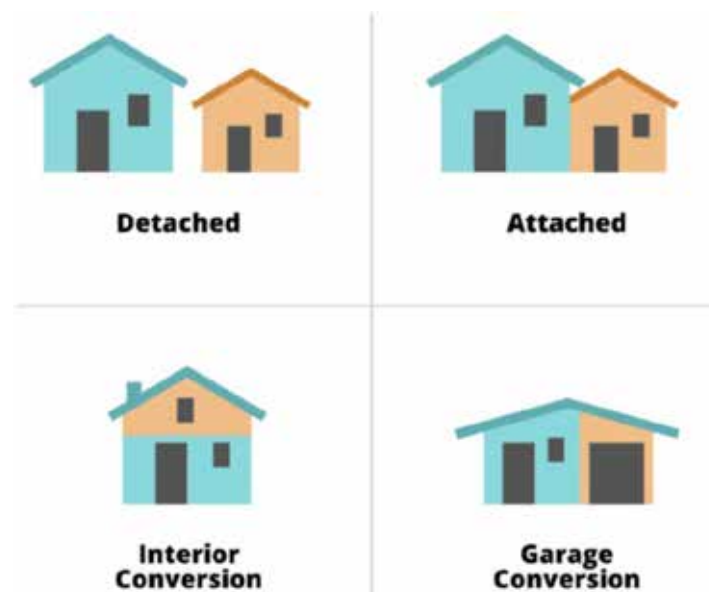
ACTION: Provide Mental Health services and support groups for families before/during/ after a natural disaster. These services could physically, mentally, and emotionally prepare/guide families prior to a natural disaster

- TASK I:** Recruitment of licensed clinical social workers & interns, counselors, psychologists, & mental health professionals
- TASK II:** Designate districts & venues in our community to where the mental health professionals would serve
- TASK III:** Advertise 24-hour hotline/website/Facebook where mental health services can be reached
- TASK IV:** Implement the plan

12. Build a Special Needs Hurricane Shelter and Training Center

ACTION: Build a structure that can accommodate up to 1200 medically needy residents that are on the registry along with their caregivers and staff would allow the county to meet the identified target number of special needs residents set by the state.

- TASK I:** Purchase land or use existing county land in the green or purple zoned areas of the county that are well outside of flood zones
- TASK II:** Determine funding sources
- TASK III:** Invite partners and input for programming



13. Accessory Dwelling Units Pilot Project (Scalable)

ACTION: Accessory Dwelling Units (ADU) are additional living quarters typically on single-family lots that are independent from the primary dwelling unit. An ADU can be an apartment within a primary residence, or it can be attached or a freestanding home on the same lot as the primary residence

- TASK I:** Present Affordable Housing Advisory Committee (AHAC) recommendations regarding the development of ADUs to the Charlotte County Board of County Commissioners
- TASK II:** Work with Planning and Zoning to update language and provide public education
- TASK III:** Implement strategy to develop ADUs

14. Hotel/Motel Conversion

ACTION: Commercial rezoning for existing business renovation for affordable housing assistance with voluntary support

- TASK I:** Explore possibility of expedited approval processing for 3900 code conversion to multi-family/residential
- TASK II:** Secure funding for acquisition offers through state and local sources, PHA's non-profit based donors
- TASK III:** Validate interest in sale after market-rate offer for acquisition
- TASK IV:** Run property(s) through local land-use code change/approval process
- TASK V:** Project manage conversion for kitchenette additions and standardized facility hardening

15. Blight Removal and Remediation

ACTION: Demolish residential structures blighted by Hurricane Ian and prepare for redevelopment

- TASK I:** Identify fund source (SHIP, CDBG-DR, etc.) and secure approval of Blight Removal strategy in the Local Housing Assistance Plan (LHAP). Approval required by funder (FHFC or DEO), AHAC, and BOCC
- TASK II:** Identify properties appropriate for Blight Removal project and acquire through appropriate means (donation, seizure, and purchase)
- TASK III:** Demolish blighted structures, remove debris, and prepare site for transfer to eligible non-profit developer or provider

TASK IV: Administer RFA for Disposition of Surplus Properties through the AHAC/Charlotte HOME process. Seek BOCC approval of recommendations for transfer of properties.

TASK V: Execute Developer Agreements and LURAs transfer of properties to selected developers/providers

16. Community Land Trust

ACTION: A Community Land Trust (CLT) is a non-profit organization governed by a board of residents, community residents, and public representatives that provide lasting community assets and permanently affordable housing opportunities for families and communities. However, the heart of their work is the creation of homes that remain permanently affordable, providing successful homeownership opportunities for generations of lower income families. The Peace River Community Housing Partners (PORCH) is Charlotte County's Community Land Trust (CLT) exclusively dedicated to affordable rental housing development in our community. Eventually PORCH will become a Community Housing Development Organization (CHDO).

TASK I: PORCH hires full time Executive Director

TASK II: Community Land Trust Training & Certification

TASK III: Community Housing Development Organization

17. Increase Opportunities for Home Ownership

ACTION: Funding in direct response to Hurricane Ian could provide an opportunity to increase the number of residents assisted with the purchase of a new home. The County's Housing Department will need to increase their capacity to administer this type of assistance. It is proposed that Charlotte County initiate a sub-recipient agreement with the Housing Finance Authority of Lee County to reach a larger number of potentially eligible homebuyers with State Housing Initiatives Partnership (SHIP) funding as well as tapping into private lending institutions. SHIP purchase assistance can provide up to \$75,000 per eligible household (including down payment assistance, closing costs and gap financing) to help low-income homebuyers keep payments within their level of affordability.

TASK I: Affordable Housing Advisory Committee and Housing Finance Authority of Lee County meet to determine feasibility of a sub-recipient agreement for SHIP purchase assistance.

TASK II: Affordable Housing Advisory Committee and Housing Finance Authority of Lee County board consider recommendation for SRA and vote, as appropriate.

TASK III: Draft agreement between Charlotte County BOCC and Housing Finance Authority of Lee County for approval.

TASK IV: Allocate funds to Housing Finance Authority of Lee County for administration.

18. Land Bank

ACTION: Charlotte County has been greatly affected by a lack of multi-family rental properties and Hurricane Ian only exacerbated the situation. The demand for rental housing has driven costs to exorbitant levels and many residents are unable to remain in the community. Land banking plays a variety of different roles in community development. These include providing a mechanism for assembling parcels of tax delinquent or abandoned properties; acquiring and holding strategically valuable properties until the community can develop them as affordable housing and obtaining properties to convert to other uses such as retail, parks, or open space for flood mitigation. Land may also be obtained for land banking so it can be maintained, demolished, rehabilitated, or leased/sold.

TASK I: Purchase land or use existing county land in the green or purple zoned areas of the county that are well outside of flood zones.

TASK II: Purchase land in high hazard flood zones to prevent the development of these areas.

19. Senior & Assisted Living Housing Options

ACTION: The majority of Charlotte County's stock of multi-family affordable housing for seniors was built in between the 1960's and 1980's. Many of these older properties sustained serious damage in Hurricane Ian displacing vulnerable seniors. As a new generation of senior living residents approach the market, the model needs to be adapted to meet the changing habits of prospective residents. From changing habits to evolving social needs, we need to integrate newer models and trends by catering to resident desires on a more personalized basis, offering smaller "niche" community options. Creating smaller more connected housing options providing the tenant the ability more freedom and choice in living, socializing, and creative lifestyles in order to live out their lives with purpose with opportunities to be actively engaged in their community.

TASK I: Identify Development & Management Partners

TASK II: Identify and secure appropriate site/locations within 2-miles of physician/hospital corridor/ access to grocery & retail shopping/pharmacy need/entertainment/churches. Consider the site at 4135 Kings Highway (former FEMA Site) after emergency shelter from Ian has ended.

TASK III: Complete Market Research, Planning, Design, and Funding Strategy.

TASK IV: Construct and Lease



20. Student Housing

ACTION: Attainable housing for single college age students and hospitality workers has been a growing challenge in Charlotte County for many years and the shortage of appropriate units of studio and shared housing (co-living) options in our market was only exacerbated by Hurricane Ian. This project located near Florida Southwestern State College's (FSW) campus would create 72 units of multi-family housing primarily consisting of studios and apartments designed for co-living. The development should provide high quality finishes, impressive amenities, furnishings, utilities, and shared spaces such as a pool, cyber study lounges, indoor and outdoor facilities for physical activity and socializing.

TASK I: Identify Development & Management Partners

TASK II: Identify and secure appropriate site/location within 2-miles of the FSW campus.

TASK III: Complete Market Research, Planning, Design, and Funding Strategy.

TASK IV: Construct and Lease.



21. Smaller Housing Options

ACTION: There is uniqueness to assisting and housing our Senior and Veteran populations that may not lend well to a traditional multifamily building scenario. Vulnerable people need a coordinated effort that provides secure housing and nutritional meals; essential physical health care, substance abuse aftercare, mental health counseling, personal development, and empowerment. The concept of smaller clustered (village) homes has been developing in many states as a means of providing both community and permanent housing for Seniors and Veterans. These developments have traditionally been privately funded. This proposal would offer the option of either renting or becoming the owner of the unit, dependent upon their financial ability to do so.

TASK I: Identify Development & Management Partners

TASK II: Identify and secure appropriate site/locations

TASK III: Complete Market Research, Planning, Design, and Funding Strategy.

TASK IV: Construct and Lease



22.Housing Options for Veterans

ACTION: The lack of studio and one-bedroom rental inventory has been ongoing challenge and was made worse by Hurricane Ian. This shortage has especially affected out Veteran population. The proposed project is a 50-unit development of studio and one-bedroom units to be located within walking or biking distance of a medical facility (preferably VA doctors, Virginia B. Andes Clinic, or Charlotte Behavioral Health Care) could open to a spacious courtyard.

The facility would also include a fitness center, multipurpose rooms, onsite counseling offices, open space featuring community gardens and quiet seating areas ample outdoor activities such as barbecue grills and picnic tables, and animal areas. All rooms would come fully furnished with kitchens and handicap accessible units will be available.

TASK I: Identify Development & Management Partners

TASK II: Identify and secure appropriate site/locations within walking/biking distance to facilities needed.

TASK III: Complete Market Research, Planning, Design, and Funding Strategy.

TASK IV: Construct and Lease



23.Senior & Assisted Living Options

ACTION: Vincentian Town will be a multi-unit development or rehab that will add housing or utilize existing residential or commercial property in the community to serve our disabled or special needs community to obtain permanent supportive housing with on-site supportive services as well as case management in cooperation with local community organizations.

TASK I: Identify a rehabilitation property or vacant land to build.

TASK II: Identify funding sources for development.

TASK III: Identify community partners committed providing supportive services.

TASK IV: Establish a funding and construction timeline.

24.Enhanced Charlotte Harbor & Inland Waterway Recovery Funding

ACTION: To further enhance funding for Charlotte County water management and water quality organizations to accommodate for disaster response efforts. During blue skies, these organizations protect and maintain our waterways and ensure safe water quality.

This program would allow organizations increase their ability to mobilize faster, clearing storm debris from waterways, removing sunken vessels, replacing important navigational markings/safety devices, conducting post-storm Bathymetric surveys and scheduling additional navigational trimming or dredging projects in storm impacted areas of Charlotte Harbor, Peace River, Alligator Bay, Tippecanoe Bay and inland waterways. Access to the Gulf of Mexico, Charlotte Harbor and the extensive network of canals and inland lakes, is a driving force to not only tourism but also residential and commercial property sales, business development and employment opportunities.

Additional funding could also be applied to increased water quality assessments, habitat/beach restoration, assist with marina repairs and/or support flood resiliency activities. Increased activity in each of these areas will create a demand for increasing the workforce with employees having environmental specialties or skill sets. To expand the workforce, the local vocational schools, laboratories and universities may begin offering coursework focused on needed training for individuals who will then be encouraged to stay locally upon graduation.

TASK I: Identify all local and regional organizations addressing waterways.

TASK II: Identify areas that need additional resources.

TASK III: Determine funding sources and agencies/organizations who can assist in grant writing and implementing projects.

TASK IV: Determine permitting process.

25. Expand Eco-Tourism Programming

ACTION: Thousands of tourists are drawn to southwest Florida each year to vacation near large entertainment hubs like Orlando, visit cultural centers such as Miami or explore gulf waters found in the Keys. This project would provide a plan to expand ecotourism in Charlotte County by promoting visits to lesser frequented coastal preserves, wildlife rehabilitation centers, nature trails and water trails. Tourists would be afforded the opportunity to experience the wonder of undeveloped natural areas while learning about the Southwest Florida environment and promoting local conservation practices in these areas.

As part of the program, plans could be developed to design environmentally sound trail systems both on land and water, that would allow visitors close proximity to wildlife (plants, animals and marine life) without damaging habitats. Directional and educational signage could be installed providing educating tourists with safe movement through natural areas while apprising them of the importance of the natural environment. Additionally, rest stations, kayak launches and docks could be created giving visitors safe access to the waterways.

A coordinated program would tie existing organizations and agencies together, to more efficiently direct tourists, residents and environmental students and scientists to underutilized areas of the county that provide a visitor a glimpse of Florida's natural environment.

- TASK I:** Review existing attractions and marketing programs to determine feasibility of expanding ecotourism activities.
- TASK II:** Create an inventory of existing natural area, such as the county park guide, harbor and river maps, or listings of environmental organizations or clubs that individuals get involved with.
- TASK III:** Review environmental impact of added visitors and trail development.
- TASK IV:** Explore funding options available.
- TASK V:** Review staffing needs, security concerns.

26. Medical University/Trauma Hospital

ACTION: SWFL and Charlotte County have an opportunity to attract a major medical university and research facility that could upgrade a hospital like HCA Florida Fawcett Hospital and/or ShorePoint Health to a Category 1 Trauma Center.

Benefits:

- It would be 1 of 2 (the other in Hillsborough County) Category 1 Trauma Centers located on Florida's west coast.
- There would be university facilities that could also be used as a shelter in emergencies.

27. Zoning and Land Use Changes

ACTION: With a distinct need for Affordable Housing, explore various Comprehensive Plan and Zoning changes to allow for Accessory Dwelling Units (both attached and detached), as well as any other options to allow for more of this housing type in Charlotte County. Charlotte County is also looking to possibly expand the use of the County's Incentive Density as well as utilizing recent State Legislation to possibly allow Affordable Housing in Zoning Districts which do not currently allow residential uses.

TASK I: Review State Law for Guidance.

TASK II: Discuss Options with Elected Officials and Stakeholders.

TASK III: Create Language.

TASK IV: Adopt Changes to the Regulations.

28. Residential Workforce Centers/Employment Hubs/ Infrastructure

ACTION: Residential Workforce Centers / Employment Hubs and Infrastructure:

Charlotte County has experienced a dramatic increase in the need for affordable workforce and student housing as the community is experiencing robust business growth (with 1,000's of new jobs being created) resulting in a considerable increase in population. This current situation is creating a hardship for potential new residents and businesses alike. To accommodate this growth, we are working on creative solutions to accommodate new residents in several employment hubs throughout Charlotte County that can help absorb and remedy the housing crisis. Some immediate solutions include affordable living options, vehicular and pedestrian interconnectivity, and modernizing communication technology and devices to be available in these growth areas.

Workforce housing and business growth infrastructure improvements will support new and expanding businesses i.e., employment and trade centers in the area along employment corridors in and around the general vicinity of; West Port, Town Center Mall, Parkside Village (i.e., Promenades Mall), Sunseeker Resort, along Veterans Hwy., West County 776/McCall Road, Burnt Store Road, Airport Road, Jones Loop Road, near and around the Punta Gorda Airport, as well as regionally via two I 75 interchanges and US-17.

29. The Punta Gorda Interstate Airport Region – Road Improvements, Land

ACTION: Development, and Employment Facilities on IDA's 80 Acre Parcel the Punta Gorda Interstate Airport (formerly known as the Enterprise Charlotte Airport Park (ECAP)) and the surrounding region, is a Charlotte County EDO focus area that attracts targeted business sectors sought-out by the Charlotte County Economic Development Office, the SWFL region, and the State of Florida.

The development of this region with road widening, infrastructure improvements and land development will result in economic growth in regional target sectors creating; jobs, tax base, and the availability of shovel ready-sites and buildings and will create safe roadways to accommodate increasing vehicular traffic volume.

- TASK I:** Widening of Airport Road from Taylor Road to Piper Road from 2 lanes to 4 lanes. This project is already identified as a needed improvement in the County's adopted 2045 Long Range Transportation Plan.
- TASK II:** Widening of Jones Loop Road from US 41 to US 41 (Acline Road) from 2 lanes to 4 lanes. Jones Loop Rd. is a has an Interstate 75 Interchange.
- TASK III:** The Challenger Blvd. widening to four lanes and extension (and infrastructure) across Golf Course Blvd. to Piper Road, provides a direct connection and a completed roadway giving commercial properties safe and direct access via US 17 and the I75 corridor, without driving through a residential community and school zone.
- TASK IV:** Providing planning, access, infrastructure improvements and employment facilities (including a business accelerator) to Charlotte County's IDA's 80 +/- acre parcel, currently raw land, located in the Punta Gorda Interstate Airport Park will encourage development for both new and existing business projects. The objective is to improve the parcel and its surrounding infrastructure (roads, power, sewer, water, stormwater retention, mitigation, if needed) therefore, having greater opportunity for shovel ready parcels around the Punta Gorda Airport.
- A) First, the property needs road access. A design/build of a roadway connection for commercial traffic to and from this property that will allow access to US-17, Jones Loop Road and the I-75.
- B) Second, the property most likely needs to be evaluated, elevated, mitigated, cleared, and built.
- TASK V:** Improve 80 +/- acres of Charlotte County's IDA owned land for shovel ready sites. This would foster the development of business space, coworking space, and focused business services (i.e. a business accelerator) to support targeted industry of existing and evolving businesses in the region. The development of this property could be supported by public/private collaboration, as well as higher educational institutions, and would support and strengthen growth in Charlotte County's primary industrial area.

30. Port Charlotte Middle School Shelter

ACTION: Charlotte County Public Schools actively participates with the local Emergency Operations Center (EOC) to provide sheltering options for the 194,000 residents of Charlotte County. Due to the low elevation and threat of storm surge that surround most local public schools, the EOC is only able to use three of the 21 public schools as active hurricane shelters. During major hurricane events, such as Hurricane Charley and Hurricane Ian, these shelters can rapidly reach capacity which leave few options for residents.

Charlotte County Public Schools is currently seeking to rebuild Port Charlotte Middle School and is looking to partner with local governmental agencies to provide financial assistance. The potential rebuild would allow for a sizeable expansion of sheltering options for local citizens thus reducing the potential loss of life during a catastrophic natural disaster. The centralized location of Port Charlotte Middle School, coupled with the logistical capacity of the roads leading to the school, make it an ideal sheltering option for the residents of Charlotte County. Potential hardening of a future rebuild of the school would lead to additional sheltering capacity for thousands of residents

TASK I: Establish and secure funding sources for sheltering rebuild.

TASK II: Coordinate with the EOC and local government on architectural design to ensure compliance for shelter hardening.

TASK III: Begin rebuild with tentative completion timeline of 2-3 year.

31. Charlotte Harbor CRA – Harborview Road Widening and Water Taxi

ACTION: Charlotte Harbor CRA - With the addition of the catalyst development, Sunseeker Resort, who will not only be attracting thousands of regional and domestic visitors to the Charlotte Harbor CRA per year, but they will also be adding 1,200 new jobs. There will be a dramatic increase in vehicular traffic and tourism concentrated in the CRA. Improvements from I75 to US 41 along Harborview Road will be a necessity. Additionally, a water taxi option in this destination hub will be a great solution for potential vehicular traffic issues in and around the Charlotte Harbor CRA.

TASK I: Widen Harborview Road from Melbourne Street to I-75 from 2 lanes to 4 lanes divided roadway with multiple access points to existing businesses and residents. Add pedestrian and bicycle facilities while reducing or eliminating traffic operation issues. Identified in Charlotte County's Capital Improvements Plan, Harborview-Road-Widening.docx (charlottecountyfl.gov).

TASK II: In 2019 Charlotte County completed construction of a water taxi dock at the park at Live Oak Point in the Charlotte Harbor CRA. To date, no water taxi service has begun, but it would be ideal to have this service available to the community. Possible taxi destinations could be downtown Punta Gorda, the shops at Fishermen's Village, Boca Grande, and/or Englewood Beach. With three major developments coming on board in the nearby area in the very near future, this service could be a great compliment to the region and reduce vehicular traffic.

32. West Port (i.e. Murdock Village CRA) Design - Installation of Infrastructure Improvements, Signalization, and Widening Toledo Blade

ACTION: Proactive approach to planning and traffic control Improvements - West Port is a Community Redevelopment Area (Murdock Village CRA) established in 2003 to assemble and redevelop an antiquated subdivision in the center of Charlotte County. The Murdock Village Community Redevelopment Agency acquired approximately 870 usable acres to create a mixed-use project in partnership with developers. Single- and multi-family homes, condominiums, and apartments in varying price ranges are under construction. Commercial uses are anticipated to provide employment opportunities, serve both County residents and visitors. In November 2016, the Agency entered a Purchase and Sale Agreement to develop approx. 453 acres with 2,000 mixed housing units, as well as approximately 100,000 square feet of commercial uses. Additionally, another 186 acres went under contract in December 2021 and is expected to close by June of 2023 for an additional mixed-use development; 350K sf retail, 500 single family homes, and 304 units of multifamily housing. It is expected there will be a dramatic increase of vehicles per day coming to and from these residential and commercial centers, necessitating the intersection improvements, lights and widening Toledo Blade.

- TASK I:** Design/installation of Intersection improvements: The developer will be improving Flamingo Road which runs north & south through West Port; however, the south intersections of Toledo Blade and Flamingo need improvements for safety purposes on SR 776.
- TASK II:** Design/installation of traffic signalization: An additional light will need to be added at the north intersection of Centennial Blvd and US 41, as well as to the south of the development on Flamingo on both sides of SR. 776.
- TASK III:** Widening of Toledo Blade: (intersects both US 41 to the north, and SR 776 to the south) will be necessary for adequate and safe movement for residents and commercial vehicles. This corridor is the gateway for Charlotte County. The major arterial links through traffic from Interstate 75. Additionally, Toledo Blade connects I75 to the Tampa Bay Rays' Spring Training site at the Charlotte Sports Park along SR 776, to the Braves' Spring Training site at the CoolToday Park in North Port in Sarasota County along US 41. Vehicle traffic in this area will increase exponentially per day from Sarasota County through Charlotte County. In addition, the overall quality of life is expected to increase dramatically in the CRA, not only through the development of new housing and the delivery of utility infrastructure, but also in the region by the creation of new employment opportunities and a link of destination centers.

33. Interchange at I-75 and Yorkshire Street (Sarasota County) Technical Assistance and Planning, Design, and Construction

ACTION: Sarasota County and the City of North Port have been discussing the concept of a new interstate highway interchange at I-75 and Yorkshire Street. Many effects of a new interchange such as this would be realized in Charlotte County, as roadway connections would need to be established and/or enhanced across county lines.

Charlotte County would need assistance in planning, designing, and constructing roadway improvements and connections, utility and electric transmission line relocations, and potential acquisition of rights-of-way for this concept.

34. Veterans Boulevard and Cochran Boulevard – Widening to Four Lanes, Intersection Improvements and Excel/Decel lanes

ACTION: Widen Veterans Boulevard from 4 lanes to 6 from US-41 to Cochran Boulevard, associated intersection improvements at Cochran. This is a major transportation corridor with heavy traffic that leads to several workforce centers, residential neighborhoods and industrial freight destinations.

35. Bermont Road – Widening to Four Lanes from US-17 to SR-31

ACTION: Widen Bermont Road from US-17 to SR-31 from 2 lanes to 4 lanes to accommodate increasing vehicular traffic volume. This project is already identified as a needed improvement in the County's adopted 2045 Long Range Transportation Plan. Vehicle traffic on Bermont Road has increased exponentially per day. In addition, the overall quality of life is expected to increase dramatically in this corridor, not only through the development of new housing and commercial businesses, but also in the region by the creation of the new sustainable community of Babcock Ranch.

36. Youth Mobile Feeding Program

ACTION: The school district is seeking to expand its mobile feeding program to combat youth hunger in the community. The mobile feeding program currently utilizes one food truck and is available to feed local youth at fixed locations during holiday breaks and summer intercession. The major concern is that the school district only has one food truck in operation and the age of the food truck/bus will become an issue in the near future.

The school district would like the ability to expand the off-hours mobile feeding program to multiple locations within Charlotte County. To this end, the district is requesting funding for an additional two mobile food trucks to cover all three sections of the county. This would ensure umbrella coverage across the school district. It is important to note that the food truck is also able to handout other resources- while at these locations to our most vulnerable residents (multi-use).

TASK I: Establish funding sources for long-term sustainability.

TASK II: Obtain an additional two food trucks/buses using the state required procurement process.

TASK III: Identify locations for mobile feeding that align with low socioeconomic areas.

TASK IV: Begin process of mobile feeding with expansion of feeding hours following significant hurricane events.

37. Redesigned Cultural Center

ACTION: The Charlotte County Cultural Center originated as an adult education center in the 1960s. Over the decades it transformed into the place where friendship began. The proposed changes to the Cultural Center include making the new space a multi-generational, mixed-use facility that breathes life back into the Parkside community through innovation & incubation. A newly developed 160,000 sq ft center should be a LEED certified build that could also serve as the permanent Disaster Recovery Center (DRC) for Charlotte County.

When a natural disaster arises in Charlotte County, the Cultural Center would be activated as the county DRC. Residents would be able to have a physical location to serve as a one stop shop for all disaster related needs, such as internet, phone accessibility to contact loved ones and let them know they're okay, FEMA applications, SBA applications, unmet needs (in conjunction with the COAD and Charlotte County Human Services), Insurance Village, supplies needed, food, transportation needs, etc.

When not activated as the DRC the center would serve in an enhanced role from its prior identity. Cultural Centers are a natural draw for bring people together to stimulate the economy by celebrating the diversity and uniqueness of a community. This facility should be a mix of private, public and government partnerships.

Charlotte County has the distinction of being known as retirement destination for people from all around the globe who bring with them a wealth of knowledge and experience, and they are looking to enjoy the warm climate, explore the environment and discover new and interesting things to do. For over 60 years, the Cultural Center served residents and visitors alike with theater and music performances, educational classes, low-cost meals, fitness programs, meeting spaces for clubs, a thrift store and more. Although the Cultural Center closed last year the demand for such a facility is still there.

The project could be designed to have 2-3 additional floors providing office space for a disaster recovery Center and affordable housing units for medical and service staff working within the Parkside CRA. (direct correlation to the Trauma hospital being proposed) A Main building: Library, state-of-the-art theater, small business incubator space, employment incubator, and business accelerator program. Green landscape to include community garden to address food desert in the Parkside community, state of the art Senior Center which includes a place for learning, fitness and socialization.

The proposed Center could be developed as a multi-use project, providing a custom designed theater/auditorium space for traditional arts and cultural programming, classrooms and workshop areas for educational opportunities, small shops, restaurants/cafés and outdoor space for public, outdoor amphitheater.

The new center would additionally feature a satellite location for Charlotte Technical College's (CTC) culinary program with integration and food services available to the public, an accredited welding school, etc. All educational opportunities would have a direct connection back to the center. For example: Culinary could have catering opportunities for the events that take place in the center, a food court would be designed allowing students who graduate from the culinary program to pilot their restaurant and meal concepts for the public. Additional culinary opportunities with CTC and the new center would be partnering with the healthcare industry and provide educational seminars that incorporate "healthy meal demonstrations, this would take place inside the state-of-the-art theater and meal prep would occur with CTC students. This would also allow an opportunity for folks who are homebound to participate virtually, homebound participants would have the meal delivered.

The facility could feature shared space for locals to work, socialize and engage with their community. Multigenerational space to include incubation furthering local business development. Including innovation with LEED certification, Charlotte County leading the surrounding communities with green development.

These activities would promote local tourism while also positively impacting economic development by providing residents with employment opportunities for performers, artists, teachers and workshop instructors, hospitality workers and maintenance or IT technicians, service industry, management, etc.

Several of the Economic Recovery long-term recovery proposals have intent to be established and housed within this new facility. Example: Trauma Hospital (classroom/instructor space), Community Wi-Fi, Debris Barge company, expand eco-tourism programming, remote work/flex space/, business incubator, food venue, etc. This space could become a destination for not only Charlotte County residents but beyond our county and region.

38. City of Punta Gorda Fire/EMS Mobile Rehab Unit

ACTION: The City of Punta Gorda's Fire and EMS Unit has requested a Mobile Rehab Unit (Super C 24-30 ft recreational vehicle) with air-conditioning, Showers, First Aid, Food, Water, for recovery during and after critical incidents.

39. City of Punta Gorda Completion and Expansion of Annex

ACTION: This would increase capacity for personnel sheltering and increased Emergency Operations Center Capacity.

40. City of Punta Gorda Infrastructure and Resiliency

ACTION: Projects under infrastructure and resiliency for the City of Punta Gorda include: increased access fuel and tanker capacity, LED high mast street lights, burying overhead power lines, replacements of pipes and drains, drainage pumping system, expanded water supply and wastewater, reverse osmosis plant for capacity 8MGPD, new wells, dry flood proofing for historic district, additional seawalls, wind protection for driving rain, land bank for future expansion of Punta Gorda Emergency Operations Center, potentially on the Charlotte County FSW Campus, large generator for EOC.

41. City of Punta Gorda Education and Economic Development

ACTION: Projects under education and economic development and resiliency for the City of Punta Gorda include: a new training facility for initial and annual retraining with a capacity of 50-100 first responders – possibly in partnership with Charlotte County Campus of FSW. Economic Development projects include: new land development regulations, support for the City's 1,100 small businesses, development of City Markets Place and the vacant U-Save Lot as well as renovation and continued operation of the Historic Freeman House.

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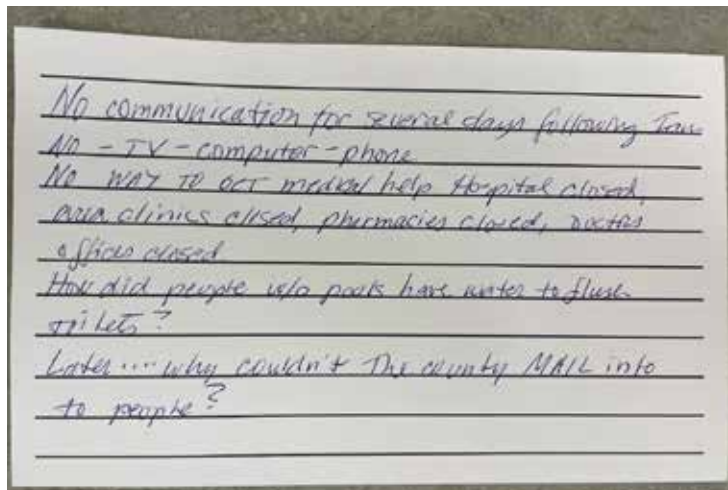
Endnotes

- 1 Oxfam America and the Hazard and Vulnerability Institute <https://www.oxfamamerica.org/explore/countries/united-states/poverty-in-the-us/mapping-social-vulnerability-in-southeastern-states-and-the-gulf-coast/>
- 2 <http://yaleclimateconnections.org/2022/09/ian-smashes-into-southwest-florida-with-historic-force/>
- 3 https://www.nhc.noaa.gov/data/tcr/AL092022_ian.pdf
- 4 National Institute of Standards and Technology, Applied Research Associates, Inc.
- 5 https://www.nhc.noaa.gov/data/tcr/AL092022_ian.pdf
- 6 Hurrevac, National Hurricane Center hindcast estimate, map by UCF. Note that estimated maximum storm surge inundation in Southwest Florida is up to 16 feet; estimated maximum storm surge inundation in Northeast Florida is up to 9 feet above ground level. Storm surge forecasters measured one high water mark in Lee County at approximately 15 feet of storm surge inundation.
- 7 Federal Register Vol. 78, No. 43 /Tuesday, March 5, 2013 - <https://www.govinfo.gov/content/pkg/FR-2018-02-09/pdf/2018-02693.pdf>
- 8 <https://www.FEMA.gov/openfema-data-page/individuals-and-households-program-valid-registrations-v1>
- 9 <https://www.hudexchange.info/programs/hdx/pit-hic/>
- 10 <https://www.wsj.com/articles/floridas-strengthened-electric-grid-mostly-withstood-hurricane-ian-11664793604>
- 11 <https://www.verizon.com/about/news/verizon-responds-hurricane-ian>
- 12 Preliminary Hurricanes Ian and Nicole Post-Storm Beach Conditions and Coastal Impact Report- December 2022 (floridadep.gov)
- 13 US Census Bureau; US Census Bureau ACS 5-year
- 14 McGovern, Laura, Miller, George and Hughes-Cromwick, Paul. Health Policy Brief: The Relative Contributions of Multiple Determinants of Health Outcomes. Health Affairs. August 21, 2014.
- 15 US Census Bureau ACS 5-year 2017-2021
- 16 US Census Bureau ACS 5-year 2017-2021
- 17 <https://www.unitedforalice.org/florida>
- 18 Oxfam America and the Hazard and Vulnerability Institute <https://www.oxfamamerica.org/explore/countries/united-states/poverty-in-the-us/mapping-social-vulnerability-in-southeastern-states-and-the-gulf-coast/>
- 19 <https://www.volunteerflorida.org/dcmp-providers/>
- 20 Behavioral/Mental Health Professionals - Florida Health CHARTS - Florida Department of Health | CHARTS (flhealthcharts.gov)

Appendix 1 - Comment Cards

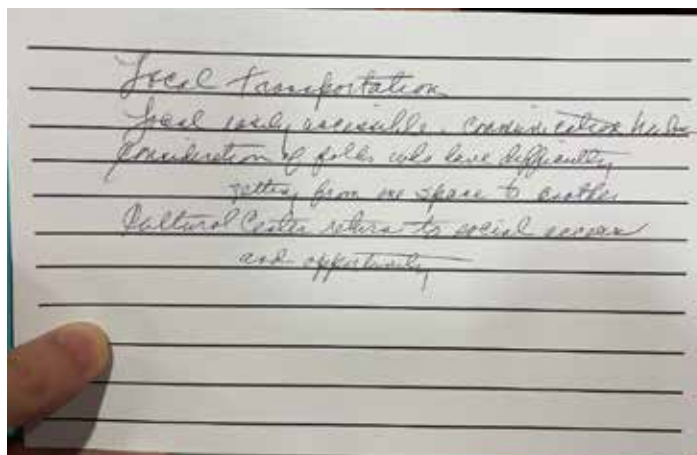
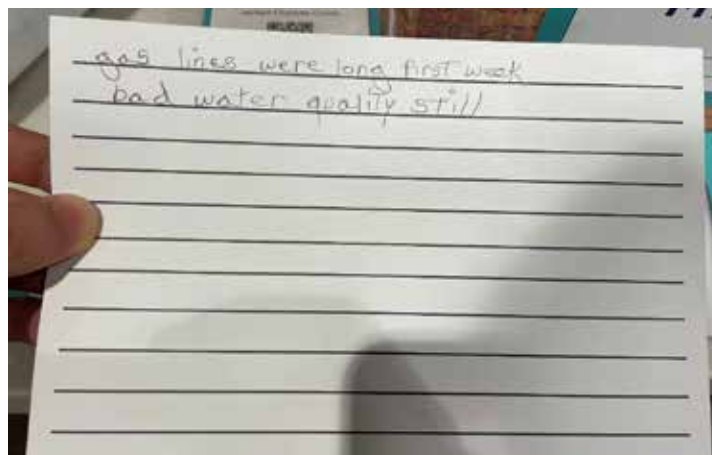
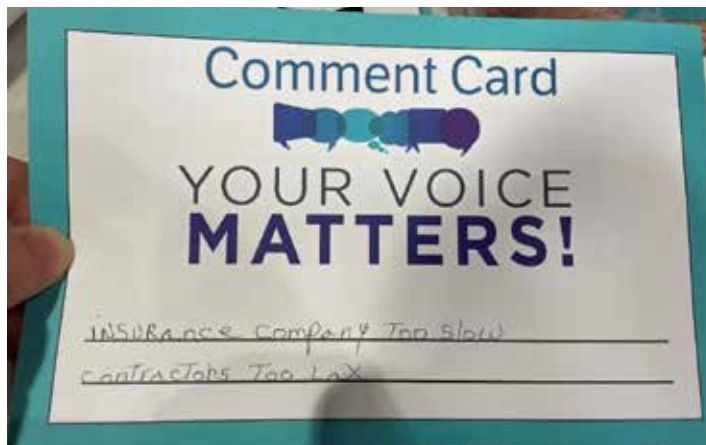
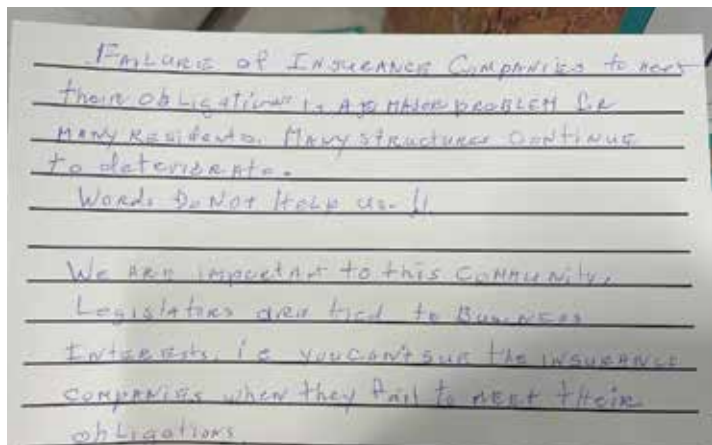
This Appendix consists of comment cards received for the three public engagement workshops

Englewood Workshop (7/14/2023)



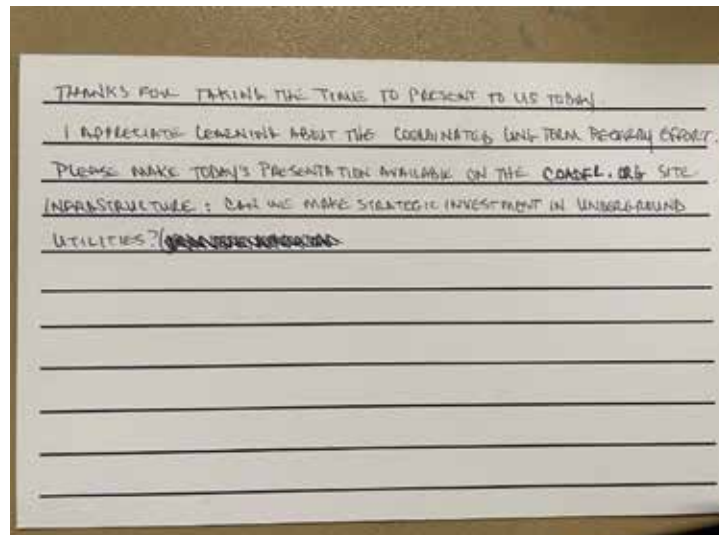
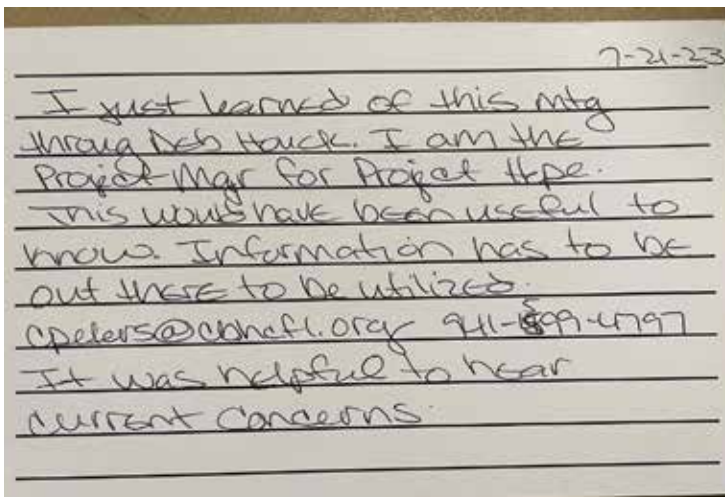
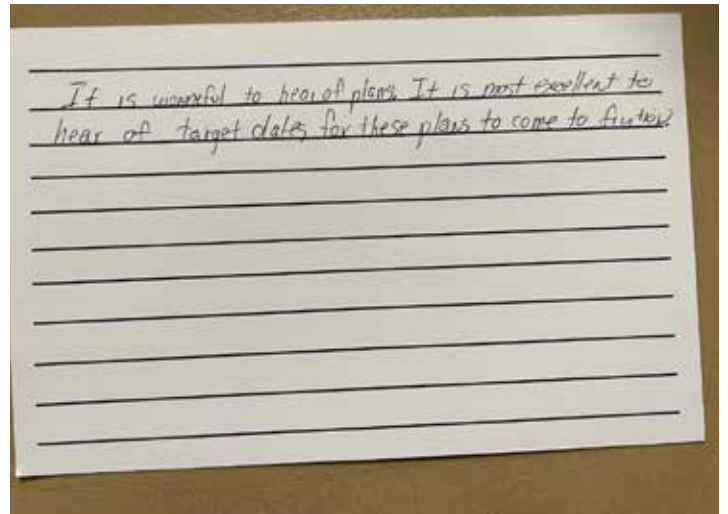
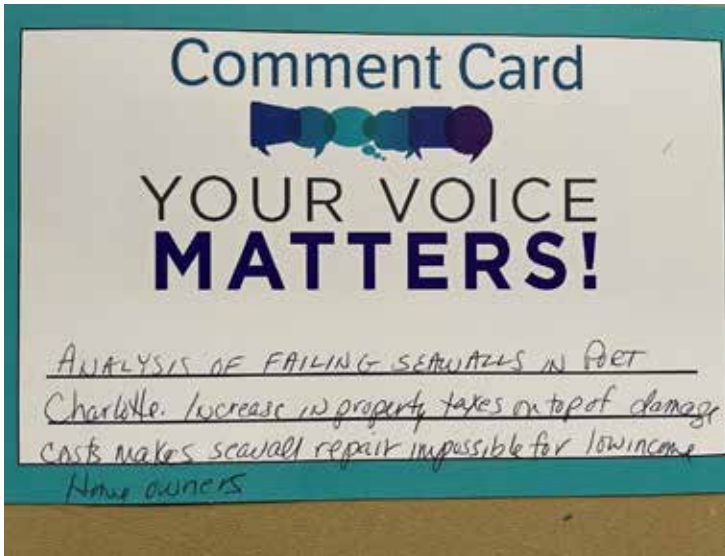
Charlotte County Public Workshop & recovery Survey Summary

Punta Gorda Workshop (7/15/2023)





Port Charlotte Workshop (7/21/2023)



Comment Card


**YOUR VOICE
MATTERS!**

Thank you for this workshop.

Part One lotte Mall - this has been done in other malls -

- Create Indoor Amusement Park / Water Slide Park
- More Restaurants / Bars like Universal
- Shops - again -
- Hotel on Part - 2nd floor Buildout

Indoor - Because gets Hot in Summer

- Surfing Pond indoor
- Wave Pool - on property
- Area Indoor For Farmers Market

Do to the hurricane I have to move because landlord is selling. I have service for to be cooked and not have to pay 3 month rent to move in.

Christine Capocciolo @ Gmail.Com

Moving on Cultural Center - we want it Back!

Answer Phones @ Government Services
Waste Management

Need More Doctors in Area - Cancer Surgery
was in area but more loc - not enough to make. I no Men Tampa Center!

More Info in Master Booklet form mailed to every address - Post Office

"Disasters and Services"
with small paragraph on what services they provide.

We need Cultural Center we need libraries Sports parks
County Commissioners need to have resources for the people they are bringing in

We need street signs + street lights replaced before 10 months after hurricane trash needs to be picked up before Red tide appears

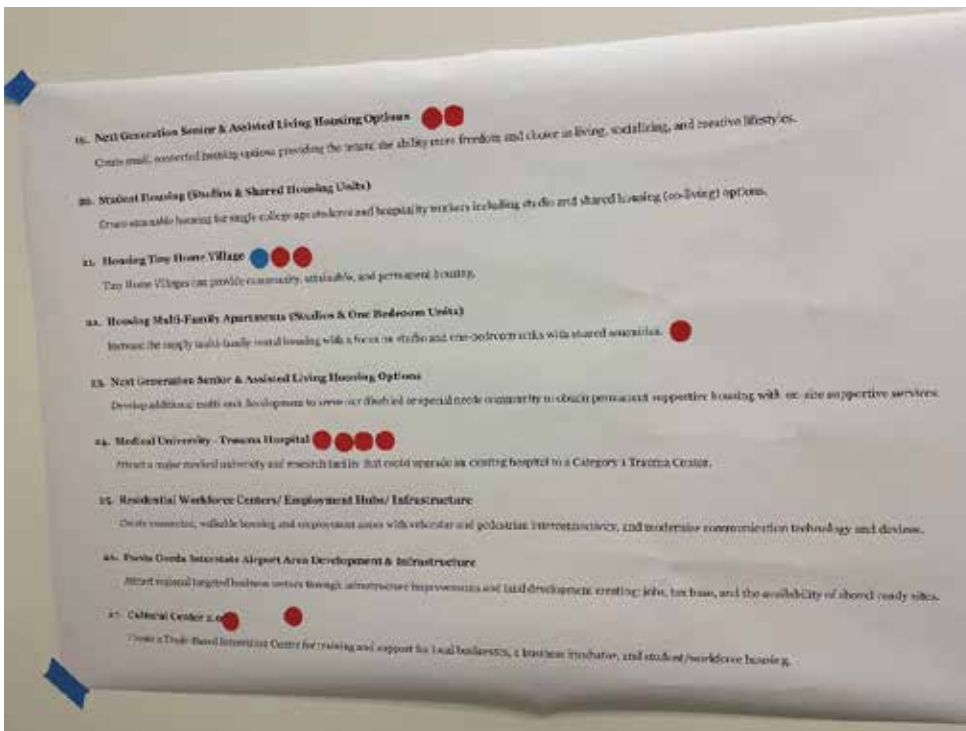
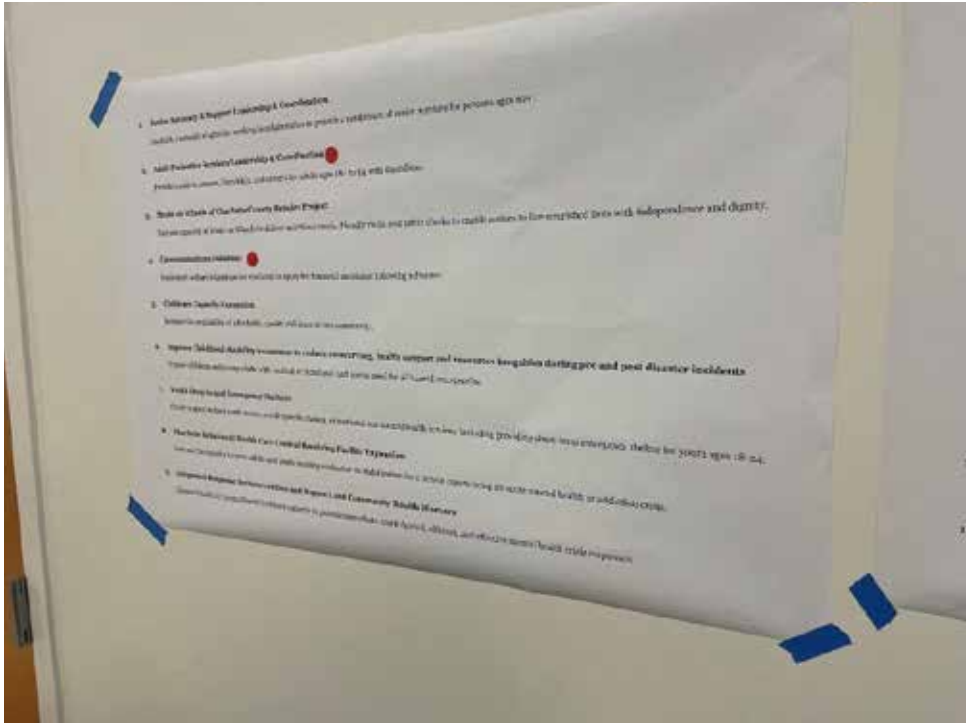
Better hospitals better health care more mental health under-panel Electric + cable they donate resources do repairs some don't lose power + cable

Pods with printed information at fire sights

Appendix 2 - Project Votes

This Appendix contains photos of the votes cast on projects for the three public engagement workshops.

Englewood Workshop (7/14/2023)



28. **Port Charlotte Middle School with Shelter**

Rebuild the Port Charlotte Middle School and include an emergency shelter with 1,000-person capacity.

29. **Charlotte Harbor CRA – Harborview Widening – Water Taxi**

Reducing vehicular traffic due to tourism with improvements from I75 to US 41 along Harborview Road and creating a water taxi option in this destination hub.

30. **West Port Design/installation of Infrastructure improvements, signalization, and widening Toledo Blade**

Planning and traffic control improvements for West Port to create mixed-use, single- and multi-family homes, condominiums, and apartments, and commercial uses.

31. **Interchange at I-75 and Yorkshire Street (Sarasota County) Technical Assistance and Planning, Design and Construction**

Prepare for the effects of a new interchange to Charlotte County, as roadway connections would need to be established and/or enhanced across county lines.

32. **Veterans Boulevard and Cochran Boulevard – Widening to Four Lanes, Intersection Improvements and Excel/Decel Lanes**

Widen Veterans Boulevard from 4 lanes to 6 from US-41 to Cochran Boulevard, associated intersection improvements at Cochran.

33. **Bermont Road – Widening to Four Lanes from US-17 to SR-31**

Widen Bermont Road from US-17 to SR-31 from 2 lanes to 4 lanes to accommodate increasing vehicular traffic volume.

34. **Enhanced Charlotte Harbor & Inland Waterway Recovery**

Build capacity for Charlotte County water management & quality organizations for disaster response efforts to protect and maintain our waterways and ensure safe water.

35. **Expand Eco/Tourism Programming**

Expand ecotourism in Charlotte County by promoting visits to lesser frequented coastal preserves, wildlife rehabilitation centers, nature trails and water trails.

10. **Mobile Medical Clinic – Expansion of Disaster Relief Services**

Expansion of the Virginia B. Anders Volunteer Community Clinic Mobile Health Clinic to address the issues faced by disrupted healthcare facilities due to disasters.

11. **Mental Health Services for Families in times of Disasters**

Provide Mental Health services and support groups for families before, during, and after a natural disaster.

12. **Build a Special Needs Hurricane Shelter and Training Center**

Build a structure that can accommodate up to 1,200 medically needy residents that are on the registry along with their caregivers and staff.

13. **Accessory Dwelling Units Pilot Project**

Allow for the development of Accessory Dwelling Units to meet the immediate and long-term need for affordable housing.

14. **Hotel/Motel Conversion**

Allow for commercial reusing for existing business renovations for affordable housing.

15. **Blight Removal and Remediation**

Establish a process for acquisition, renovation, and/or demolish residential structures blighted by the hurricane and prepare for redevelopment.

16. **Community Land Trust**

Increase the capacity of community land trusts, as non-profit rental housing developers to increase the supply of permanently affordable rental housing.

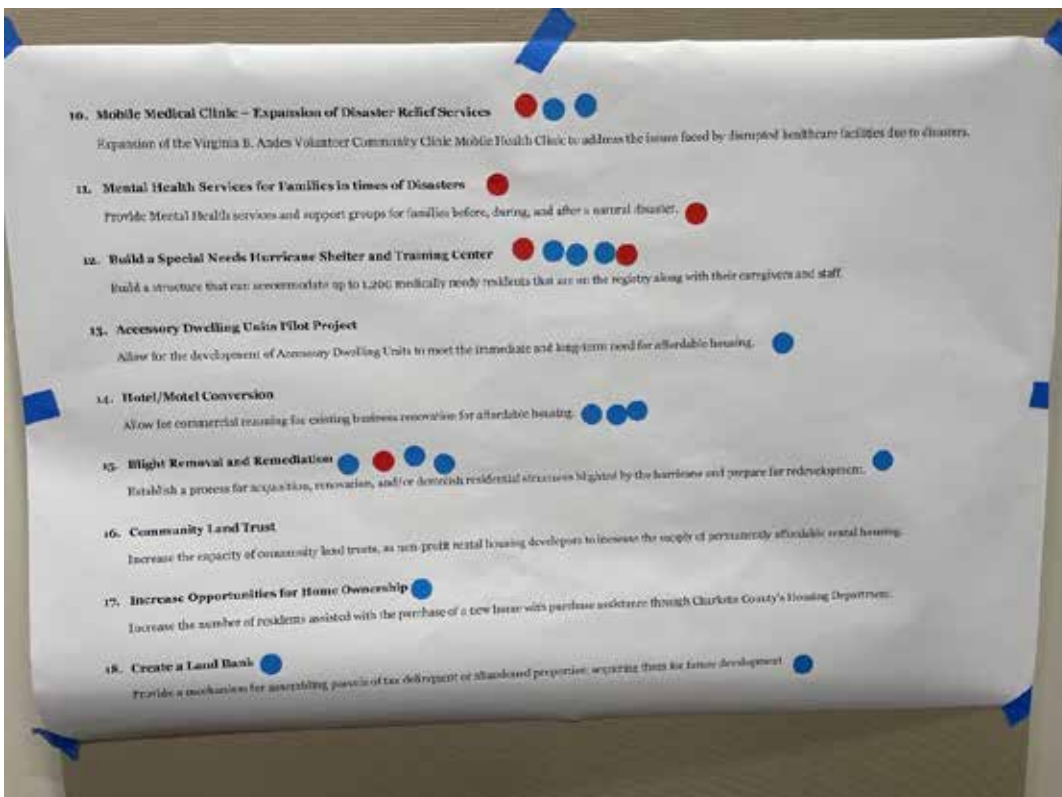
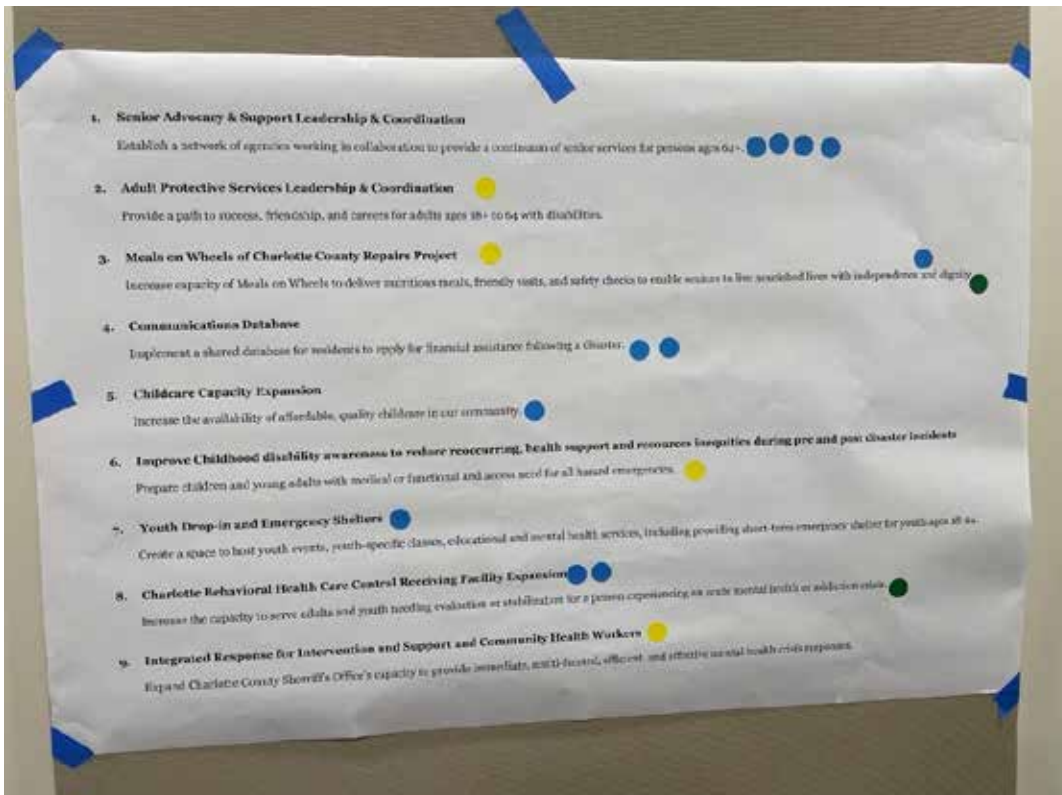
17. **Increase Opportunities for Home Ownership**

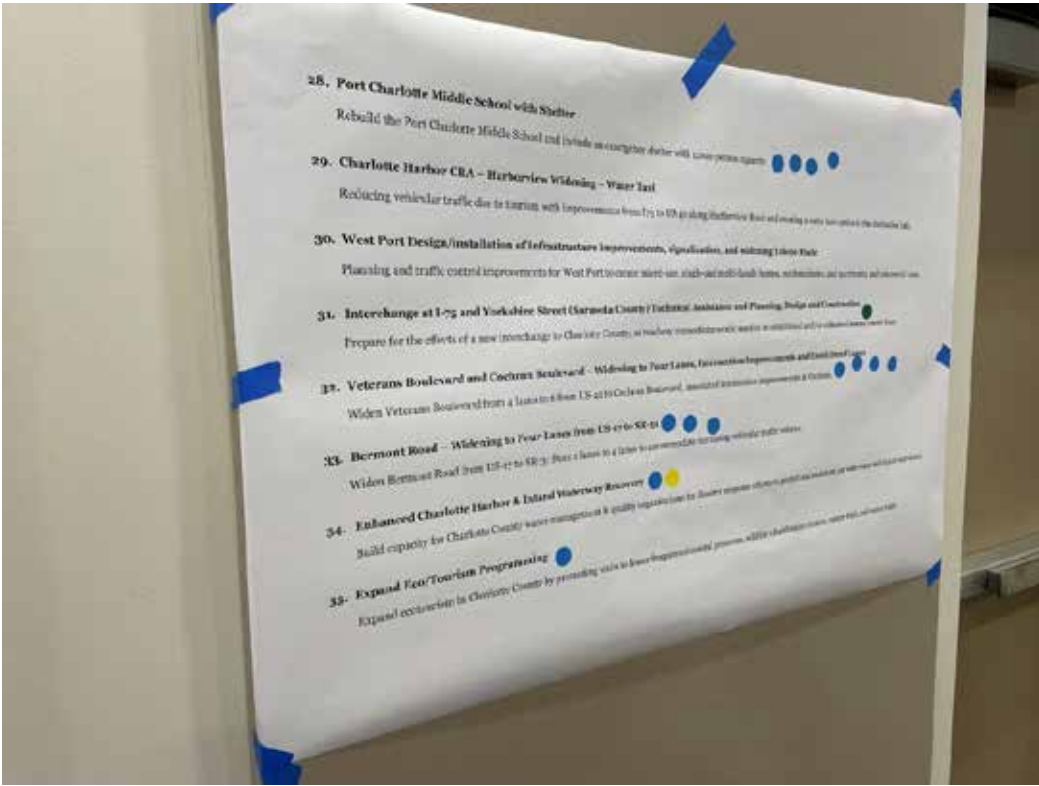
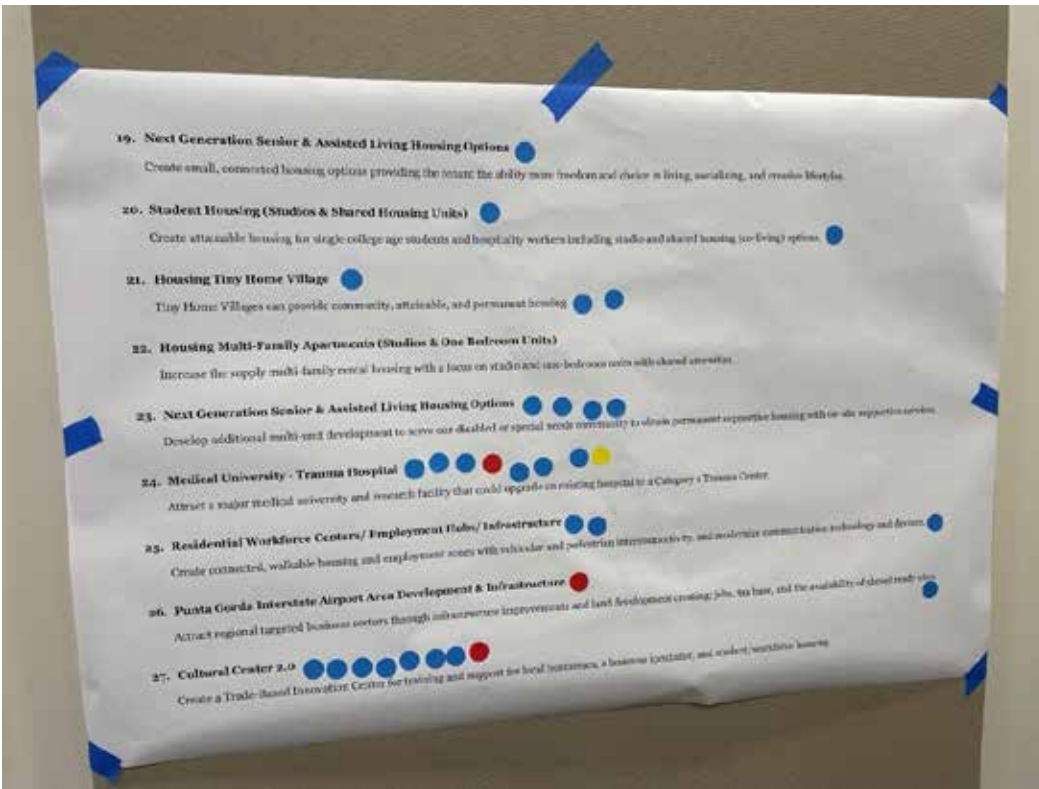
Increase the number of residents assisted with the purchase of a new home with purchase assistance through Charlotte County's Housing Department.

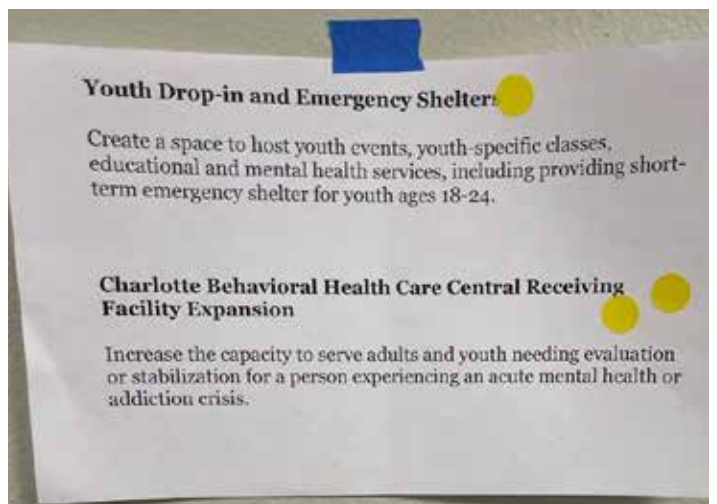
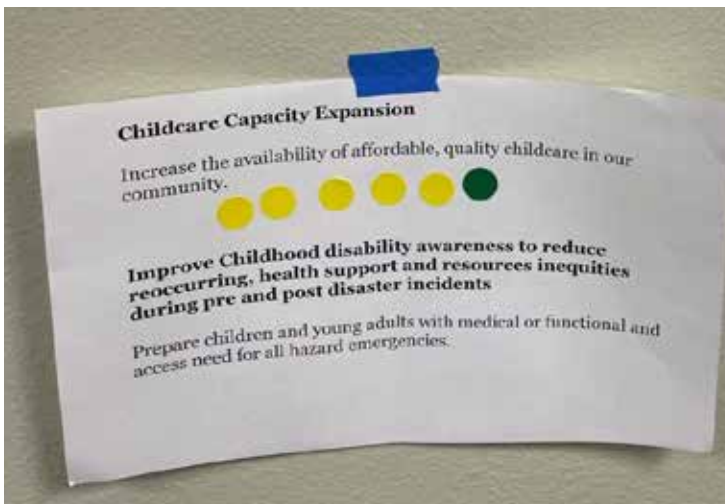
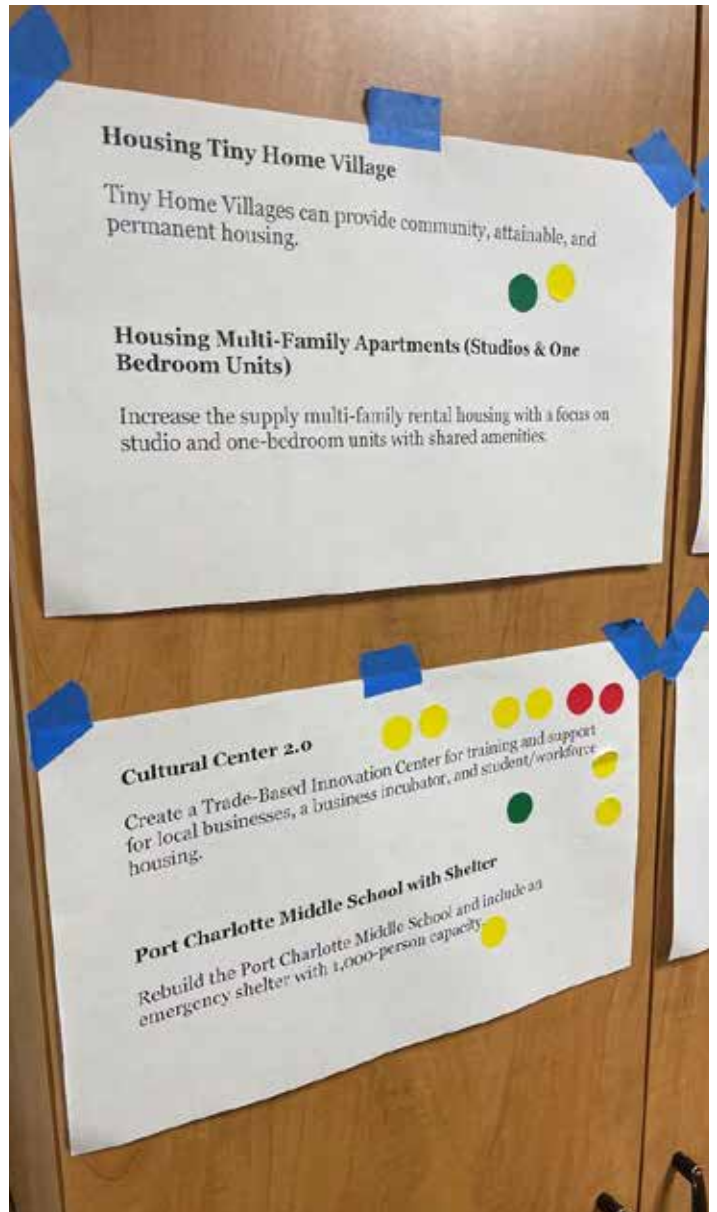
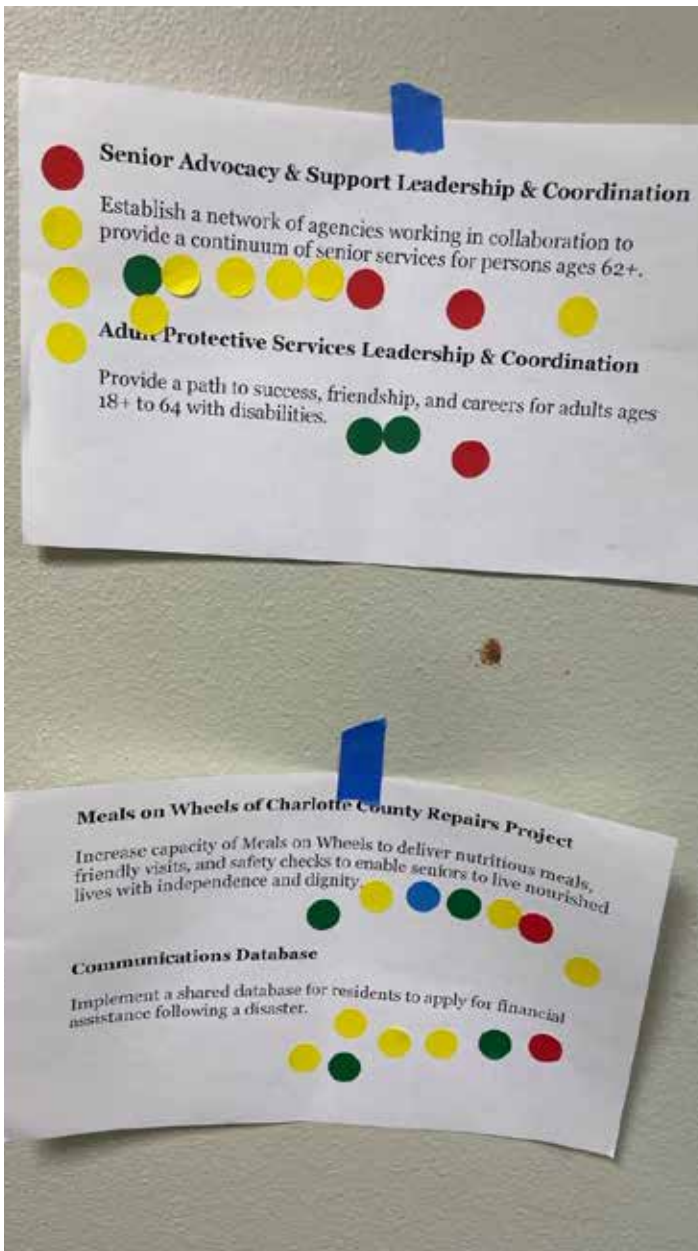
18. **Create a Land Bank**

Provide a mechanism for assembling parcels of tax delinquent or abandoned properties, acquiring them for future development.

Punta Gorda Workshop (7/15/2023)







Blight Removal and Remediation

Establish a process for acquisition, renovation, and/or demolish residential structures blighted by the hurricane and prepare for redevelopment.

Community Land Trust

Increase the capacity of community land trusts, as non-profit rental housing developers to increase the supply of permanently affordable rental housing.

Increase Opportunities for Home Ownership

Increase the number of residents assisted with the purchase of a new home with purchase assistance through Charlotte County's Housing Department.

Create a Land Bank

Provide a mechanism for assembling parcels of tax delinquent or abandoned properties; acquiring them for future development.

Accessory Dwelling Units Pilot Project

Allow for the development of Accessory Dwelling Units to meet the immediate and long-term need for affordable housing.

Hotel/Motel Conversion

Allow for commercial rezoning for existing business renovation for affordable housing.

Bermont Road – Widening to Four Lanes from US-17 to SR 31

Widen Bermont Road from US-17 to SR-31 from 2 lanes to 4 lanes to accommodate increasing vehicular traffic volume.

Enhanced Charlotte Harbor & Inland Waterway Recovery

Build capacity for Charlotte County water management & quality organizations for disaster response efforts to protect and maintain our waterways and ensure safe water.

Mental Health Services for Families in times of Disasters

Provide Mental Health services and support groups for families before, during, and after a natural disaster.

Build a Special Needs Hurricane Shelter and Training Center

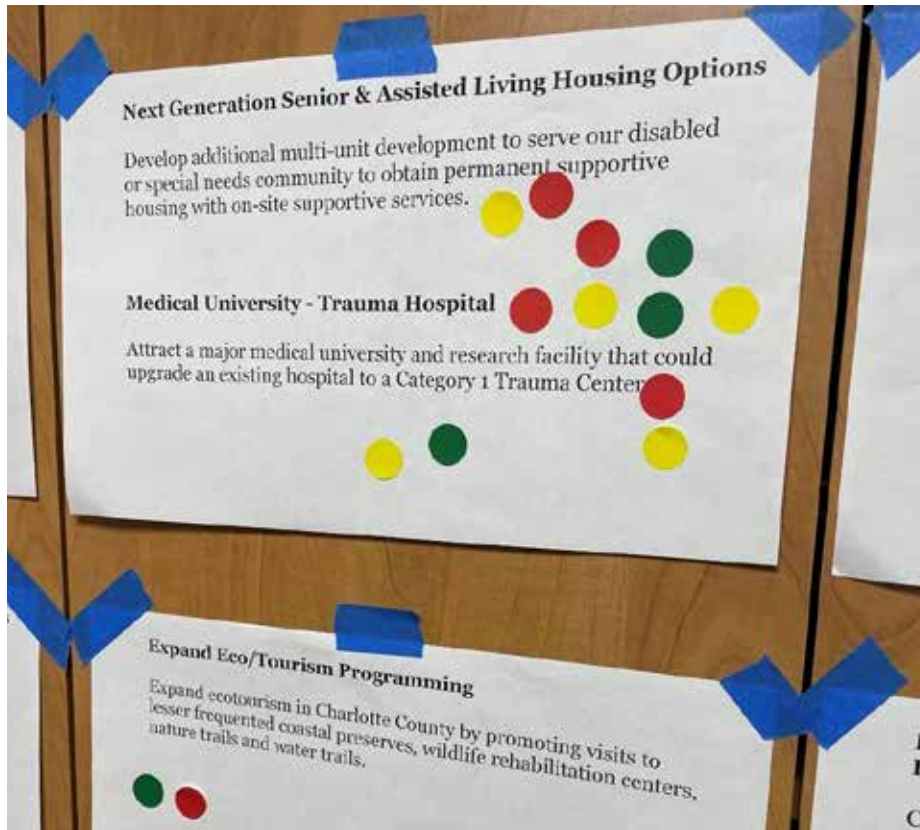
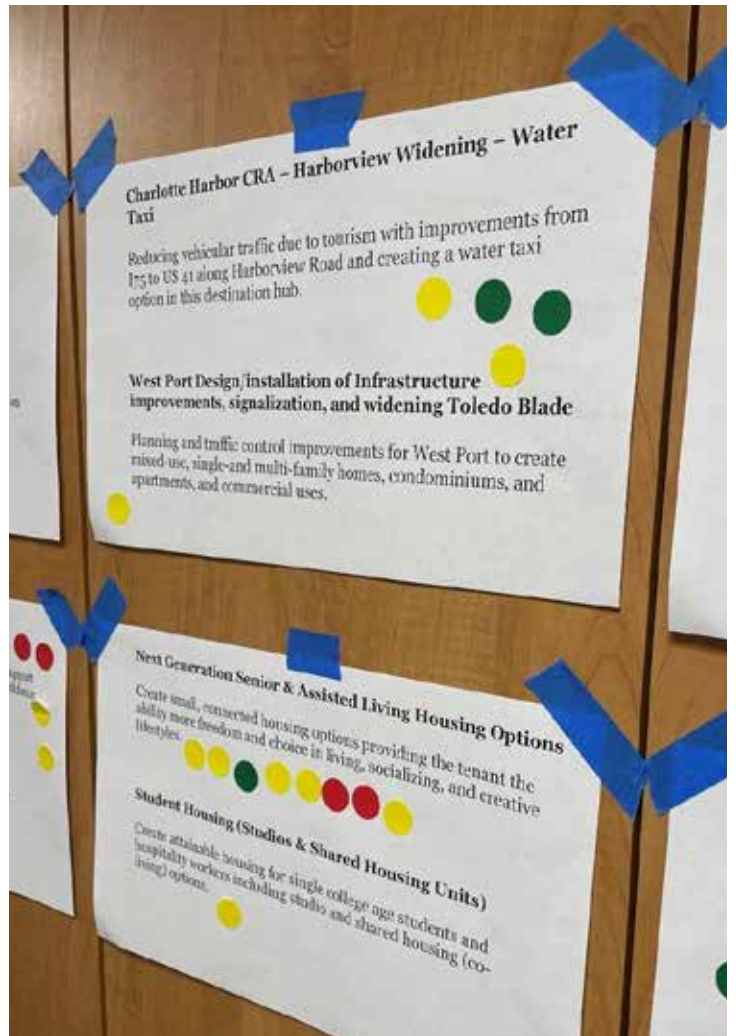
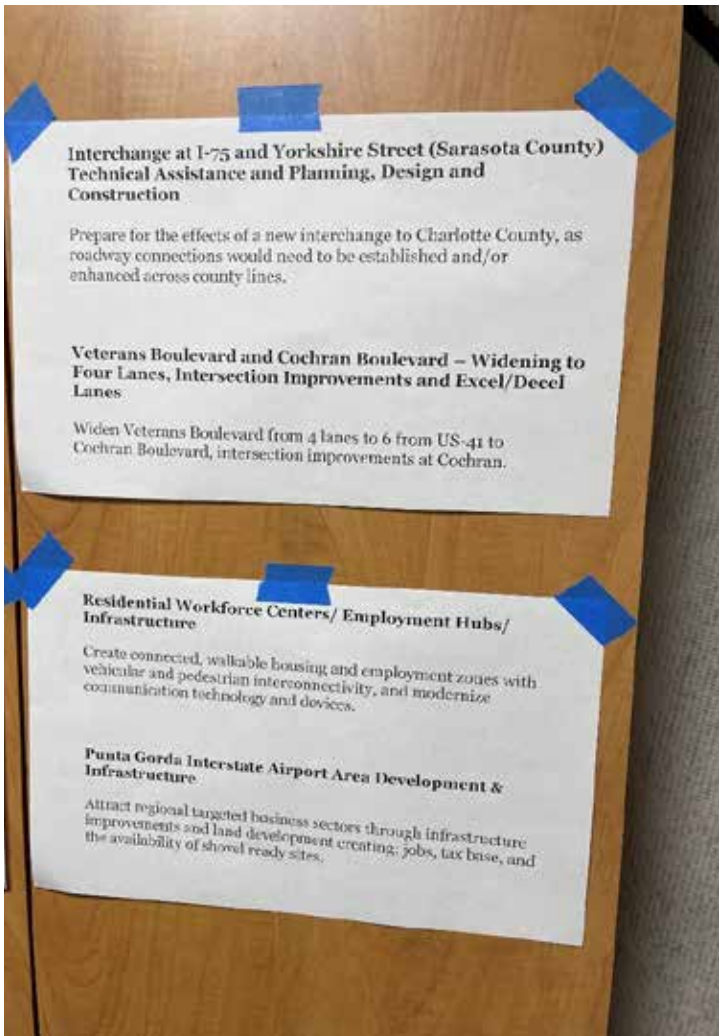
Build a structure that can accommodate up to 1,200 medically needy residents that are on the registry along with their caregivers and staff.

Integrated Response for Intervention and Support and Community Health Workers

Expand Charlotte County Sherriff's Office's capacity to provide immediate, multi-faceted, efficient, and effective mental health crisis responses.

Mobile Medical Clinic – Expansion of Disaster Relief Services

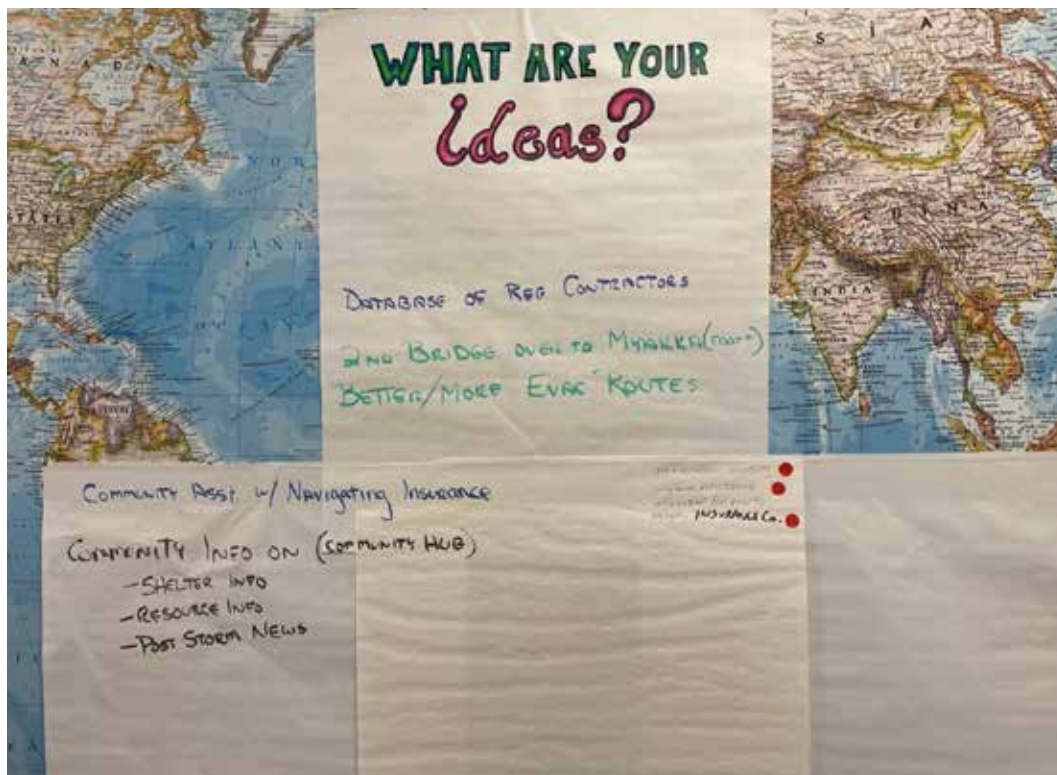
Expansion of the Virginia B. Andes Volunteer Community Clinic Mobile Health Clinic to address the issues faced by disrupted healthcare facilities due to disasters.



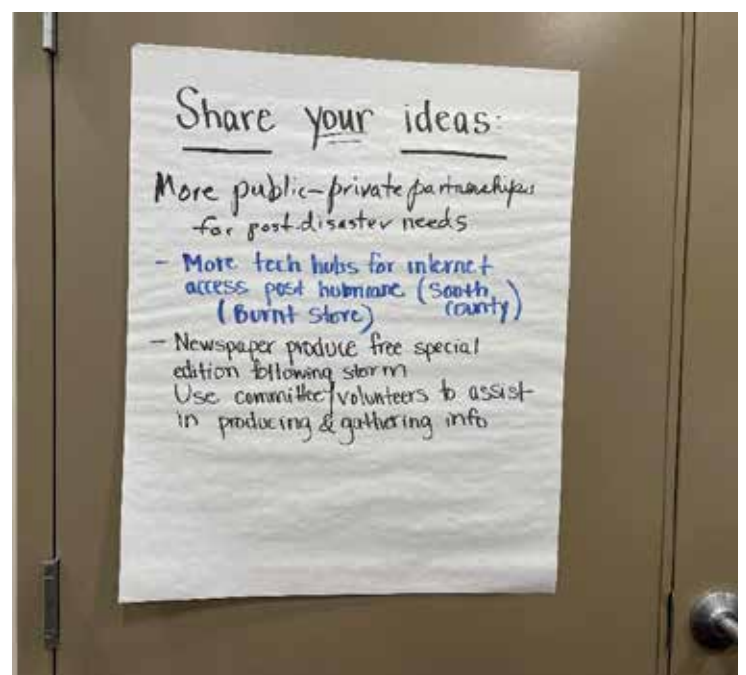
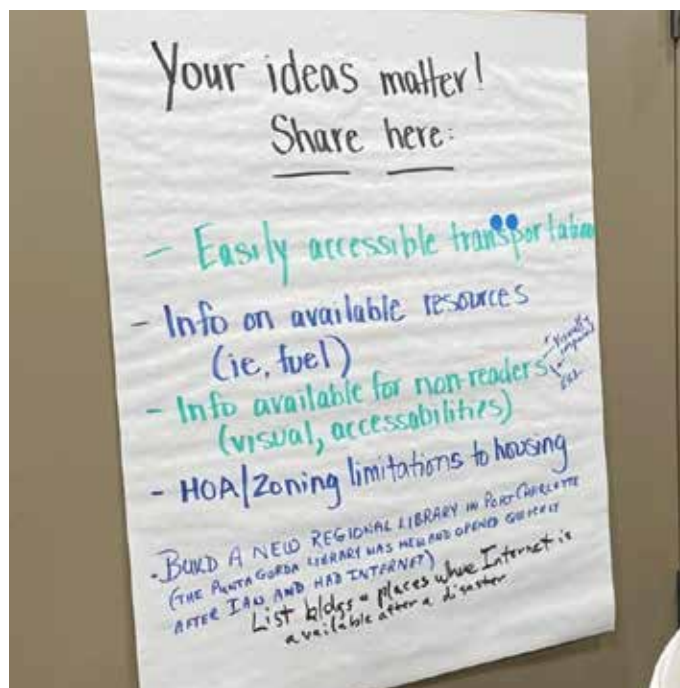
Appendix 3 - Write-In Display Boards

This Appendix contains photos of the write-in suggestions for the three public engagement workshops

Englewood Workshop (7/14/2023)



Punta Gorda Workshop (7/15/2023)



What Are Your Ideas?

*Cancer Surgery Center

Printed disaster resources
Magnet

In person communication centers
Example: Gibraltar Family Center person/
Interaction with Residents of all Ages,
Assessing needs for assistance.
More handle with care.

Publication: Transportation system
Sarasota & Lee Counties. Other cities
Mass transportation.

Appendix 4 - Public Engagement Workshop Flyer



Community Recovery Workshops

Together let's create a shared vision of a resilient Charlotte County. We're seeking the active participation of our community in this journey.

ENGLEWOOD

Friday, July 14
2 p.m.

Englewood Charlotte Library
3450 N. Access Road,
Englewood, FL 34224

PORT CHARLOTTE

Friday, July 21
3 p.m.

Port Charlotte Public Library
2280 Aaron St.
Port Charlotte, FL 33952

PUNTA GORDA

Saturday, July 15
10:30 a.m.

Punta Gorda Charlotte Library
401 Shreve St.,
Punta Gorda, FL 33950

Appendix 5 - Permit Numbers

Date	Re-roof	Screen Cage
2018	2758	1090
2019	2578	1203
2020	3489	1481
2021	6039	1630
Before 10/1/2022	9233	6985
Oct - 22	2390	84
Nov - 22	5102	292
Dec - 22	5643	348
Jan - 23	5637	385
Feb - 23	4058	319
Mar - 23	3527	406
Apr - 23	2188	390
May - 23	1690	327
June 1-15, 2023	704	164

Appendix 6 - Major Damage

Major Damage- 431

DateOpened	Parcel ID	Status	Level of Damage	Flood Level	Commercial	Residential	Zoning Code Reported
10/14/2022	412033179003	Assessment Complete	Level 3 - Major	None Level 6 - Structure	Yes		BB1
10/4/2022	411902280007	Assessment Complete	Level 3 - Major	Flooded		Yes	MSF3.5
10/4/2022	411902280013	Assessment Complete	Level 3 - Major	None Level 6 - Structure		Yes	MSF3.5
10/4/2022	411901701003	Assessment Complete	Level 3 - Major	Flooded		Yes	MMF7.5
10/19/2022	422012200005	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/13/2022	422012200005	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/5/2022	412004301002	Closed	Level 3 - Major	None	No	Yes	MHC
10/12/2022	412305212001	Assessment Complete	Level 3 - Major	None	Yes	No	RMF10
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/8/2022	412023383002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/8/2022	412023383002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412028826000	Assessment Complete	Level 3 - Major	None	Yes	Yes	undefined
10/13/2022	422022576000	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/13/2022	422022726000	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/10/2022	422012200005	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/13/2022	422022726000	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/1/2022	402330251008	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/1/2022	402214189006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/1/2022	402215802000	Assessment Complete	Level 3 - Major	None	Yes	No	RMF15
10/10/2022	402103105001	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/1/2022	412334257008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412006256005	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/3/2022	412027651000	Assessment Complete	Level 3 - Major	None	Yes	Yes	undefined
10/3/2022	412027651000	Assessment Complete	Level 3 - Major	None	Yes	Yes	undefined
10/6/2022	402221331004	Assessment Complete	Level 3 - Major	None	No	No	RSF3.5
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/1/2022	402330251008	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/6/2022	412105229025	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/11/2022	412023301003	Assessment Complete	Level 3 - Major	None		Yes	RSF5
10/5/2022	412105285007	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/10/2022	402103352010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	412105284010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412104303001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5

10/5/2022	412104304001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412104301001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/6/2022	412105228017	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/6/2022	412104153009	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/6/2022	402427202005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412002460003	Assessment Complete	Level 3 - Major	None	No	Yes	RMF10
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
				Level 5 - Street Flooding Only - No Structural			
10/4/2022	412017103005	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5
10/13/2022	402119457006	Assessment Complete	Level 3 - Major		No	Yes	undefined
				Level 5 - Street Flooding Only - No Structural			
10/13/2022	402119457007	Assessment Complete	Level 3 - Major	Damage	No	Yes	undefined
				Level 5 - Street Flooding Only - No Structural			
10/19/2022	402130203017	Assessment Complete	Level 3 - Major	Damage	No	Yes	undefined
10/6/2022	412104109001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412105430008	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/11/2022	402204426005	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/5/2022	412105285010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/3/2022	412021205002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/1/2022	411912801000	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/1/2022	402330203902	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/13/2022	402332476007	Assessment Complete	Level 3 - Major	None	Yes	No	undefined
10/6/2022	402128201006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128233008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	422026701025	Assessment Complete	Level 3 - Major	None	Yes	No	RMF-T
10/5/2022	412105427013	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/6/2022	412004305012	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/28/2022	402214180001	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
				Level 5 - Street Flooding Only - No Structural			
10/4/2022	412008380004	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5
10/10/2022	402103354029	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/7/2022	412017280008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412105430002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/7/2022	402128283008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP

10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/21/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/12/2022	402206207006	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/5/2022	412105427001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/7/2022	422003227004	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/5/2022	412105428013	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/17/2022	412031201003	Assessment Complete	Level 3 - Major	None		Yes	BBI
11/15/2022	402215486004	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/1/2022	402214357002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
				Level 6 - Structure			
10/11/2022	402222227004	Assessment Complete	Level 3 - Major	Flooded	No	Yes	RSF3.5
10/3/2022	402214353001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	412105429014	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/24/2022	412004501149	Assessment Complete	Level 3 - Major	None		Yes	PD
10/3/2022	411902235006	Assessment Complete	Level 3 - Major	None		Yes	MSF3.5
10/5/2022	412105285005	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412105401005	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/6/2022	412105229003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/6/2022	412105229001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412105429010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412105401007	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/11/2022	412014382001	Assessment Complete	Level 3 - Major	None		Yes	RSF5
10/4/2022	411912212981	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/5/2022	402222335002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/7/2022	412017328904	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/4/2022	402330251008	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/4/2022	411912212969	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/4/2022	411912212970	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/3/2022	402215486005	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	412004104023	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004154008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004306005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/24/2022	412004501384	Assessment Complete	Level 3 - Major	None		Yes	PD
				Level 6 - Structure			
10/5/2022	412105178002	Assessment Complete	Level 3 - Major	Flooded		Yes	RSF3.5
10/24/2022	412004501387	Assessment Complete	Level 3 - Major	None		Yes	PD
10/25/2022	411912212977	Assessment Complete	Level 3 - Major	None		Yes	MCT
10/4/2022	412004159001	Assessment Complete	Level 3 - Major		No	Yes	MHC
10/4/2022	412004109008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412105452008	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/3/2022	412004336030	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	411902632016	Assessment Complete	Level 3 - Major		Yes	No	MMF10
10/4/2022	411902632004	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632032	Assessment Complete	Level 3 - Major		Yes	No	MMF10
10/4/2022	411902632022	Assessment Complete	Level 3 - Major		Yes	No	MMF10
10/4/2022	411902632003	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632031	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632013	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632008	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632026	Assessment Complete	Level 3 - Major		Yes	No	MMF10
10/4/2022	411902632016	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632002	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632024	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10

10/4/2022	411902632002	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632024	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632011	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632007	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632000	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/4/2022	411902632014	Assessment Complete	Level 3 - Major	None	Yes	No	MMF10
10/3/2022	412004336029	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/10/2022	422012426001	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/5/2022	412017326001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/10/2022	402223129003	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/6/2022	412004104028	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128430002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/20/2022	422012200005	Assessment Complete	Level 3 - Major	None		Yes	MHP
10/14/2022	412033182013	Assessment Complete	Level 3 - Major	None		Yes	undefined
10/25/2022	411912212965	Assessment Complete	Level 3 - Major	None		Yes	MCT
10/14/2022	412033327008	Assessment Complete	Level 3 - Major	None		Yes	BBI
10/5/2022	412004301006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	422035751000	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/5/2022	422035751000	Assessment Complete	Level 3 - Major	None	No	Yes	RMF5
10/5/2022	422035751000	Assessment Complete	Level 3 - Major	None	No	Yes	RMF5
10/5/2022	422035751000	Assessment Complete	Level 3 - Major	None	No	Yes	RMF5
10/14/2022	412033177010	Assessment Complete	Level 3 - Major	None		Yes	BBI
10/7/2022	412017279004	Assessment Complete	Level 3 - Major				MHC
10/7/2022	412017406901	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/7/2022	412017407901	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/5/2022	422026701037	Assessment Complete	Level 3 - Major	None	No	Yes	RMF-T
10/3/2022	422026701038	Assessment Complete	Level 3 - Major	None	No	Yes	RMF-T
10/3/2022	422026701043	Assessment Complete	Level 3 - Major	None	No	Yes	RMF-T
10/3/2022	422026701044	Assessment Complete	Level 3 - Major	None	No	Yes	RMF-T
10/7/2022	402128431017	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412028460001	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/7/2022	412017436008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017437004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017437001	Assessment Complete	Level 3 - Major				MHC
10/7/2022	412017427002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017280005	Assessment Complete	Level 3 - Major				MHC
10/7/2022	412017427003	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017427008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017436006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412017436005	Assessment Complete	Level 3 - Major				MHC
10/7/2022	412017281002	Assessment Complete	Level 3 - Major				MHC
10/7/2022	412017436007	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	402133332010	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/8/2022	402221209019	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402221479002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402221284010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402221281011	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402307134949	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/8/2022	402307134954	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/7/2022	402318251915	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/1/2022	402214354008	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	402207153001	Assessment Complete	Level 3 - Major	None	Yes	No	IG
10/6/2022	412004104006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	411901701001	Assessment Complete	Level 3 - Major	None		Yes	MMF7.5
10/4/2022	411901701036	Assessment Complete	Level 3 - Major	None		Yes	MMF7.5

10/1/2022	402215328001	Assessment Complete	Level 3 - Major	None	Yes	No	RMF15
10/6/2022	412021131016	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/1/2022	402215328001	Assessment Complete	Level 3 - Major	None	No	Yes	RMF15
10/1/2022	402215328001	Assessment Complete	Level 3 - Major	None	No	No	RMF15
10/1/2022	402215376004	Assessment Complete	Level 3 - Major	None	No	Yes	RMF15
10/6/2022	412006152004	Assessment Complete	Level 3 - Major		Yes	No	undefined
				Level 5 - Street Flooding Only - No Structural			
10/4/2022	412008376001	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5
10/6/2022	412004104007	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412002128003	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/13/2022	422022452002	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/6/2022	412109377002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412109331010	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412017209004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412004353006	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/5/2022	412105403002	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/7/2022	402128236005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412004301011	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412105430004	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/1/2022	402215802000	Assessment Complete	Level 3 - Major	None	Yes	No	RMF15
10/9/2022	402327476001	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
				Level 5 - Street Flooding Only - No Structural			
10/4/2022	412008381015	Assessment Complete	Level 3 - Major	Damage	Yes	No	CG
10/14/2022	412033128001	Assessment Complete	Level 3 - Major	None		Yes	BBI
10/4/2022	412027154002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027108005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027108004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027108003	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/3/2022	412028230004	Assessment Complete	Level 3 - Major		No	Yes	MHC
10/3/2022	412027155001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027155005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027155007	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412028278001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412027154010	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027154007	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412027154009	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027107011	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027106007	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/4/2022	412028229005	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412028231001	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027151002	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027152003	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027152002	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027155006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412028231005	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/3/2022	411902231004	Assessment Complete	Level 3 - Major	None		Yes	MMF10
11/10/2022	412017176001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5

10/14/2022	412005480007	Assessment Complete	Level 3 - Major	None	No	Yes	RMF15
10/4/2022	412009105005	Assessment Complete	Level 3 - Major		No	Yes	MHC
10/4/2022	412004382001	Assessment Complete	Level 3 - Major	None	Yes	No	IG
10/4/2022	412004383004	Assessment Complete	Level 3 - Major	None	Yes	No	IG
10/10/2022	402222409003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	402221232018	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	402222154026	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	402222231009	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
				Level 6 - Structure			
10/5/2022	402214251014	Assessment Complete	Level 3 - Major	Flooded	No	Yes	RSF3.5
10/10/2022	412004406005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/14/2022	412033404010	Assessment Complete	Level 3 - Major	None		Yes	BBI
10/11/2022	412014277004	Assessment Complete	Level 3 - Major	None		Yes	RSF5
10/3/2022	412006451002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/3/2022	412021252002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412021251004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412021252016	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/8/2022	402312178003	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412028404009	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412028427001	Assessment Complete	Level 3 - Major	None	Yes	Yes	undefined
10/4/2022	412028278002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128286002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/19/2022	412009105012	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412017176003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	402427202006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/11/2022	402227239005	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	402128204019	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	402128201002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	402121454002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412105257007	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/9/2022	412303235004	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	412004351002	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/3/2022	412021206002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/8/2022	402112379005	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/8/2022	402312189006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	402102456006	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/4/2022	402102480012	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/5/2022	402214359020	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/1/2022	412334251011	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/1/2022	412334255008	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	411901701035	Assessment Complete	Level 3 - Major	None		Yes	MMF7.5
10/11/2022	402222490006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/3/2022	412003459001	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/1/2022	412334231010	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128235012	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	411912212990	Assessment Complete	Level 3 - Major		No	No	undefined
10/3/2022	412027182001	Assessment Complete	Level 3 - Major	None	Yes	No	RSF5
10/13/2022	422016401011	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/3/2022	412021131021	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128428013	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/10/2022	402215479006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	402215433002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/7/2022	402128236010	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/11/2022	402215178008	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5

10/11/2022	402215178010	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/10/2022	402215305006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/5/2022	402223104012	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/11/2022	402215178001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/10/2022	402213104003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/6/2022	412004104011	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/7/2022	402128281002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/4/2022	402101383011	Assessment Complete	Level 3 - Major	None	Yes	No	CG	
10/4/2022	412004132001	Assessment Complete	Level 3 - Major		No	Yes	MHC	
				Level 6 - Structure				
10/4/2022	412108106001	Assessment Complete	Level 3 - Major	Flooded	Yes	No	undefined	
10/5/2022	412004302008	Assessment Complete	Level 3 - Major				MHC	
10/6/2022	412004104005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/5/2022	412004151015	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/10/2022	422012200005	Assessment Complete	Level 3 - Major		No	Yes	undefined	
10/10/2022	412021187004	Assessment Complete	Level 3 - Major	None	No	Yes	undefined	
10/3/2022	402215485003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
11/15/2022	402215303020	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5	
10/10/2022	402215480012	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
10/1/2022	402214354012	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
				Level 5 - Street Flooding Only - No Structural				
10/6/2022	412105227012	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF5	
10/6/2022	412004104015	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/3/2022	412004178005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/6/2022	412017265001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/5/2022	412105407015	Assessment Complete	Level 3 - Major	None	No	Yes	undefined	
10/1/2022	411912403005	Assessment Complete	Level 3 - Major		Yes	No	undefined	
10/4/2022	412005135013	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5	
				Level 5 - Street Flooding Only - No Structural				
10/4/2022	412008377005	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5	
10/5/2022	412004302003	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/4/2022	412028327008	Assessment Complete	Level 3 - Major	None	No	Yes	undefined	
10/5/2022	412002357013	Assessment Complete	Level 3 - Major	None	No	Yes	RMF10	
10/6/2022	412004307003	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/10/2022	412021328004	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5	
10/6/2022	412005227010	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/6/2022	412004108011	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/1/2022	412004351003	Assessment Complete	Level 3 - Major		Yes	No	undefined	
10/4/2022	411902231004	Assessment Complete	Level 3 - Major		Yes	No	MMF10	
10/3/2022	412021204006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/3/2022	412021131019	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/3/2022	412021204005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/3/2022	411912211916	Assessment Complete	Level 3 - Major	None	No	Yes	MCT	
10/6/2022	402128201001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/7/2022	402128233002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	
10/7/2022	402128234019	Assessment Complete	Level 3 - Major	None	No	Yes	MHC	

10/5/2022	412004302002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/8/2022	402312227002	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/10/2022	402230201002	Assessment Complete	Level 3 - Major				RSF3.5
10/10/2022	402229381013	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/9/2022	402326231005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/8/2022	402312186006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/9/2022	412303129009	Assessment Complete	Level 3 - Major	None	No	No	RSF3.5
10/8/2022	402312188013	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/8/2022	402312202007	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	402128211017	Assessment Complete	Level 3 - Major		No	Yes	RSF5
10/6/2022	402128205012	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412021204004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/1/2022	412334276006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	412021252011	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	402221103008	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/3/2022	412021252001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	40222232004	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	402223154014	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	402227108002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/5/2022	402227151004	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/13/2022	422016434003	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/13/2022	422022178008	Assessment Complete	Level 3 - Major		No	Yes	undefined
				Level 5 - Street Flooding Only - No Structural Damage	No	Yes	RSF3.5
10/4/2022	412008381011	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5
				Level 5 - Street Flooding Only - No Structural Damage	No	Yes	RSF3.5
10/4/2022	412017101003	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5
10/4/2022	412008381002	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5
				Level 5 - Street Flooding Only - No Structural Damage	No	Yes	RSF3.5
10/4/2022	412017129004	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5
10/1/2022	402226306003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	402222482002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	402227229008	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	412017430001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/20/2022	422012200005	Application Canceled	Level 3 - Major	None		Yes	MHP
10/10/2022	412008460009	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/7/2022	412017280004	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412004132016	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/23/2022	402218383008	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/3/2022	411902635011	Assessment Complete	Level 3 - Major	None		Yes	MMF10
10/8/2022	402310351001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/7/2022	402328232006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	402202251005	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5

				Level 5 - Street Flooding Only - No Structural			
10/3/2022	412006280025	Assessment Complete	Level 3 - Major	Damage		Yes	undefined
10/9/2022	402102480012	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/4/2022	422026701000	Assessment Complete	Level 3 - Major	None	Yes	No	structural
10/10/2022	412009351005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412017251003	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412027108006	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/4/2022	412027151001	Assessment Complete	Level 3 - Major		No	Yes	MHC
10/5/2022	412027156001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412027178001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412027178002	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/5/2022	412027155014	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/5/2022	412027153006	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/5/2022	412027154022	Assessment Complete	Level 3 - Major	None	No	Yes	undefined
10/10/2022	402105202007	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/10/2022	412008482002	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/10/2022	412008428011	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/10/2022	402106278007	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402221104005	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402221430019	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/6/2022	402214126001	Assessment Complete	Level 3 - Major		No	Yes	RSF3.5
10/6/2022	402214108001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/4/2022	412028276008	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/10/2022	412004159013	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/3/2022	402132209007	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/6/2022	412017414001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004158012	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004155013	Assessment Complete	Level 3 - Major	None	No	Yes	MHC

				Level 5 - Street Flooding Only - No Structural			
10/4/2022	412017132008	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5
10/12/2022	402124476022	Assessment Complete	Level 3 - Major	None	Yes	No	RSF3.5
10/5/2022	412017251001	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/14/2022	412031431001	Assessment Complete	Level 3 - Major	None		Yes	BBI
10/10/2022	412327156007	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/7/2022	402128234006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004306006	Assessment Complete	Level 3 - Major	None	No	Yes	MHC

				Level 5 - Street Flooding Only - No Structural			
10/3/2022	412008377007	Assessment Complete	Level 3 - Major	Damage	No	Yes	RSF3.5
10/8/2022	402104231008	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/1/2022	402214358006	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	402112379006	Assessment Complete	Level 3 - Major	None	Yes	No	CG
10/1/2022	402204201003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/8/2022	412012377003	Assessment Complete	Level 3 - Major		No	Yes	undefined

10/7/2022	412002157008	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/6/2022	412004158021	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/7/2022	412011110003	Assessment Complete	Level 3 - Major	None	No	Yes	RSF3.5
10/7/2022	402103378012	Assessment Complete	Level 3 - Major		No	Yes	undefined
10/10/2022	412021187005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/10/2022	402207228002	Assessment Complete	Level 3 - Major		Yes	No	II
10/6/2022	402225656000	Assessment Complete	Level 3 - Major	None	No	Yes	IG
10/4/2022	402330251008	Assessment Complete	Level 3 - Major	None	No	Yes	MHP
10/13/2022	422022576000	Assessment Complete	Level 3 - Major		Yes	No	undefined
				Level 6 - Structure			
10/4/2022	411902280008	Assessment Complete	Level 3 - Major	Flooded		Yes	MSF3.5
10/13/2022	422022726000	Assessment Complete	Level 3 - Major		Yes	No	undefined
10/4/2022	422026701000	Assessment Complete	Level 3 - Major	None	Yes		RMF-T
10/4/2022	402330251008	Assessment Complete	Level 3 - Major		No	Yes	MHP
10/6/2022	412021204002	Assessment Complete	Level 3 - Major		No	Yes	MHC
10/3/2022	412003202010	Assessment Complete	Level 3 - Major	None		Yes	RSF3.5
10/5/2022	412004302005	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/6/2022	412004305007	Assessment Complete	Level 3 - Major				MHC
10/6/2022	412004305014	Assessment Complete	Level 3 - Major	None	No	Yes	MHC
10/4/2022	412105430017	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5
10/5/2022	412105284001	Assessment Complete	Level 3 - Major	None	No	Yes	RSF5

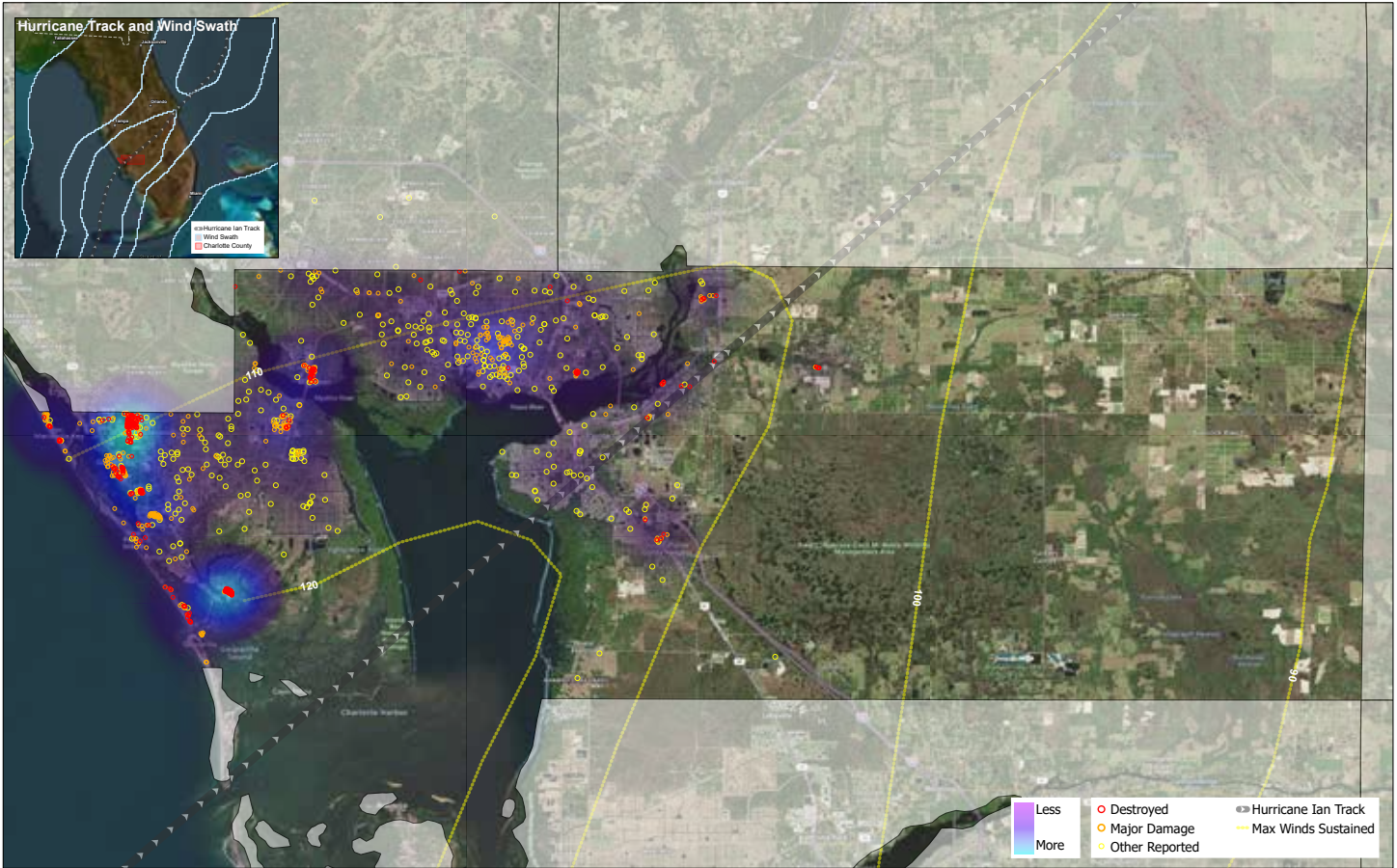
10/4/2022	411901702000	Assessment Complete	Level 4 - Destroyed	None				MMF7.5
10/1/2022	412334255007	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/3/2022	412004352004	Assessment Complete	Level 4 - Destroyed	None		Yes		MHC
10/4/2022	412009106001	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/6/2022	412104152005	Assessment Complete	Level 4 - Destroyed	None	No	Yes		RSF5
10/3/2022	412004351012	Assessment Complete	Level 4 - Destroyed	None	No	Yes		undefined
10/13/2022	422027201005	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022453003	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022452009	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022451002	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022451002	Assessment Complete	Level 4 - Destroyed	None	No	Yes		undefined
10/13/2022	422022451002	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022406012	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/4/2022	412009105006	Assessment Complete	Level 4 - Destroyed		No	Yes		MHC
11/7/2022	422027201006	Assessment Complete	Level 4 - Destroyed	None	No	Yes		BBI
10/7/2022	402128231003	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/7/2022	402128281004	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/7/2022	402128281010	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412009103011	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/14/2022	412033251003	Assessment Complete	Level 4 - Destroyed	None		Yes		BBI
10/13/2022	422022181006	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/3/2022	412021252004	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412021252003	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412021206001	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/5/2022	412021251001	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/5/2022	412021251008	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/5/2022	412021251006	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412021251005	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/13/2022	422027201008	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022454004	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422022180006	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/7/2022	412033205001	Assessment Complete	Level 4 - Destroyed		Yes			undefined
10/13/2022	422022181007	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/13/2022	422027201011	Assessment Complete	Level 4 - Destroyed		No	Yes		undefined
10/3/2022	412021253006	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412021252015	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/3/2022	412021252013	Assessment Complete	Level 4 - Destroyed	None	No	Yes		MHC
10/11/2022	402106301013	Assessment Complete	Level 4 - Destroyed	None		Yes		RSF3.5
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP
10/21/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes		MHP

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10/24/2022	412004501059	Assessment Complete	Level 4 - Destroyed	None		Yes	PD
10/25/2022	411912212974	Assessment Complete	Level 4 - Destroyed	None		Yes	MCT
10/24/2022	412004501138	Assessment Complete	Level 4 - Destroyed	None		Yes	PD
10/6/2022	412004151001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412105430007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF5
10/6/2022	412017413008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412017413005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/9/2022	402324467903	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/9/2022	402327476001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/10/2022	422012200005	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/7/2022	402128426006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128431014	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402127303002	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128232006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017427004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017279005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017278016	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017277004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	412017280006	Assessment Complete	Level 4 - Destroyed		No	Yes	MHC
10/10/2022	412017278006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017277013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412009352004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017277010	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017278015	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412017278007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412008460005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF5
10/10/2022	412017279006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/9/2022	402327476001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/5/2022	402307130901	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/11/2022	402204127016	Assessment Complete	Level 4 - Destroyed	None		Yes	RSF3.5
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10/5/2022	412004302001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004301010	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004152007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412005228002	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004152005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004152013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004155001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004103001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004151013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412009109008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004151004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412004353004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	undefined
10/6/2022	402427206008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	402427206007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/4/2022	412004352019	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/4/2022	402330251008	Assessment Complete	Level 4 - Destroyed	Level 6 - Struc	No	Yes	MHP
10/4/2022	402330251008	Assessment Complete	Level 4 - Destroyed	Level 6 - Struc	No	Yes	MHP
10/4/2022	402330251008	Assessment Complete	Level 4 - Destroyed	Level 6 - Struc	No	Yes	MHP
10/3/2022	412021206004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/3/2022	412021206005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/3/2022	411912211918	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MCT

10/5/2022	412004301005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/6/2022	402128228001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/9/2022	402327476001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
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10/6/2022	412004306007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	411902233003	Assessment Complete	Level 4 - Destroyed	None		Yes	MSF3.5
10/4/2022	412009105011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412004455002	Assessment Complete	Level 4 - Destroyed	None	Yes	No	IG
10/6/2022	402201410007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF3.5
10/6/2022	412004104004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/24/2022	412004501389	Assessment Complete	Level 4 - Destroyed	None		Yes	PD
10/5/2022	412004301009	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004157008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	402128201004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/5/2022	412104302004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF5
10/9/2022	412303155011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF3.5
10/24/2022	412004501073	Assessment Complete	Level 4 - Destroyed	None		Yes	PD
10/8/2022	402312227011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/13/2022	422016401011	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/13/2022	422016401011	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/13/2022	422016401011	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/7/2022	402128278003	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004131011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412105228004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF5
10/4/2022	412028326003	Assessment Complete	Level 4 - Destroyed	None	No	Yes	undefined
10/5/2022	412004151009	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/6/2022	412004107011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128234024	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128234020	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128233007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004151019	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004301001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004302004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/8/2022	402312186013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/5/2022	412004178012	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/11/2022	402223355024	Assessment Complete	Level 4 - Destroyed	None	No	Yes	RSF3.5
10/7/2022	402128235006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	412017280003	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128426004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128285012	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/1/2022	412334253006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/1/2022	412334228017	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC

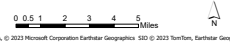
10/6/2022	412004107023	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004107018	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004152017	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412009109011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004155020	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004157002	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004305005	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
11/10/2022	412004307011	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004252004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004208004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004180004	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004305013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004158017	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004156023	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004156021	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004108008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004302018	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004302016	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004302013	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004154021	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004154007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004105016	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
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10/4/2022	411912212992	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/7/2022	402128282007	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004180003	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412017255001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412017178001	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412017255006	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412009104002	Assessment Complete	Level 4 - Destroyed		No	Yes	MHC
10/6/2022	412004107028	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/4/2022	412004133002	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/10/2022	412327304904	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
10/6/2022	402326486014	Assessment Complete	Level 4 - Destroyed	None		Yes	undefined
10/6/2022	402326455013	Assessment Complete	Level 4 - Destroyed	None		Yes	undefined
10/20/2022	422012200005	Assessment Complete	Level 4 - Destroyed	None		Yes	MHP
10/4/2022	402330203902	Assessment Complete	Level 4 - Destroyed	Level 6 - Struc	No	Yes	undefined
10/11/2022	402330251008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/4/2022	402330279901	Closed	Level 4 - Destroyed	Level 6 - Struc	No	Yes	MHP
10/6/2022	412021515064	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/6/2022	412021515068	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHP
10/4/2022	402330242909	Assessment Complete	Level 4 - Destroyed	Level 6 - Struc	No	Yes	undefined
10/6/2022	412004158019	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/6/2022	412004158022	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/5/2022	412004152002	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/7/2022	402128281008	Assessment Complete	Level 4 - Destroyed	None	No	Yes	MHC
10/13/2022	422016433009	Assessment Complete	Level 4 - Destroyed		No	Yes	undefined
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Appendix 8 - Reported Damaged Areas



Charlotte County, Florida

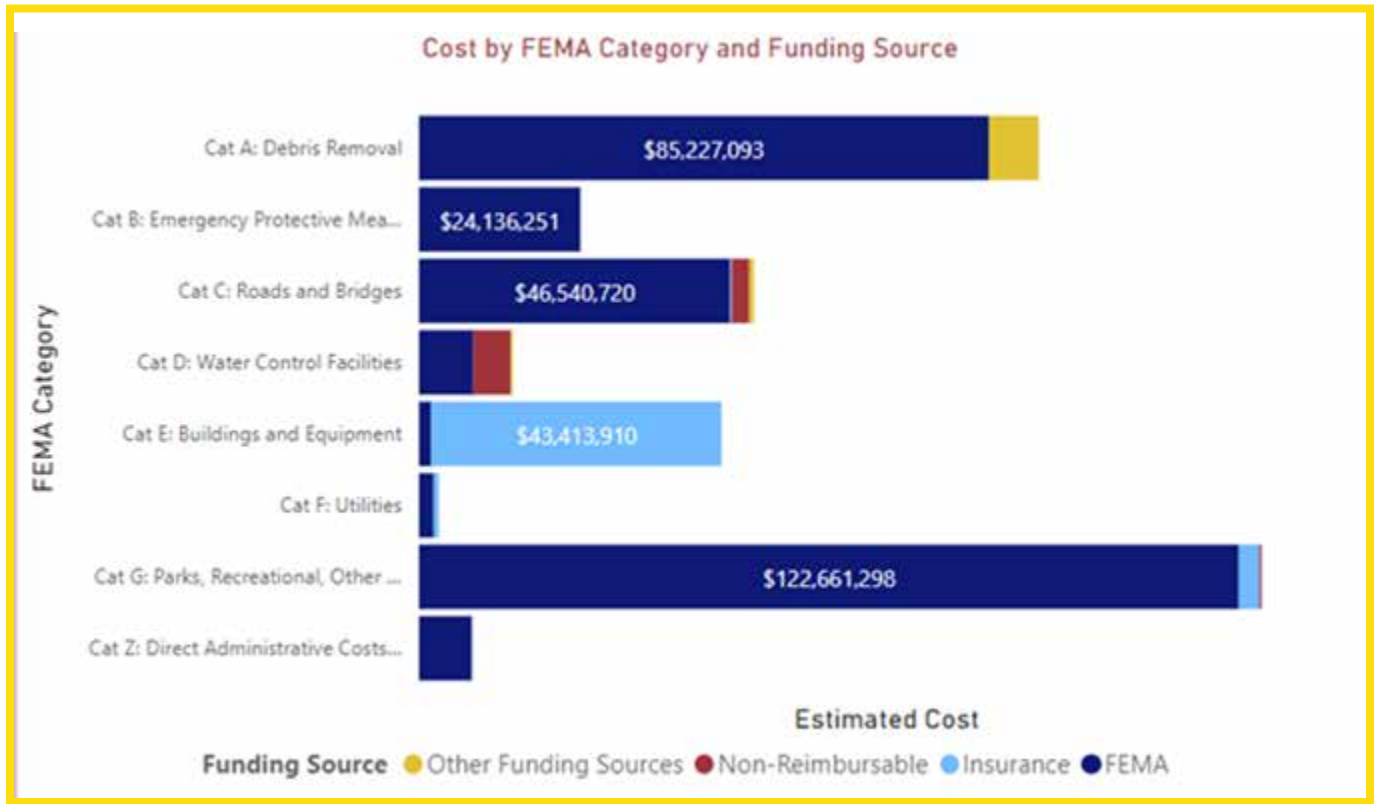
Reported Damaged Areas



Charlotte County, Jacobs, University of South Florida, FDOT, Esri, HERE, Garmin, VAO, NOAA, USGS, EPA, © 2023 Microsoft Corporation Earthstar Geographics, SIO © 2023 TomTom, Earthstar Geographics

Appendix 9 - FEMA Categories A-G

Charlotte County Board of County Commission FEMA Categories A-G



Appendix 10 - Local Mitigation Strategy Projects 2024

Agency Name	Agency Type	Project Title	Project Type	Project Cost	Status
Charlotte County Community Services	County Department	Centennial Park Recreation Center Generator Project	Generator	441,393	Application Submitted
Charlotte County Department of Health	Other	Charlotte County Department of Health Generator Project	Generator	369,989.40	Application Submitted
Charlotte County Emergency Management	County Department	New Day Christian Church Generator Project	Generator	441,393	Application Submitted - DR4486 (COVID)
Charlotte County Community Services	County Department	Construction of Bissett Park Community Center Saferoom	Safe Room	29,288,670.84	Application Submitted
Charlotte County Community Services	County Department	Bayshore Live Oak Point Seawall/Living Shoreline	Other	1,071,668.60	Application Submitted
Charlotte County Facilities	County Department	Bob Pryor Employee Health Clinic Generator Project	Generator	196,887.39	Application Submitted
Charlotte County Public Works	County Department	Leachate Plant Generator Project	Generator	502,793.60	Application Submitted
Charlotte County Public Schools	Other	Liberty Elementary School Portable Generator Project	Generator	437,491.49	Application Submitted
Charlotte County Public Schools	Other	Neil Armstrong Elementary School Portable Generator Project	Generator	437,491.49	Application Submitted
Charlotte County Public Schools	Other	Kingsway Elementary School Portable Generator Project	Generator	632,583.17	Application Submitted
Charlotte County Community Services	County Department	Port Charlotte Beach Park Floating Break Water and Pier Stabilization/Living Shoreline	Other	1,350,358.51	Application Submitted
Charlotte County Community Services	County Department	Tringali Campus Generator Projects	Generator	548,795.84	Application Submitted
Charlotte County Community Services	County Department	Punta Gorda Charlotte Library Portable Generator Project	Generator	181,752.21	Application Submitted
Charlotte County Community Services	County Department	Charlotte County Event Center Seawall	Reconstruction	3,209,428.17	Application Submitted
Charlotte County Human Services	County Department	Family Services Center Phase 2 Generator Project	Generator	224,614.61	Application Submitted
Charlotte County Utilities	County Department	Charlotte County Lift Station Portable Generators	Generator	650,681.06	Application Submitted
Charlotte County Facilities	County Department	Public Works Florida Street Generators (Admin and IT Switch)	Generator	407,204.22	Application Submitted
Charlotte County Public Works	County Department	Hardening of Open Outfalls	Hardening	6,487,935.77	Application Submitted
Charlotte County Public Works	County Department	Traffic Light Mast Arm Hardening	Other	7,453,720.38	Application Submitted
Charlotte County Facilities	County Department	Public Works Saferoom Project	Safe Room	19,314,581.80	Application Submitted
Charlotte County Public Works	County Department	Public Works San Casa Yard Generator Project	Generator	147,998.89	Application Submitted
Charlotte County Facilities	County Department	West County Annex Generator Project	Generator	243,915.35	Application Submitted
Charlotte County Community Services	County Department	Ann and Chuck Dever Rec Center Portable Generator Project	Generator	161,334.21	Application Submitted
Charlotte County Public Works	County Department	Public Works Sinatra Yard Generator Project	Generator	132,188.51	Application Submitted
Charlotte County Facilities	County Department	Grace Street Annex Generator Project	Generator	256,754.89	Application Submitted
Charlotte County Fleet	County Department	Charlotte County Fleet Management and Maintenance Portable Generator Project	Generator	228,097.41	Application Submitted
Charlotte County Utilities	County Department	Burnt Store Plant Lift Station Permanent Generators	Generator	449,570.81	Application Submitted
Charlotte County Utilities	County Department	Utilities Saferoom Project	Safe Room	19,314,581.80	Application Submitted
Charlotte County Community Services	County Department	South County Recreation Center Generator Project	Generator	304,770.32	Application Submitted

Agency Name	Agency Type	Project Title	Project Type	Project Cost	Status
Charlotte County Facilities	County Department	Fire Station 4 Generator Project	Generator	220,968.73	Application Submitted
Charlotte County Facilities	County Department	Fire Station 13 Generator	Generator	220,968.73	Application Submitted
Charlotte County Utilities	County Department	Burnt Store Plant Saferoom and Generator	Safe Room	2,423,781.29	Application Submitted
Charlotte County Emergency Management	County Department	Charlotte County Special Need Shelter	Safe Room	14,612,000	Application Submitted
Charlotte County Community Services	County Department	Carmalita Park Portable Generator	Generator	133,542.93	Application Submitted
Charlotte County Community Services	County Department	Franz Ross Park Portable Generator Project	Generator	178,708.05	Application Submitted
Charlotte County Community Services	County Department	South County Regional Park Portable Generators	Generator	227,266.37	Application Submitted
Charlotte County Utilities	County Department	East Port Plant Lift Station Permanent Generators	Generator	1,323,899.58	Application Submitted
Charlotte County Utilities	County Department	Rotonda Plant Lift Station Permanent Generators	Generator	292,007.93	Application Submitted
Charlotte County Utilities	County Department	Westport Plant Lift Station Permanent Generator	Generator	174,368.09	Application Submitted
Charlotte County Utilities	County Department	Burnt Store Drinking Water Wells Portable Generators	Generator	48,814.50	Application Submitted
Charlotte County Public Works	County Department	Charlotte County, Oyster Creek Bridge Hardening	Hardening	688,590.53	Application Submitted
Charlotte County Public Works	County Department	Highway Light Post Hardening	Hardening	4,295,550.08	Application Submitted
Charlotte County Community Services	County Department	Harold Ave Portable Generators	Generator	227,266.37	Application Submitted
Charlotte County Facilities	County Department	Public Safety Saferoom Project	Safe Room	22,340,340.11	Application Submitted
Charlotte County Community Services	County Department	Construction of Deep Creek Community Center/Community Saferoom	General Infrastructure	25,000,000	Deferred
Charlotte County Community Services	County Department	Punta Gorda Charlotte Library Floodproofing	Flood Controls	TBD	Deferred
Charlotte County Community Services	County Department	Englewood Charlotte Library Floodproofing	Flood Controls	TBD	Deferred
Charlotte County Utilities	County Department	District 4 Water Tower	General Infrastructure	TBD	Deferred
Charlotte County Animal Control	County Department	Animal Welfare League (AWL) of Charlotte County Generator Project	Generator	TBD	Deferred
Charlotte County Emergency Management	County Department	Charlotte Prep Wind Retrofit	Wind Retrofit	TBD	Deferred
Charlotte County Public Works	County Department	Stabilization of the Desoto Ditch - Harbor Heights Side	Hardening	TBD	Deferred
Charlotte County Water Quality	County Department	Water Quality/Water Flow and Elevation Monitoring	Flood Controls	250,000.00	Deferred
Charlotte County Utilities	County Department	Installation of Fiber Lines for Burnt Store Plant	Hardening	300,000	Deferred
Charlotte County Public Works	County Department	Hurricane Evacuation Route Widening and/or Elevating	General Infrastructure	TBD	Deferred
Charlotte County Public Works	County Department	Prairie Creek Bridge Mitigation	General Infrastructure	TBD	Deferred
Charlotte County Public Works	County Department	Shell Creek Bridge Mitigation	General Infrastructure	TBD	Deferred
Charlotte County Public Works	County Department	Rio Villa Bridge Mitigation	General Infrastructure	TBD	Deferred
Charlotte County Public Works	County Department	Dune Restorations	Other	TBD	Deferred

Agency Name	Agency Type	Project Title	Project Type	Project Cost	Status
Charlotte County Parks and Natural Resources	County Department	Green Infrastructure (Surfaces)	Other	TBD	Deferred
Charlotte County Community Services	County Department	Bayshore Live Oak Park Seawall/Living Shoreline	Other	TBD	Deferred
Charlotte County Community Development	County Department	Hutchinson Residential Elevation Project	Elevation	250,000	Deferred
Charlotte County Community Services	County Department	Charlotte Sports Park Building B Stationary Transfer Switch	Other	TBD	Deferred
Charlotte County Solid Waste	County Department	Zemel Road Landfill Scale House	General Infrastructure	5,500,000	Documentation
Charlotte County Fire and EMS	County Department	Construction of New Fire Station 6	General Infrastructure	4,497,000	Documentation
Charlotte County Fire and EMS	County Department	Construction of New Fire Station 3	General Infrastructure	4,500,000	Documentation
Charlotte County Sheriff	County Department	Construction of a New Sheriff Administration Building	General Infrastructure	19,000,000	Documentation
Charlotte County Fire and EMS	County Department	Construction of New Fire Station 17	General Infrastructure	TBD	Documentation
Charlotte County Emergency Management	County Department	Emergency Operation Center Expansion	Other	13,000,000	Documentation
Charlotte County Fire and EMS	County Department	Construction of New Fire Station 9	General Infrastructure	TBD	Documentation
Charlotte County Sheriffs	County Department	Construction of New District 5 Office	General Infrastructure	TBD	Documentation
Charlotte County Public Works	County Department	Charlotte County, Buck Creek Bridge Hardening	Hardening	688,590.53	Application Submitted
Charlotte County Community Services	County Department	Centennial Park Portable Generators	Generator	227,266.37	Application Submitted
Charlotte County Community Services	County Department	Harold Ave Recreation Center Wind Retrofit	Wind Retrofit	118,629	In Progress - DR4337 IRMA
Charlotte County Community Services	County Department	Harold Ave Recreation Center Generator Project	Generator	1,513,024	In Progress - DR4337 IRMA
Charlotte County Utilities	County Department	Charlotte County Lift Station Generators - Irma HMGP	Generator	1,671,973	In Progress - DR4337 IRMA
Charlotte County Public Schools	County Department	Kingsway Elementary Wind Retrofit	Wind Retrofit	663,350	In Progress - DR4337 IRMA
Charlotte County Family Services	County Department	Family Services Center Phase I Generator Project	Generator	441,393	In Progress - DR4486 COVID
Charlotte County Utilities	County Department	Eastport Wastewater Plant Hardening Project	Hardening	1,200,000	In Progress
Charlotte County Public Works	County Department	Charlotte County Flood Control Mapping Updates	Scoping/Planning	225,000	Deferred
Charlotte County Facilities	County Department	Medical Examiner Water Tank/Solutions	Other	TBD	Deferred
Charlotte County Facilities	County Department	Charlotte County Jail Generator Enclosures	Wind Retrofit	300,000 - 600,000	Deferred
Charlotte County Community Services	County Department	Acquisition of Green Space in NW Port Charlotte	Acquisition	18,000,000	Deferred
Charlotte County Community Services	County Department	Charlotte County Sports Park 3.0 Saferoom/Retrofit	Safe Room	TBD	Deferred
Charlotte County Utilities	County Department	Eastport Plant Generators	Generator	TBD	Deferred
Charlotte County Fleet	County Department	Fuel Station Expansion	Other	TBD	Deferred