



## APPENDIX D. PUBLIC AND STAKEHOLDER OUTREACH

This appendix provides documentation of public and stakeholder outreach. Stakeholder involvement in this planning process was broad and productive as discussed and further documented in Section 2 (Planning Process). Public and stakeholder input has been incorporated throughout this HMP as appropriate, as identified in Section 2 and the References section, as well as within specific mitigation initiatives identified within the jurisdictional annexes (Section 9).

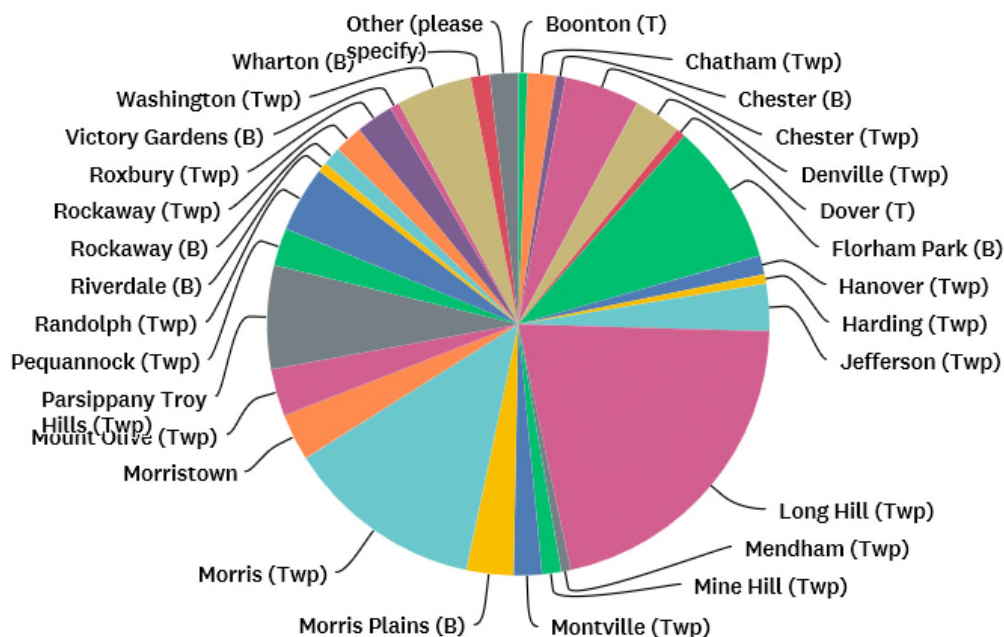
### D.1 CITIZEN SURVEY



This section contains information and results gathered from the Morris County Citizen Survey. The main objective of this survey was to gather information from citizens regarding their level of knowledge regarding hazard vulnerability and knowledge of hazard mitigation information for their local communities. The survey was available on the Morris County OEM's HMP website beginning in the early fall of 2019. County departments and several municipalities also posted the survey on their websites and social media as shown in the figures below.

A total of 228 respondents completed this survey through June 2020. Respondents primarily consisted of individuals who have lived in Morris County for 20 years or more and live in a single-family home. Survey respondents indicated they are most concerned regarding severe winter storms, severe weather and flooding. Survey respondents identified mitigation projects to reduce the effects of hazards include retrofit infrastructure; improve damage resistance to utilities and install and improve protective structures. The Citizen Survey results are included at the end of this appendix.

Figure D-1. Distribution of the Citizen Survey Responses





## D.2 PUBLIC MEETINGS

All Planning Partnership meetings were open to the public. Meetings were advertised on the Morris County OEM HMP website as well as through social media platforms. One resident attended the September 2019 Planning Partnership Kickoff meeting. This feedback was provided back to the County and municipalities to consider incorporation into the plan.

On September 14, 2019, the Township of Pequannock hosted its annual Hoedown. The Township's Flood Resilience Officer was available at a table to engage with residents, discuss the flood hazard, and had the HMP brochure available for distribution. A total of 17 residents signed-in at the table.

Morris County and the planning consultant attended the public event, Morristown on the Green on September 29, 2020 in the Town of Morristown. A table set up with Morris County Office of Health Management to distribute information on the HMP and engage with residents and businesses regarding the plan and mitigation. The HMP brochure in English and Spanish was available, as well as an abbreviated version of the citizen survey (8 questions) with a QR code for residents to take the 5-minute survey on their phone; refer to Figure D-2.

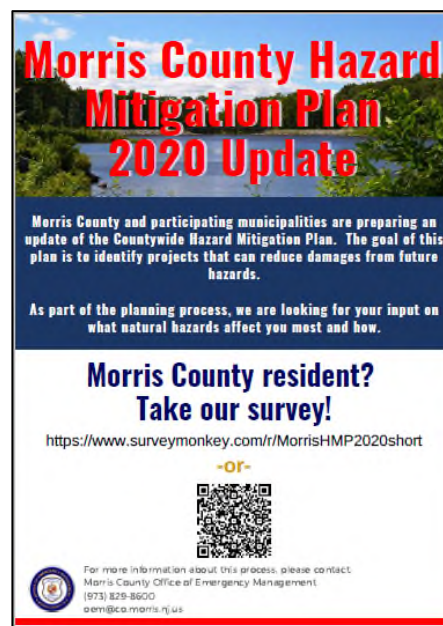


Figure D-2. Abbreviated Citizen Survey Card

An interactive mitigation strategy voting exercise was available for residents to take while visiting the mitigation table at this public event. The planning consultant asked residents what mitigation strategy they preferred implemented to reduce natural hazard risk in their community; the four FEMA mitigation strategy types were given as choices. Figure D-3 summarizes these results. A total of 45 residents participated in the survey with a majority selecting natural systems protection (18 votes) followed by structure and infrastructure projects (15 votes).

Figure D-3. Resident Survey at the Morristown Festival on the Green - Preferred Mitigation Actions Types to be Implemented in the County



## D.3. PRESS RELEASE

Morris County issued a press release to announce the commencement of the HMP update and invite residents to attend the kickoff meeting and take the citizen survey. Refer to Figure D-4 below.



Figure D-4. Morris County Press Release

morriscountynj.gov/2019/09/public-invited-to-kick-off-of-2020-update-to-morris-county-hazard-mitigation-plan/

Updates from Morris County: Get the latest on COVID-19

Morris County, NJ

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### Press Releases

#### Public Invited to Kick-Off Of 2020 Update to Morris County Hazard Mitigation Plan

Posted Friday, September 6th, 2019

Initial Meeting Tuesday, September 10 – Take the Survey!

Morris County residents are invited to join the county's Emergency Management team, Sheriff James Gannon, and other government officials at a kick-off meeting on Tuesday, Sept. 10, for the creation of a 2020 county Hazard Mitigation Plan to deal with potential disasters that might confront us in future years.

During this planning process, county and local leaders and participating communities will work in tandem to identify risks, assess capabilities, and formulate a strategy to reduce disaster vulnerability in our county.

The public Hazard Mitigation Plan kick-off meeting for the 2020 plan update will be held this Tuesday, 11 a.m., at the Morris County Public Safety Complex, 500 W Hanover Ave, Morristown, NJ 07960 (for GPS).

FEMA has approved more than about \$36 million in mitigation funding to Morris County and its municipalities since 2011 as a result of the county's approved All Municipalities Hazard Mitigation Plan.

However, that must be updated every five years, with the goal of being prepared to save lives and property through the reduction of hazard vulnerability. Ultimately, all 39 Morris County municipalities benefit from being eligible for federal funding.

Hazard Mitigation is defined as any action taken to reduce the loss of life and property by lessening the impact of disasters. These disasters could include floods, severe storms, and extreme temperatures, among many others.

Public participation and feedback is a vital part of the hazard mitigation planning process. In addition to asking residents to attend key meetings, Morris County also has developed a Citizen Preparedness Survey to assist in providing the public an outlet to contribute to the 2020 HMP update.

This survey is anonymous and will be used to develop portions of the plan. Fill out the survey at <https://www.surveymonkey.com/morris-hmp2020>.

If you would like more information on how to get involved in this project, contact the Morris County Office of Emergency Management at [oem@co.morris.nj.us](mailto:oem@co.morris.nj.us).

To keep up to date with the project, visit <https://oem.morriscountynj.gov/mitigation/2020-mitigation-plan-update/>.

Office of Emergency Management  
Morris County, NJ

### Recent Posts

- [COVID-19: Hanover Twp. Cancels Memorial Day Parade](#)
- [Morris Prosecutor: Little Falls Man Sentenced for Pequannock and Wayne Bank Robberies](#)
- [COVID-19: DEP Extends Public Comment Period on Permit Applications During Pandemic](#)
- [COVID-19: Morris Chamber Virtual Seminars to Feature Assembly Speaker and State GOP Leader](#)
- [Dover/Rockaway Railroad Study ... Public Meeting on Project to be Virtual on May 28](#)
- [COVID-19: Morris County MUA Cancels May 18th Household Hazardous Waste Disposal Event](#)
- [Route 80 Eastbound, Exit 34 and Two Lanes Closing Thursday in Wharton](#)
- [COVID-19: Governor Murphy Signs Executive Order Extending Public Health Emergency in New Jersey](#)
- [COVID-19: CCM Foundation Launches Titan Emergency Fund Campaign to Assist Students](#)
- [Morris Academy of Arts Dance Student from Dover Wins State Excellence Award](#)

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## D.4 STAKEHOLDER SURVEYS

Morris County distributed online surveys to stakeholders in an effort to gather additional capabilities, vulnerabilities and mitigation projects in the County and region. In order to gather that information during the COVID-19 pandemic, the surveys were sent to the following stakeholders: emergency services (law enforcement, firefighters, emergency medical services), transportation agencies and public works, business and commerce, hospitals and health care providers, social services, academia and utilities. A total of 70 responses were submitted across all sectors; refer to Figure D-5. Results of the surveys are provided at the end of this appendix, with personal information redacted. A summary of entities that the surveys were distributed to, and those that responded may also be found in Section 2 (Planning Process).

**Figure D-5. Number of Stakeholder Survey Responses by Sector**

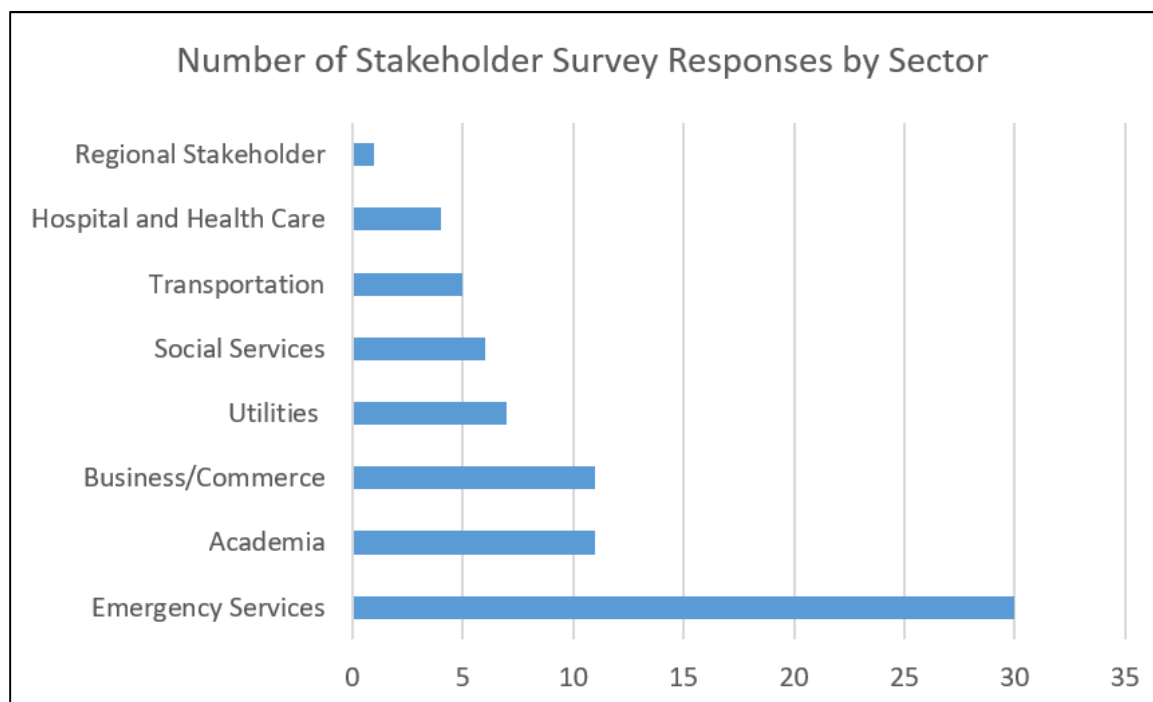


Table D-1 summarizes the state, regional and county entities these surveys were directly emailed to. In addition, Steering Committee members and the Planning Partnership were asked to assist with survey distribution. A detailed list of the local organizations the stakeholder surveys were distributed to is included in Section 2. A summary of stakeholder survey responses received are included at the end of this appendix.

**Table 0-1. State, Regional and County Entities Emailed the Stakeholder Survey Directly**

Stakeholders Emailed the Surveys		
Morris County Community College	Rutgers University - State Climatologist - Edward J. Bloustein School - Transportation	North Jersey Transportation Planning Authority
Drew University	Sustainable Jersey	New Jersey Department of Transportation
College of Saint Elizabeth	NJ Future	Union County Emergency Management





Stakeholders Emailed the Surveys		
Centenary University - Parsippany	Morris County Chamber of Commerce	Essex County Emergency Management
Fairleigh Dickenson	Morris County American Red Cross	Somerset County Emergency Management
New Jersey Highlands Council	Morris County MAPS (Morris Area Paratransit System)	Sussex County Planning Department
Verizon	Morris County Office of Temporary Assistance	Warren County Emergency Management
PSE&G	Hunterdon County	New Jersey Office of Emergency Management – Mitigation Unit
JCP&L	Passaic County	New Jersey Department of Environmental Protection
New Jersey American Water	Picatinny Arsenal	USACE – New York District

## D.4 WEBSITES, SOCIAL MEDIA AND NEWS ARTICLES

The following provides screenshots of websites, social media posts, news articles and other forms of public outreach.

Figure 0-6. Morris County OEM HMP Website

The screenshot displays the Morris County Office of Emergency Management (OEM) website. At the top, the Morris County seal is on the left, followed by the text "County of Morris, NJ" and "Emergency Management". A "Translate this Page" button is on the right. Below this is a search bar with a "Search" button. A red navigation bar contains links: Home, About, Emergency Alerts, Cooling/Warming Centers, Training, Municipal Coordinators, Directions, and Contact Us. The main content area features a "Register for Alerts" button, a "Resources" sidebar with links for General Interest, Weather and Flood Links, Flood Disaster Info, and Red Cross Mobile Apps. The "Latest News" section includes two articles: "2020 Mitigation Plan Update" and "We're Looking for an EMT!". On the right, a social media feed shows a Facebook post from Morris County OEM with a map of Morris County and text about a deployment to Florida.



Figure 0-7. Morris County Department of Planning & Preservation Website

The screenshot shows the homepage of the Morris County Department of Planning & Preservation website. At the top is a dark navigation bar with links: Morris County, NJ, County News, Freeholders, Government, Calendar, and Contact the County. Below this is a large banner featuring the county seal and the text "County of Morris, NJ Planning & Preservation". A secondary navigation bar contains links: Home, About Us, Boards & Committees, Minutes, Publications, Projects, Forms, and Contact. The main content area is divided into two columns. The left column, titled "Preservation Trust Fund", lists six categories: About the Preservation Trust, Farmland Preservation, Flood Mitigation, Historic Preservation, Open Space, and Trail Construction. The right column, titled "Latest News", features two articles. The first article, "2020 Mitigation Plan Update", describes the county's work on the 2020 Hazard Mitigation Plan (HMP) update, noting it is updated every five years and serves as a risk identification and reduction plan. It includes a link to the Morris County Office of Emergency Management (MCOEM) website. The second article, "Trail Construction Grant Applications Received", mentions public participation in the HMP planning process and a Citizen Preparedness Survey, with a link to fill out the survey. The third article, "Trail Construction Grant Applications Received", is partially visible at the bottom.

Preservation Trust Fund

- About the Preservation Trust
- Farmland Preservation
- Flood Mitigation
- Historic Preservation
- Open Space
- Trail Construction

## Latest News

### 2020 Mitigation Plan Update

Morris County has commenced work on the 2020 Morris County All Municipalities Hazard Mitigation Plan (HMP) update. The HMP is updated every five years and serves as the plan for identifying risk and reducing vulnerabilities in our communities. For more information on this plan please check the [Morris County Office of Emergency Management \(MCOEM\) website](#).

If you would like more information regarding how to get involved, [please contact MCOEM](#).

Public participation is a vital part of this plan. As part of the HMP planning process, Morris County has developed a Citizen Preparedness Survey. This survey is anonymous and will be used to develop portions of the plan. [Fill out the survey](#).

### Trail Construction Grant Applications Received

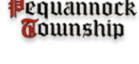



**Figure 0-8. Hazard Mitigation Brochure Available in the Morris County Department of Planning & Preservation Lobby in September 2019**









[Contact Us](#)


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[Departments](#)
[How Do I...](#)
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Figure D-11. Florham Park Facebook Page



Figure D-12. Morris County OEM Website with Updated Meeting Announcements – March 3, 2020 Mitigation Action Workshop





Figure D-13. Morris County Twitter Post Regarding the HMP Kickoff Meeting on September 10, 2019



Figure D-14. Morris County Herald-News Twitter Post Regarding the HMP Update





Figure D-15. Morris NewsBee Twitter Post Regarding the HMP Update



Figure D-16. New Jersey Hills Website Posts the Morris County News Release Regarding the HMP Commencement





Figure D-17. Hanover Eagle Twitter Post Regarding the HMP Kickoff Meeting



Figure D-18. Morris County Twitter Post Regarding the HMP Citizen Survey







Figure D-19. Chester Township Website Announcing the HMP Citizen Survey



Figure D-20. Borough of Chatham Website Announcing the Hazard Mitigation Plan Update

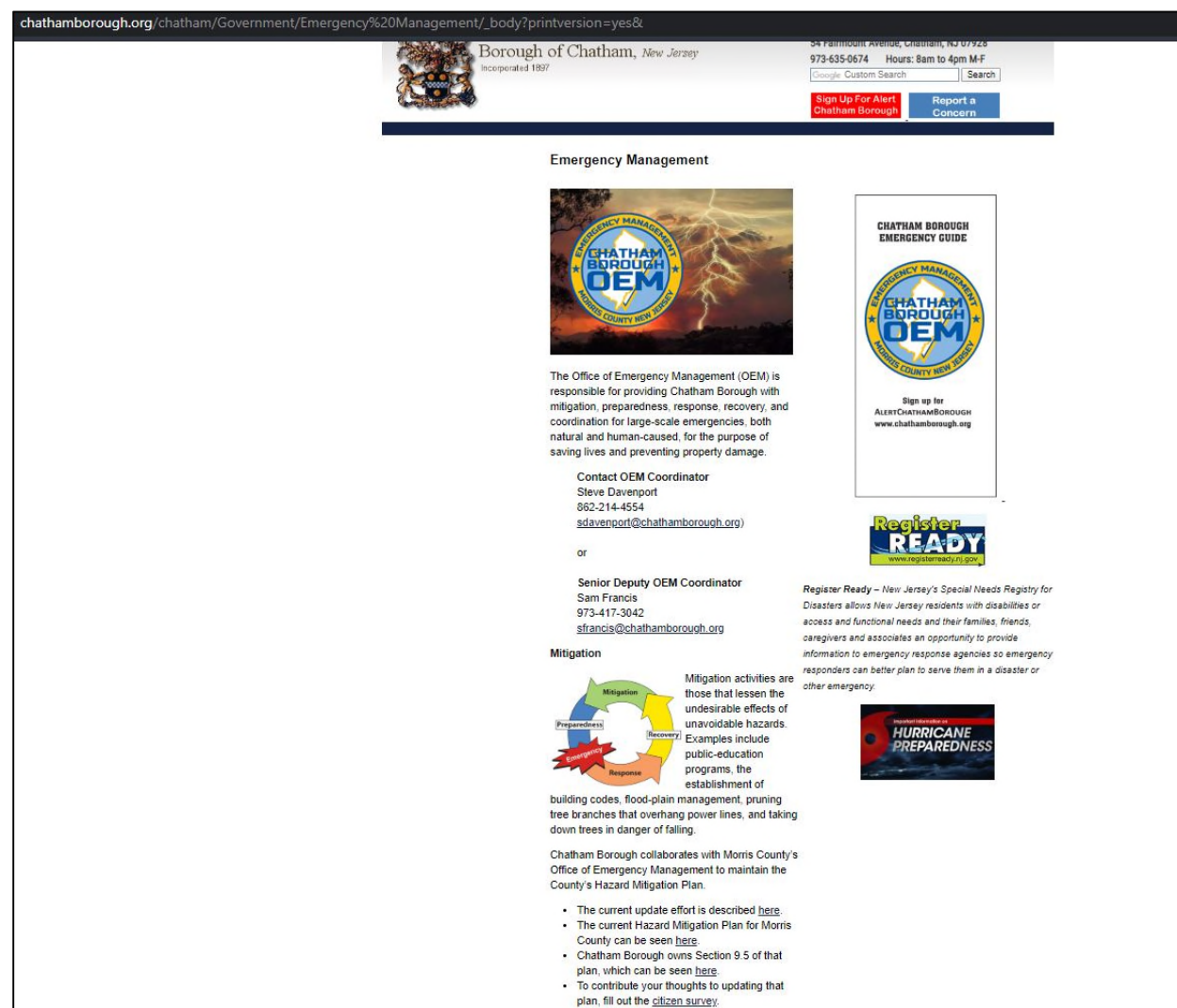




Figure D-21. Long Hill Township Twitter Post Regarding the HMP Citizen Survey

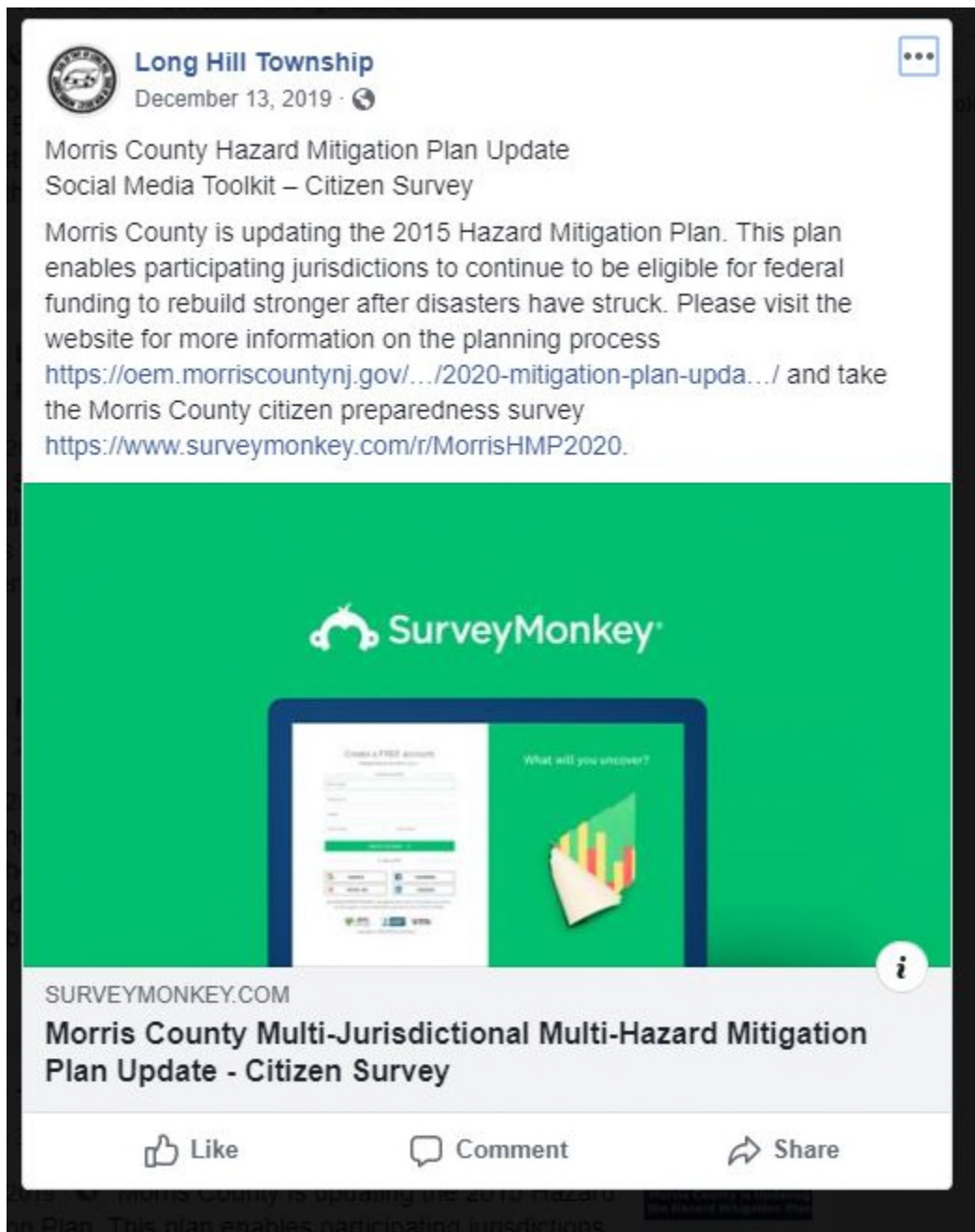




Figure D-22. Morris Herald-News HMP Twitter Post

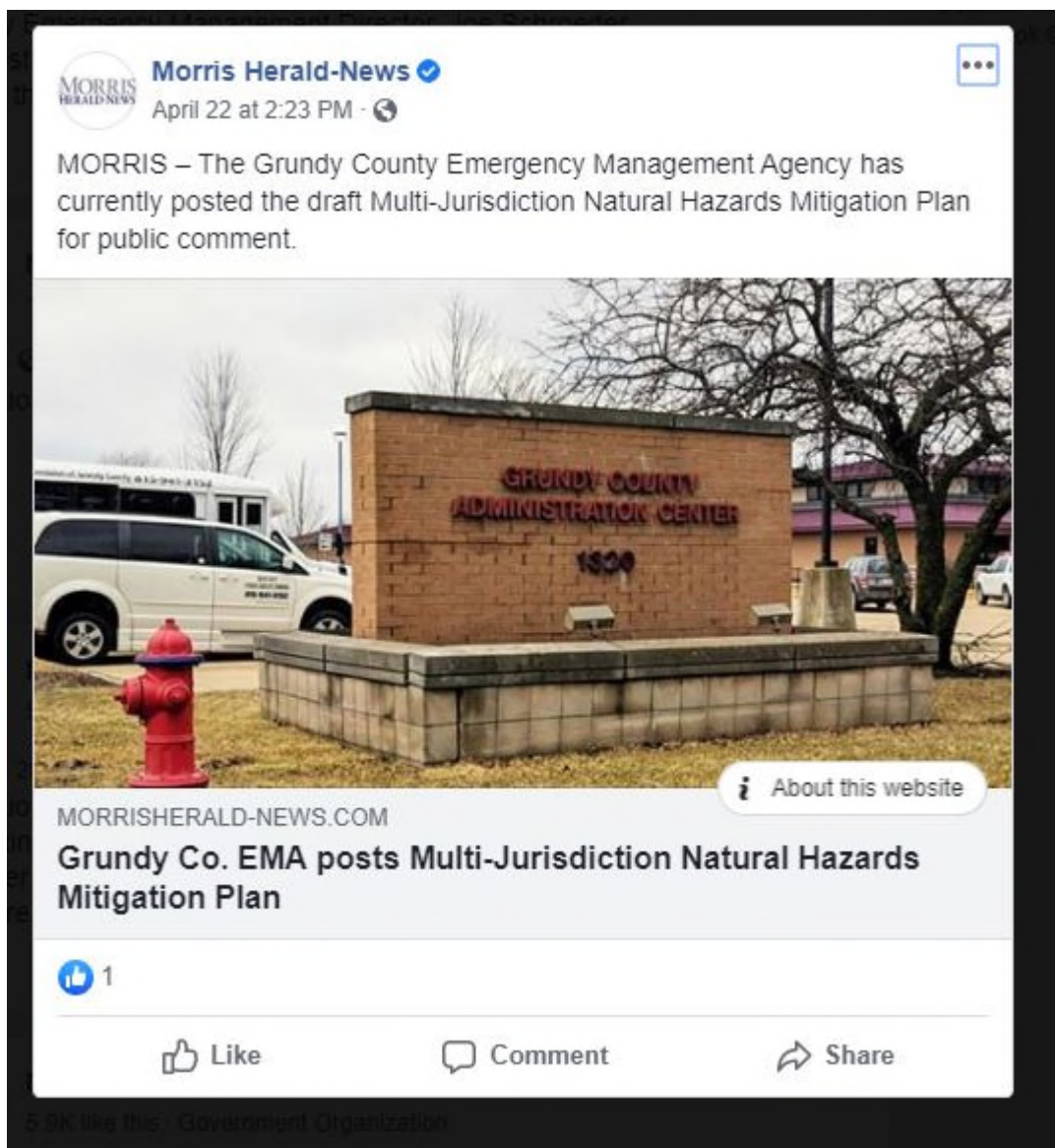






Figure D-23. Morris Plains Police Department Twitter Post Regarding the HMP Update and Citizen Survey

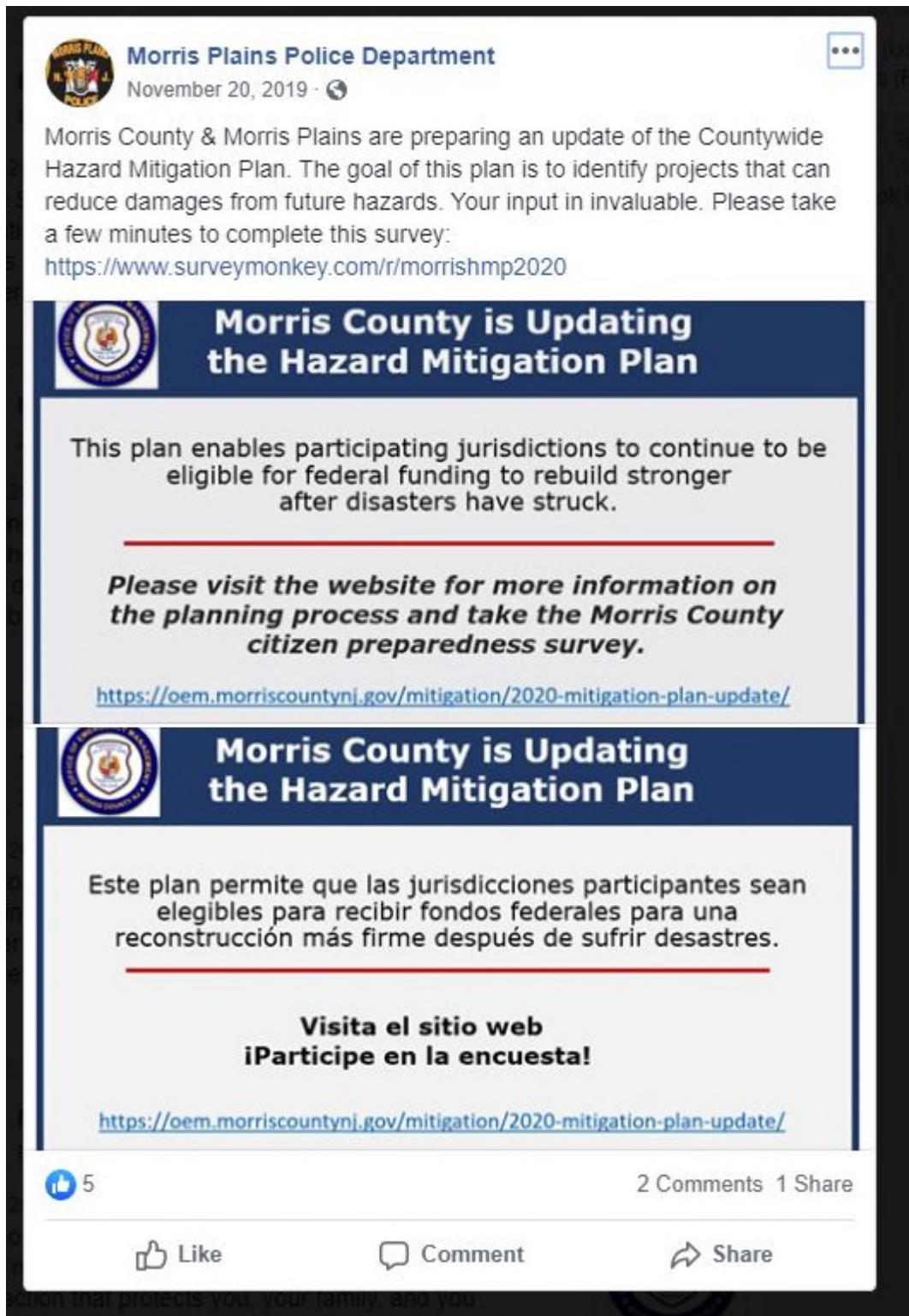






Figure D-24. Borough of Madison Twitter Post Regarding the HMP Update and Citizen Survey

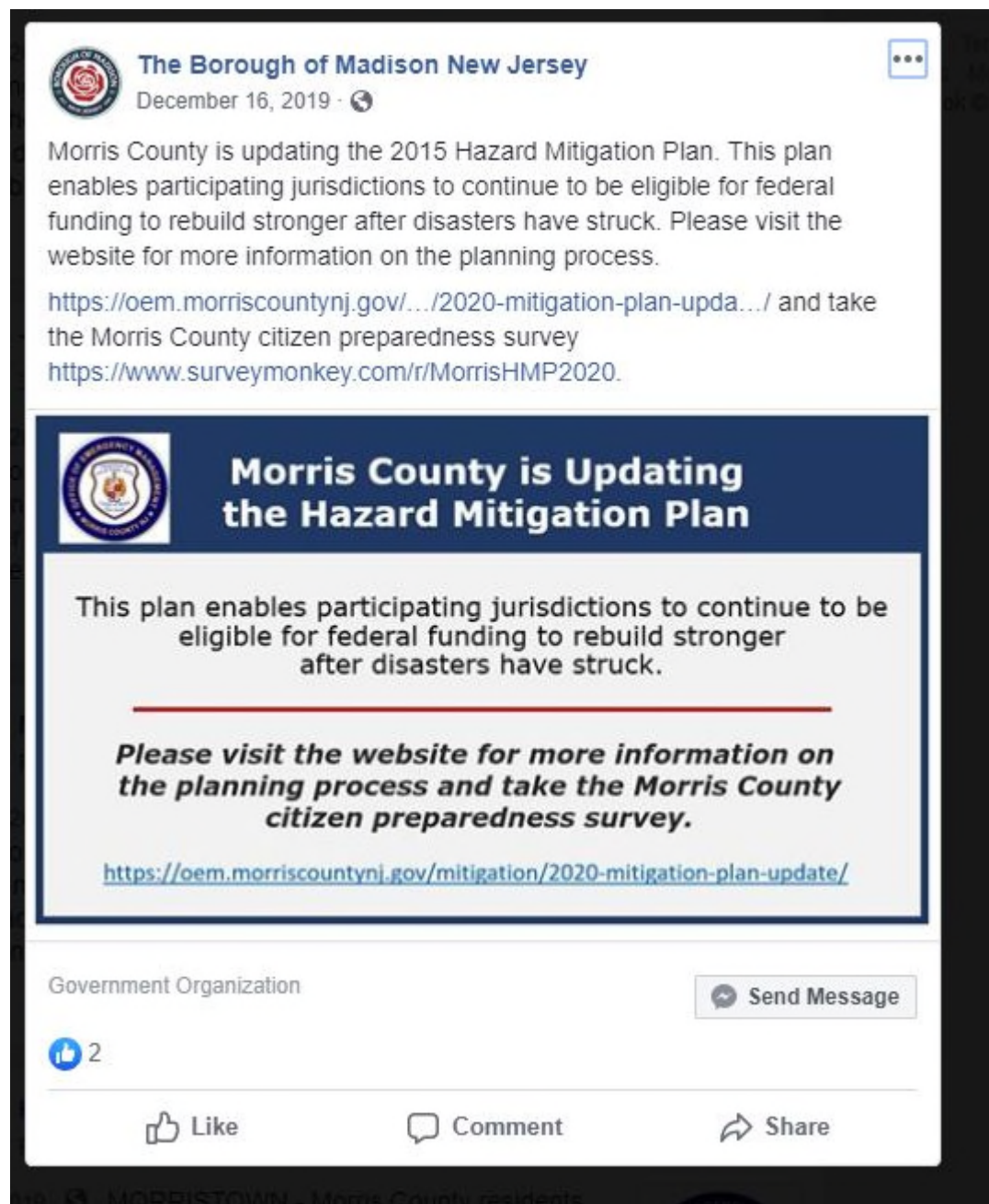




Figure D-25. Hanover Eagle Twitter Post Regarding the HMP Update



Figure D-26. Borough of Lincoln Park Website Announcing the Draft HMP Available for Public Review

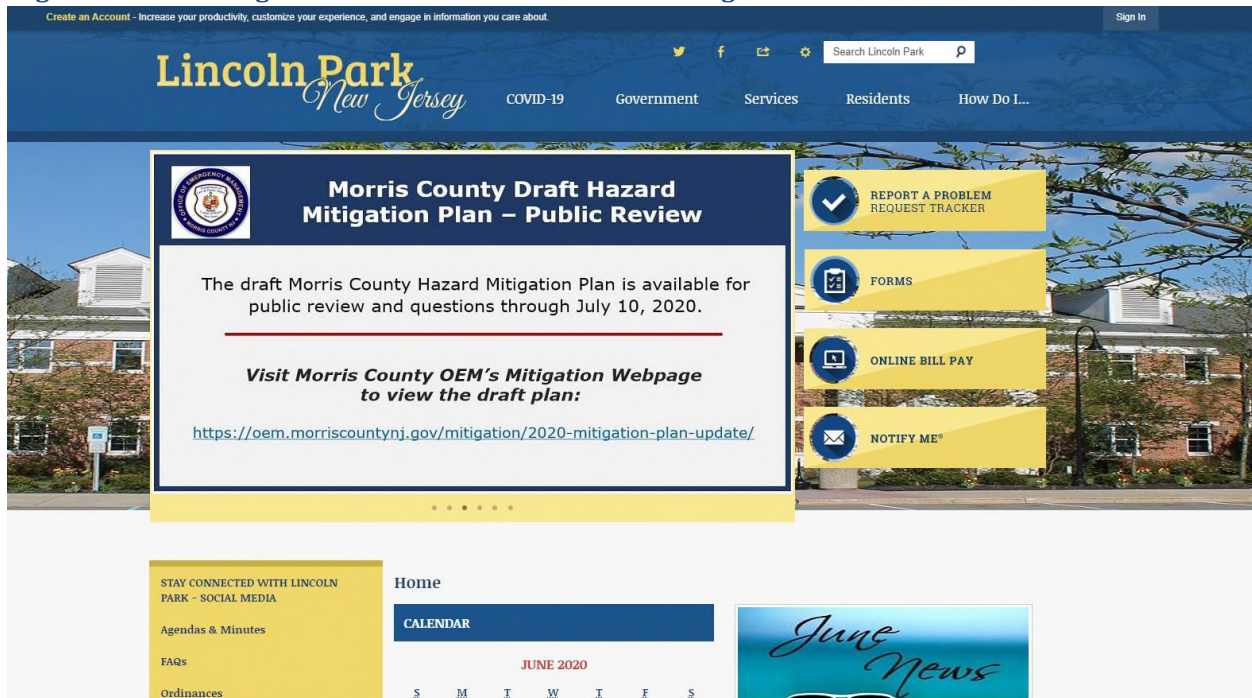




Figure D-27. Borough of Chatham Announcing the Draft HMP is Available for Public Review



Figure D-28. Morris Township Announcing the Draft HMP is Available for Public Review in English and Spanish

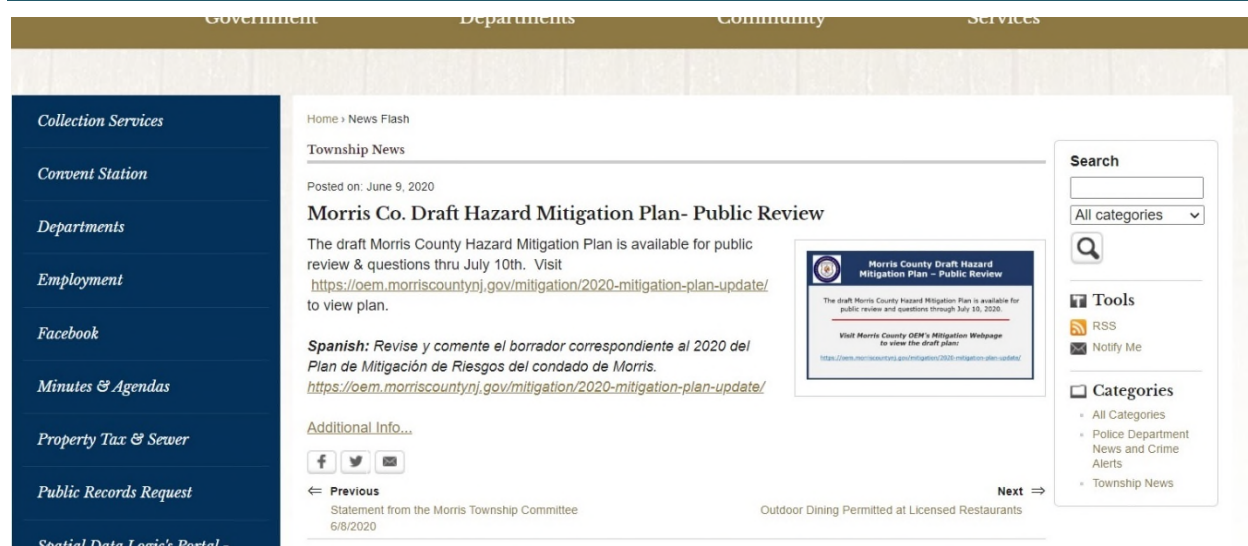







Figure D-29. Chatham Borough Announcing the Draft HMP is Available for Public Review

[\\*Public Statement from Mayor Thaddeus Kobylarz and Police Chief Brian Gibbons Regarding the Death of George Floyd and Public Protests](#)

 **NEW JERSEY**  
COVID-19 Information Hub

[June 5, 2020 News from Chatham Borough](#)

Governor Murphy's Executive Orders - COVID-19  
[More...](#)

2020 Morris County All Municipalities Hazard Mitigation Plan (HMP) update  
[More...](#)

**BOARD OF HEALTH NOTICE OF MEETING June 11, 2020 5:00pm\* (pdf)**  
Adequate notice of the change in time and format of the Board of Health meeting was provided to the press on June 9, 2020, a copy of which was posted on the Borough website, as well as the front and side entrance of Borough Hall.  
[More...](#)

**Morris County COVID-19 Patient Testing**  
The County of Morris, in partnership with Atlantic Health, is offering drive-thru COVID-19 testing at the County College of Morris, Center Grove Road, Randolph, NJ 07869  
[More...](#)

[Vote by Mail Frequently Asked Questions For the July 7, 2020 Primary Elections \(pdf\)](#)

**Calendar**  
Fishawack Festival CANCELLED  
Recycling Depot 9am-12pm  
Mulch Area 12-4pm  
**Sun Jun 14**  
Flag Day  
**Mon Jun 15**  
Borough Hall Closed for records inventory  
Joint Meeting 7:30pm  
**Tue Jun 16**  
Green Team 7pm  
Historic Preservation Commission 7:30pm  
Shade Tree Commission 7:30pm  
**Wed Jun 17**  
Planning Board 7:30pm  
Mulch Area 1-4pm  
**Fri Jun 19**  
Borough Hall Closes at 1pm  
Curbside Recycling  
**Sat Jun 20**  
Farmer's Market Opening Day 8am-1pm  
Recycling Depot 9am-12pm  
Mulch Area 12-4pm  
[Monthly Calendar](#)  
[2020 Chatham Calendar \(pdf\)](#)

Figure D-30. Longhill Township Website

longhillnj.gov/index.html

Home Departments Government Documents / Forms Community Calendar Contact

News LHTV Bulletin Board Wastewater Referendum / Compliance Affordable Housing Land Diversion Master Plan Outreach OPRA / OPMA

[Fire Prevention Annular in Lieu of Inspection \(posted 3/23/20\)](#)

[NJ.gov COVID-19: Residents ask your COVID19 questions here \(posted 3/21/20\)](#)

[Notice from the Long Hill Township Fire Prevention Office \(posted 3/20/20\)](#)

[Notice Tax & Sewer Payment Information during COVID-19 \(posted 3/20/20\)](#)

[Announcement Town Hall Building Closing to the Public - Services Continue \(posted 3/14/20\)](#)

[Press Release: Health Department Offices Closed to the Public, Open for Phone Calls and Emails \(posted 3/16/20\)](#)

[Free Smoke Alarm Program \(posted 2/13/20\)](#)

[PSE&G natural gas bill credit \(posted 1/30/20\)](#)

[2019 Property Tax Pie Chart \(posted 1/22/20\)](#)

[Preliminary 2020 Tax Impact \(posted 12/05/19\)](#)

[Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan 2020 Update \(posted 12/04/19\)](#)

[Ask About Our Free Smoke Alarm Program \(posted 10/17/19\)](#)


[New Traffic Signal and Pattern - Valley and Mountain \(posted 7/25/19\)](#)

[Morris Area Energy Cooperative - Program Update \(posted 6/4/19\)](#)


[DEP Summary of TIFA \(posted 6/5/18\)](#)

**Employment Application**

**Alert LongHill**




Half Staff Flag Orders




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Property Information Look Up







## **D.5 NEIGHBORING COUNTIES AND COMMUNITIES**

As discussed in Section 2 (Planning Process), Morris County has kept surrounding and nearby counties and stakeholders apprised of the project and invited them to participate in the planning process. The following counties were contacted on June 10, 2020 via formal letter and email from Morris County OEM to inform them about the draft plan documents and to invite them to provide input.

- Passaic County, New Jersey – County Administrator and County OEM Coordinator
- Sussex County, New Jersey – County Administrator and Sheriff
- Warren County, New Jersey – County Administrator and Director of Public Safety
- Hunterdon County, New Jersey – County Administration and County OEM Coordinator
- Somerset County, New Jersey – County Administrator and County OEM Coordinator
- Union County, New Jersey – County Manager and Emergency Management
- Essex County, New Jersey – County Executive and Sheriff/OEM
- New Jersey Highlands Council
- Picatinny Arsenal

COUNTY OF MORRIS  
DEPARTMENT OF LAW & PUBLIC SAFETY  
EMERGENCY MANAGEMENT

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Stephen H. Shaw, Deputy Director

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Kathryn A. DeFillippo  
John Krickus  
Thomas J. Mastrangelo  
Tayfun Selen

P.O. BOX 900  
MORRISTOWN, NJ 07963-0900



County Administrator  
John Bonanni  
Assistant Administrator  
Deena Leary

Law & Public Safety Director  
Scott DiGiralomo  
Emergency Management Director  
Jeffrey S. Paul

June 10, 2020

Chris Grimm  
Picatinny Arsenal Emergency Management

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Grimm,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

Presently, our draft plan is now in a public review period prior to submission to FEMA for approval. By means of this letter, Morris County is seeking your participation in this important planning effort. By participating in the review of this plan, you will be engaging in the regional coordination of disaster mitigation planning, which is one of the intents of the Mitigation Planning Regulations (44 CFR 201).

Specifically, we encourage interested stakeholders and community representatives to become familiar with this process by reviewing and providing input on the draft and final plan documents by visiting

<https://oem.morriscountynj.gov/mitigation/2020-mitigation-plan-update/>

Any questions or comments regarding the plan can be made directly to our Office of Emergency Management by phone at 973-829-8600 and [oem@co.morris.nj.us](mailto:oem@co.morris.nj.us)

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June 9, 2020

To: Maryjude Haddock-Weiler, PP/AICP  
New Jersey Highlands Council  
100 North Road (Route 513)  
Chester, NJ 07930-2322

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Ms. Haddock-Weiler,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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Emergency Management Director  
Jeffrey S. Paul

June 10, 2020

Sheriff Armando Fontoura, Essex County Emergency Management  
125 Fairview Avenue Bldg 12  
Cedar Grove, NJ 07009

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Sheriff Fontoura,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

Due to your proximity to Morris County, the effects of many of these disasters would be similar in your county and your involvement in this process could reap mutual benefits to both counties. By participating in the review of this plan, you will be engaging in the regional coordination of disaster mitigation planning, which is one of the intents of the Mitigation Planning Regulations (44 CFR 201).

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Scott DiGiralomo  
Emergency Management Director  
Jeffrey S. Paul

June 10, 2020

Joseph N. DiVincenzo, Jr., Essex County Executive  
465 Dr. Martin Luther King, Jr. Boulevard, Room 405  
Newark, NJ 07102

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. DiVincenzo,

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MORRISTOWN, NJ 07963-0900



Douglas R. Cabana  
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Tayfun Selen

County Administrator  
John Bonanni  
Assistant Administrator  
Deena Leary

Law & Public Safety Director  
Scott DiGiralomo  
Emergency Management Director  
Jeffrey S. Paul

June 9, 2020

Kevin P. Davis  
Hunterdon County Administration Building  
71 Main Street - Building #1, 3rd Floor  
PO Box 2900  
Flemington, New Jersey 08822-2900

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Davis,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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June 9, 2020

Hunterdon County Department of Public Safety  
Division of Emergency Management  
Brayden Fahey, County Coordinator  
201 Cherryville Road  
PO Box 2900  
Flemington, NJ 08822

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Fahey,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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June 9, 2020

Anthony J. DeNova III  
Passaic County Administrator  
401 Grand Street, Room 205 Paterson, NJ 07505

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. DeNova,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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June 9, 2020

Robert A. Lyons  
OEM Coordinator  
300 Oldham Road  
Wayne, NJ 07470

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Lyons,

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June 9, 2020

Michael J. Amorosa, Somerset County Administrator  
20 Grove Street, P.O. Box 3000, Somerville, NJ 08876

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Amorosa,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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Jeffrey S. Paul

June 9, 2020

Douglas J. Vornlocker, Director  
Somerset County Emergency Management  
P.O. Box 3000, Somerville, NJ 08876

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Vornlocker,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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Jeffrey S. Paul

June 9, 2020

Gregory V. Poff II  
Office of the County Administrator  
Sussex County Administrative Center  
One Spring Street  
Newton, NJ 07860

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Poff,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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Jeffrey S. Paul

June 9, 2020

Sheriff Michael F. Strada  
Sussex County Office of Emergency Management  
135 Morris Turnpike, Newton, NJ 07860

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Sheriff Strada,

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Jeffrey S. Paul

June 10, 2020

Edward Oatman, Union County Manager  
10 Elizabethtown Plaza, Elizabeth, NJ 07207

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Oatman,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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June 10, 2020

Chris Scaturo, Union County Emergency Management  
400 North Avenue East, Westfield, NJ 07090

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Scaturo,

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June 9, 2020

Alex J. Lazorisak, Warren County Administrator  
Wayne Dumont, Jr. Administration Building  
165 County Route 519 South, Belvidere, NJ 07823-1949

Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Lazorisak,

Morris County is updating our Hazard Mitigation Plan to meet the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). The purpose of this plan is to identify vulnerabilities to a variety of natural and man-made disasters, and to develop plans to help minimize losses if disasters should occur. The intent of the plan is to provide a comprehensive document that considers the wide diversity of communities, businesses, and services that are an integral part of Morris County and the region as a whole. In addition to its value as a hazard mitigation plan, the development of this document is also required under the DMA 2000 to ensure eligibility for federal mitigation funding.

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June 9, 2020

Frank E. Wheatley, Director of Public Safety/Emergency Management Coordinator  
Warren County Department of Public Safety  
1024 Rt. 57, Washington, NJ 07882-9618  
Re: Morris County All Hazards Mitigation Plan – 2020 Update

Mr. Wheatley,

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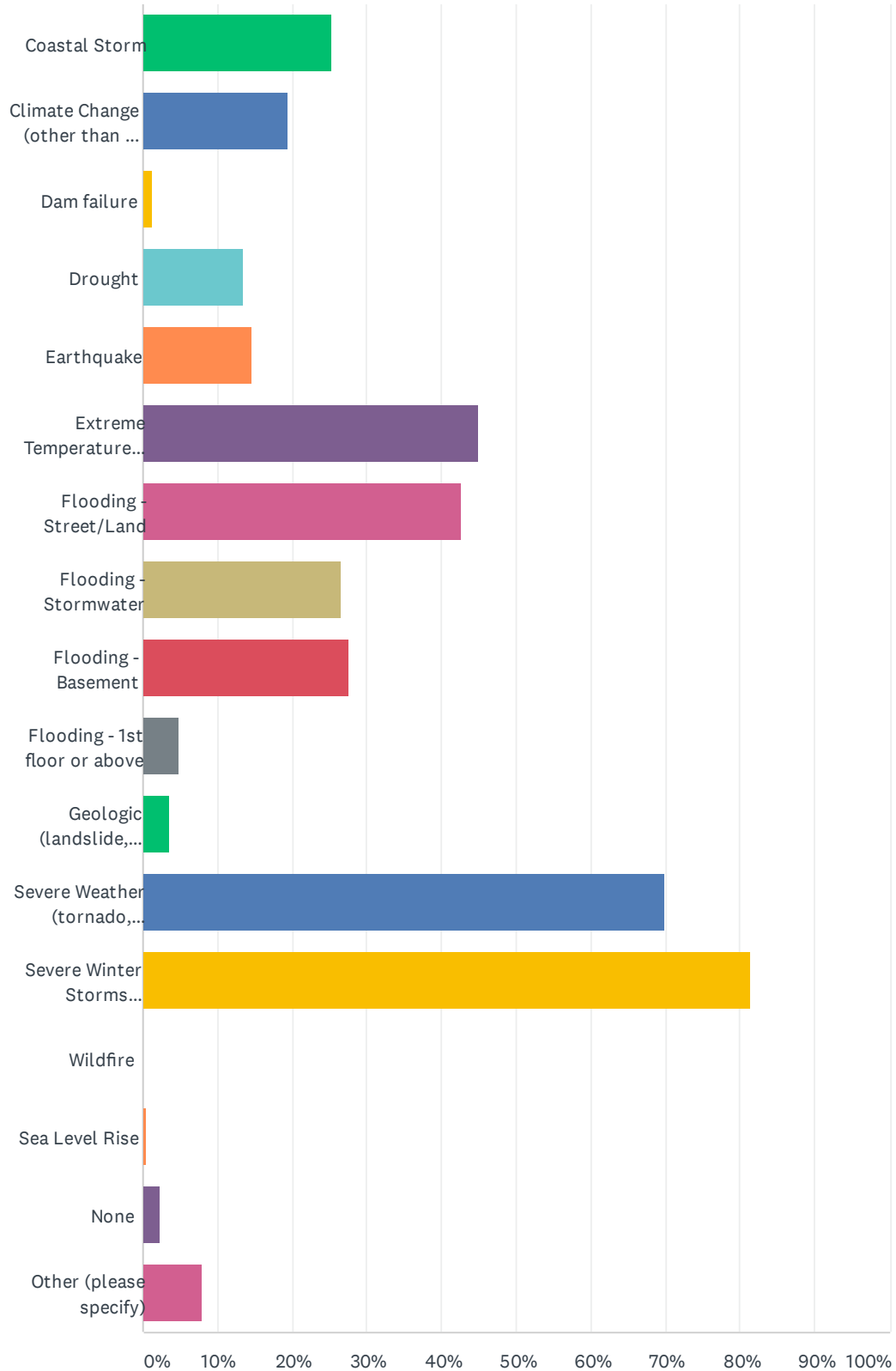
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**Q1 In the past 10 years, which of the following natural hazard events have you experienced in Morris County? Check all that apply.**

Answered: 225   Skipped: 3

# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



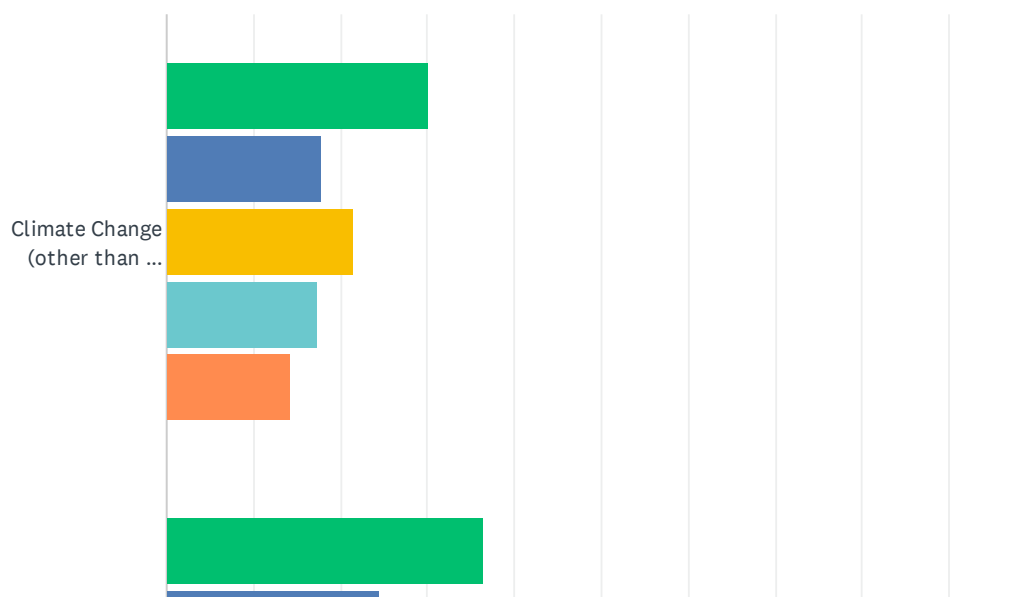


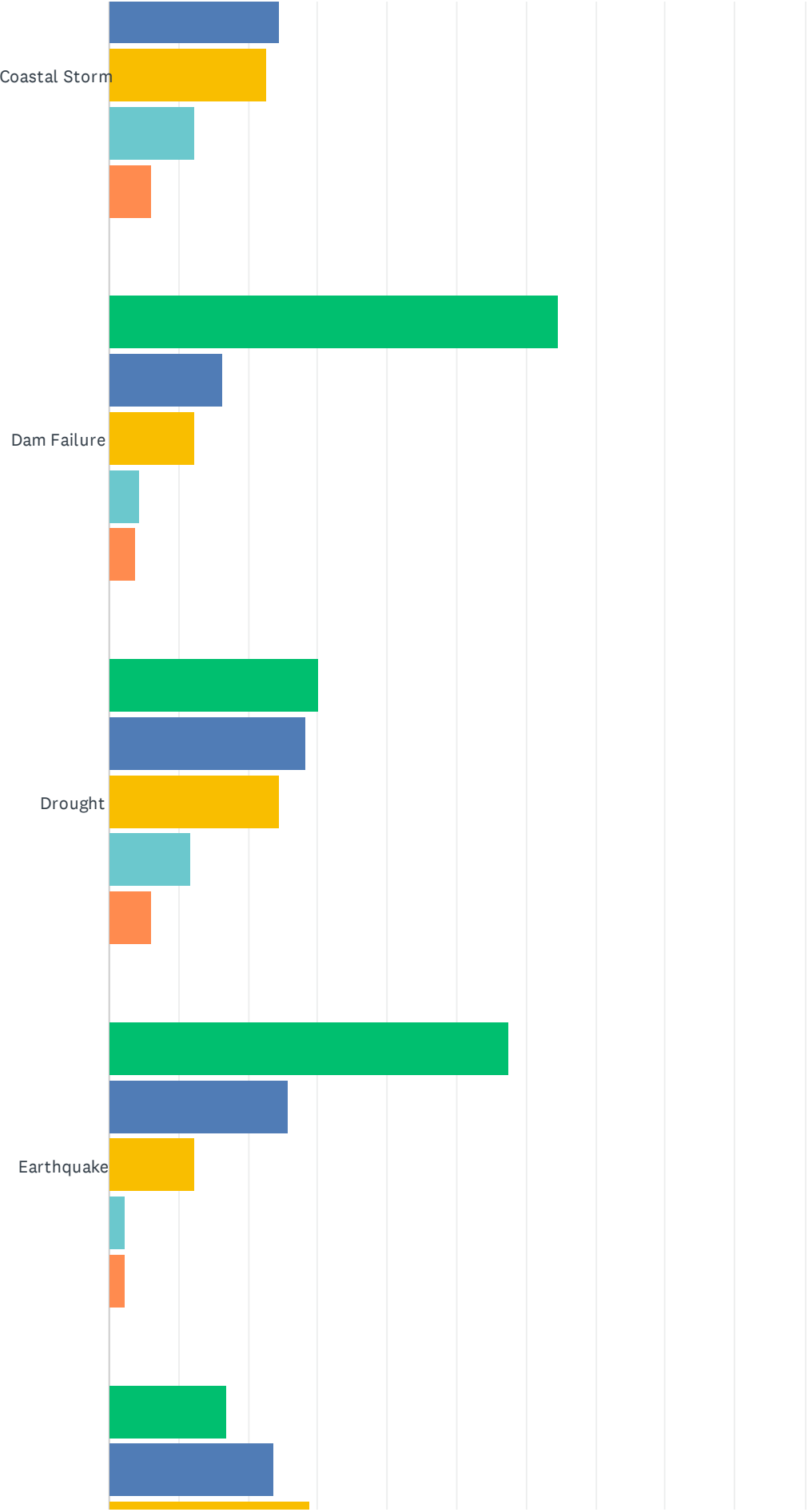
# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

ANSWER CHOICES	RESPONSES	
Coastal Storm	25.33%	57
Climate Change (other than sea level rise)	19.56%	44
Dam failure	1.33%	3
Drought	13.33%	30
Earthquake	14.67%	33
Extreme Temperature (heat and cold)	44.89%	101
Flooding - Street/Land	42.67%	96
Flooding - Stormwater	26.67%	60
Flooding - Basement	27.56%	62
Flooding - 1st floor or above	4.89%	11
Geologic (landslide, sinkholes, subsidence)	3.56%	8
Severe Weather (tornado, thunderstorm, hail)	69.78%	157
Severe Winter Storms (blizzard, heavy snow, ice)	81.33%	183
Wildfire	0.00%	0
Sea Level Rise	0.44%	1
None	2.22%	5
Other (please specify)	8.00%	18
Total Respondents: 225		

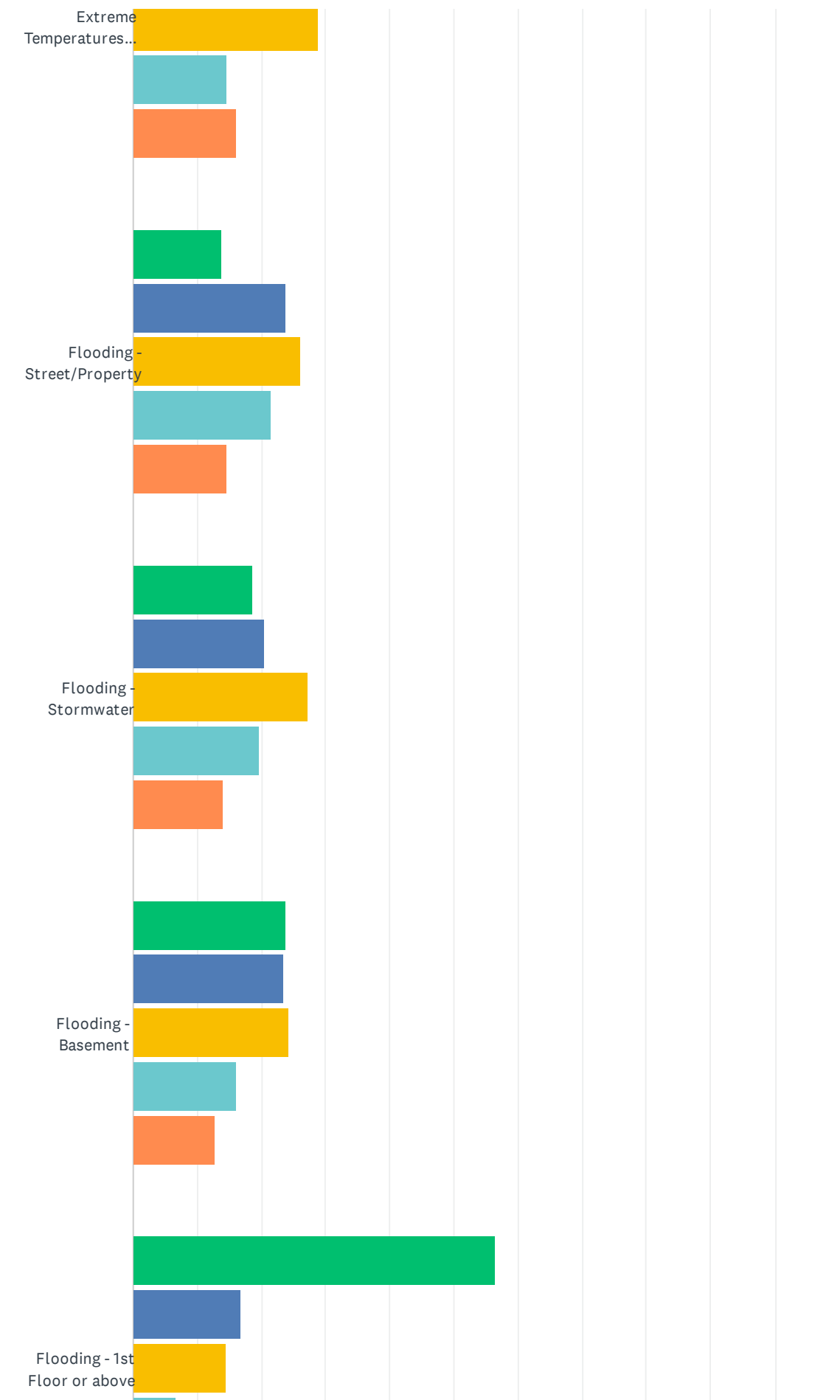
**Q2 How concerned are you about the following natural hazards in Morris County? Please check one for each hazard.**

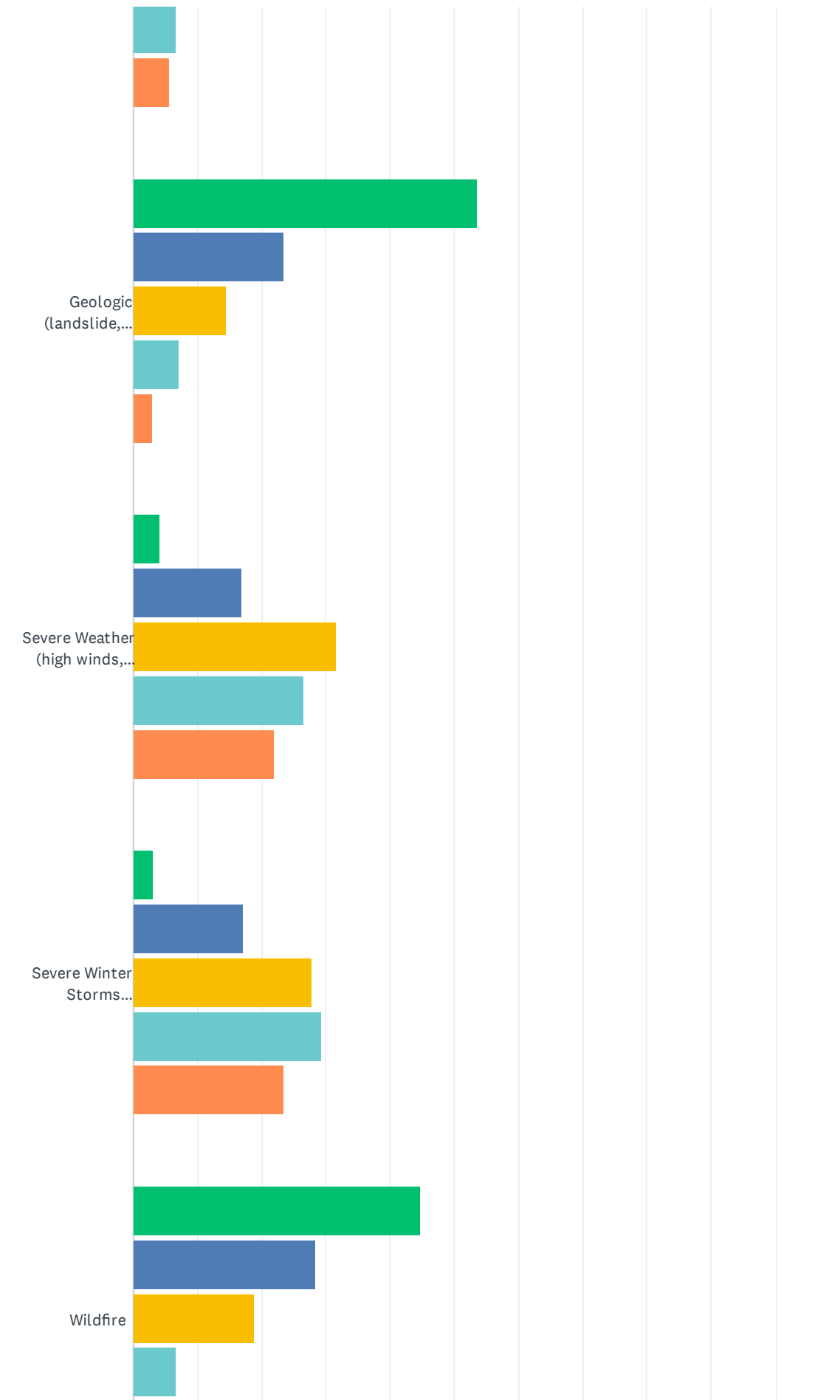
Answered: 226 Skipped: 2





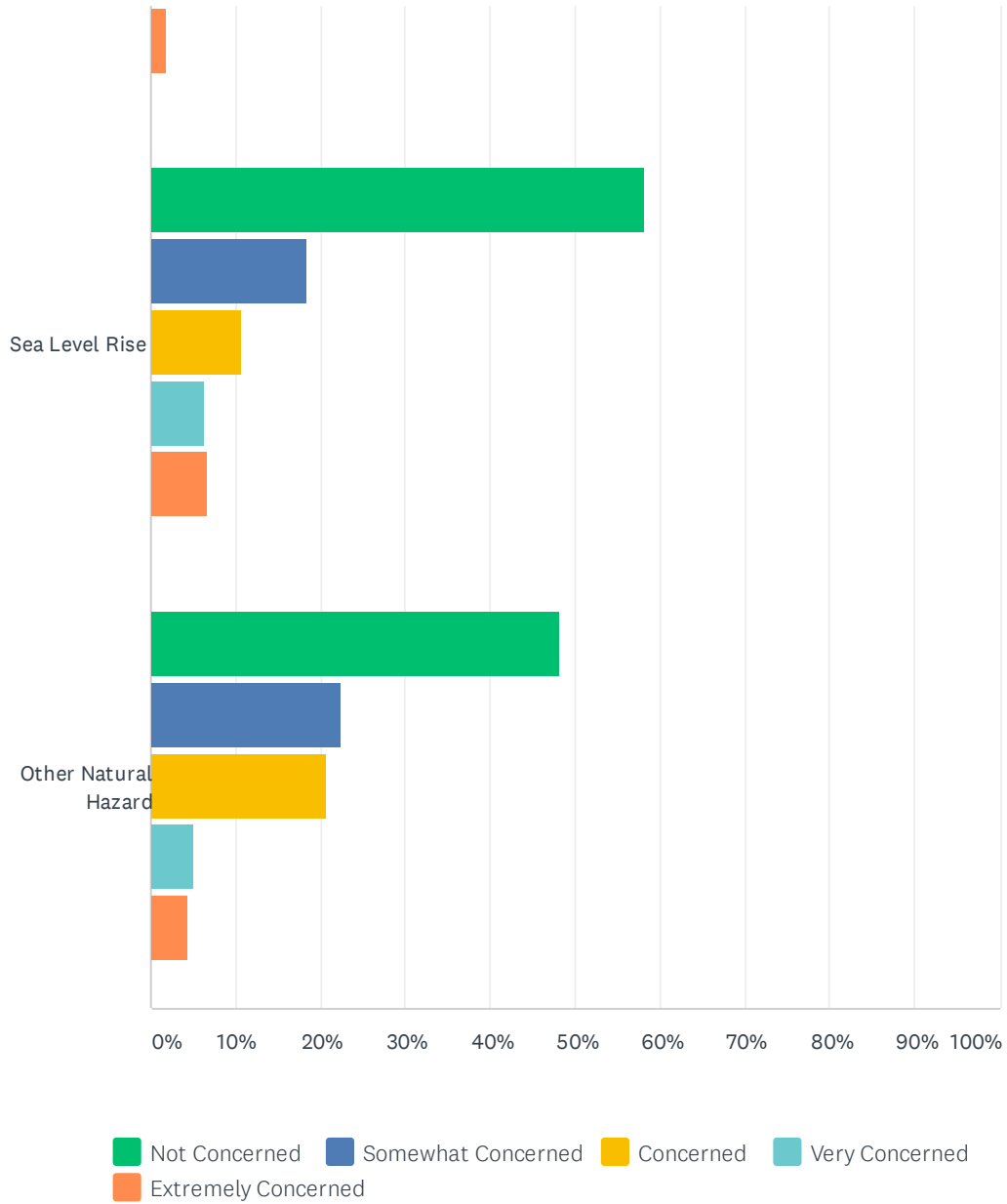
Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey







# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

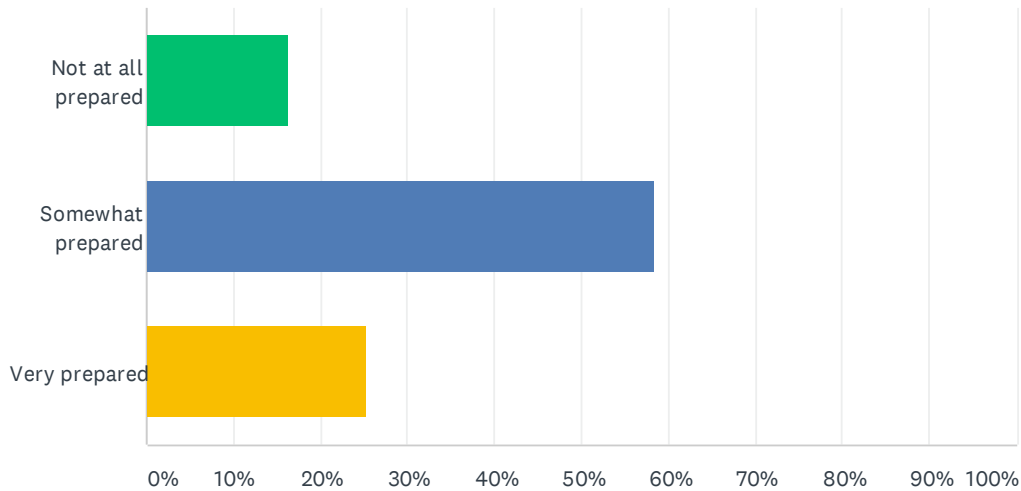
	NOT CONCERNED	SOMEWHAT CONCERNED	CONCERNED	VERY CONCERNED	EXTREMELY CONCERNED	TOTAL RESPONDENTS
Climate Change (other than sea level rise)	30.14% 66	17.81% 39	21.46% 47	17.35% 38	14.16% 31	219
Coastal Storm	36.32% 77	24.53% 52	22.64% 48	12.26% 26	6.13% 13	212
Dam Failure	64.59% 135	16.27% 34	12.44% 26	4.31% 9	3.83% 8	209
Drought	30.05% 64	28.17% 60	24.41% 52	11.74% 25	6.10% 13	213
Earthquake	57.62% 121	25.71% 54	12.38% 26	2.38% 5	2.38% 5	210
Extreme Temperatures (heat and cold)	16.98% 36	23.58% 50	28.77% 61	14.62% 31	16.04% 34	212
Flooding - Street/Property	13.76% 30	23.85% 52	26.15% 57	21.56% 47	14.68% 32	218
Flooding - Stormwater	18.69% 40	20.56% 44	27.10% 58	19.63% 42	14.02% 30	214
Flooding - Basement	23.81% 50	23.33% 49	24.29% 51	16.19% 34	12.86% 27	210
Flooding - 1st Floor or above	56.46% 118	16.75% 35	14.35% 30	6.70% 14	5.74% 12	209
Geologic (landslide, sinkholes, subsidence)	53.59% 112	23.44% 49	14.35% 30	7.18% 15	2.87% 6	209
Severe Weather (high winds, lightning, hail)	4.11% 9	16.89% 37	31.51% 69	26.48% 58	21.92% 48	219
Severe Winter Storms (blizzard, heavy snow, ice)	3.15% 7	17.12% 38	27.93% 62	29.28% 65	23.42% 52	222
Wildfire	44.71% 93	28.37% 59	18.75% 39	6.73% 14	1.92% 4	208
Sea Level Rise	58.25% 120	18.45% 38	10.68% 22	6.31% 13	6.80% 14	206
Other Natural Hazard	48.04% 86	22.35% 40	20.67% 37	5.03% 9	4.47% 8	179

**Q3 In the last 10 years, were you evacuated from your home as a result of a disaster (e.g. flooding)? If so, how long were you displaced? Did you go to a shelter?**

Answered: 207 Skipped: 21

**Q4 How prepared is your household to get along without electricity or natural gas for one to five days?**

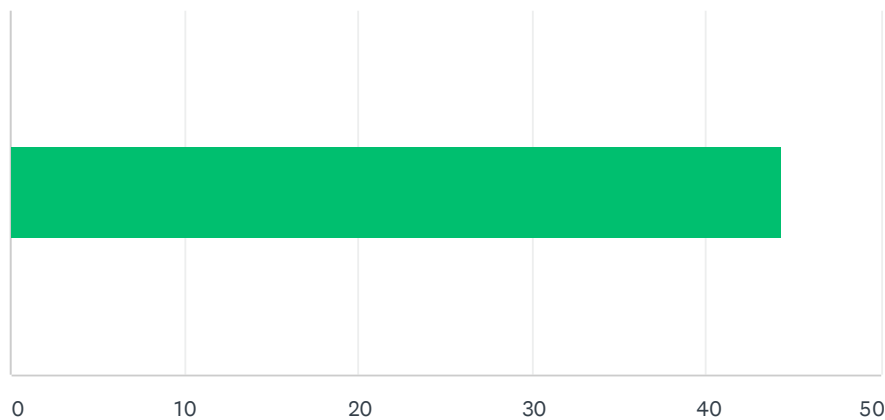
Answered: 226 Skipped: 2



ANSWER CHOICES	RESPONSES	
Not at all prepared	16.37%	37
Somewhat prepared	58.41%	132
Very prepared	25.22%	57
TOTAL		226

**Q5 Please rank how prepared you feel and your household are for natural disaster events likely to occur within your community. Rank on a scale of 1 to 5, with 5 representing the most prepared.**

Answered: 224 Skipped: 4

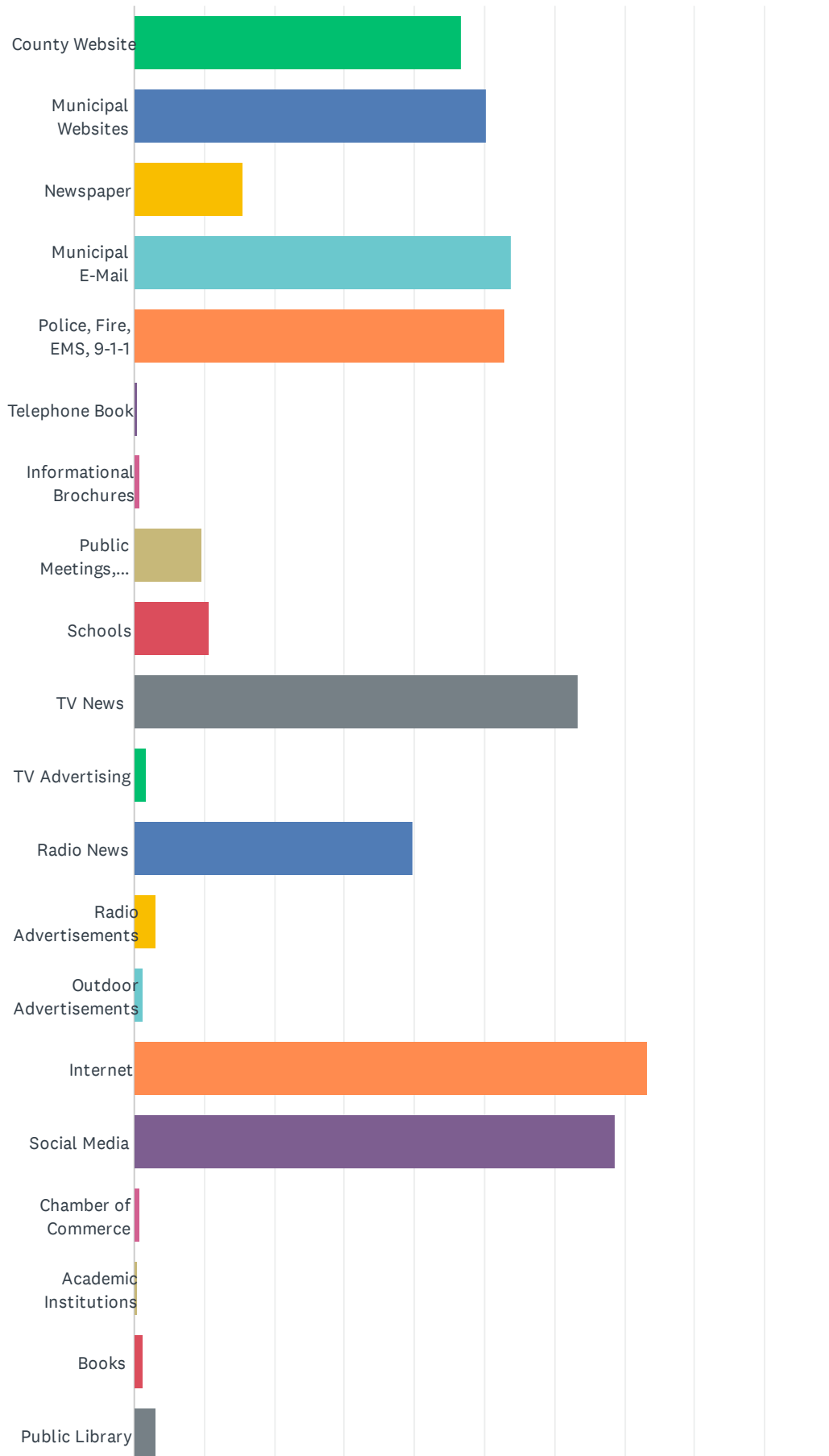


ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	44	9,942	224
Total Respondents: 224			

**Q6 How do you receive your information concerning a disaster? Check all that apply.**

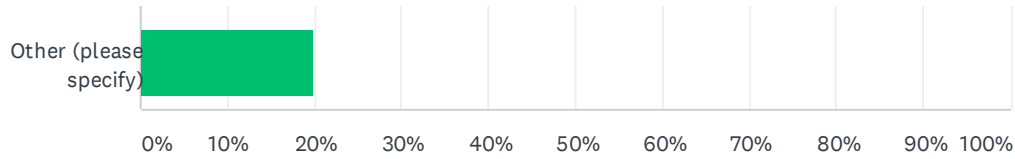
# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

Answered: 227    Skipped: 1





# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
County Website	46.70%	106
Municipal Websites	50.22%	114
Newspaper	15.42%	35
Municipal E-Mail	53.74%	122
Police, Fire, EMS, 9-1-1	52.86%	120
Telephone Book	0.44%	1
Informational Brochures	0.88%	2
Public Meetings, Workshops, Public Awareness Events	9.69%	22
Schools	10.57%	24
TV News	63.44%	144
TV Advertising	1.76%	4
Radio News	39.65%	90
Radio Advertisements	3.08%	7
Outdoor Advertisements	1.32%	3
Internet	73.13%	166
Social Media	68.72%	156
Chamber of Commerce	0.88%	2
Academic Institutions	0.44%	1
Books	1.32%	3
Public Library	3.08%	7
Other (please specify)	19.82%	45
Total Respondents: 227		

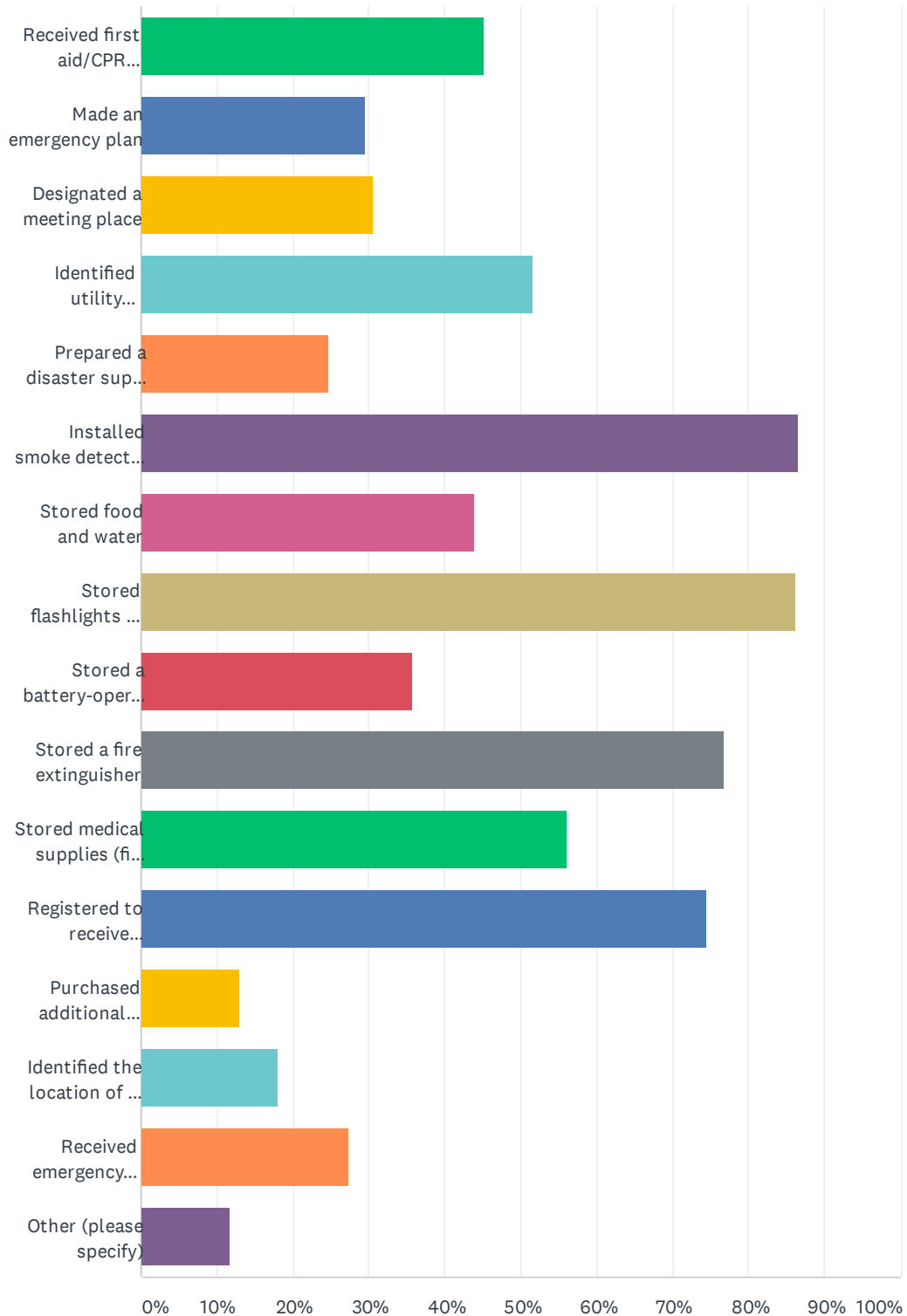
**Q7 Of the answers you provided above, what are the top three methods you use?**

Answered: 211 Skipped: 17

**Q8 Which of the following steps has your household taken to prepare for a local hazard event? Check all that apply.**

# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

Answered: 223 Skipped: 5



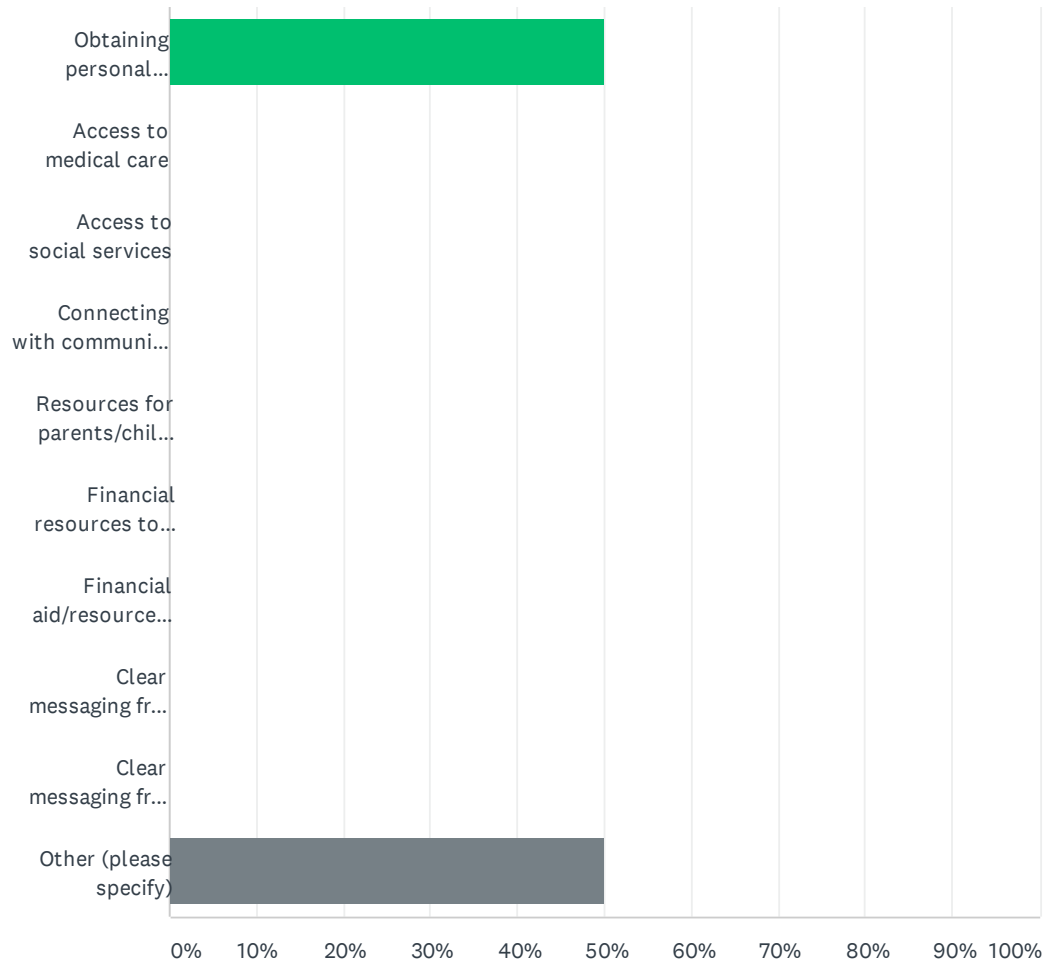
# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

ANSWER CHOICES	RESPONSES	
Received first aid/CPR training	45.29%	101
Made an emergency plan	29.60%	66
Designated a meeting place	30.49%	68
Identified utility shutoffs	51.57%	115
Prepared a disaster supply kit	24.66%	55
Installed smoke detectors on each level of home	86.55%	193
Stored food and water	43.95%	98
Stored flashlights and batteries	86.10%	192
Stored a battery-operated radio	35.87%	80
Stored a fire extinguisher	76.68%	171
Stored medical supplies (first aid kit, medications)	56.05%	125
Registered to receive emergency alerts (i.e. NIXLE)	74.44%	166
Purchased additional insurance to cover losses (i.e. flood insurance)	13.00%	29
Identified the location of the nearest emergency shelter	17.94%	40
Received emergency preparedness information from a government source	27.35%	61
Other (please specify)	11.66%	26
Total Respondents: 223		

**Q9 Given the COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one)**

Answered: 2    Skipped: 226

## Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

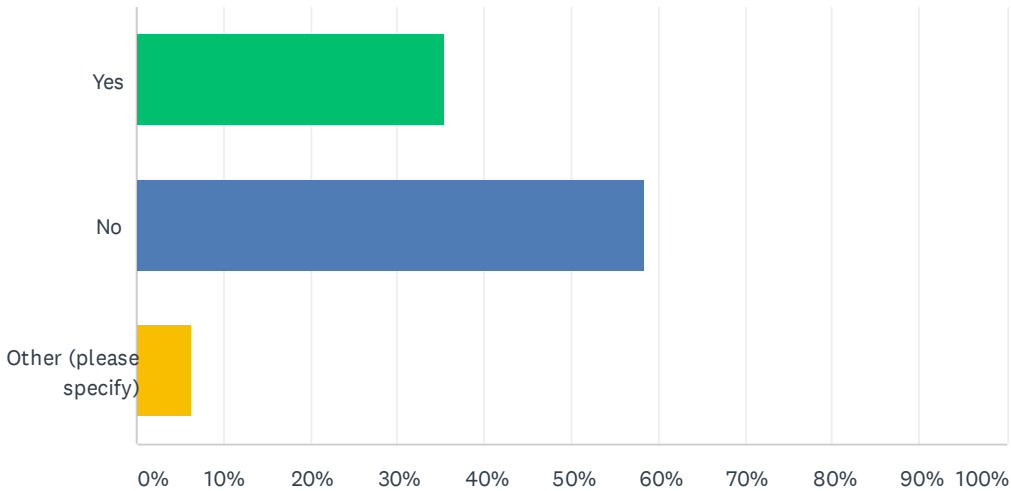


ANSWER CHOICES	RESPONSES	
Obtaining personal protective equipment (gloves, masks)	50.00%	1
Access to medical care	0.00%	0
Access to social services	0.00%	0
Connecting with community officials	0.00%	0
Resources for parents/children	0.00%	0
Financial resources to adapt to new conditions	0.00%	0
Financial aid/resources for small businesses	0.00%	0
Clear messaging from school district	0.00%	0
Clear messaging from State	0.00%	0
Other (please specify)	50.00%	1
Total Respondents: 2		

**Q10 In the past, has your home been damaged by a hazard event? For example, the basement of your home flooded and damaged the hot water heater.**



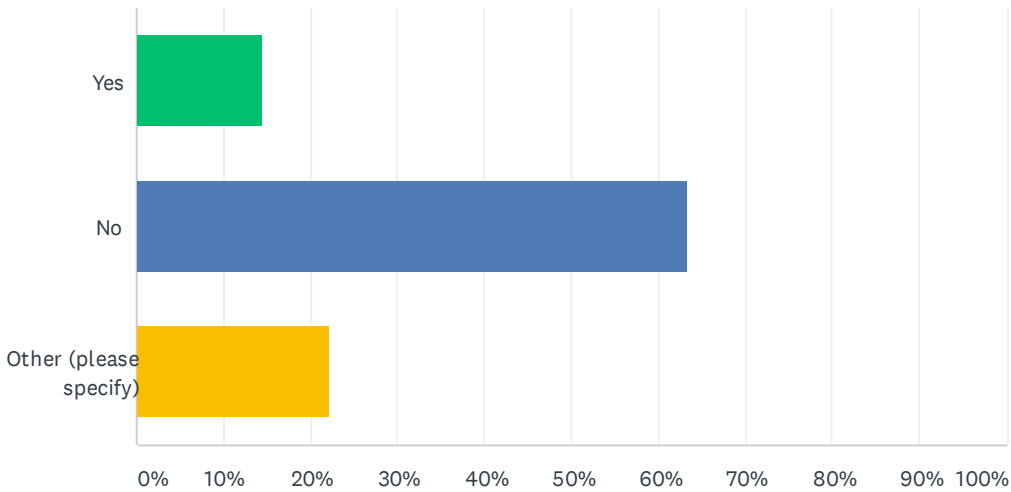
Answered: 226    Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	35.40%	80
No	58.41%	132
Other (please specify)	6.19%	14
TOTAL		226

Q11 If you answered "yes" to question #9, did you report the damages to your local police or fire departments or to an emergency management agency?

Answered: 153    Skipped: 75



ANSWER CHOICES	RESPONSES	
Yes	14.38%	22
No	63.40%	97
Other (please specify)	22.22%	34
TOTAL		153

**Q12 If you answered "no" to question #10, why did you not report the damages?**

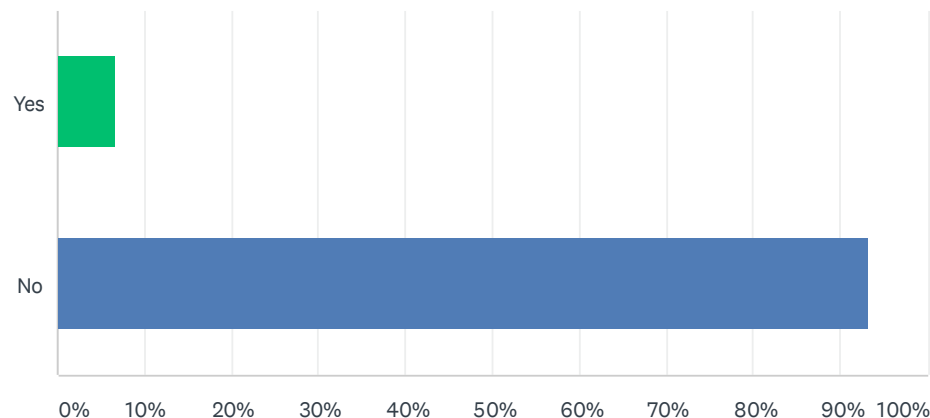
Answered: 130 Skipped: 98

**Q13 Please explain the damage your structure sustained and when it occurred.**

Answered: 140 Skipped: 88

**Q14 To the best of your knowledge, is your property located in a designated floodplain? If you do not know, click here to find out.**

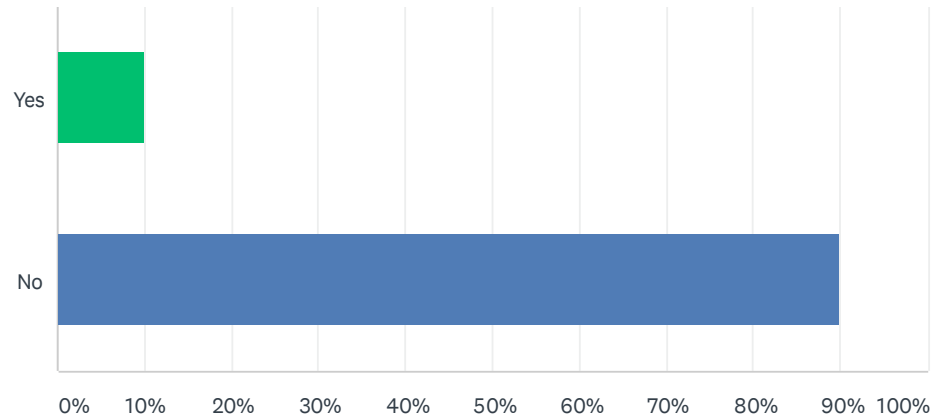
Answered: 221 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes	6.79%	15
No	93.21%	206
TOTAL		221

**Q15 If your property is in the floodplain, do you have flood insurance?**

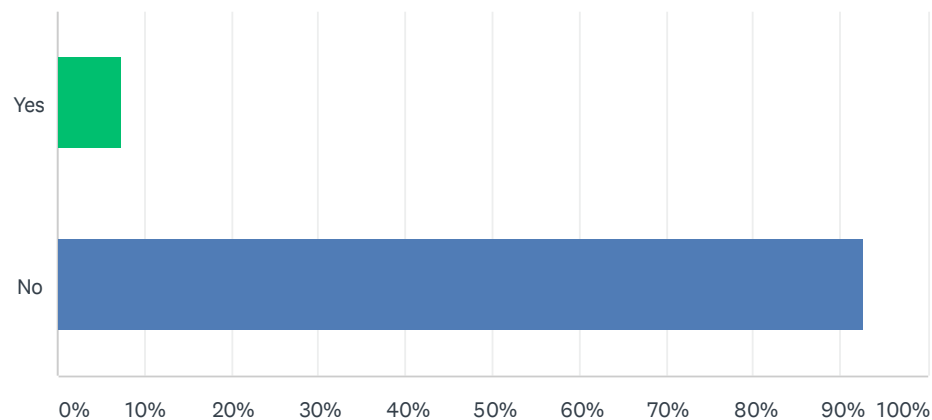
Answered: 110 Skipped: 118



ANSWER CHOICES	RESPONSES	
Yes	10.00%	11
No	90.00%	99
TOTAL		110

## Q16 If your property is located outside of the floodplain, do you have flood insurance?

Answered: 206 Skipped: 22

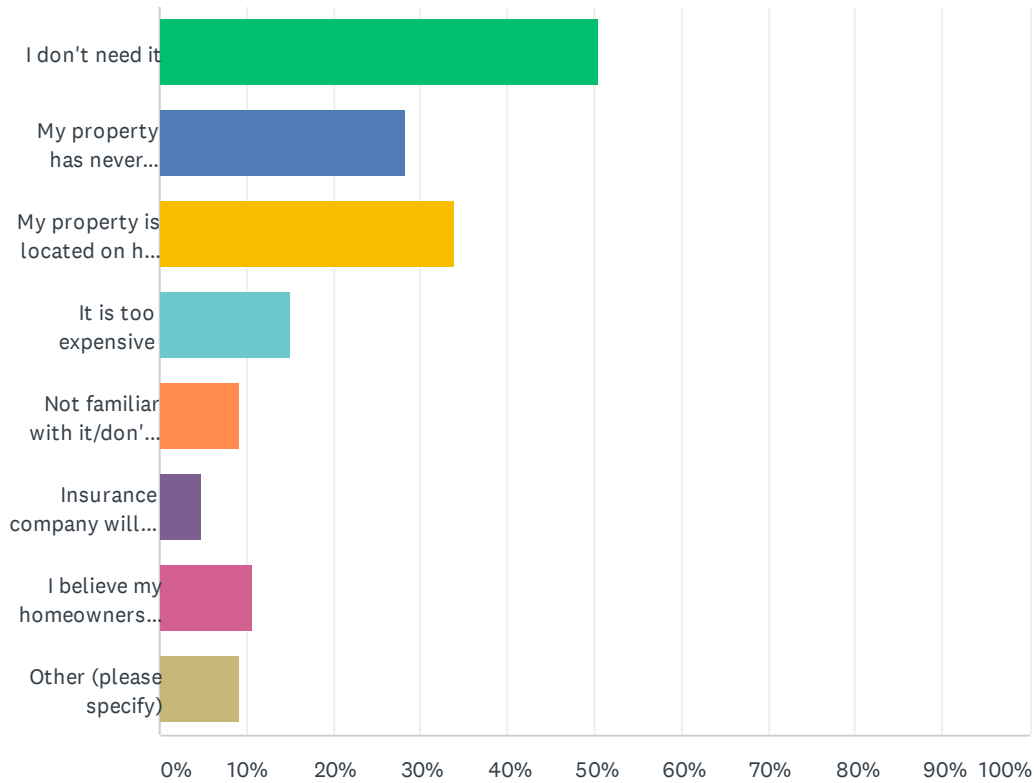


ANSWER CHOICES	RESPONSES	
Yes	7.28%	15
No	92.72%	191
TOTAL		206

## Q17 If you do NOT have flood insurance, what is the primary reason? Check all that apply.

Answered: 206 Skipped: 22

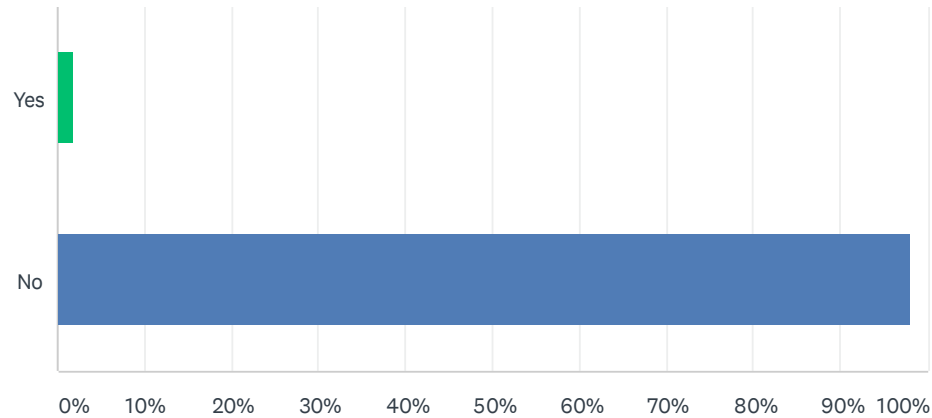
# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
I don't need it	50.49%	104
My property has never flooded	28.16%	58
My property is located on high ground	33.98%	70
It is too expensive	15.05%	31
Not familiar with it/don't know about it	9.22%	19
Insurance company will not provide	4.85%	10
I believe my homeowners insurance will cover me	10.68%	22
Other (please specify)	9.22%	19
Total Respondents: 206		

**Q18 Do you or did you have problems getting homeowners/renters insurance due to risks from natural hazards?**

Answered: 219 Skipped: 9



ANSWER CHOICES	RESPONSES	
Yes	1.83%	4
No	98.17%	215
TOTAL		219

**Q19** If you answered "yes" to the previous question, please identify the natural hazard risk that caused you to have problems obtaining homeowners/renters insurance.

Answered: 27 Skipped: 201

**Q20** Please identify any specific vulnerabilities that you are aware of in Morris County (e.g. floodprone areas or specific properties, critical facilities that lack backup power, etc.). Please list street names and other specific identifiers if possible.

Answered: 108 Skipped: 120

**Q21** Please identify any specific vulnerabilities that you are aware of in Morris County (e.g. floodprone areas or specific properties, critical facilities that lack backup power, etc.). Please list street names and other specific identifiers if possible.

Answered: 2 Skipped: 226

**Q22** Please identify any specific vulnerabilities that you are aware of in the municipality you live in (e.g. floodprone areas or specific properties,

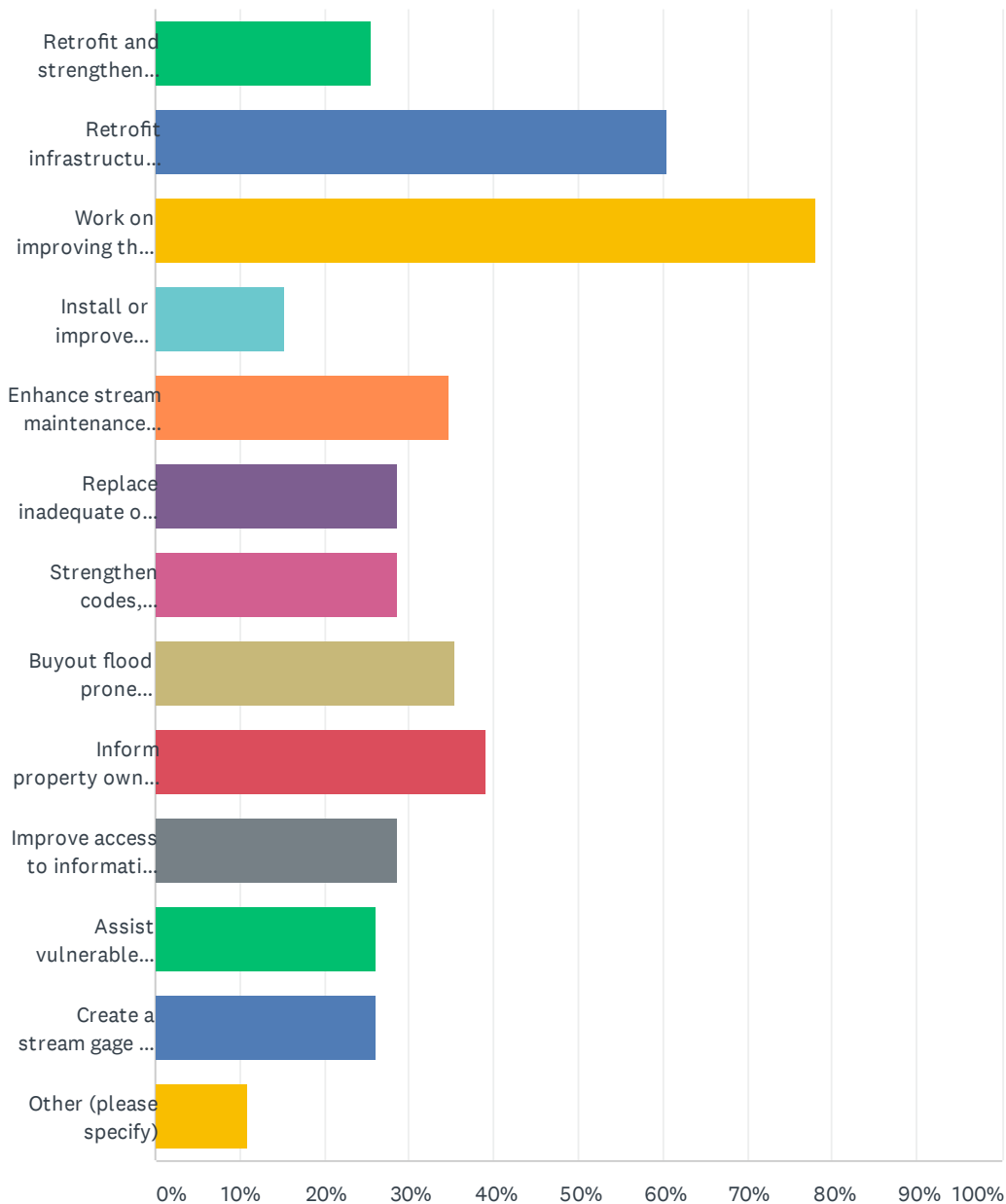


critical facilities that lack backup power, etc.). Please list street names and other specific identifiers if possible.

Answered: 87 Skipped: 141

**Q23 What types of projects do you believe local, county, state, or federal government agencies could be doing to reduce the damage and disruption of disasters in Morris County? Select your top three choices.**

Answered: 164 Skipped: 64

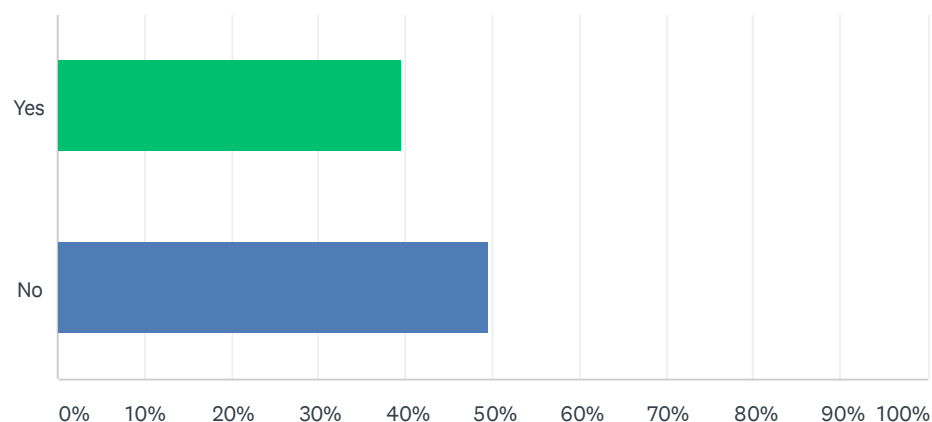


# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

ANSWER CHOICES	RESPONSES	
Retrofit and strengthen essential facilities such as police, schools, and hospitals	25.61%	42
Retrofit infrastructure, such as elevating roadways and improving drainage systems	60.37%	99
Work on improving the damage resistance of utilities (electricity, communications, water/wastewater facilities etc.)	78.05%	128
Install or improve protective structures, such as floodwalls, levees, bulkheads, and firebreaks	15.24%	25
Enhance stream maintenance programs/projects	34.76%	57
Replace inadequate or vulnerable bridges and causeways	28.66%	47
Strengthen codes, ordinances and plans to require higher hazard risk management standards and/or provide greater control over development in high hazard areas	28.66%	47
Buyout flood prone properties and maintain as open space	35.37%	58
Inform property owners of ways they can mitigate damage to their properties	39.02%	64
Improve access to information about hazard risks and high-hazard areas	28.66%	47
Assist vulnerable property owners with securing funding to mitigate their properties	26.22%	43
Create a stream gage and weather monitoring program to provide more accurate data and warnings	26.22%	43
Other (please specify)	10.98%	18
Total Respondents: 164		

## Q24 Do you feel that your municipality is doing enough towards flood prevention and mitigation or prevention/mitigation from other hazards?

Answered: 157 Skipped: 71

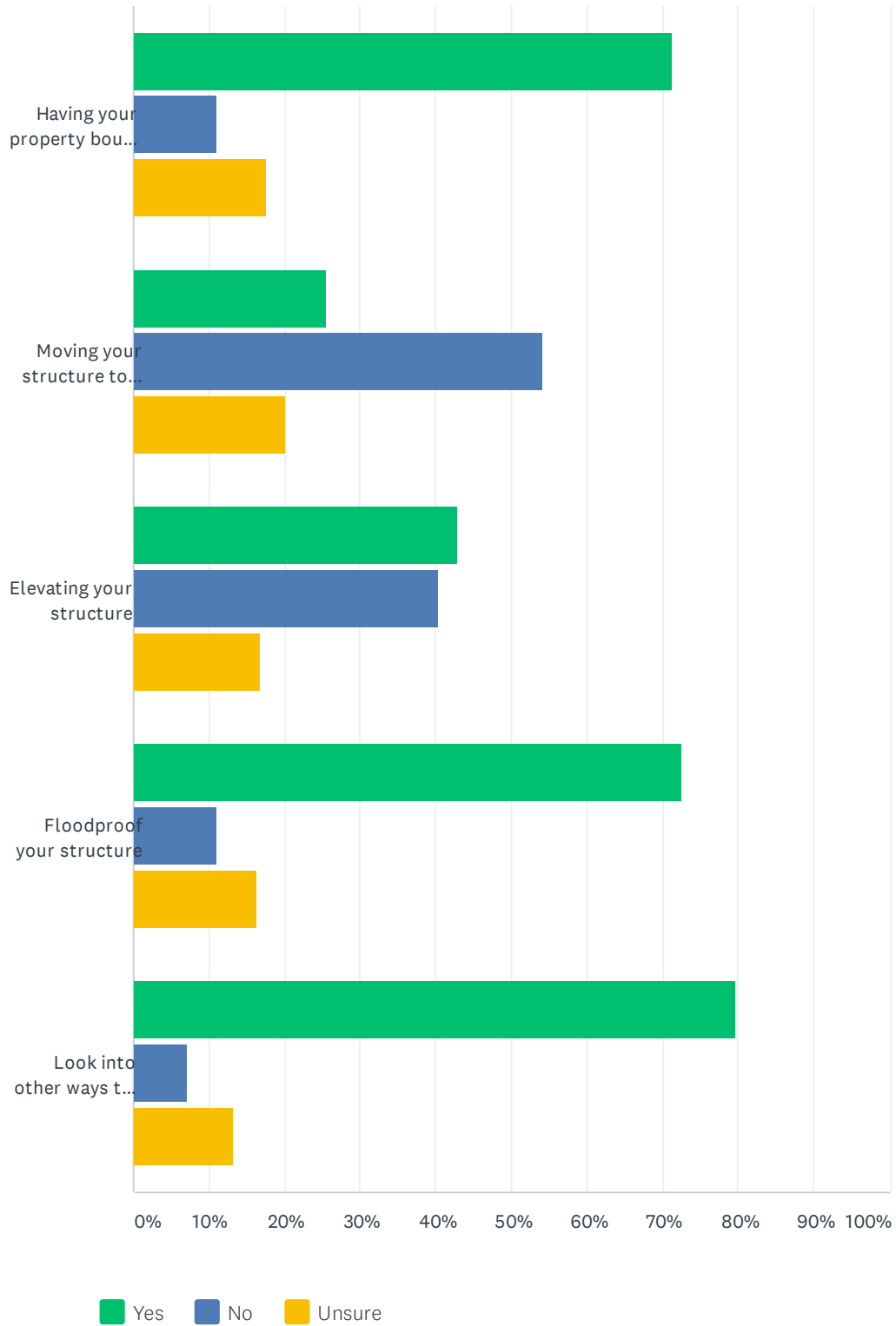


ANSWER CHOICES	RESPONSES	
Yes	39.49%	62
No	49.68%	78
TOTAL		157

Q25 If your property were located in a designated high-hazard area (for example, NFIP flood zone) or had received repeated damages from a natural disaster event, would you consider any of the following options? If your response is dependent on certain factors, such as the funding source, please indicate those factors in the following question.

Answered: 141   Skipped: 87

# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

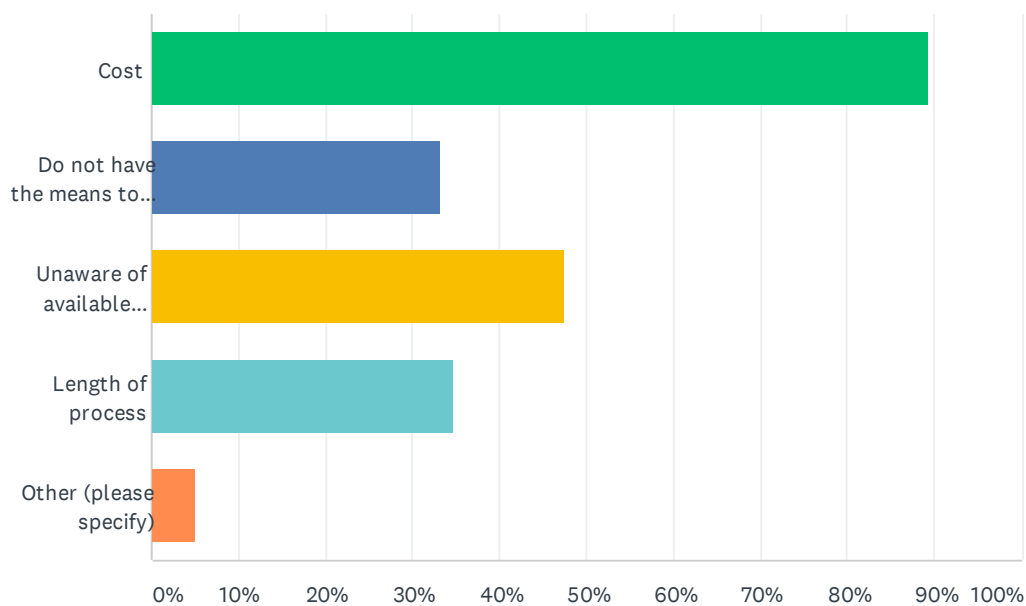


# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

	YES	NO	UNSURE	TOTAL
Having your property bought out	71.32% 97	11.03% 15	17.65% 24	136
Moving your structure to another property or a less risky part of your property	25.58% 33	54.26% 70	20.16% 26	129
Elevating your structure	42.86% 54	40.48% 51	16.67% 21	126
Floodproof your structure	72.59% 98	11.11% 15	16.30% 22	135
Look into other ways to mitigate	79.69% 102	7.03% 9	13.28% 17	128

**Q26 Please select the factor(s) that would influence your decision on the mitigation options listed above (buyout/acquisition, relocation, or elevation).**

Answered: 141 Skipped: 87



ANSWER CHOICES	RESPONSES	
Cost	89.36%	126
Do not have the means to move/relocate	33.33%	47
Unaware of available programs	47.52%	67
Length of process	34.75%	49
Other (please specify)	4.96%	7
Total Respondents: 141		



Q27 If you have already had to spend money to mitigate your property, how much have you spent and on what measures?

Answered: 64 Skipped: 164

Q28 Which (if any) incentives would motivate you to spend money on protecting your home from the possible impacts of a disaster? Such as lower interest rates, grant funding, waivers, etc.

Answered: 102 Skipped: 126

Q29 Please list any additional types of projects you believe local, county, state or federal government agencies could be doing to reduce the damage and disruption in Morris County.

Answered: 83 Skipped: 145

Q30 Do you have any other comments, questions, or concerns regarding hazard mitigation in Morris County?

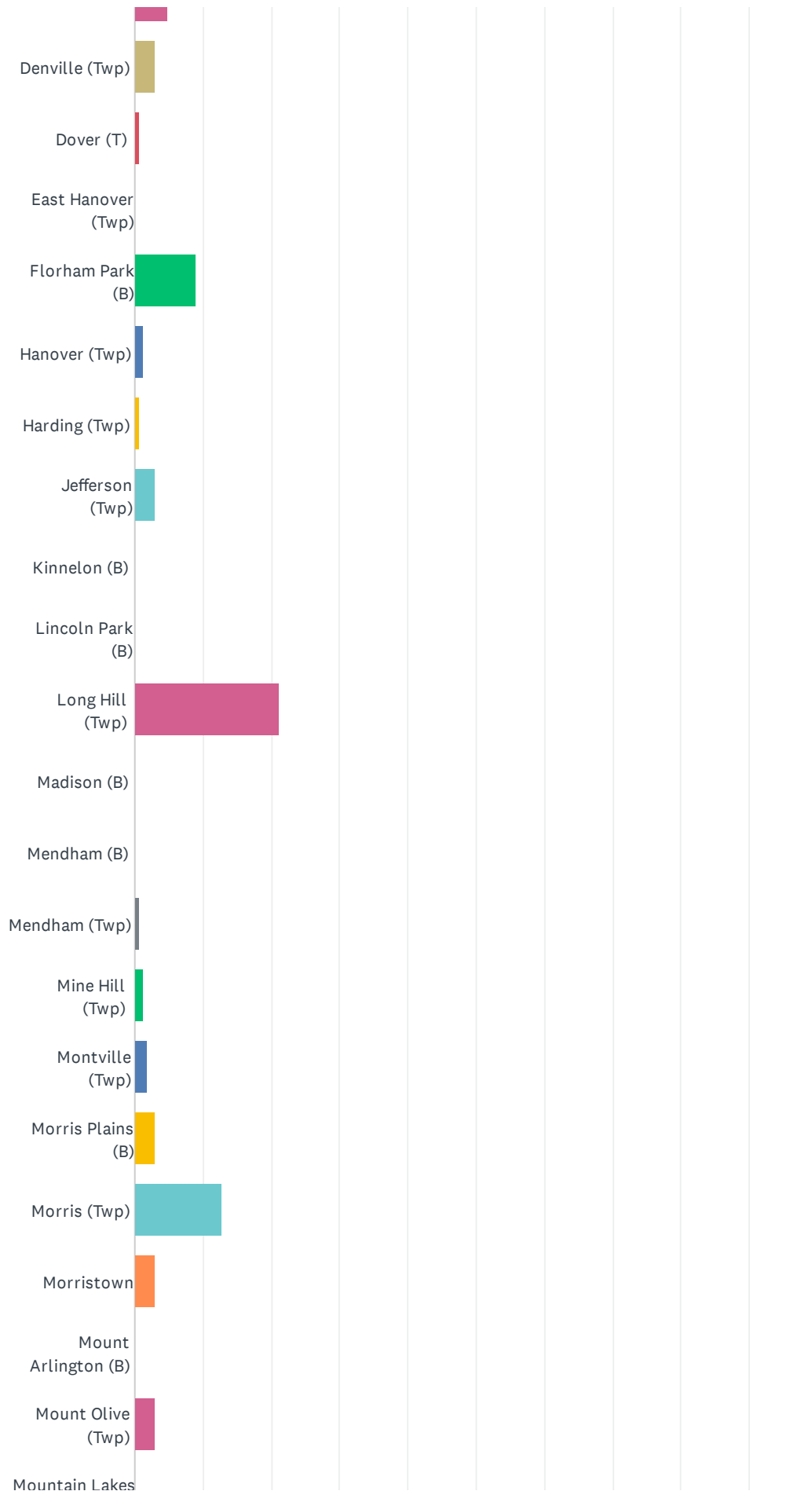
Answered: 55 Skipped: 173

Q31 Please indicate the municipality in which you live:

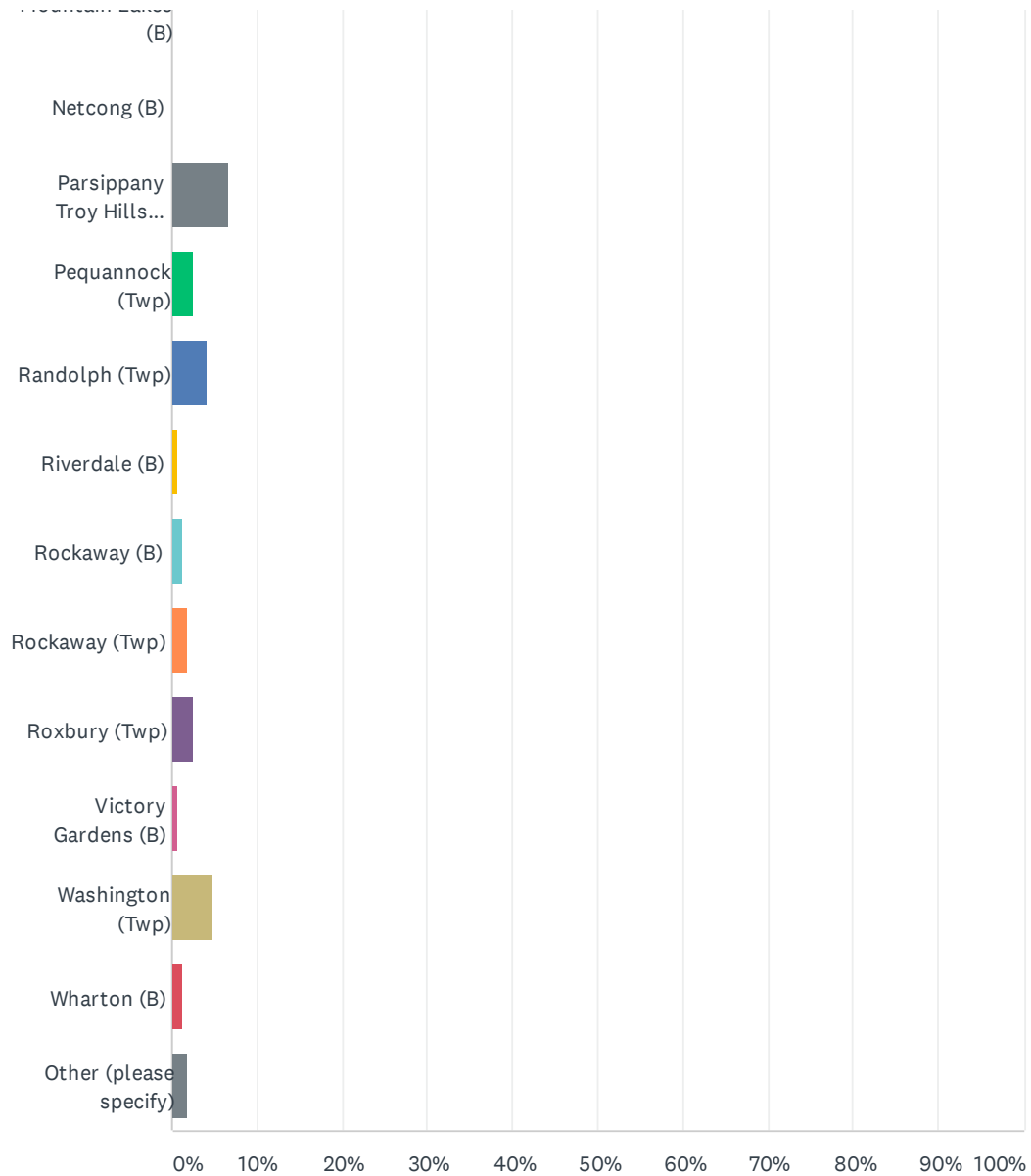
Answered: 165 Skipped: 63



# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

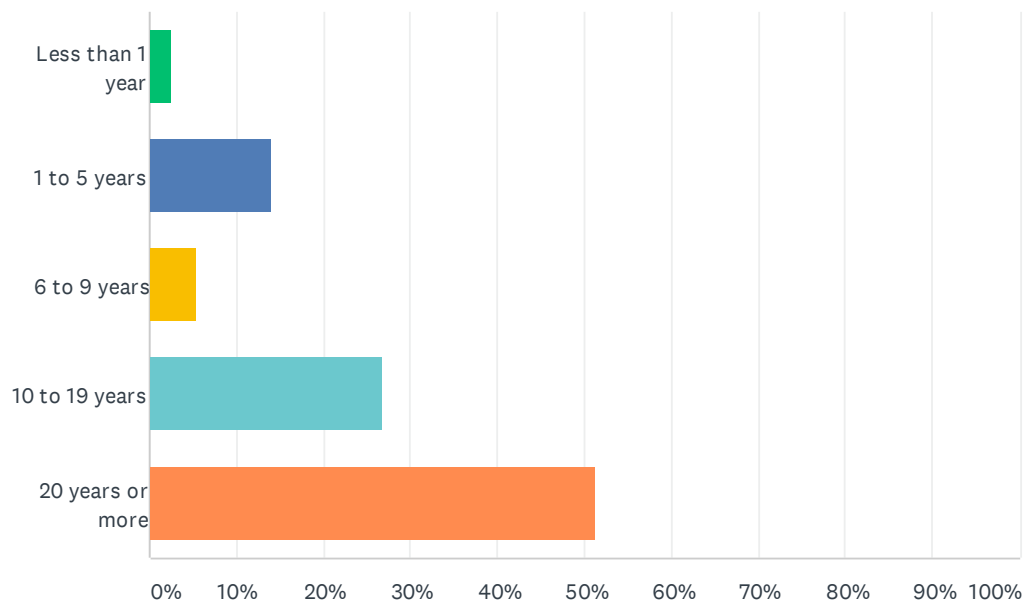
ANSWER CHOICES	RESPONSES	
Boonton (T)	0.61%	1
Boonton (Twp)	0.00%	0
Butler (B)	0.00%	0
Chatham (B)	0.00%	0
Chatham (Twp)	1.82%	3
Chester (B)	0.61%	1
Chester (Twp)	4.85%	8
Denville (Twp)	3.03%	5
Dover (T)	0.61%	1
East Hanover (Twp)	0.00%	0
Florham Park (B)	9.09%	15
Hanover (Twp)	1.21%	2
Harding (Twp)	0.61%	1
Jefferson (Twp)	3.03%	5
Kinnelon (B)	0.00%	0
Lincoln Park (B)	0.00%	0
Long Hill (Twp)	21.21%	35
Madison (B)	0.00%	0
Mendham (B)	0.00%	0
Mendham (Twp)	0.61%	1
Mine Hill (Twp)	1.21%	2
Montville (Twp)	1.82%	3
Morris Plains (B)	3.03%	5
Morris (Twp)	12.73%	21
Morristown	3.03%	5
Mount Arlington (B)	0.00%	0
Mount Olive (Twp)	3.03%	5
Mountain Lakes (B)	0.00%	0
Netcong (B)	0.00%	0
Parsippany Troy Hills (Twp)	6.67%	11
Pequannock (Twp)	2.42%	4
Randolph (Twp)	4.24%	7

# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey

Riverdale (B)	0.61%	1
Rockaway (B)	1.21%	2
Rockaway (Twp)	1.82%	3
Roxbury (Twp)	2.42%	4
Victory Gardens (B)	0.61%	1
Washington (Twp)	4.85%	8
Wharton (B)	1.21%	2
Other (please specify)	1.82%	3
<b>TOTAL</b>		<b>165</b>

## Q32 How long have you lived here?

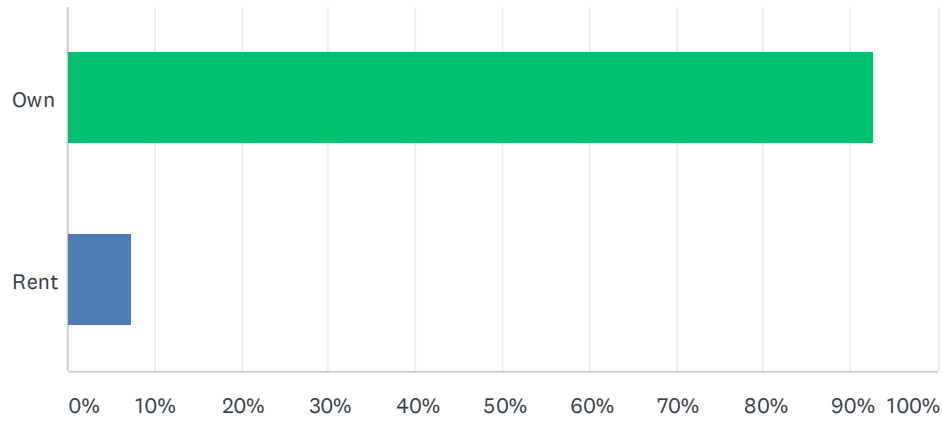
Answered: 164 Skipped: 64



ANSWER CHOICES	RESPONSES	
Less than 1 year	2.44%	4
1 to 5 years	14.02%	23
6 to 9 years	5.49%	9
10 to 19 years	26.83%	44
20 years or more	51.22%	84
<b>TOTAL</b>		<b>164</b>

## Q33 Do you own or rent your place of residence?

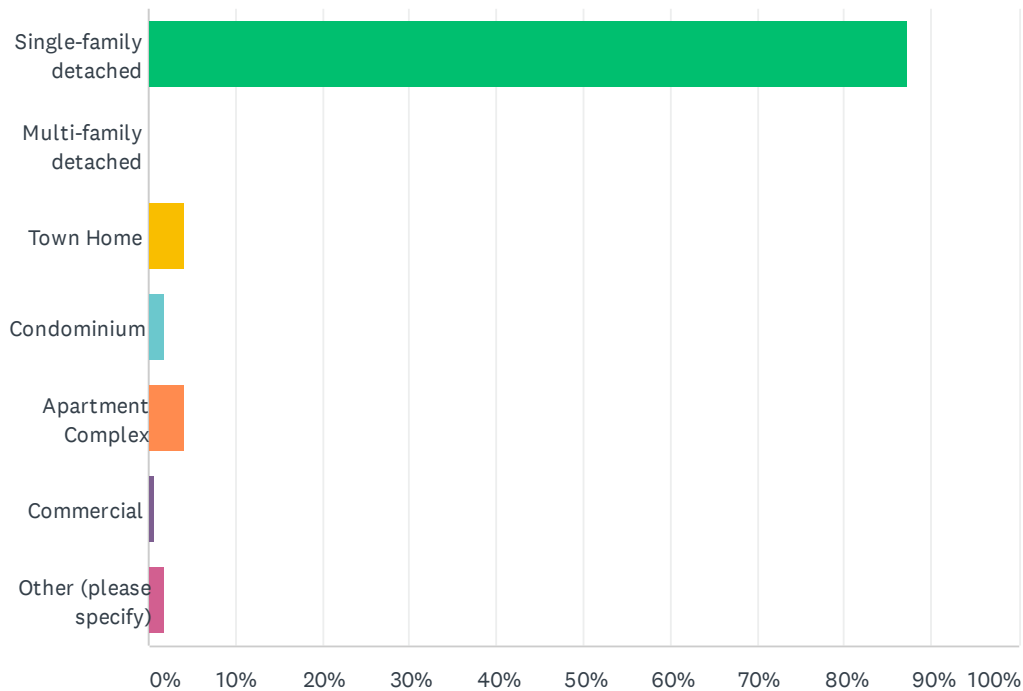
Answered: 163 Skipped: 65



ANSWER CHOICES	RESPONSES	
Own	92.64%	151
Rent	7.36%	12
TOTAL		163

## Q34 What type of residence do you live in?

Answered: 165 Skipped: 63





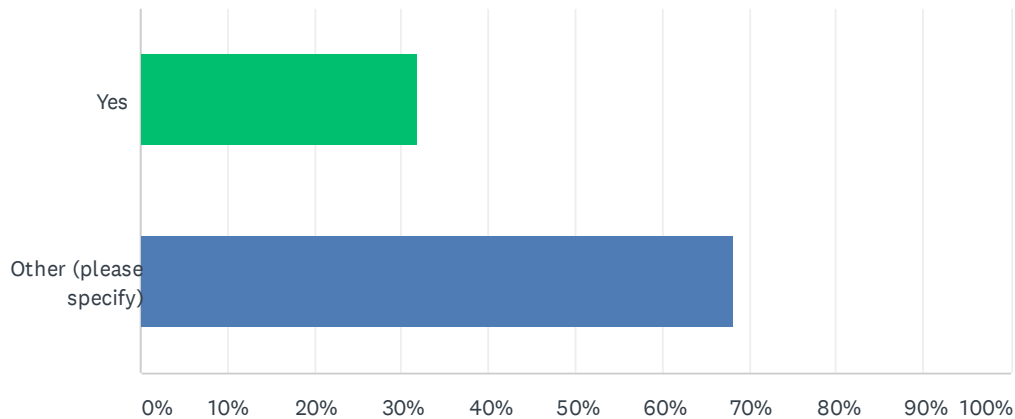
ANSWER CHOICES	RESPONSES	
Single-family detached	87.27%	144
Multi-family detached	0.00%	0
Town Home	4.24%	7
Condominium	1.82%	3
Apartment Complex	4.24%	7
Commercial	0.61%	1
Other (please specify)	1.82%	3
<b>TOTAL</b>		<b>165</b>

**Q35 What street is your property on? (optional, will be kept confidential - only used to identify hazard areas such as flooding)**

Answered: 126 Skipped: 102

**Q36 If you received real estate disclosure information when you moved into your current residence, did your real estate agent or landlord explain the implications of living in a hazard risk zone and did you understand the information they presented?**

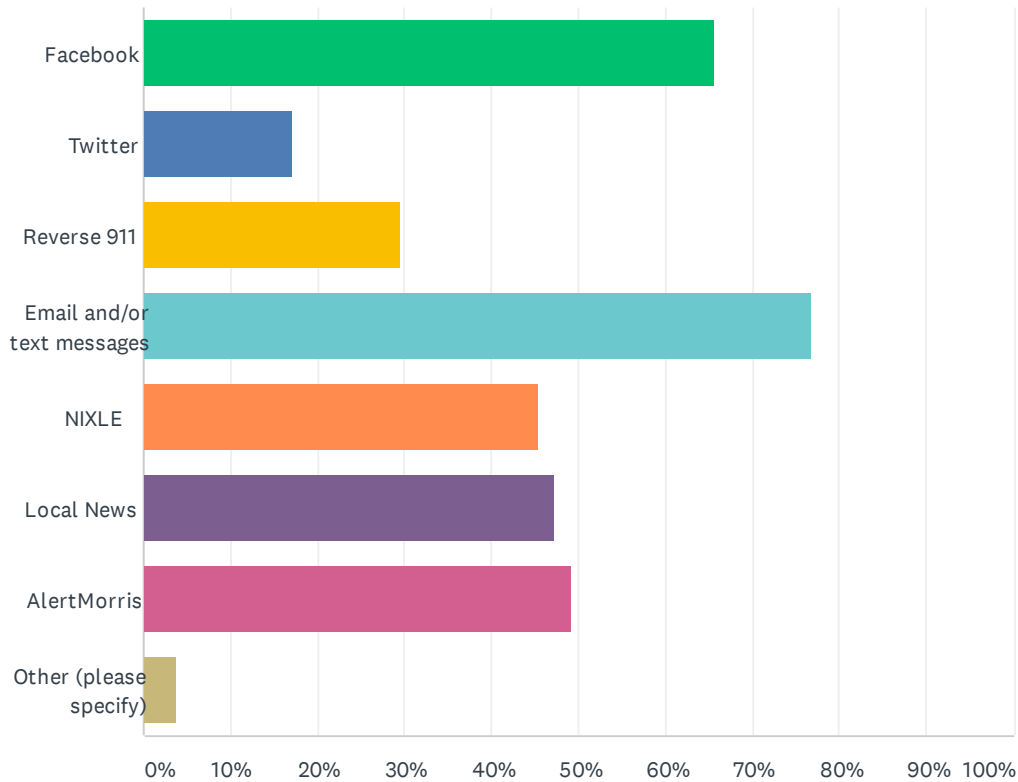
Answered: 91 Skipped: 137



ANSWER CHOICES	RESPONSES	
Yes	31.87%	29
Other (please specify)	68.13%	62
<b>TOTAL</b>		<b>91</b>

### Q37 Which of the following digital media outlets do you use and/or subscribe to receive general news and information about Morris County? Check all that apply.

Answered: 163 Skipped: 65

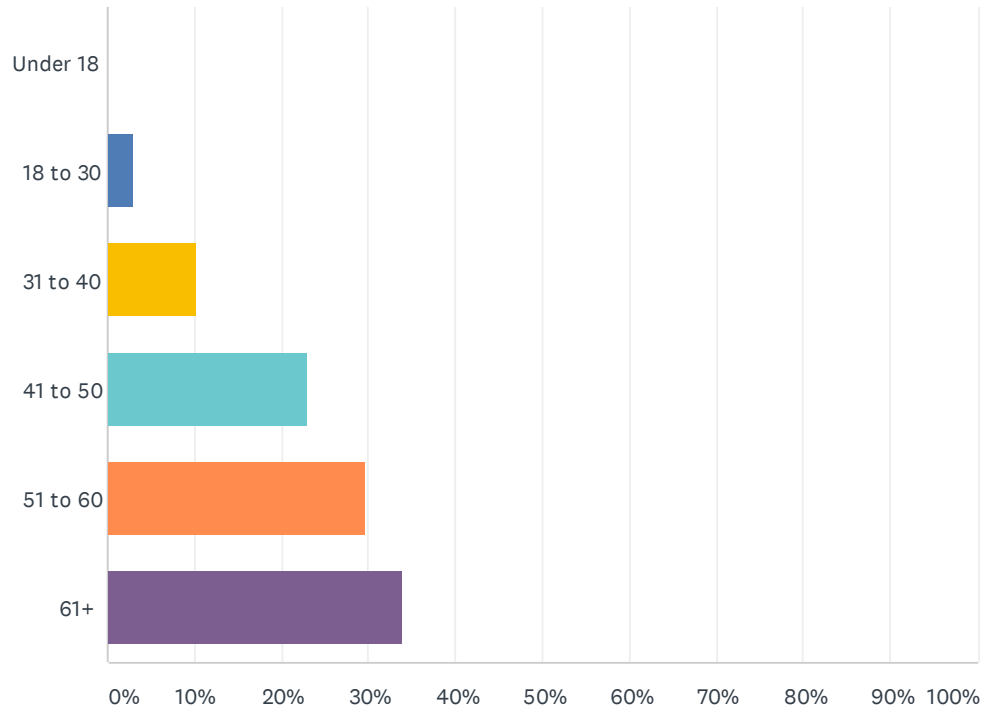


ANSWER CHOICES	RESPONSES	
Facebook	65.64%	107
Twitter	17.18%	28
Reverse 911	29.45%	48
Email and/or text messages	76.69%	125
NIXLE	45.40%	74
Local News	47.24%	77
AlertMorris	49.08%	80
Other (please specify)	3.68%	6
Total Respondents: 163		

### Q38 Please indicate your age range:

Answered: 165 Skipped: 63

# Morris County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update - Citizen Survey



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18 to 30	3.03%	5
31 to 40	10.30%	17
41 to 50	23.03%	38
51 to 60	29.70%	49
61+	33.94%	56
TOTAL		165

## Q1 Name of your Police Department, Fire Department or EMS Agency / Facility:

Answered: 31 Skipped: 0

## Q2 Name of Respondent:

Answered: 31 Skipped: 0

## Q3 Contact information (email address or phone number) - optional:

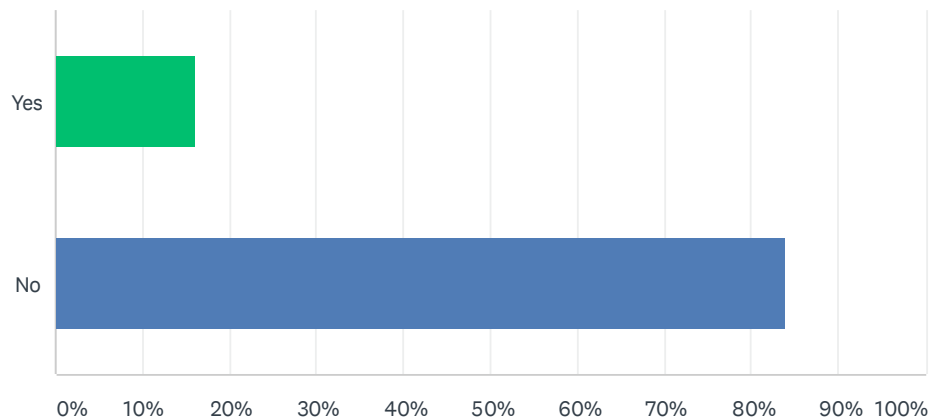
Answered: 30 Skipped: 1

## Q4 Please identify the location of your facility(ies) and or primary service area:

Answered: 31 Skipped: 0

## Q5 Has your EMS facility been impacted by hazard events (damaged, closed for extended periods, etc.)?

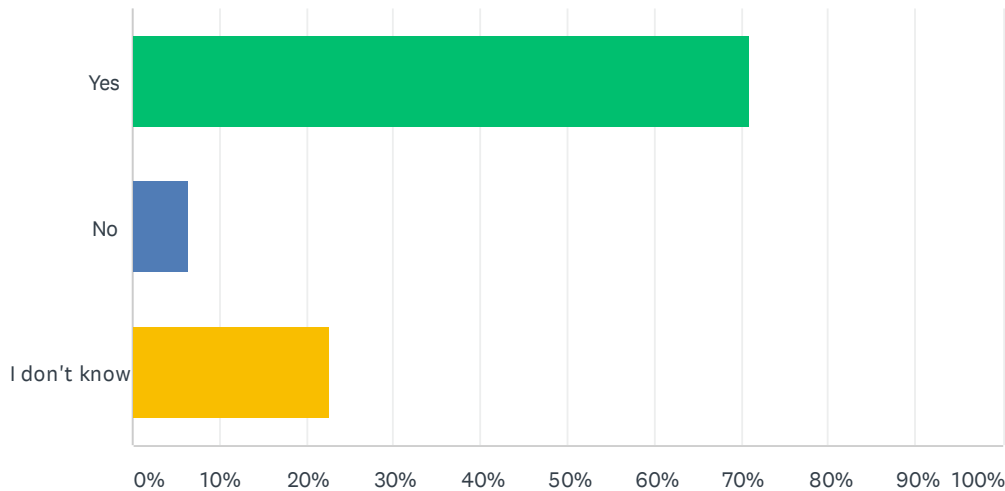
Answered: 31 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	16.13%	5
No	83.87%	26
TOTAL		31

**Q6 Do you think that critical and essential facilities (including EMS facilities, hospitals and medical centers) are disaster-resistant (e.g. are properly located and constructed, and have back-up power as appropriate)?**

Answered: 31 Skipped: 0

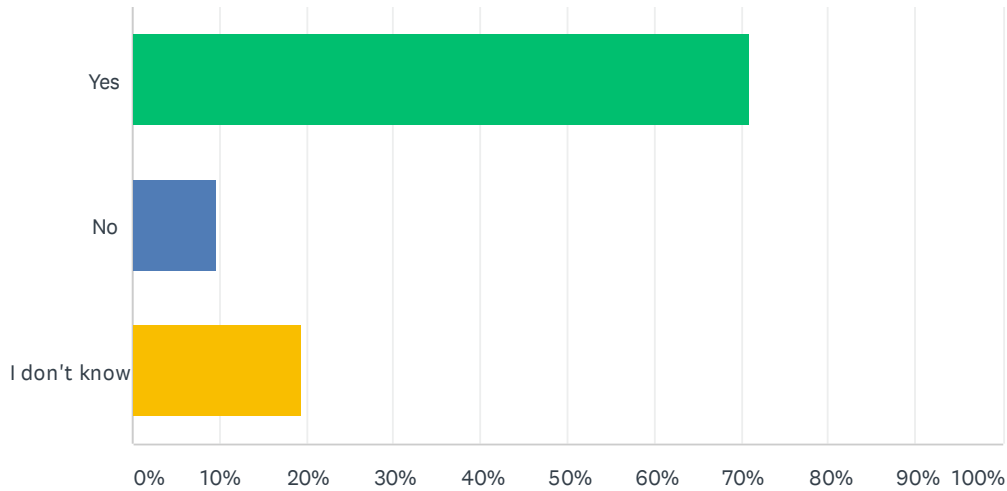


ANSWER CHOICES	RESPONSES	
Yes	70.97%	22
No	6.45%	2
I don't know	22.58%	7
TOTAL		31

**Q7 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to hazards?**

Answered: 31 Skipped: 0

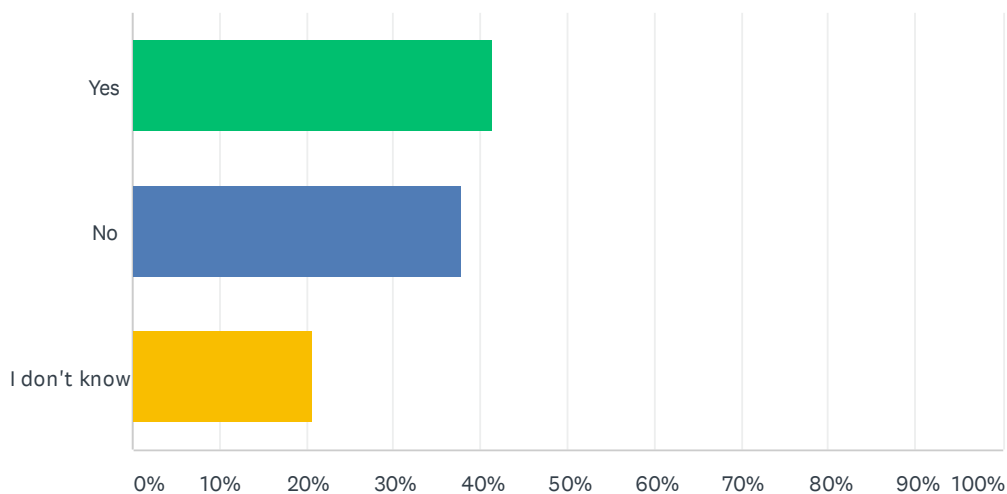
## Morris County Hazard Mitigation Plan - Emergency Services Survey



ANSWER CHOICES	RESPONSES	
Yes	70.97%	22
No	9.68%	3
I don't know	19.35%	6
TOTAL		31

**Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support EMS functions during and after hazard events?**

Answered: 29 Skipped: 2

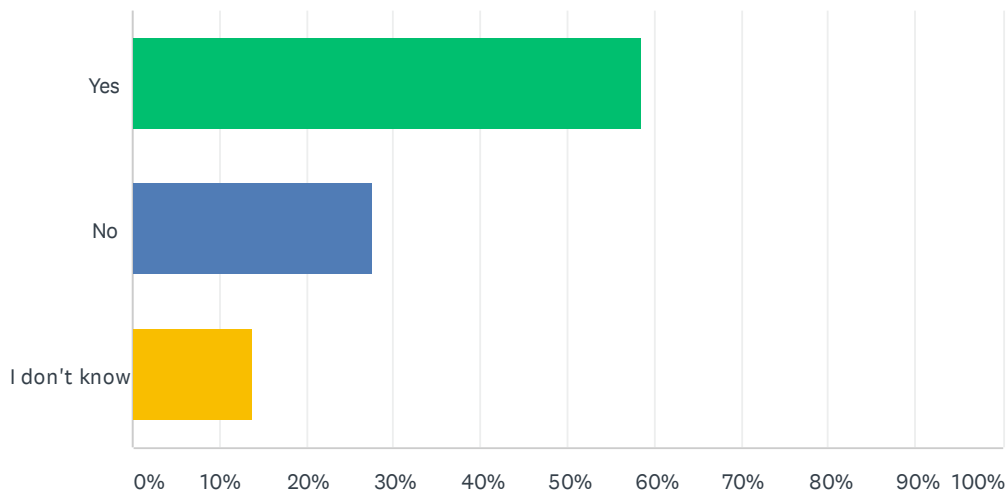




ANSWER CHOICES	RESPONSES	
Yes	41.38%	12
No	37.93%	11
I don't know	20.69%	6
TOTAL		29

**Q9 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and reduce their personal risk to disasters, so as not to increase the need for EMS during hazard events?**

Answered: 29 Skipped: 2

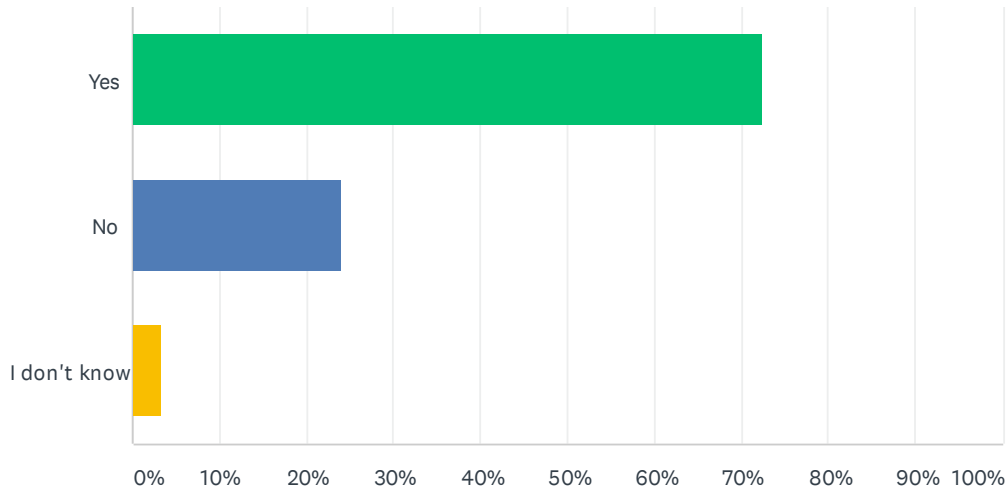


ANSWER CHOICES	RESPONSES	
Yes	58.62%	17
No	27.59%	8
I don't know	13.79%	4
TOTAL		29

**Q10 Do you think that announcements of road closures and pending road closures are sufficiently accurate and available to support EMS functions during hazard events?**

Answered: 29 Skipped: 2

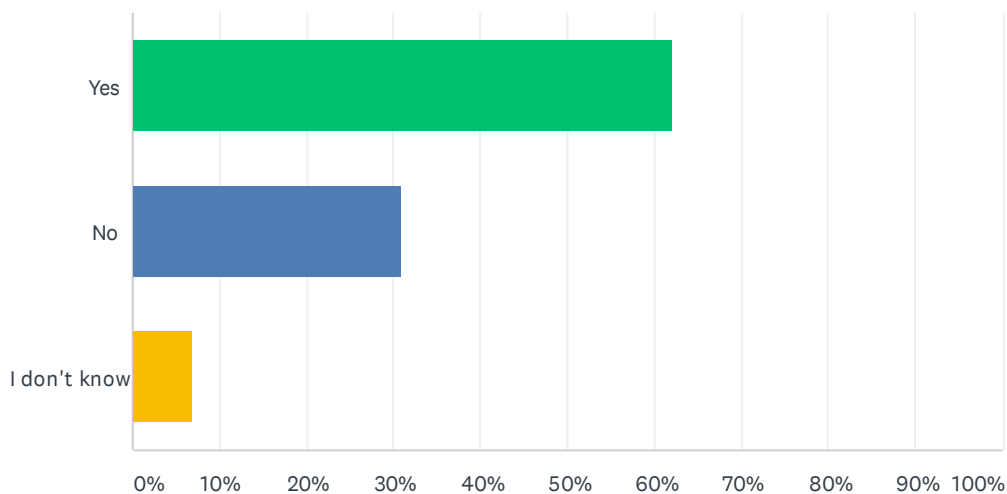
# Morris County Hazard Mitigation Plan - Emergency Services Survey



ANSWER CHOICES	RESPONSES	
Yes	72.41%	21
No	24.14%	7
I don't know	3.45%	1
TOTAL		29

Q11 Do you think that the public is aware of, understands, and takes advantage of emergency warning and notification systems and services (reverse 911, audible alerts, cell and text services)?

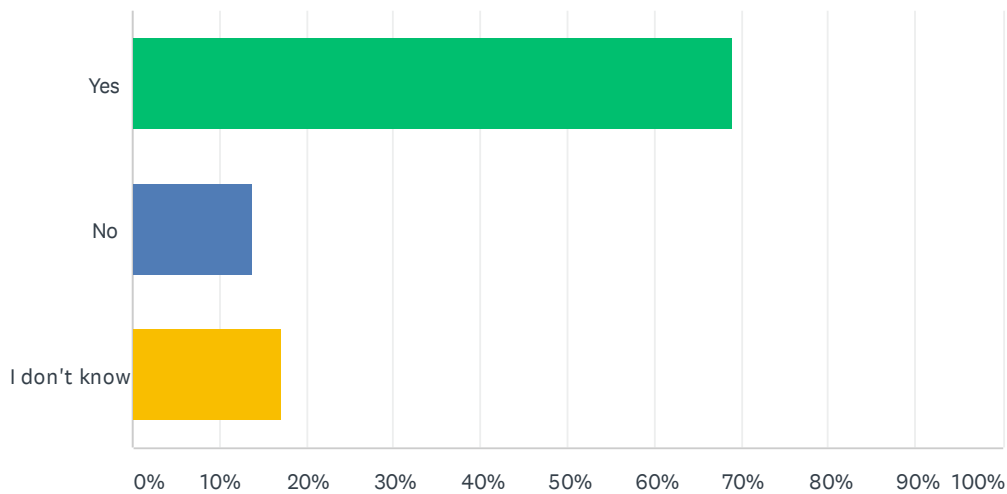
Answered: 29 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	62.07%	18
No	31.03%	9
I don't know	6.90%	2
TOTAL		29

**Q12 Do you think that your EMS company works to inform your constituents of how they can better manage their risk to hazards?**

Answered: 29 Skipped: 2

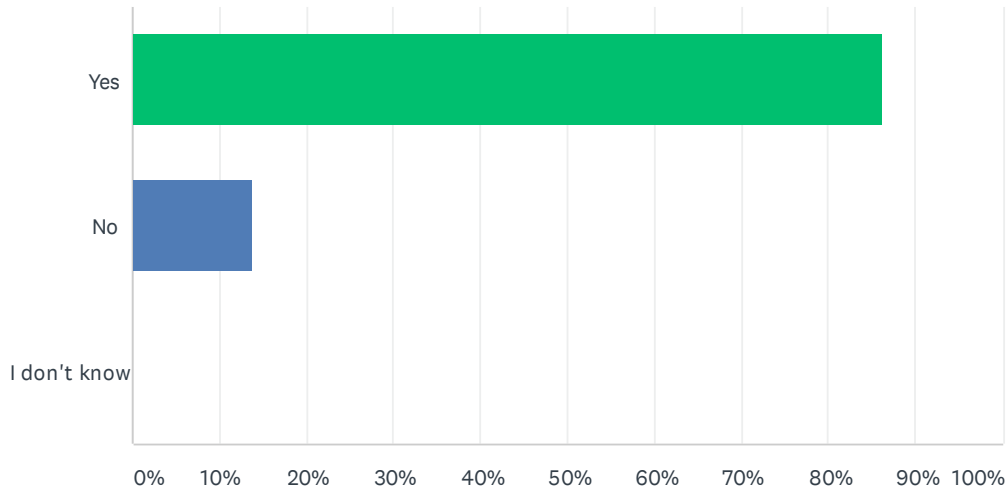


ANSWER CHOICES	RESPONSES	
Yes	68.97%	20
No	13.79%	4
I don't know	17.24%	5
TOTAL		29

**Q13 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to disasters in your community?**

Answered: 29 Skipped: 2

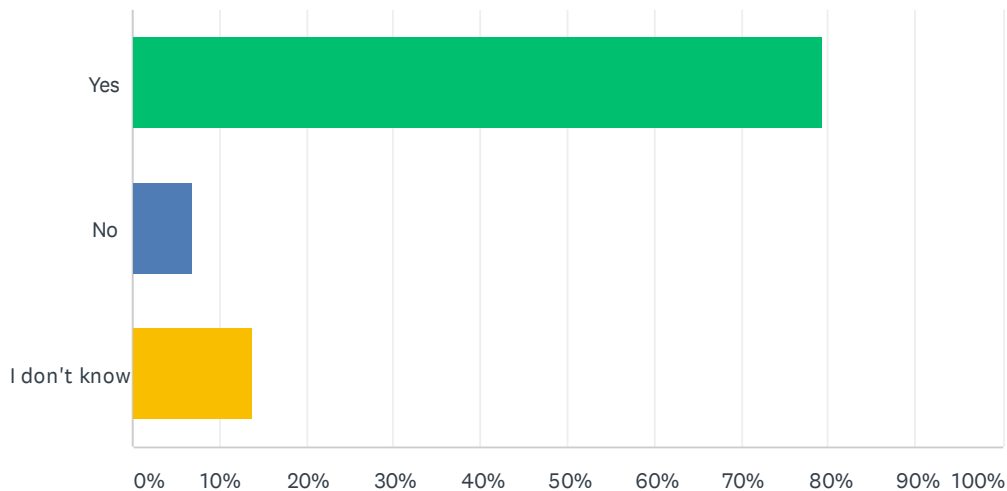
## Morris County Hazard Mitigation Plan - Emergency Services Survey



ANSWER CHOICES	RESPONSES	
Yes	86.21%	25
No	13.79%	4
I don't know	0.00%	0
TOTAL		29

**Q14 Do you think that local government understands, supports, and possess the resources for hazard risk reduction efforts in the community?**

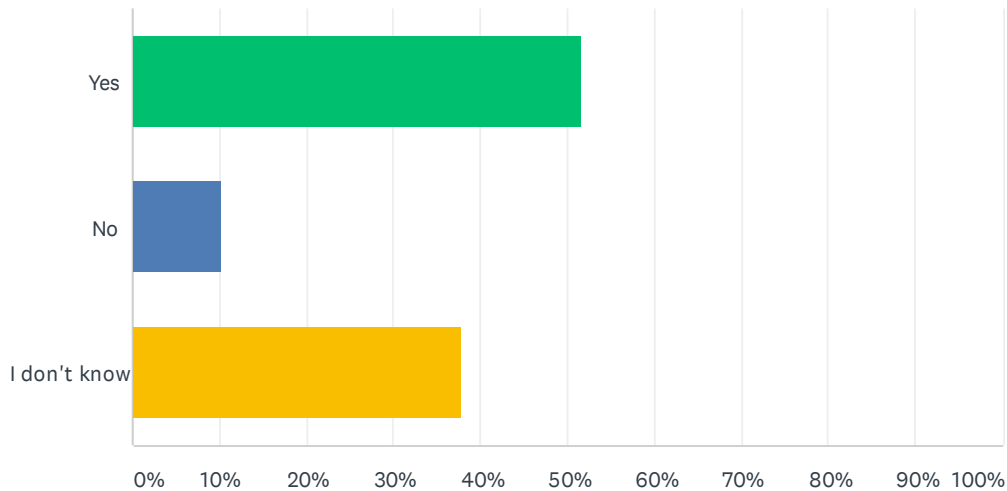
Answered: 29 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	79.31%	23
No	6.90%	2
I don't know	13.79%	4
TOTAL		29

**Q15 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of organization functions.**

Answered: 29 Skipped: 2



ANSWER CHOICES	RESPONSES	
Yes	51.72%	15
No	10.34%	3
I don't know	37.93%	11
TOTAL		29

**Q16 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?**

Answered: 18 Skipped: 13

**Q17 Do you have any other comments, questions, or concerns?**

Answered: 14 Skipped: 17

## Q1 Name of your utility:

Answered: 7 Skipped: 0

## Q2 Name of respondent:

Answered: 7 Skipped: 0

## Q3 Contact information (email address or phone number) - optional:

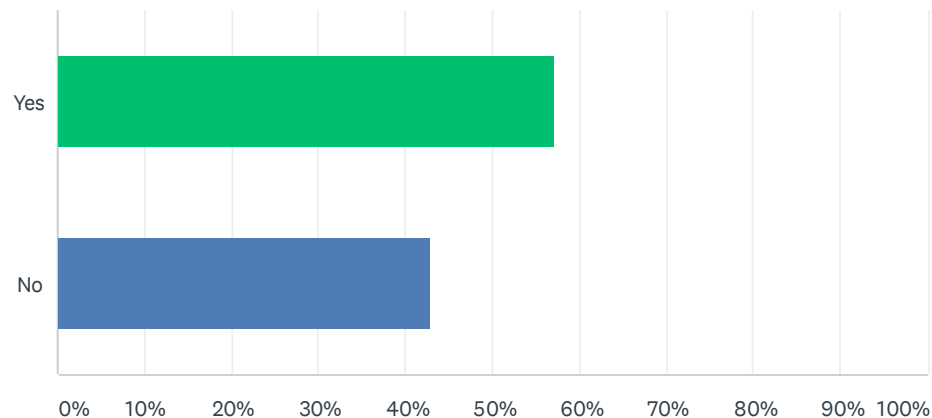
Answered: 7 Skipped: 0

## Q4 Please identify the location of your facility(ies) and or primary service area.

Answered: 7 Skipped: 0

## Q5 Has your utility been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 7 Skipped: 0

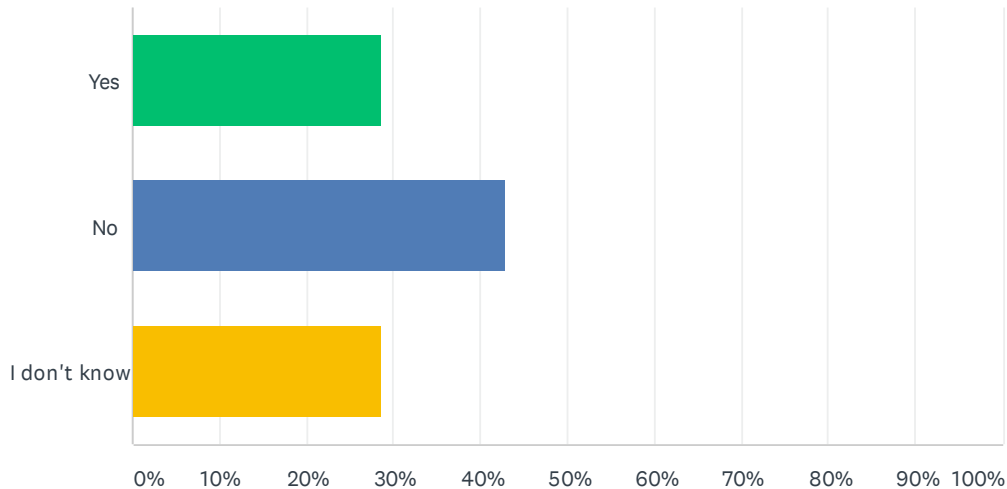


ANSWER CHOICES	RESPONSES	
Yes	57.14%	4
No	42.86%	3
TOTAL		7



### Q6 Do you believe that your facilities and infrastructure are disaster-resistant (e.g. are properly located, constructed, and protected from damage from natural hazards)?

Answered: 7 Skipped: 0

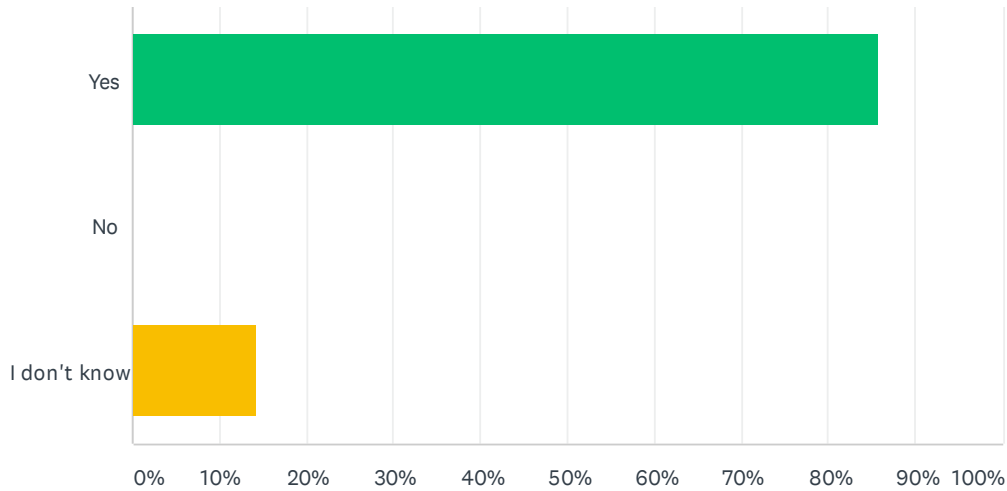


ANSWER CHOICES	RESPONSES	
Yes	28.57%	2
No	42.86%	3
I don't know	28.57%	2
TOTAL		7

### Q7 Do you believe that your facilities and infrastructure have sufficient redundancy and/or are sufficiently networked to provide a minimal level of service to your customers (especially critical and essential services such as police, fire, hospitals) in the event that you suffer damage/loss to your equipment?

Answered: 7 Skipped: 0

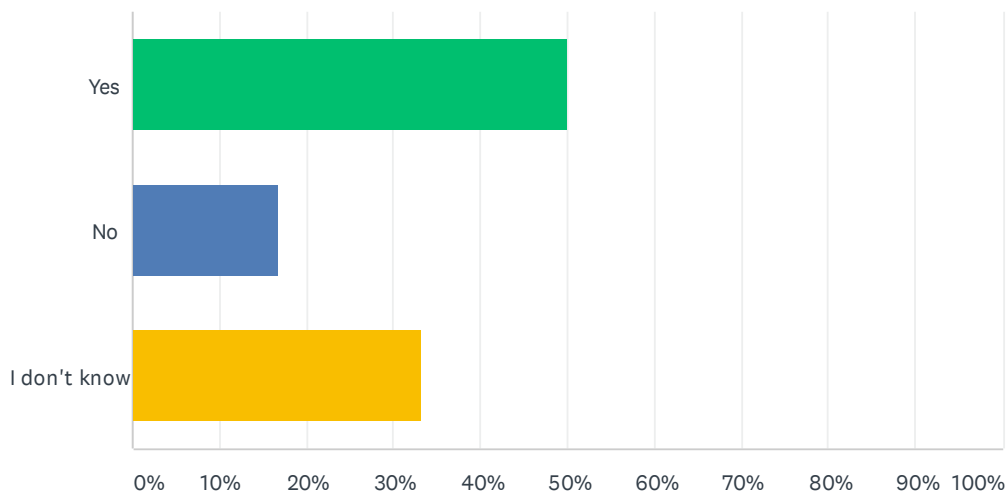
### Morris County Hazard Mitigation Plan - Utility Survey



ANSWER CHOICES	RESPONSES	
Yes	85.71%	6
No	0.00%	0
I don't know	14.29%	1
TOTAL		7

**Q8 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and reduce their personal risk to natural disasters, so as to reduce their reliance on your services during and after hazard events?**

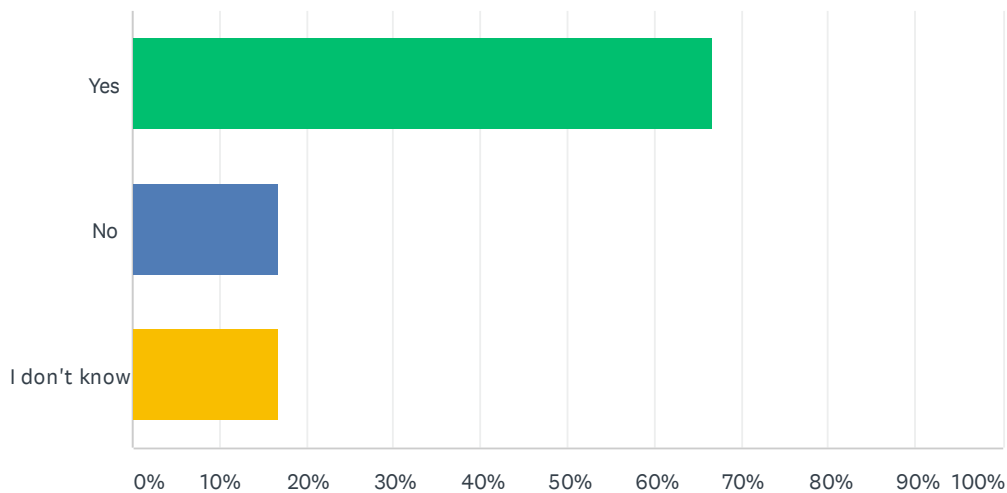
Answered: 6 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	16.67%	1
I don't know	33.33%	2
TOTAL		6

**Q9 Do you think that announcements of utility outages and service restoration schedules are sufficiently accurate and available to support the needs of emergency management, as well as owners/operators of critical and essential facilities?**

Answered: 6 Skipped: 1

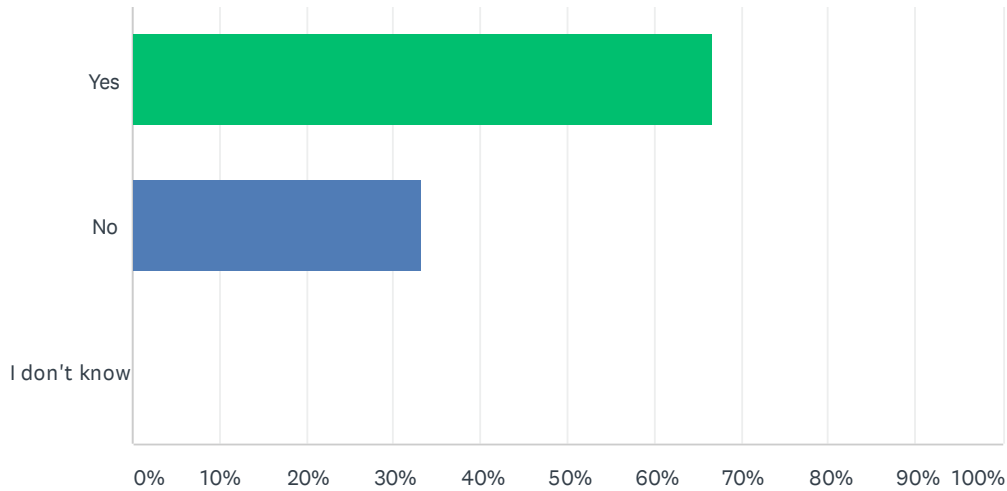


ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	16.67%	1
I don't know	16.67%	1
TOTAL		6

**Q10 Do you think that the public is aware of, understands, and takes advantage of emergency warning and notification systems and services? Does your utility have its own customer notification system?**

Answered: 6 Skipped: 1

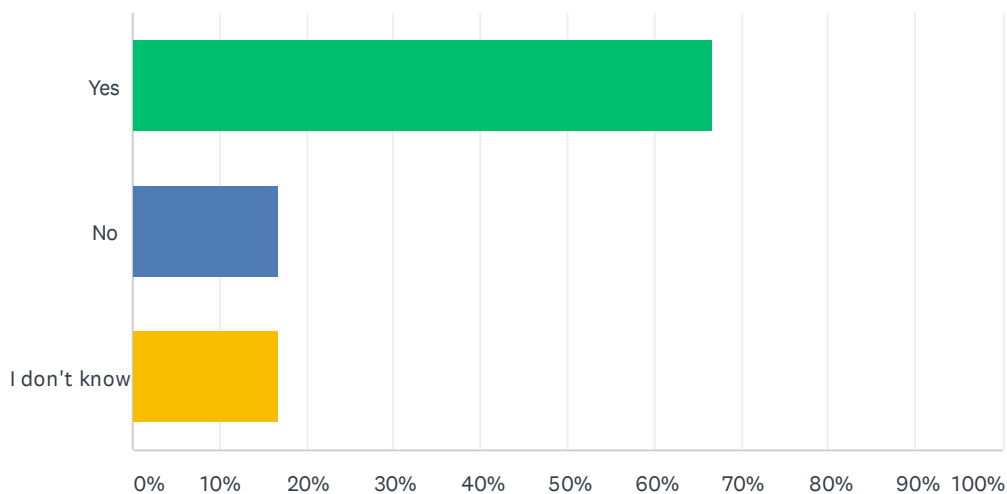
# Morris County Hazard Mitigation Plan - Utility Survey



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	33.33%	2
I don't know	0.00%	0
TOTAL		6

Q11 Do you think that vegetation management programs (e.g. tree trimming and removal) are sufficient to manage the risk of utility outages during natural hazard events?

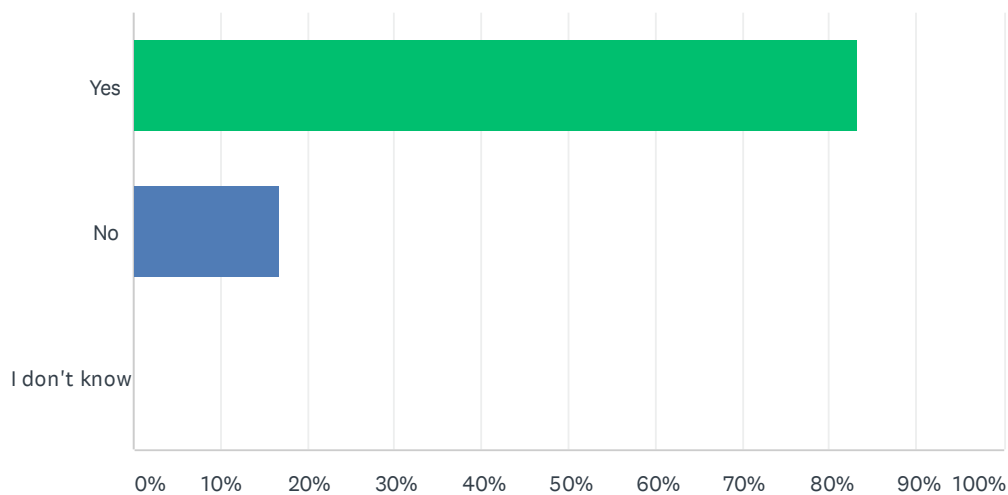
Answered: 6 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	16.67%	1
I don't know	16.67%	1
TOTAL		6

**Q12 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to natural disasters in your community?**

Answered: 6 Skipped: 1

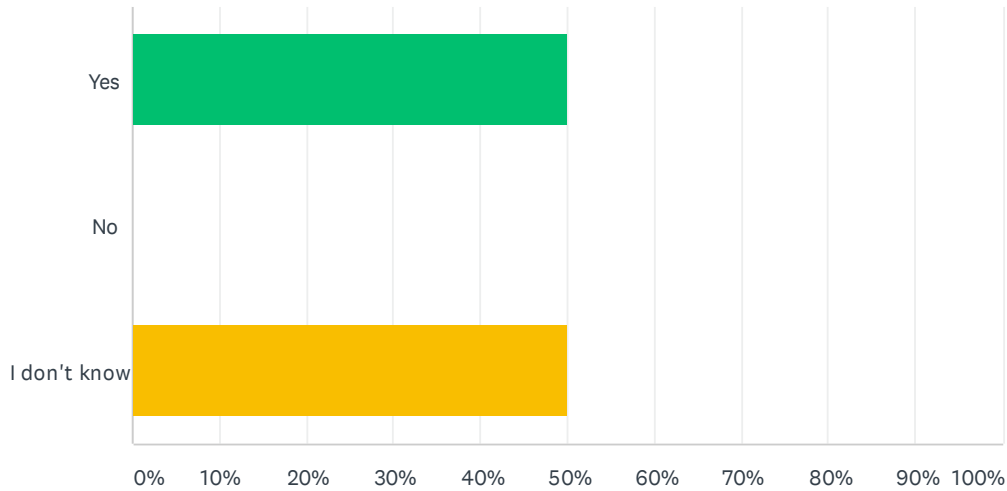


ANSWER CHOICES	RESPONSES	
Yes	83.33%	5
No	16.67%	1
I don't know	0.00%	0
TOTAL		6

**Q13 Do you think that local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?**

Answered: 6 Skipped: 1

# Morris County Hazard Mitigation Plan - Utility Survey



ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	0.00%	0
I don't know	50.00%	3
TOTAL		6

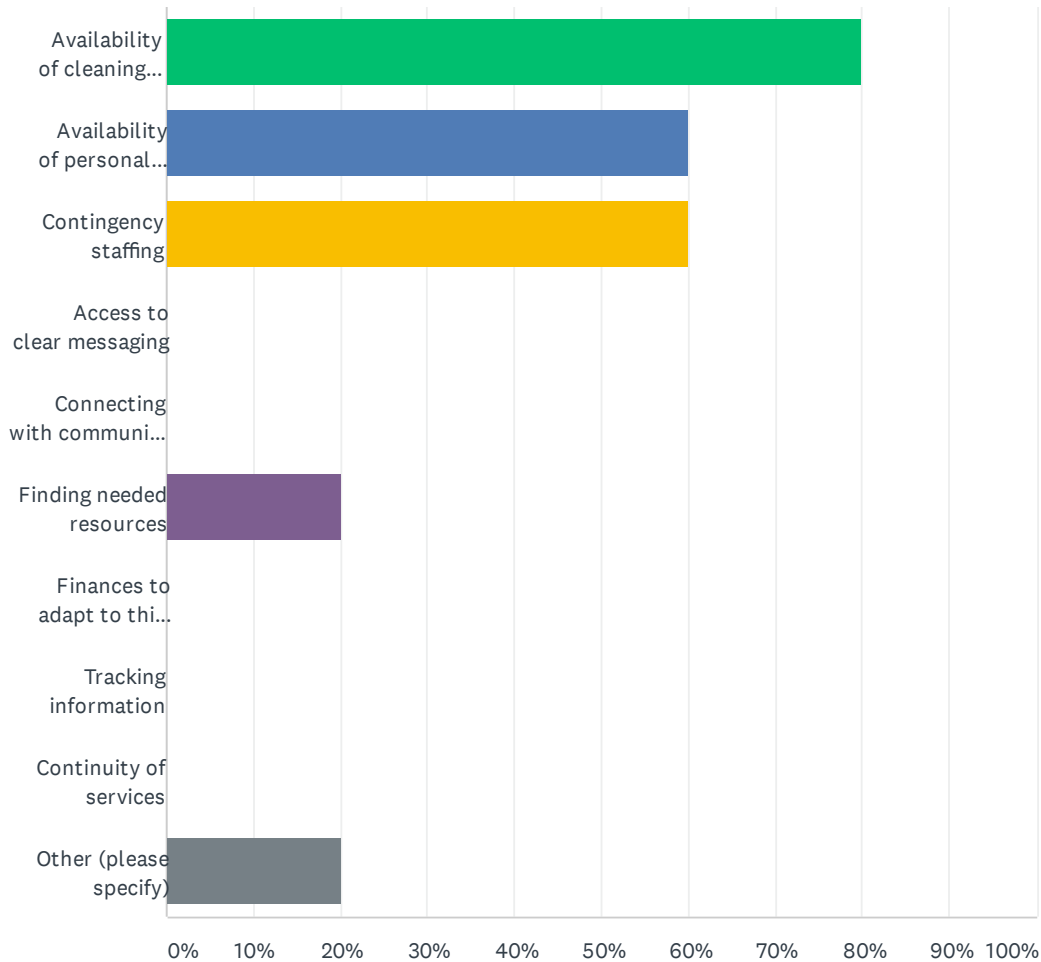
**Q14 Can you identify projects or programs that you have already implemented to reduce your facility's and or infrastructure's vulnerability to damages and losses, including loss of operation/service, to hazard events?**

Answered: 5 Skipped: 2

**Q15 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one).**

Answered: 5 Skipped: 2

## Morris County Hazard Mitigation Plan - Utility Survey



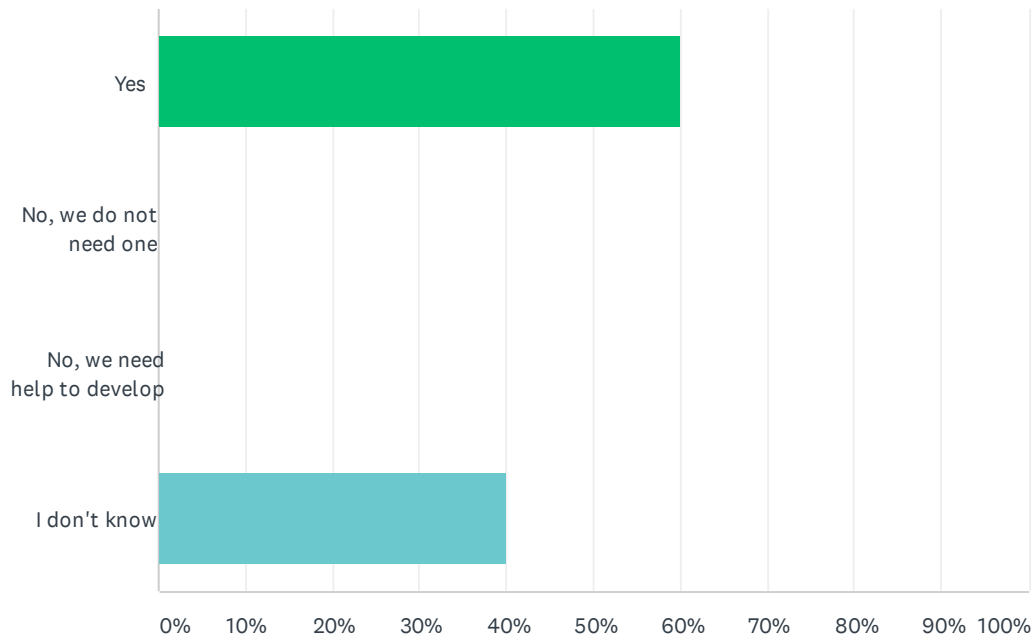
ANSWER CHOICES	RESPONSES	
Availability of cleaning supplies	80.00%	4
Availability of personal protective equipment (PPE)	60.00%	3
Contingency staffing	60.00%	3
Access to clear messaging	0.00%	0
Connecting with community officials	0.00%	0
Finding needed resources	20.00%	1
Finances to adapt to this new situation	0.00%	0
Tracking information	0.00%	0
Continuity of services	0.00%	0
Other (please specify)	20.00%	1
Total Respondents: 5		

**Q16 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum**



essential functions during any situation, and support the continuance of your organization's functions.

Answered: 5 Skipped: 2

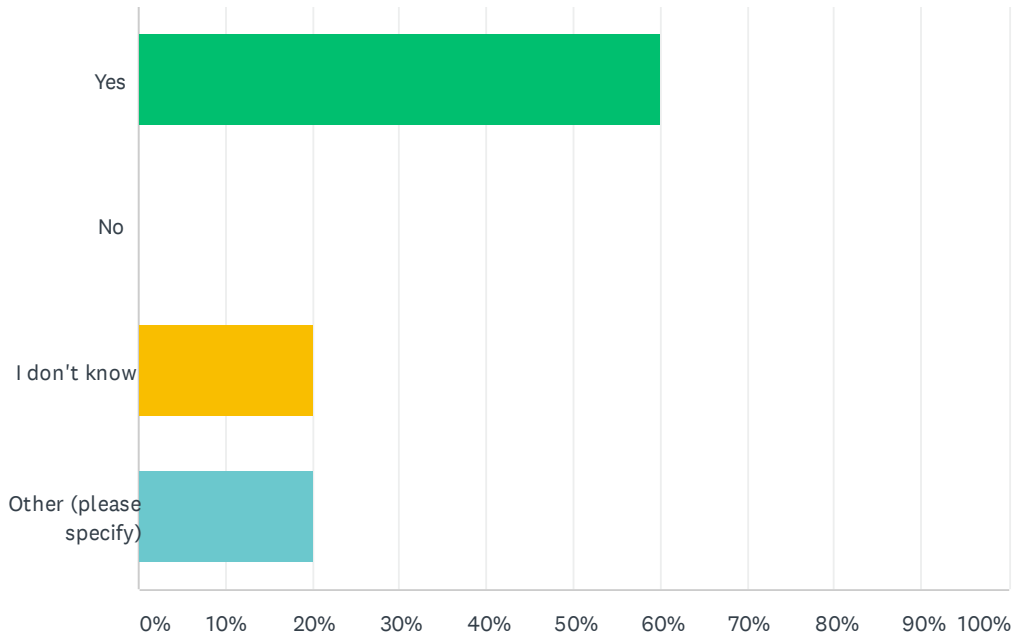


ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No, we do not need one	0.00%	0
No, we need help to develop	0.00%	0
I don't know	40.00%	2
TOTAL		5

Q17 Do you have an emergency plan that identifies your vulnerabilities to natural hazards, including pandemic?

Answered: 5 Skipped: 2

### Morris County Hazard Mitigation Plan - Utility Survey



ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No	0.00%	0
I don't know	20.00%	1
Other (please specify)	20.00%	1
TOTAL		5

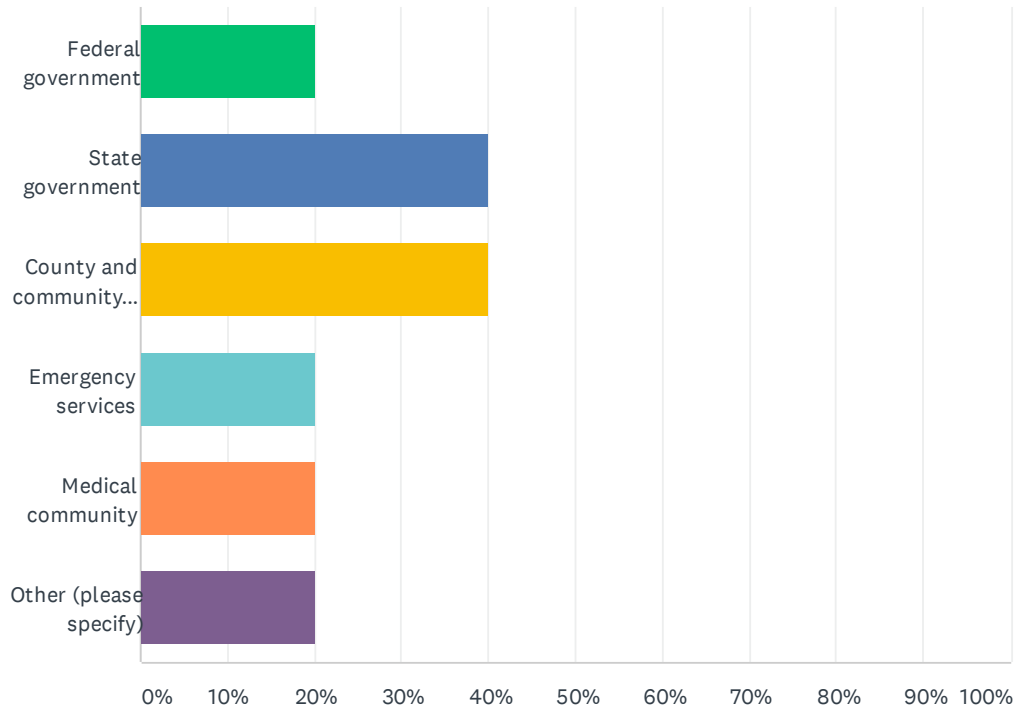
**Q18 What additional resources do you need to better prepare for the next event?**

Answered: 2 Skipped: 5

**Q19 From where do you need additional guidance and support in responding to and supporting all aspects of the COVID-19 pandemic?**

Answered: 5 Skipped: 2

## Morris County Hazard Mitigation Plan - Utility Survey



ANSWER CHOICES	RESPONSES	
Federal government	20.00%	1
State government	40.00%	2
County and community officials	40.00%	2
Emergency services	20.00%	1
Medical community	20.00%	1
Other (please specify)	20.00%	1
Total Respondents: 5		

Q20 Do you have any other comments, questions, or concerns?

Answered: 1 Skipped: 6

## Q1 Name of your organization, agency or facility:

Answered: 6 Skipped: 0

## Q2 Name of respondent:

Answered: 6 Skipped: 0

## Q3 Contact information (email address or phone number) - optional:

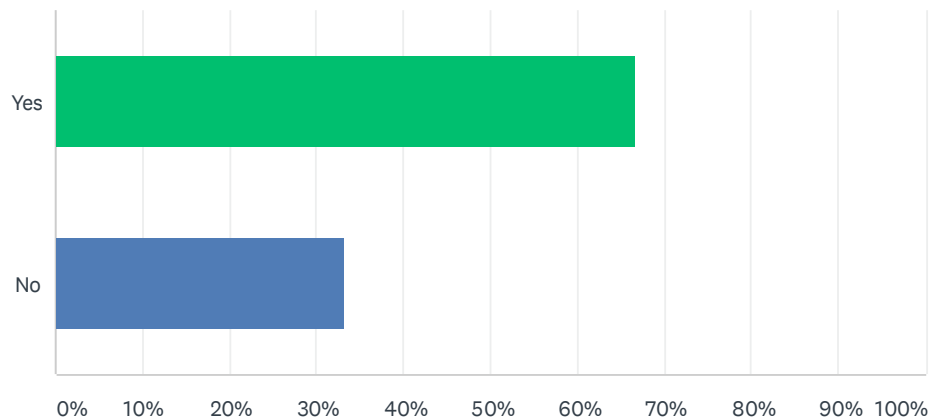
Answered: 6 Skipped: 0

## Q4 Please identify the location of your facility(ies) and or primary service area:

Answered: 6 Skipped: 0

## Q5 Have your facilities been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

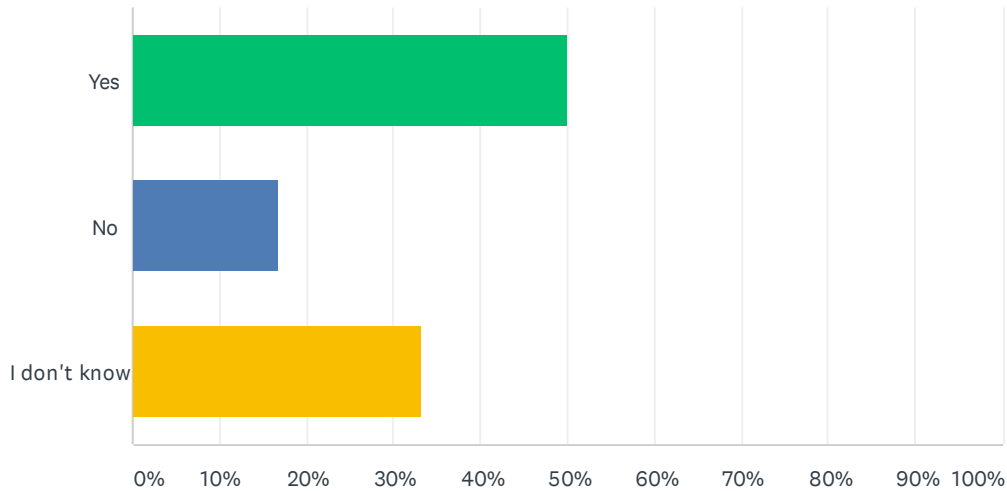
Answered: 6 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	33.33%	2
TOTAL		6

## Q6 Do you believe that your facilities are disaster-resistant (e.g. are properly located and constructed, and have back-up power as appropriate)?

Answered: 6 Skipped: 0

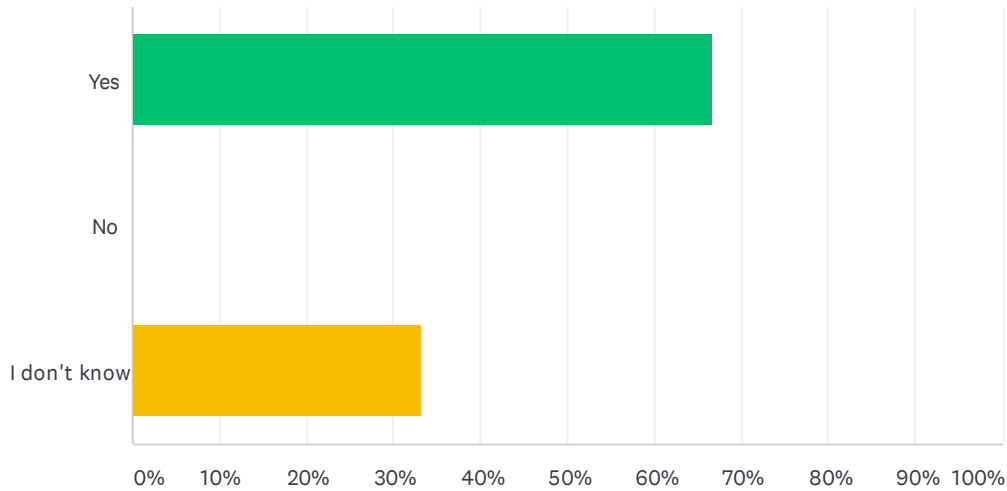


ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	16.67%	1
I don't know	33.33%	2
TOTAL		6

## Q7 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards?

Answered: 6 Skipped: 0

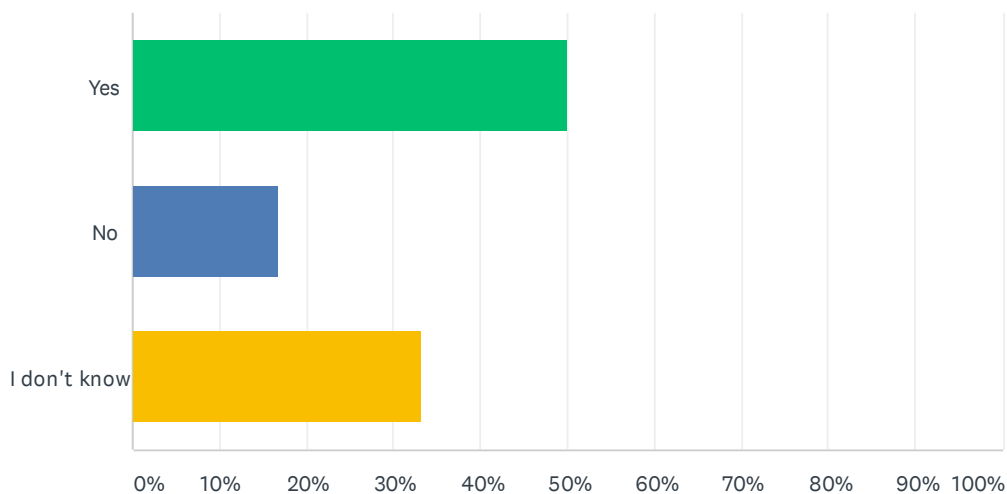
## Morris County Hazard Mitigation Plan - Social Service Provider Survey



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	0.00%	0
I don't know	33.33%	2
TOTAL		6

**Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your facility's social service functions during and after natural hazard events?**

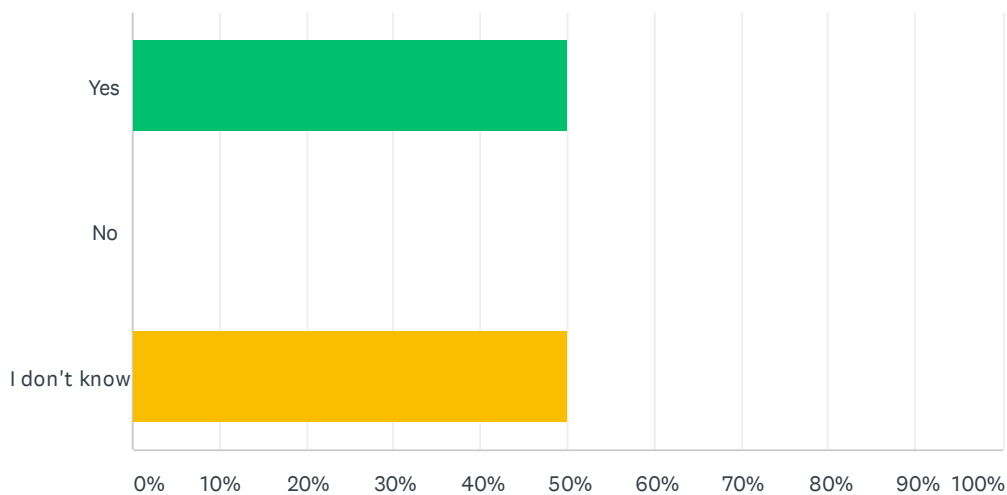
Answered: 6 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	16.67%	1
I don't know	33.33%	2
TOTAL		6

**Q9 Do you think that local public education and awareness programs are effective at informing vulnerable populations what they should do to be prepared for and reduce their personal risk to natural disasters?**

Answered: 6 Skipped: 0



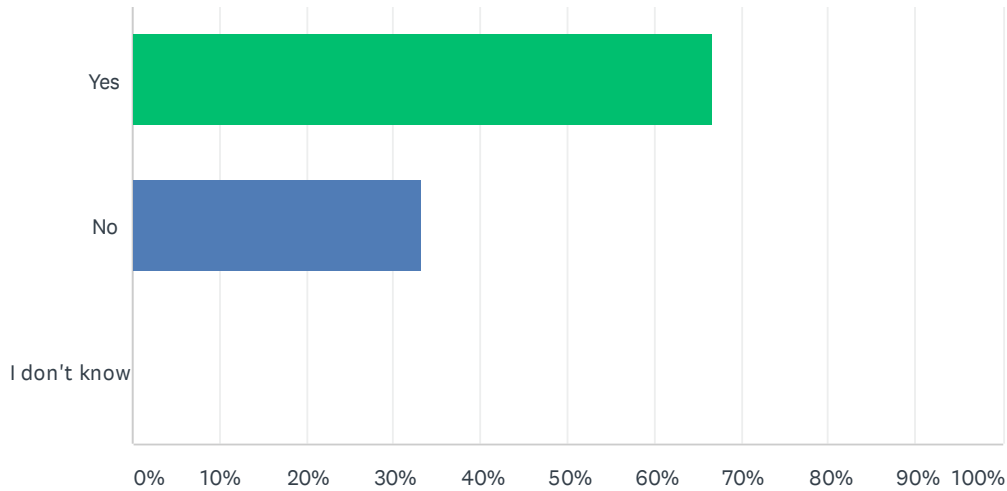
ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	0.00%	0
I don't know	50.00%	3
TOTAL		6

**Q10 Do you think that the public, particularly vulnerable populations, are aware of, understands, and takes advantage of emergency warning and notification systems and services (reverse 911, audible alerts, cell and text services)?**

Answered: 6 Skipped: 0



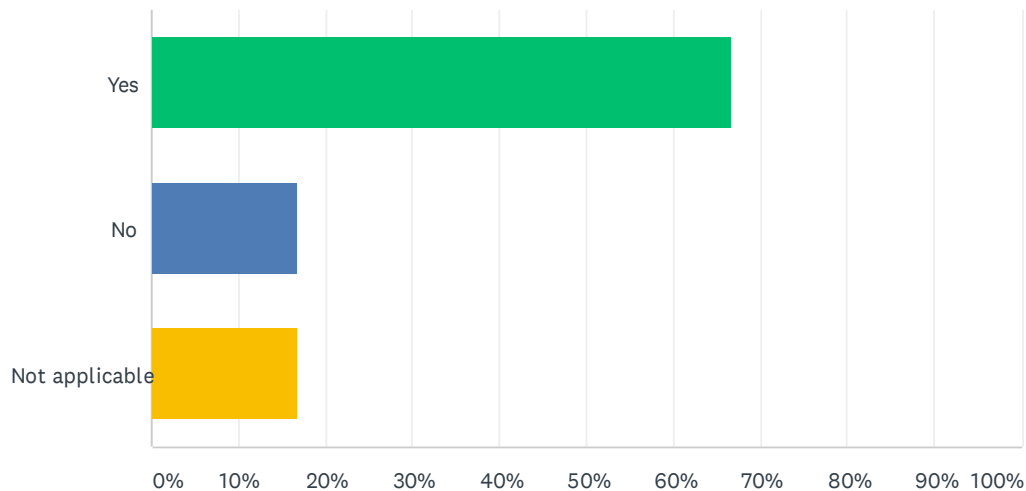
## Morris County Hazard Mitigation Plan - Social Service Provider Survey



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	33.33%	2
I don't know	0.00%	0
TOTAL		6

## Q11 Do you think that your organization works to inform vulnerable populations of how they can better manage their risk to natural hazards?

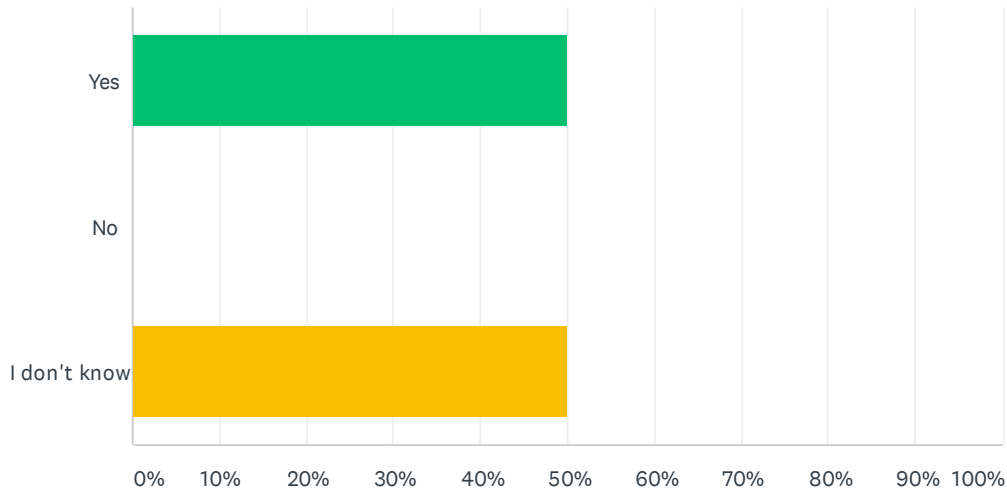
Answered: 6 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	66.67%	4
No	16.67%	1
Not applicable	16.67%	1
TOTAL		6

**Q12 Do you think that emergency response planning and services have taken appropriate consideration of vulnerable populations for effective response to natural disasters in your community?**

Answered: 6 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	50.00%	3
No	0.00%	0
I don't know	50.00%	3
TOTAL		6

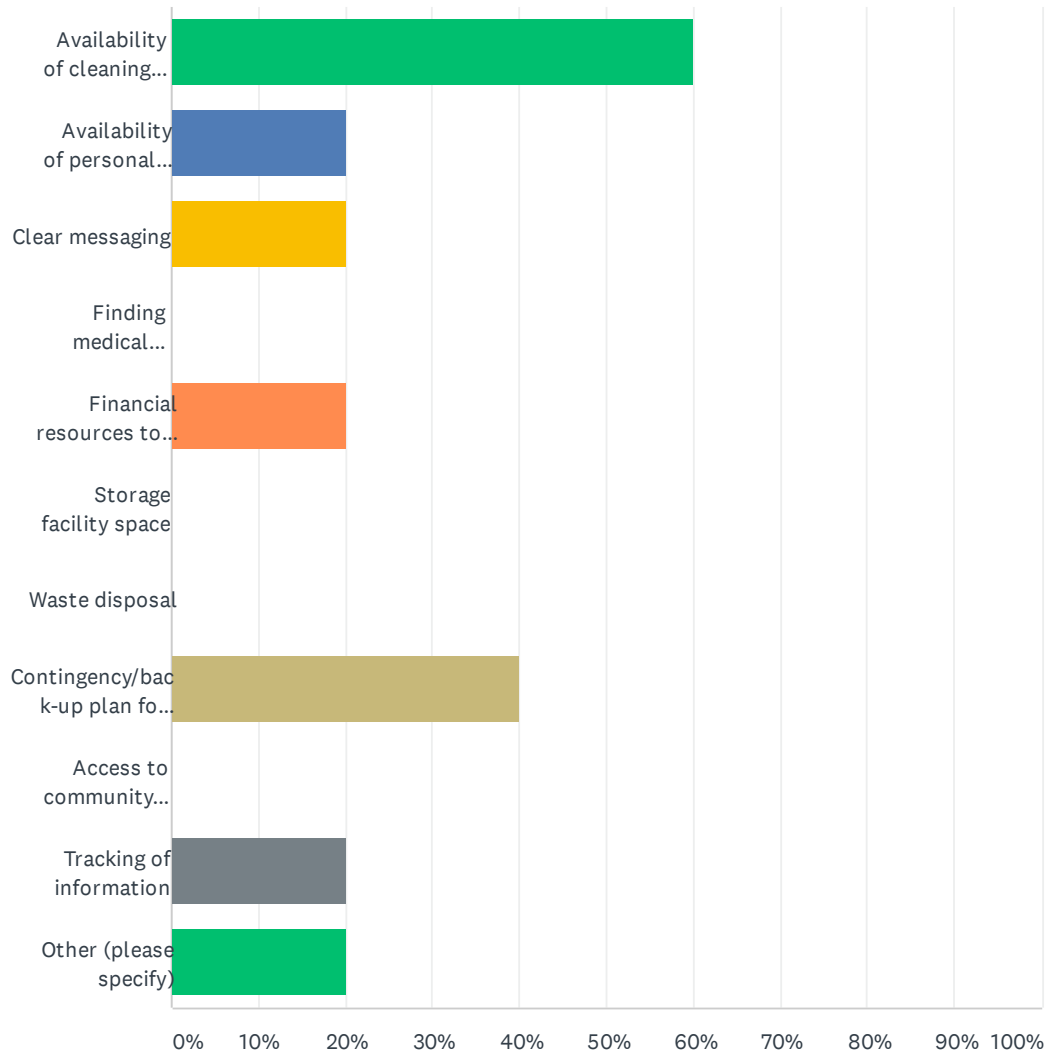
**Q13 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?**

Answered: 3 Skipped: 3

**Q14 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one).**

Answered: 5 Skipped: 1

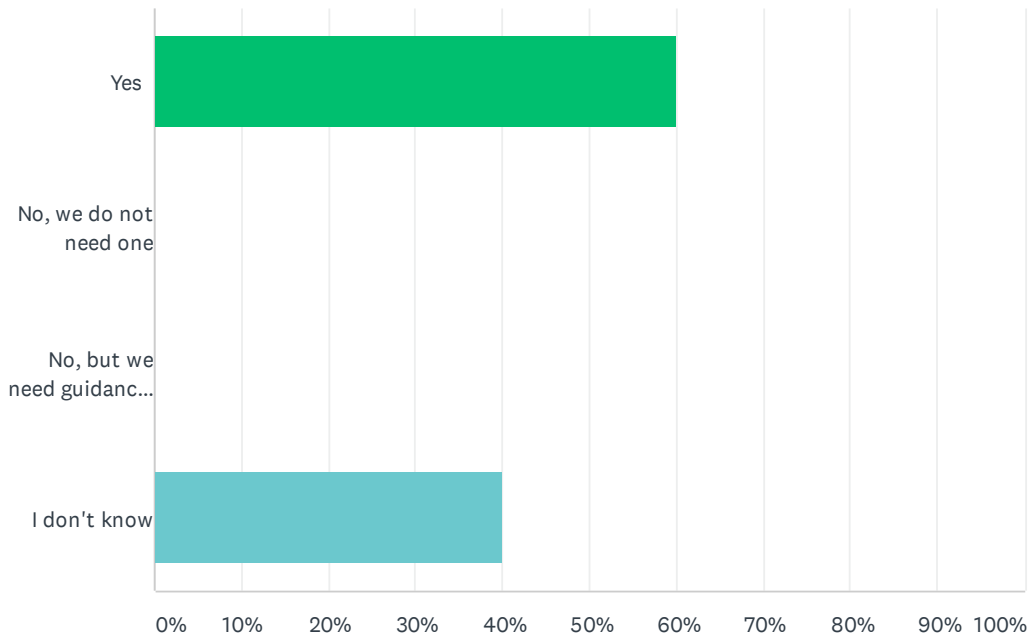
## Morris County Hazard Mitigation Plan - Social Service Provider Survey



ANSWER CHOICES	RESPONSES	
Availability of cleaning supplies	60.00%	3
Availability of personal protective equipment	20.00%	1
Clear messaging	20.00%	1
Finding medical professionals	0.00%	0
Financial resources to adapt to current conditions	20.00%	1
Storage facility space	0.00%	0
Waste disposal	0.00%	0
Contingency/back-up plan for staffing	40.00%	2
Access to community officials	0.00%	0
Tracking of information	20.00%	1
Other (please specify)	20.00%	1
Total Respondents: 5		

**Q15 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of organization functions.**

Answered: 5 Skipped: 1

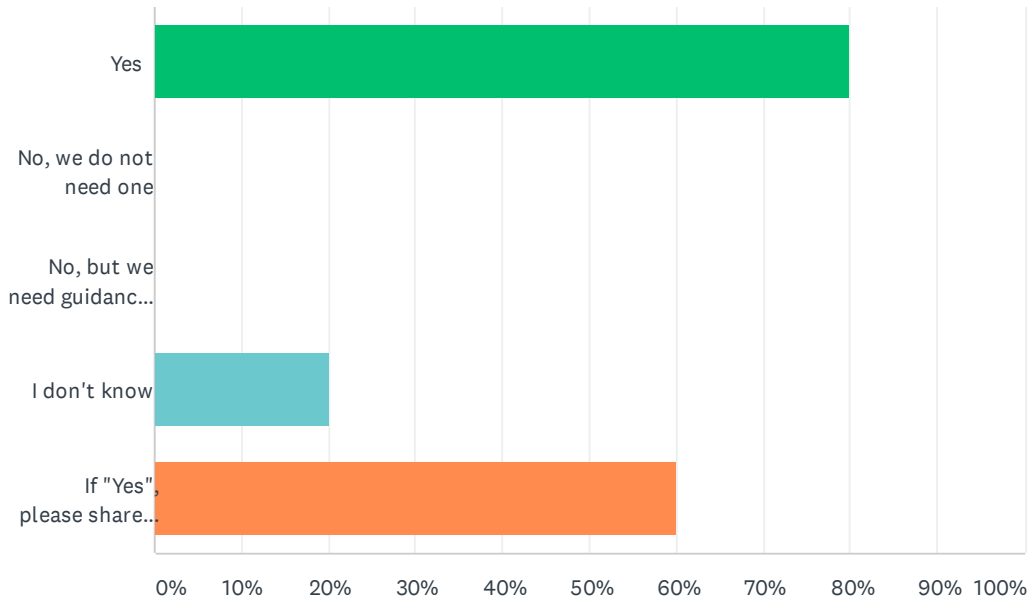


ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No, we do not need one	0.00%	0
No, but we need guidance on how to develop	0.00%	0
I don't know	40.00%	2
TOTAL		5

**Q16 Do you have an emergency plan that covers potential impacts to your operations, including pandemic?**

Answered: 5 Skipped: 1

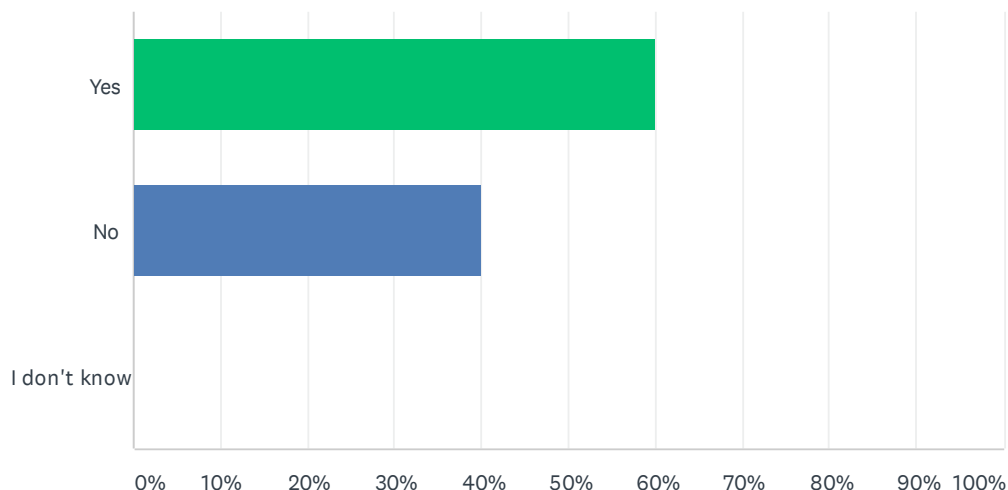
## Morris County Hazard Mitigation Plan - Social Service Provider Survey



ANSWER CHOICES	RESPONSES	
Yes	80.00%	4
No, we do not need one	0.00%	0
No, but we need guidance on how to develop	0.00%	0
I don't know	20.00%	1
If "Yes", please share how often it is updated and additional details regarding its effectiveness.	60.00%	3
Total Respondents: 5		

**Q17 Do you have procedures/protocols in place to return back to standard operations after this pandemic (i.e., cleaning protocols, cleaning frequency, occupancy limitations)?**

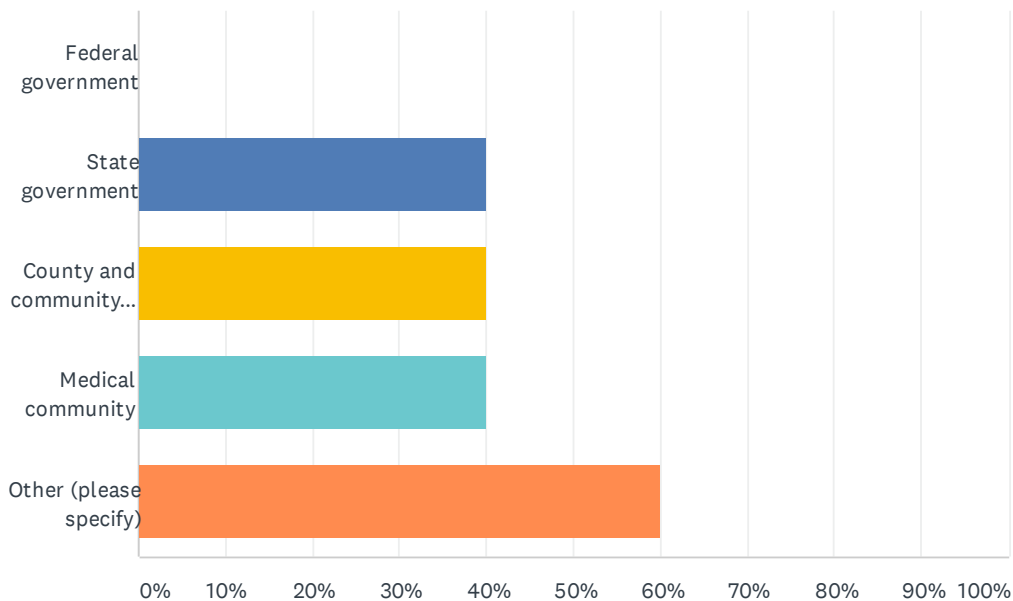
Answered: 5 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No	40.00%	2
I don't know	0.00%	0
Total Respondents: 5		

## Q18 From where do you need additional guidance and support in responding to and supporting all aspects of the COVID-19 pandemic?

Answered: 5 Skipped: 1



ANSWER CHOICES	RESPONSES	
Federal government	0.00%	0
State government	40.00%	2
County and community officials	40.00%	2
Medical community	40.00%	2
Other (please specify)	60.00%	3
Total Respondents: 5		

## Q19 What additional resources do you need to better prepare for the next event?

Answered: 4 Skipped: 2

## Q20 Do you have any other comments, questions, or concerns?

## Morris County Hazard Mitigation Plan - Social Service Provider Survey

Answered: 2   Skipped: 4

## Q1 Name of your health care facility:

Answered: 4 Skipped: 0

## Q2 Name of respondent:

Answered: 4 Skipped: 0

## Q3 Contact information (email address or phone number) - optional:

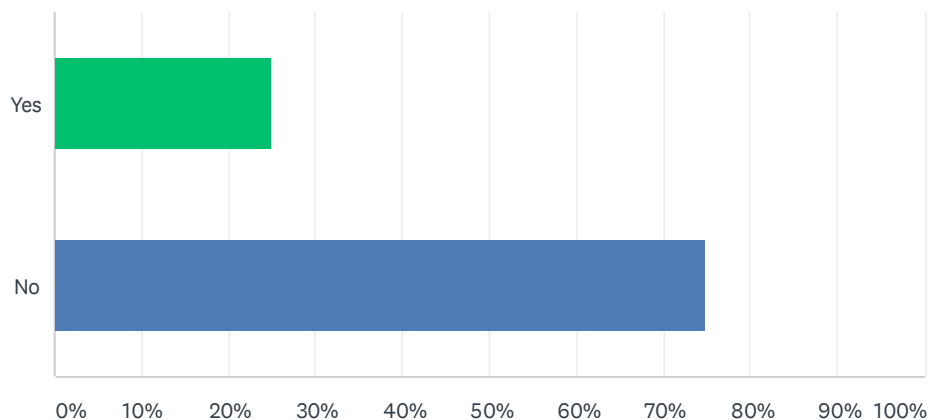
Answered: 4 Skipped: 0

## Q4 Please identify the location of your facility(ies) and or primary service area:

Answered: 4 Skipped: 0

## Q5 Have your facilities been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 4 Skipped: 0

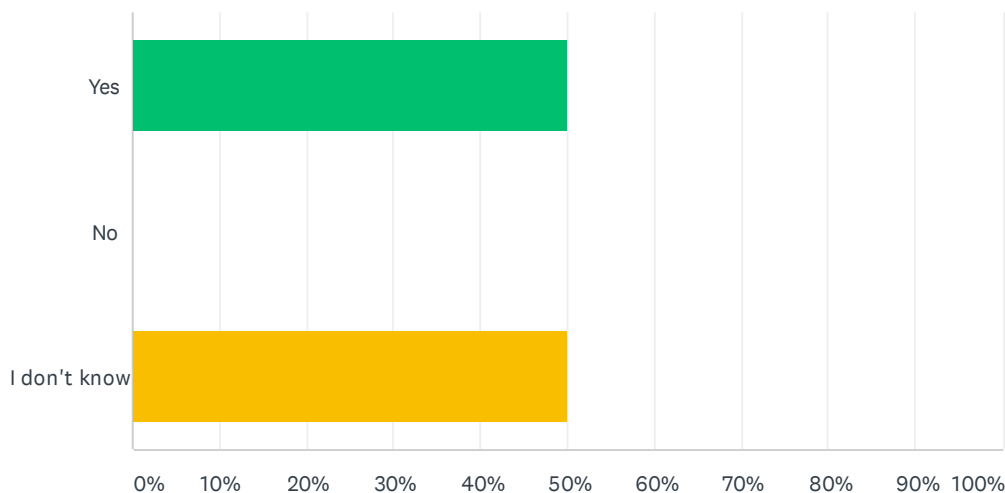


ANSWER CHOICES	RESPONSES
Yes	25.00% 1
No	75.00% 3
TOTAL	4



**Q6 Do you think that critical and essential facilities (incl. hospitals and medical centers, EMS facilities, schools, etc.) are disaster-resistant (e.g. are properly located and constructed, and have back-up power as appropriate)?**

Answered: 4 Skipped: 0

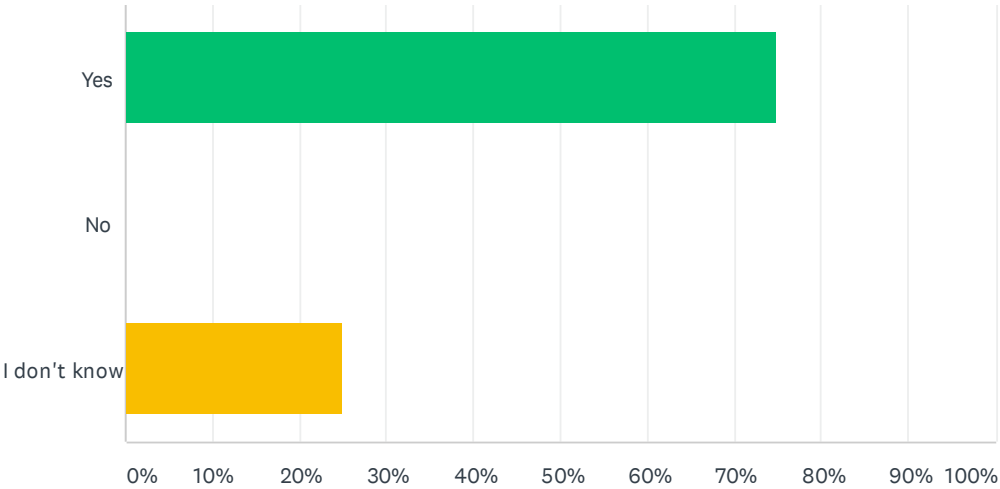


ANSWER CHOICES	RESPONSES	
Yes	50.00%	2
No	0.00%	0
I don't know	50.00%	2
TOTAL		4

**Q7 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards?**

Answered: 4 Skipped: 0

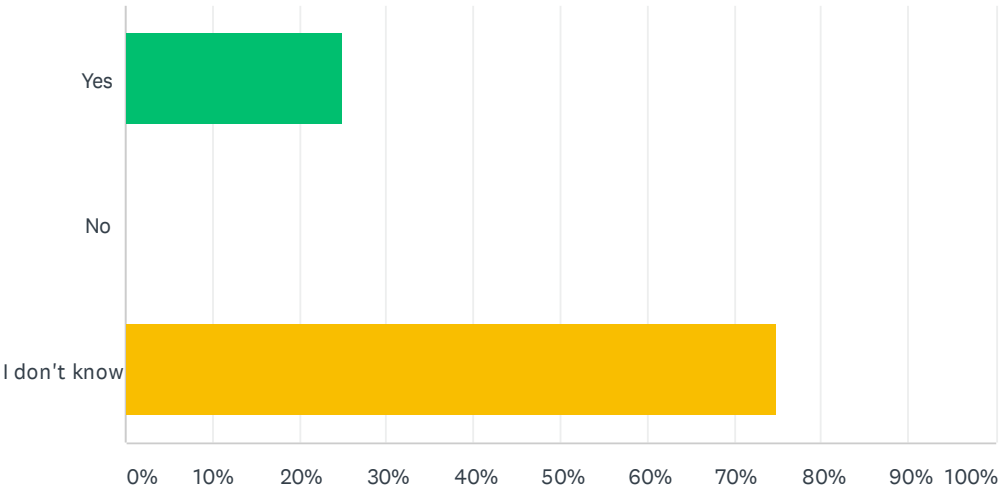
Morris County Hazard Mitigation Plan - Hospital and Health Care Provider Survey



ANSWER CHOICES	RESPONSES	
Yes	75.00%	3
No	0.00%	0
I don't know	25.00%	1
TOTAL		4

Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your facility's health care functions during and after natural hazard events?

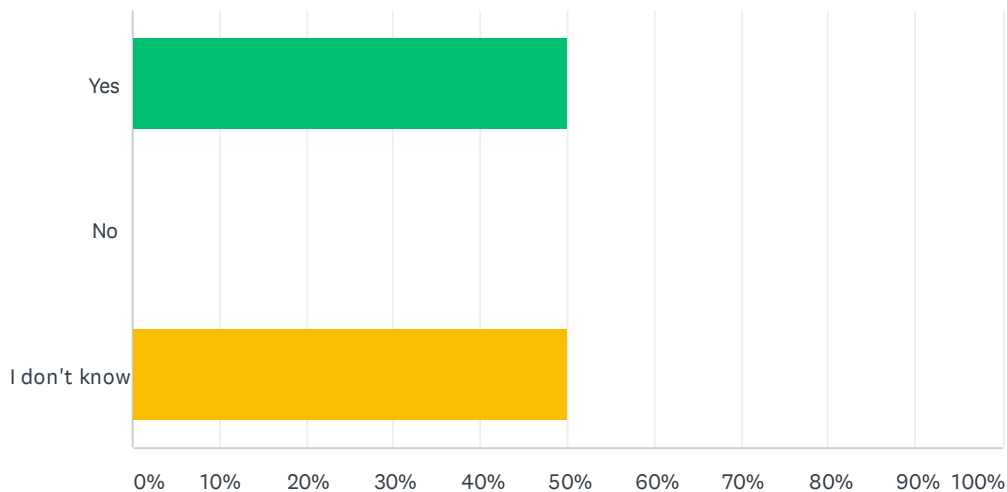
Answered: 4    Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	25.00%	1
No	0.00%	0
I don't know	75.00%	3
TOTAL		4

**Q9 Do you think that local public education and awareness programs are effective at informing the public on what they should do to be prepared for and reduce their personal risk to natural disasters, so as not to increase the need for health care services during hazard events?**

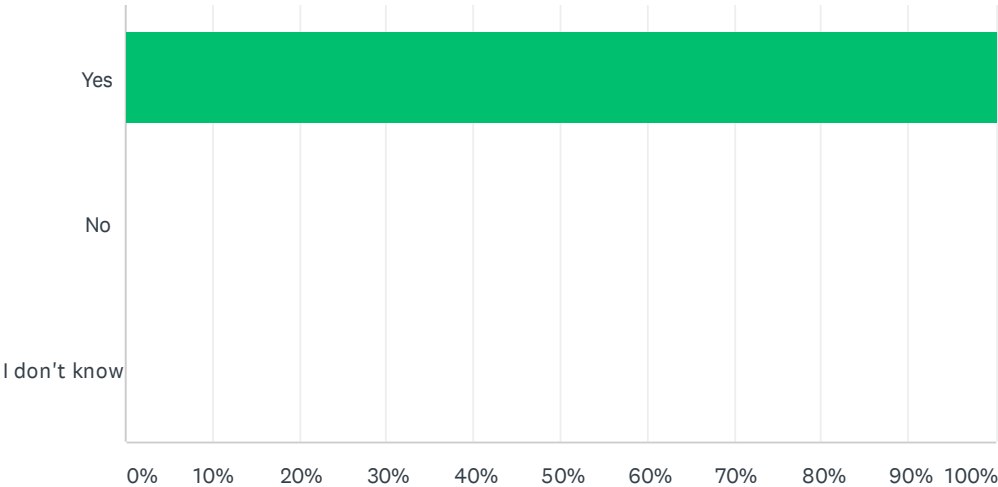
Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	50.00%	2
No	0.00%	0
I don't know	50.00%	2
TOTAL		4

**Q10 Do you think that announcements of road closures and pending road closures are sufficiently accurate and available to support hospital functions during natural hazard events?**

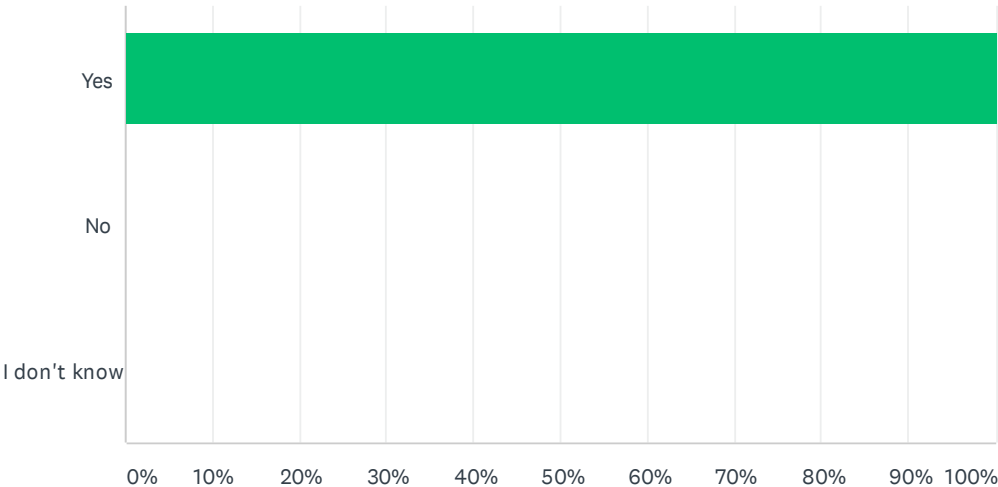
Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
I don't know	0.00%	0
TOTAL		4

Q11 Do you think that the public is aware of, understands, and takes advantage of emergency warning and notification systems and services (reverse 911, audible alerts, cell and text services)?

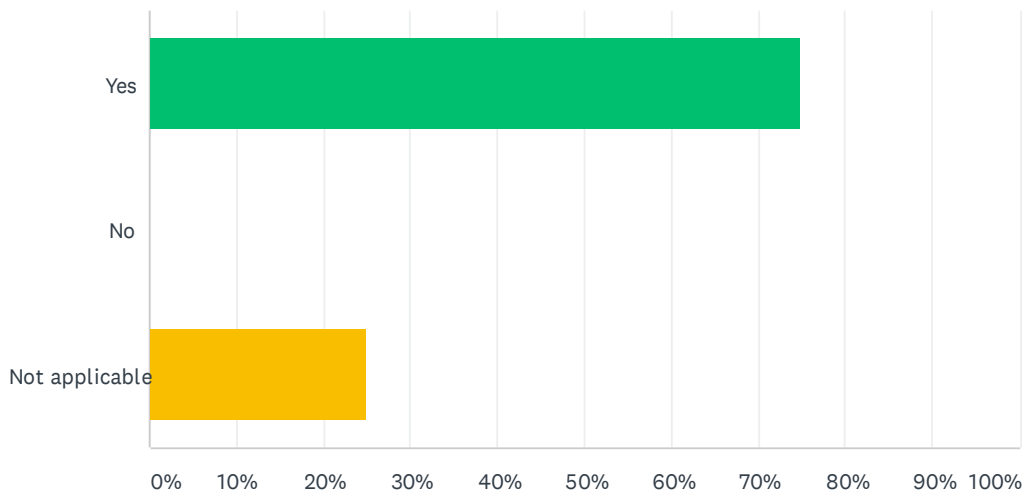
Answered: 4    Skipped: 0



ANSWER CHOICES	RESPONSES
Yes	100.00% 4
No	0.00% 0
I don't know	0.00% 0
TOTAL	4

**Q12 Do you think that your organization works to inform your constituents of how they can better manage their risk to natural hazards?**

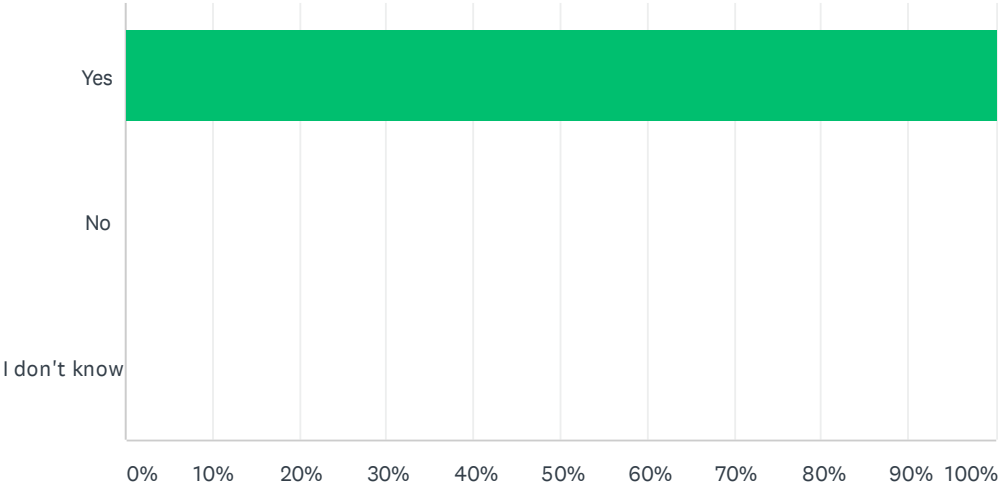
Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
Not applicable	25.00% 1
TOTAL	4

**Q13 Do you think that emergency response planning, services, and equipment are adequate to manage and respond properly to natural disasters in your community?**

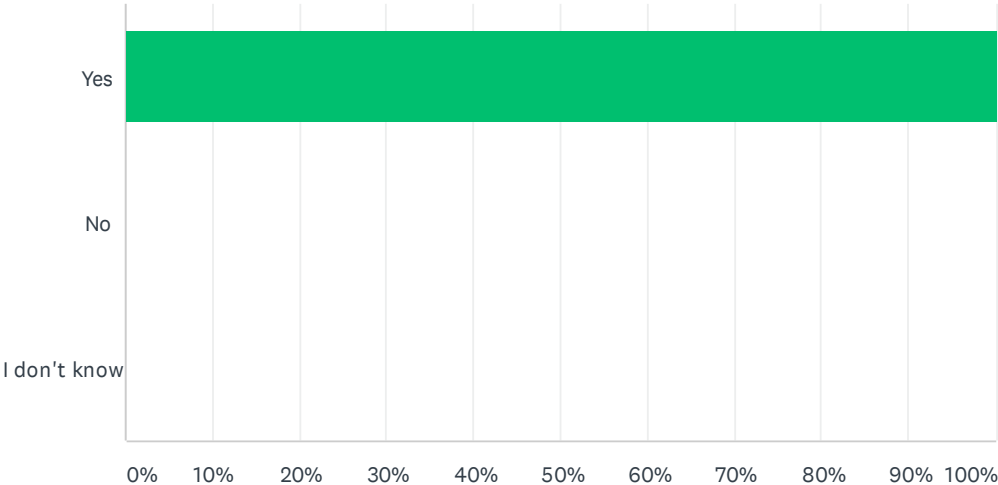
Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
I don't know	0.00%	0
TOTAL		4

Q14 Do you think that local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?

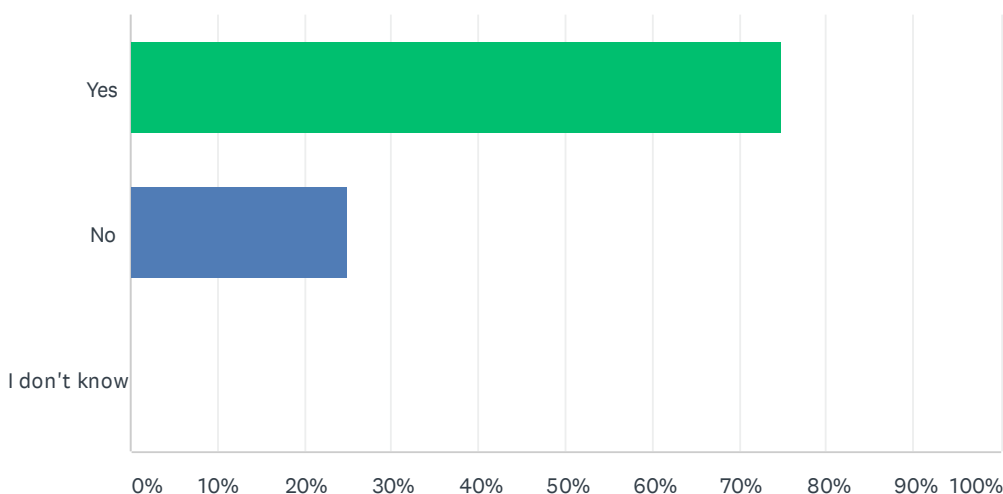
Answered: 4    Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
I don't know	0.00%	0
TOTAL		4

**Q15 Is your organization covered by a Continuity of Operations (COOP) plan? COOP plans examine an organization's ability to perform minimum essential functions during any situation, and support the continuance of organization functions.**

Answered: 4 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	75.00%	3
No	25.00%	1
I don't know	0.00%	0
TOTAL		4

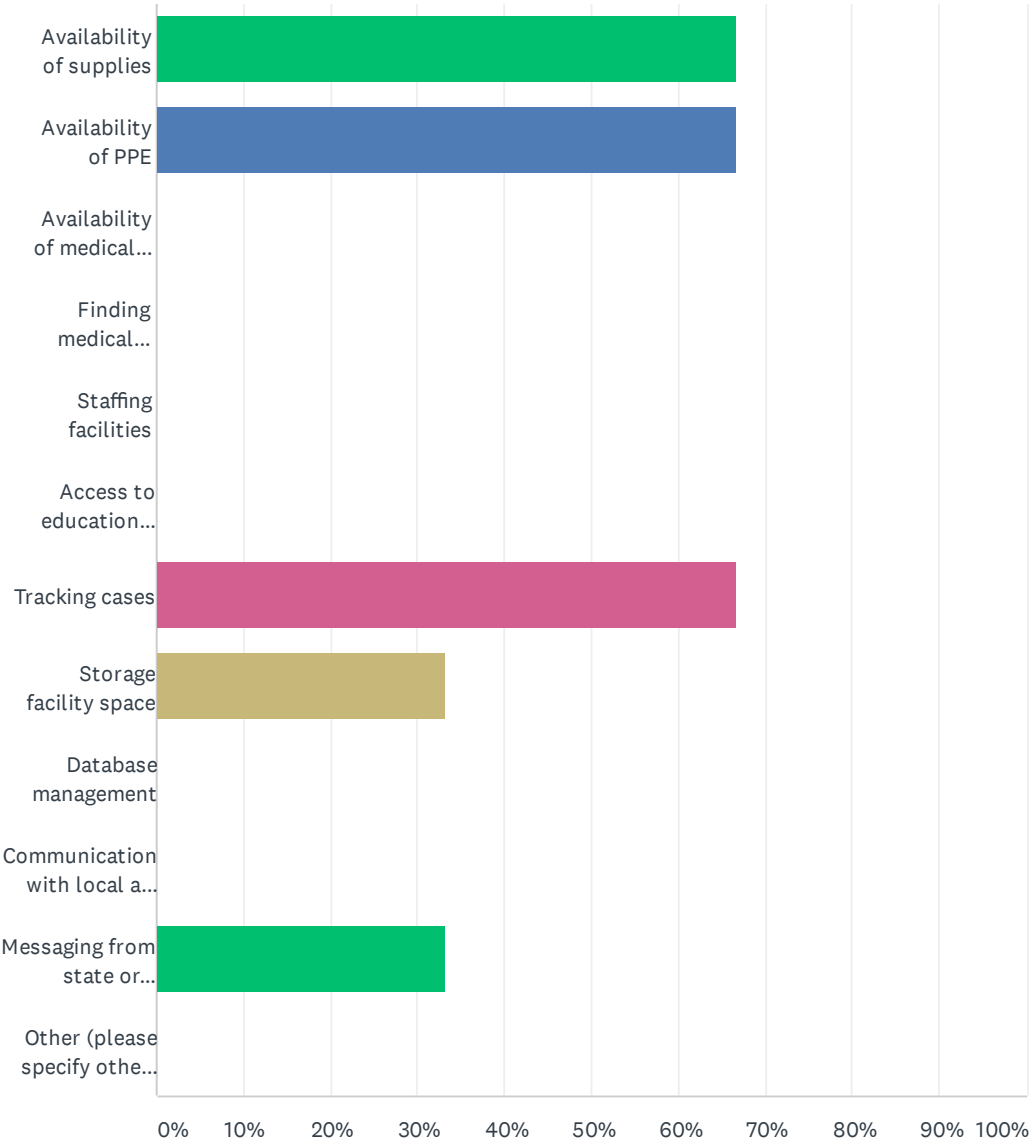
**Q16 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?**

Answered: 2 Skipped: 2

**Q17 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one):**

Morris County Hazard Mitigation Plan - Hospital and Health Care Provider Survey

Answered: 3    Skipped: 1



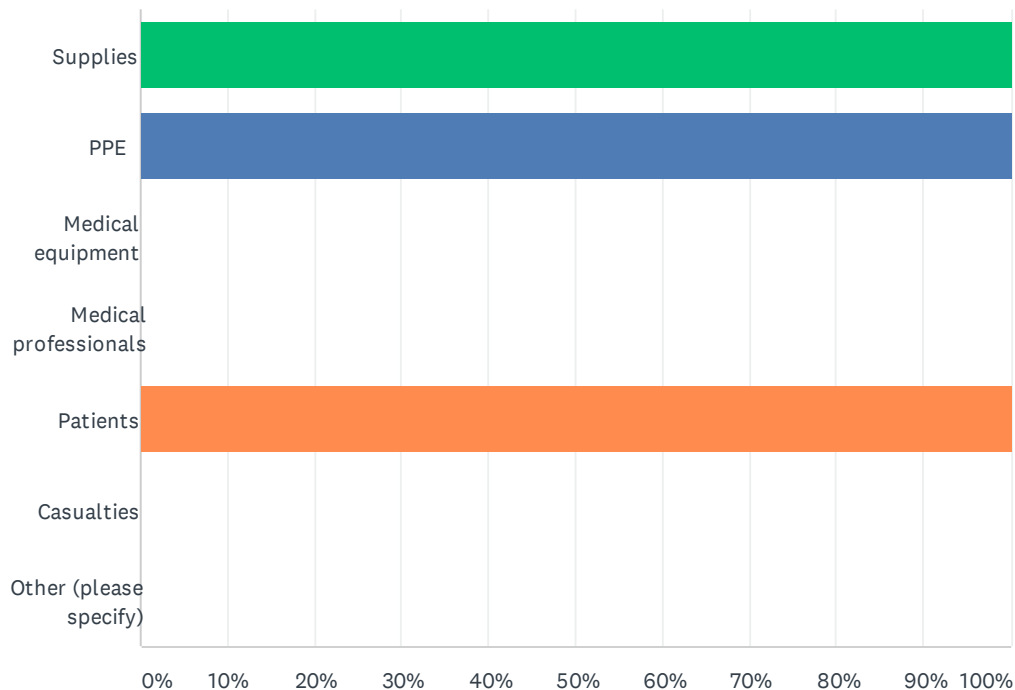


## Morris County Hazard Mitigation Plan - Hospital and Health Care Provider Survey

ANSWER CHOICES	RESPONSES	
Availability of supplies	66.67%	2
Availability of PPE	66.67%	2
Availability of medical equipment	0.00%	0
Finding medical professionals (RNs, MDs, etc)	0.00%	0
Staffing facilities	0.00%	0
Access to education materials and signage	0.00%	0
Tracking cases	66.67%	2
Storage facility space	33.33%	1
Database management	0.00%	0
Communication with local and county officials	0.00%	0
Messaging from state or federal government	33.33%	1
Other (please specify other challenges; or elaborate on your selections)	0.00%	0
Total Respondents: 3		

### Q18 Select the categories you need a database to track this information for your facility during a pandemic:

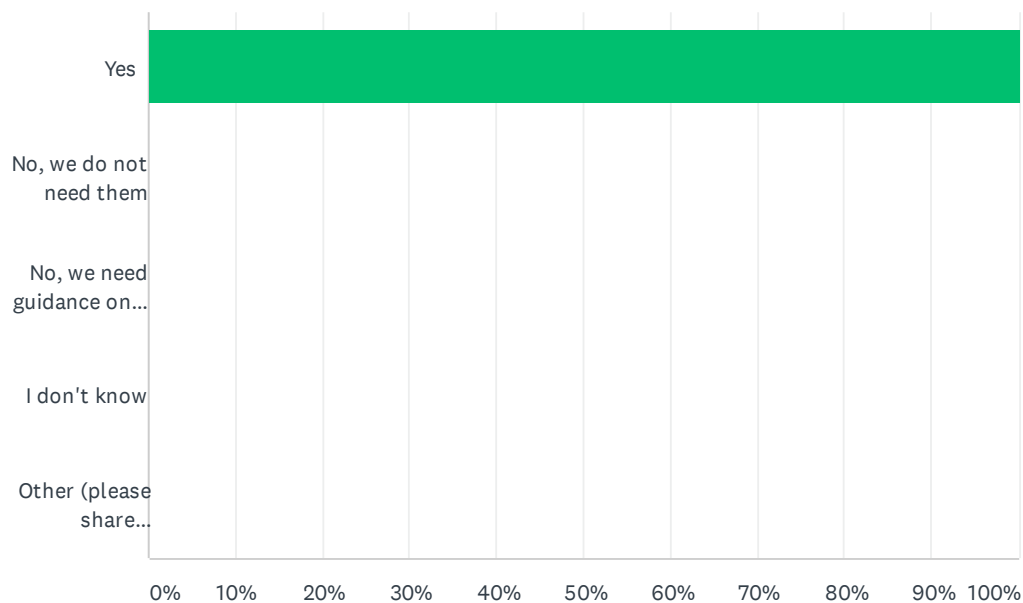
Answered: 1   Skipped: 3



ANSWER CHOICES	RESPONSES	
Supplies	100.00%	1
PPE	100.00%	1
Medical equipment	0.00%	0
Medical professionals	0.00%	0
Patients	100.00%	1
Casualties	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 1		

### Q19 Do you have procedures/protocols in place to return back to standard operations after this pandemic (i.e., cleaning protocols, cleaning frequency, communication protocols)?

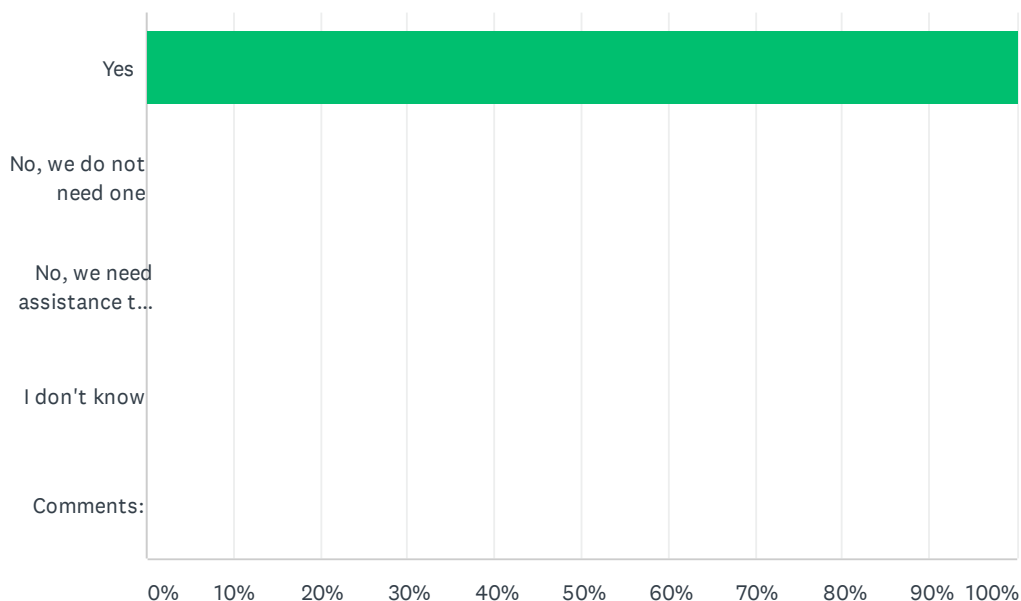
Answered: 3 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	100.00%	3
No, we do not need them	0.00%	0
No, we need guidance on developing	0.00%	0
I don't know	0.00%	0
Other (please share additional comments on your needs)	0.00%	0
Total Respondents: 3		

## Q20 Do you have an emergency plan that covers potential impacts to your operations including pandemic?

Answered: 3 Skipped: 1

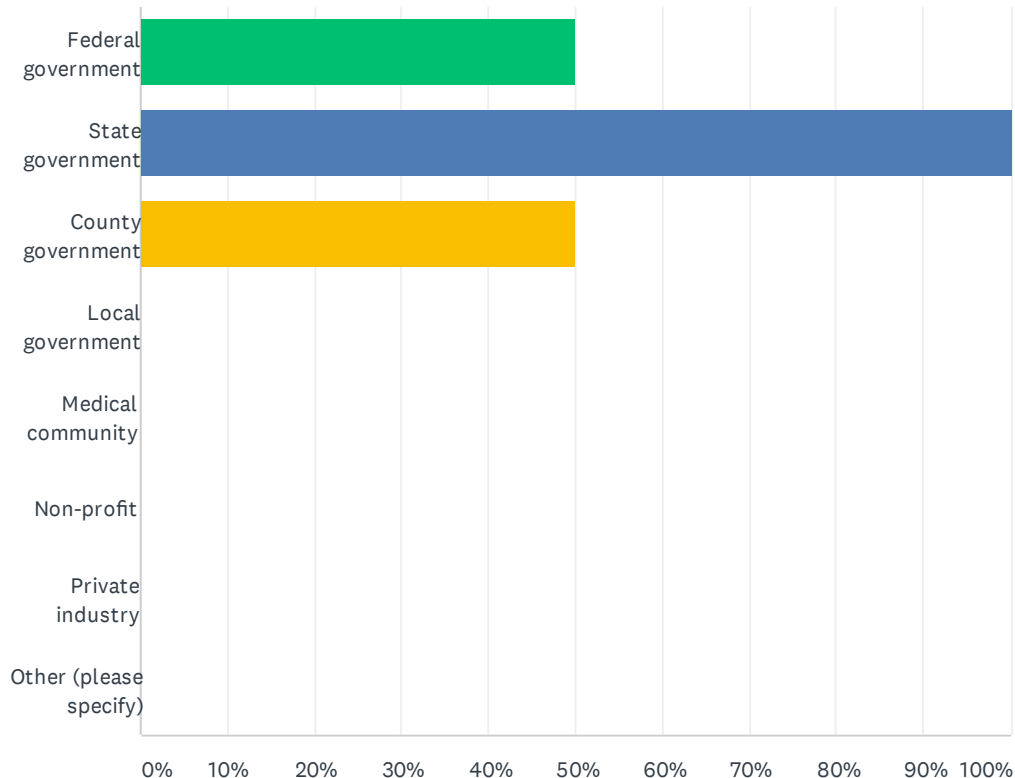


ANSWER CHOICES	RESPONSES	
Yes	100.00%	3
No, we do not need one	0.00%	0
No, we need assistance to develop one	0.00%	0
I don't know	0.00%	0
Comments:	0.00%	0
<b>TOTAL</b>		<b>3</b>

## Q21 From where do you need additional guidance and support in responding to and supporting all aspects of the COVID-19 pandemic?

Answered: 2 Skipped: 2

## Morris County Hazard Mitigation Plan - Hospital and Health Care Provider Survey



ANSWER CHOICES	RESPONSES	
Federal government	50.00%	1
State government	100.00%	2
County government	50.00%	1
Local government	0.00%	0
Medical community	0.00%	0
Non-profit	0.00%	0
Private industry	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 2		

**Q22 What additional resources do you need to better prepare for the next event?**

Answered: 3 Skipped: 1

**Q23 Do you have any other comments, questions, or concerns?**

Answered: 1 Skipped: 3

## Q1 Name of your Agency/Organization:

Answered: 2 Skipped: 0

## Q2 Name of respondent:

Answered: 1 Skipped: 1

## Q3 Contact information (email address or phone number) - optional:

Answered: 1 Skipped: 1

## Q4 Please describe the services you provide to Morris County and/or municipalities in the County on a blue-sky day (non-disaster situation).

Answered: 1 Skipped: 1

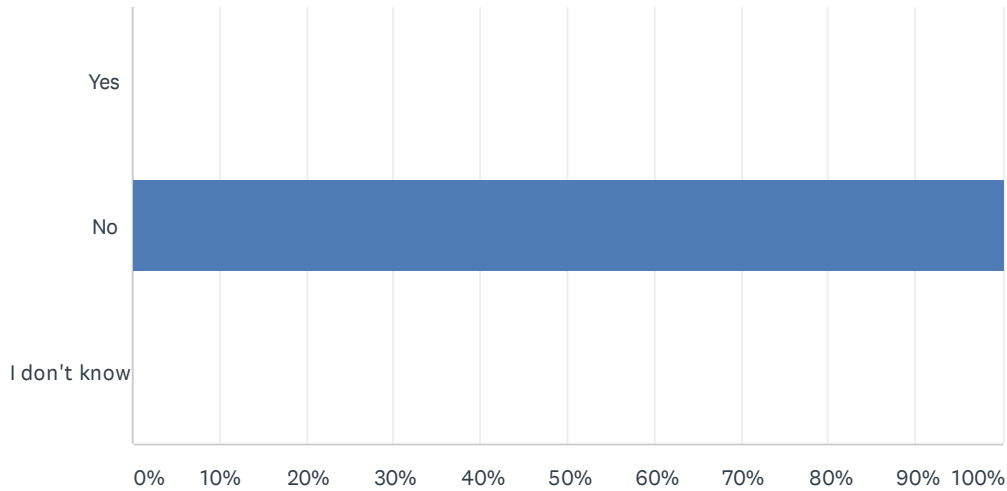
## Q5 Of your services, please identify which services you believe are essential services that must be provided prior to, during, and after a disaster in order to protect public safety and health.

Answered: 1 Skipped: 1

## Q6 Do you have formal or informal agreements with Morris County or municipalities in the County to provide services/equipment pre-, during, post-disaster?

Answered: 1 Skipped: 1

## Morris County Hazard Mitigation Plan - Stakeholder Survey



ANSWER CHOICES	RESPONSES	
Yes	0.00%	0
No	100.00%	1
I don't know	0.00%	0
TOTAL		1

**Q7 Does your organization have any vulnerabilities to natural hazards that should be considered in the Morris County Hazard Mitigation Plan?**

Answered: 1 Skipped: 1

**Q8 Please identify climate change related plans/strategies/policies/programs/resources that contribute to the overall resiliency of the county (climate change studies, climate polices, academic resources, etc.).**

Answered: 1 Skipped: 1

**Q9 What mitigation projects would you like to see implemented to reduce your vulnerability to natural hazards in Morris County?**

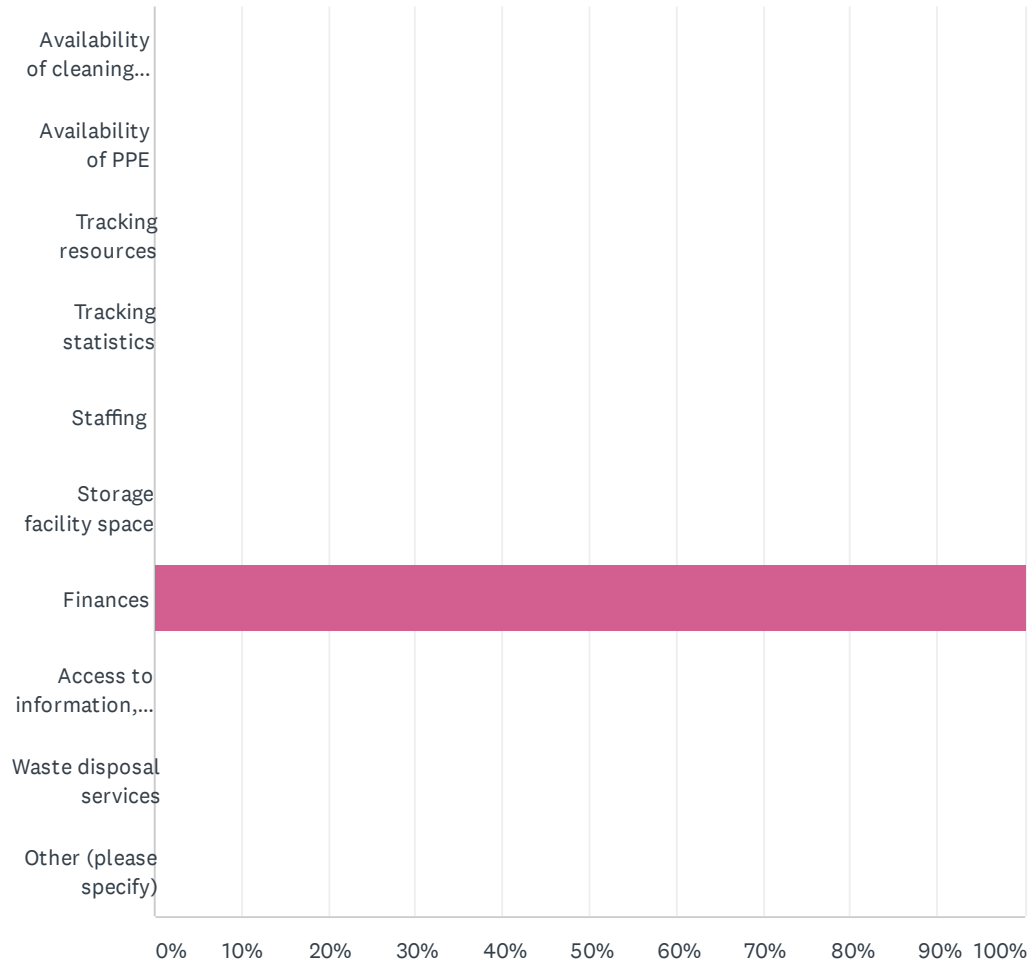
Answered: 1 Skipped: 1

**Q10 Can you identify projects or programs that you have already implemented to reduce your organization's vulnerability to damage and losses, including loss of operation/service, to hazard events?**

Answered: 1 Skipped: 1

**Q11 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one).**

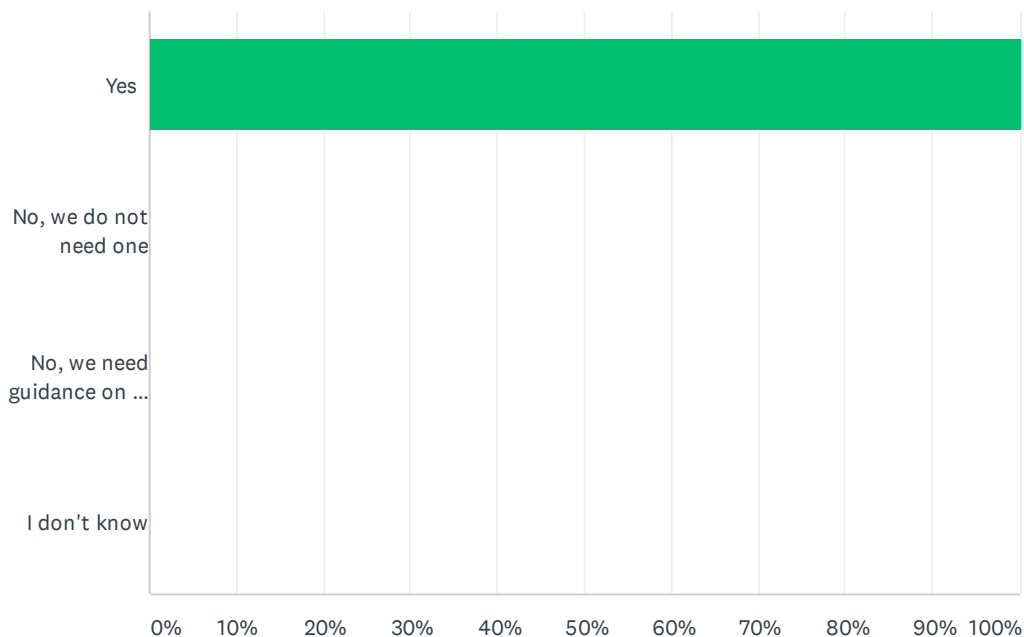
Answered: 1 Skipped: 1



ANSWER CHOICES	RESPONSES	
Availability of cleaning supplies	0.00%	0
Availability of PPE	0.00%	0
Tracking resources	0.00%	0
Tracking statistics	0.00%	0
Staffing	0.00%	0
Storage facility space	0.00%	0
Finances	100.00%	1
Access to information, education materials and/or signage	0.00%	0
Waste disposal services	0.00%	0
Other (please specify)	0.00%	0
Total Respondents: 1		

**Q12 Does your organization have a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine a department's ability to perform minimum essential functions during any situation. COOP activities support the continuance of essential functions, while COG activities support the continuance of local government.**

Answered: 1 Skipped: 1



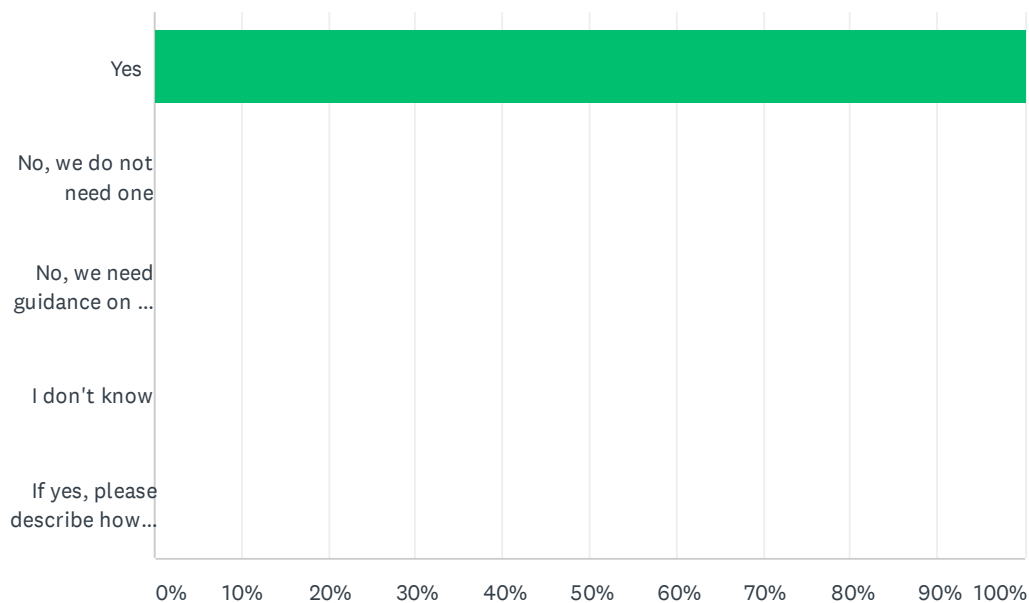


## Morris County Hazard Mitigation Plan - Stakeholder Survey

ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No, we do not need one	0.00%	0
No, we need guidance on how to develop	0.00%	0
I don't know	0.00%	0
TOTAL		1

### Q13 Do you have an emergency plan that includes pandemic, or other natural hazards?

Answered: 1   Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	100.00%	1
No, we do not need one	0.00%	0
No, we need guidance on how to develop	0.00%	0
I don't know	0.00%	0
If yes, please describe how often the plan is updated and its effectiveness.	0.00%	0
Total Respondents: 1		

### Q14 What additional resources do you need to better prepare for the next event?

Answered: 1   Skipped: 1

**Q15 Do you have any other comments, questions, or concerns?**

Answered: 0   Skipped: 2

Q1 Name of your Academic Institution (school, district, higher education institution):

Answered: 11 Skipped: 0

Q2 Name of Respondent:

Answered: 11 Skipped: 0

Q3 Contact information (email address or phone number) - optional:

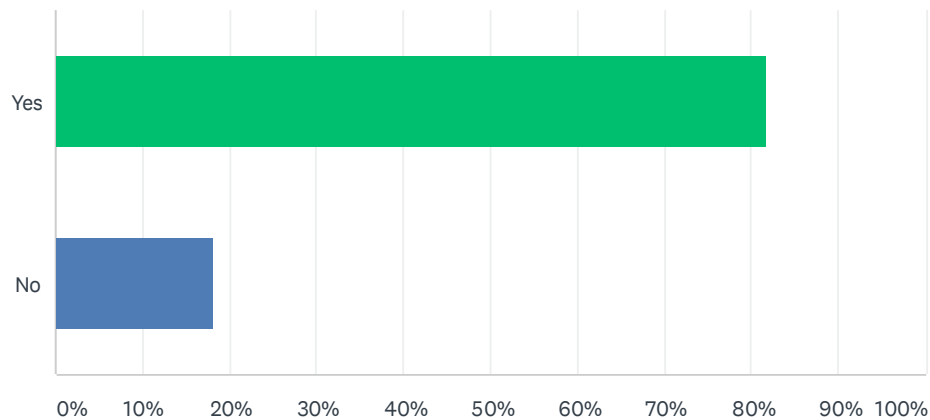
Answered: 11 Skipped: 0

Q4 Please identify the location of your facility(ies) and or primary service area in the County:

Answered: 11 Skipped: 0

Q5 Has your academic institution been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

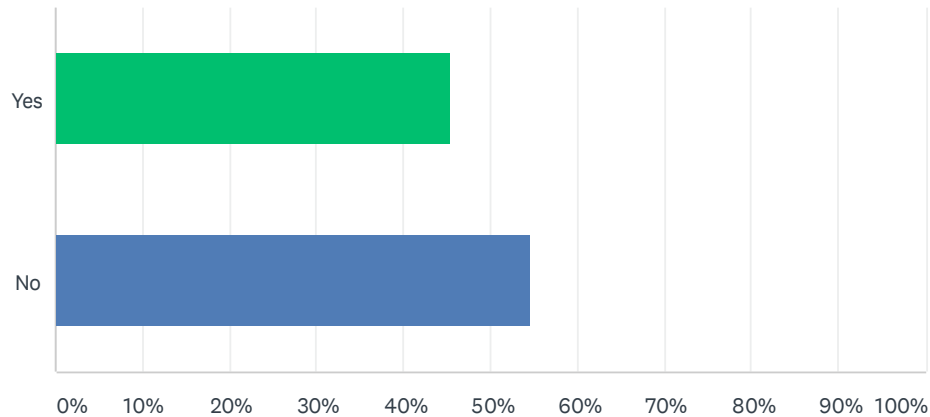
Answered: 11 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	81.82%	9
No	18.18%	2
TOTAL		11

## Q6 Do your facilities provide sheltering services during hazard events?

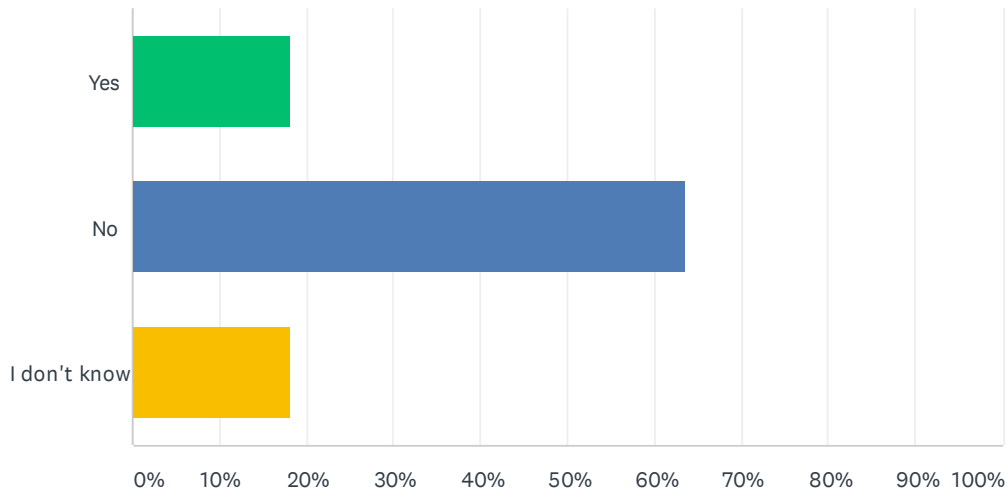
Answered: 11 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	45.45%	5
No	54.55%	6
TOTAL		11

## Q7 Do you believe that your facilities and associated infrastructure are disaster-resistant, or capable of withstanding a natural disaster (e.g. are properly located and constructed, and have back-up power as appropriate)?

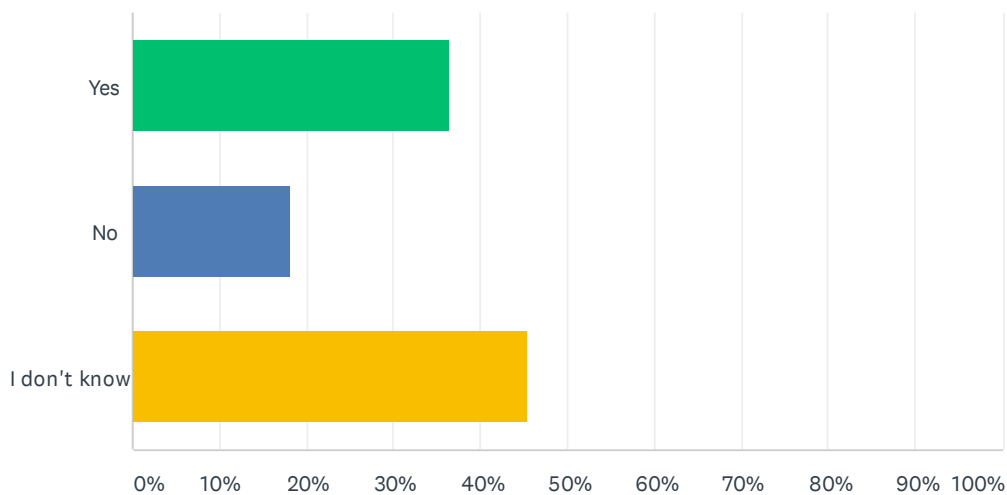
Answered: 11 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	18.18%	2
No	63.64%	7
I don't know	18.18%	2
TOTAL		11

**Q8 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards?**

Answered: 11 Skipped: 0

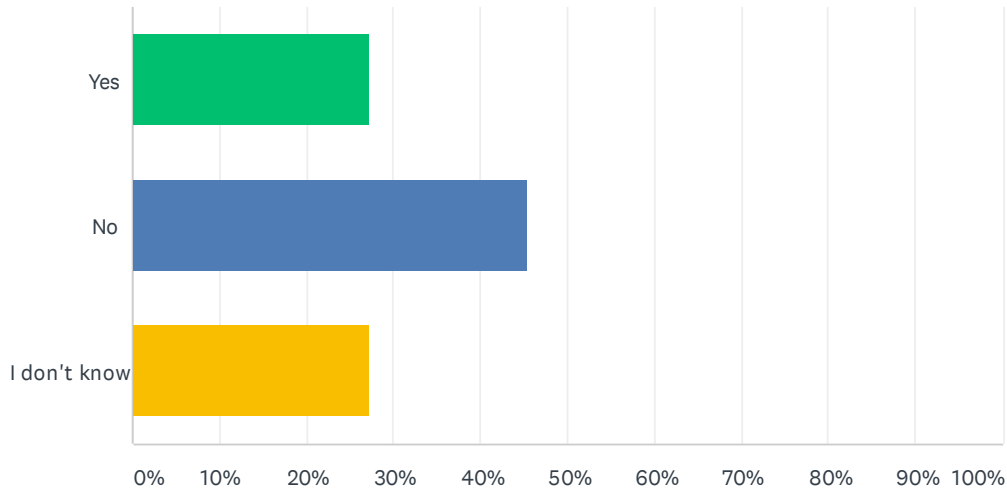


ANSWER CHOICES	RESPONSES	
Yes	36.36%	4
No	18.18%	2
I don't know	45.45%	5
TOTAL		11

**Q9 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your academic functions during and after hazard events?**

Answered: 11 Skipped: 0

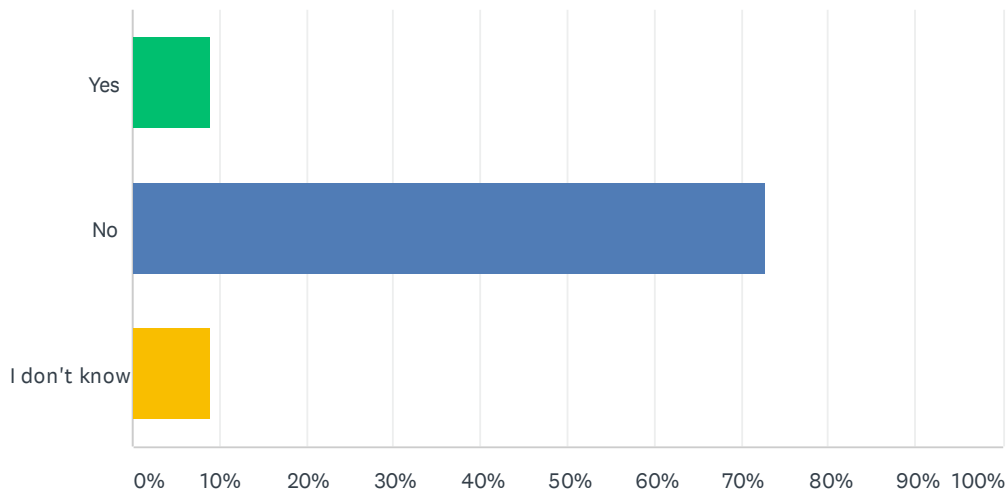
# Morris County Hazard Mitigation Plan - Academia Survey



ANSWER CHOICES	RESPONSES	
Yes	27.27%	3
No	45.45%	5
I don't know	27.27%	3
TOTAL		11

**Q10 If your facilities are American Red Cross designated shelters, do you believe they are adequately designed and equipped to support sheltering during and after hazard events? Do your facilities have generator capabilities to support the American Red Cross shelter?**

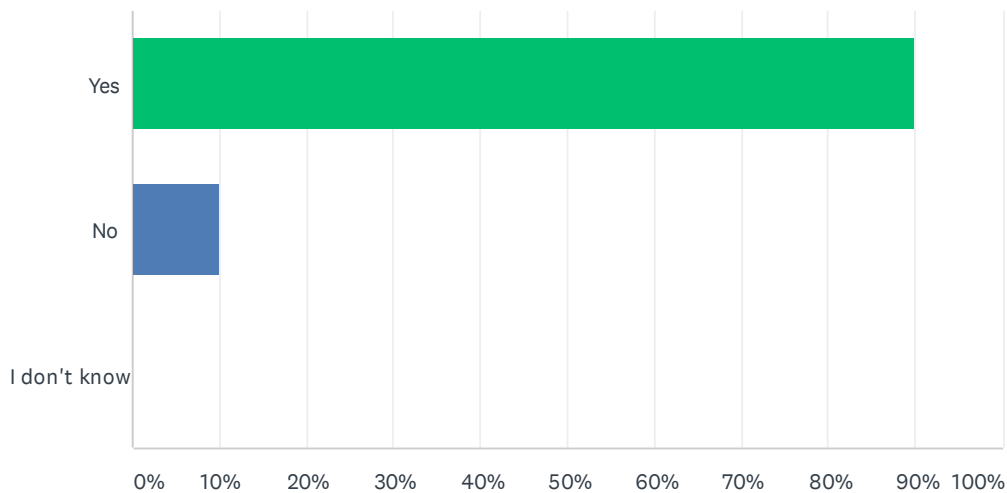
Answered: 11 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	9.09%	1
No	72.73%	8
I don't know	9.09%	1
TOTAL		11

**Q11 Do you think that weather forecasts and announcements of road closures and pending road closures are sufficiently accurate and available to support your institution's operation and student transportation decisions in the event of hazard events?**

Answered: 10 Skipped: 1

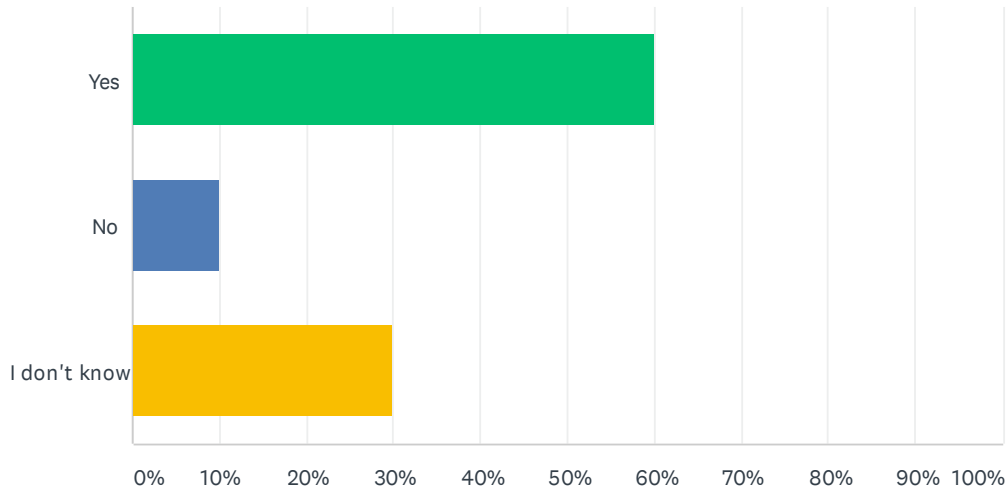


ANSWER CHOICES	RESPONSES	
Yes	90.00%	9
No	10.00%	1
I don't know	0.00%	0
TOTAL		10

**Q12 Do you believe that emergency response planning, services, and equipment are capable of managing and responding properly to disasters in your community?**

Answered: 10 Skipped: 1

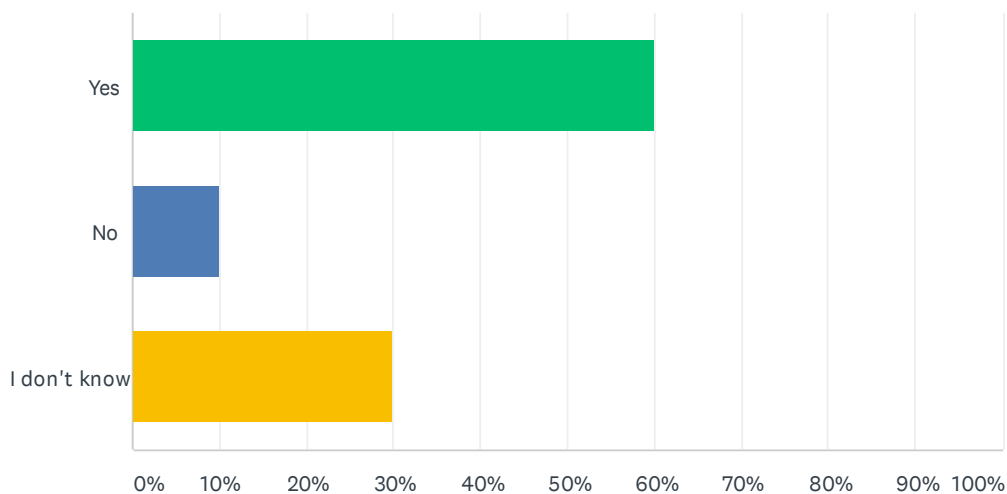
## Morris County Hazard Mitigation Plan - Academia Survey



ANSWER CHOICES	RESPONSES	
Yes	60.00%	6
No	10.00%	1
I don't know	30.00%	3
TOTAL		10

**Q13 Do you believe that local government understands, supports, and possesses adequate resources for hazard risk reduction efforts in the community?**

Answered: 10 Skipped: 1

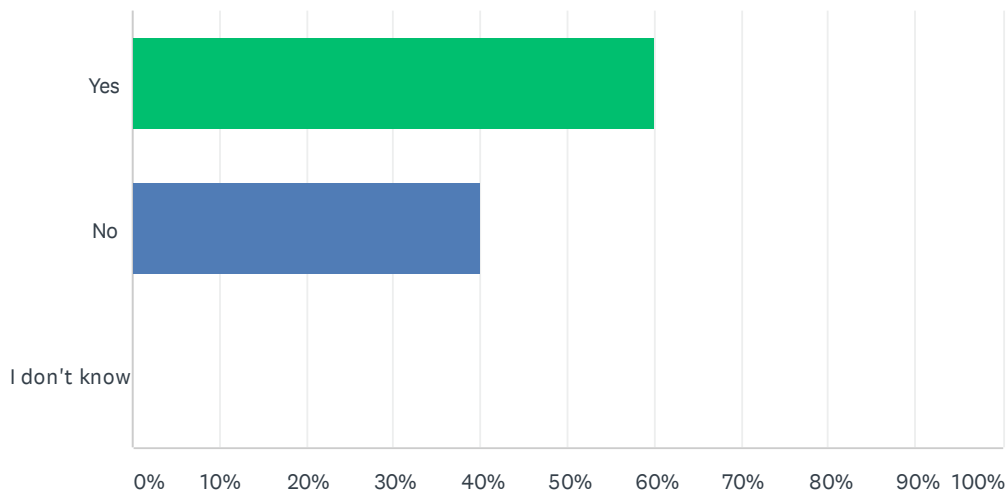




ANSWER CHOICES	RESPONSES
Yes	60.00% 6
No	10.00% 1
I don't know	30.00% 3
TOTAL	10

**Q14 Is your institution covered by a Continuity of Operations (COOP) Plan? COOP plans examine an institution's ability to perform minimum essential functions during any situation, and support the continuance of institution functions.**

Answered: 10 Skipped: 1



ANSWER CHOICES	RESPONSES
Yes	60.00% 6
No	40.00% 4
I don't know	0.00% 0
TOTAL	10

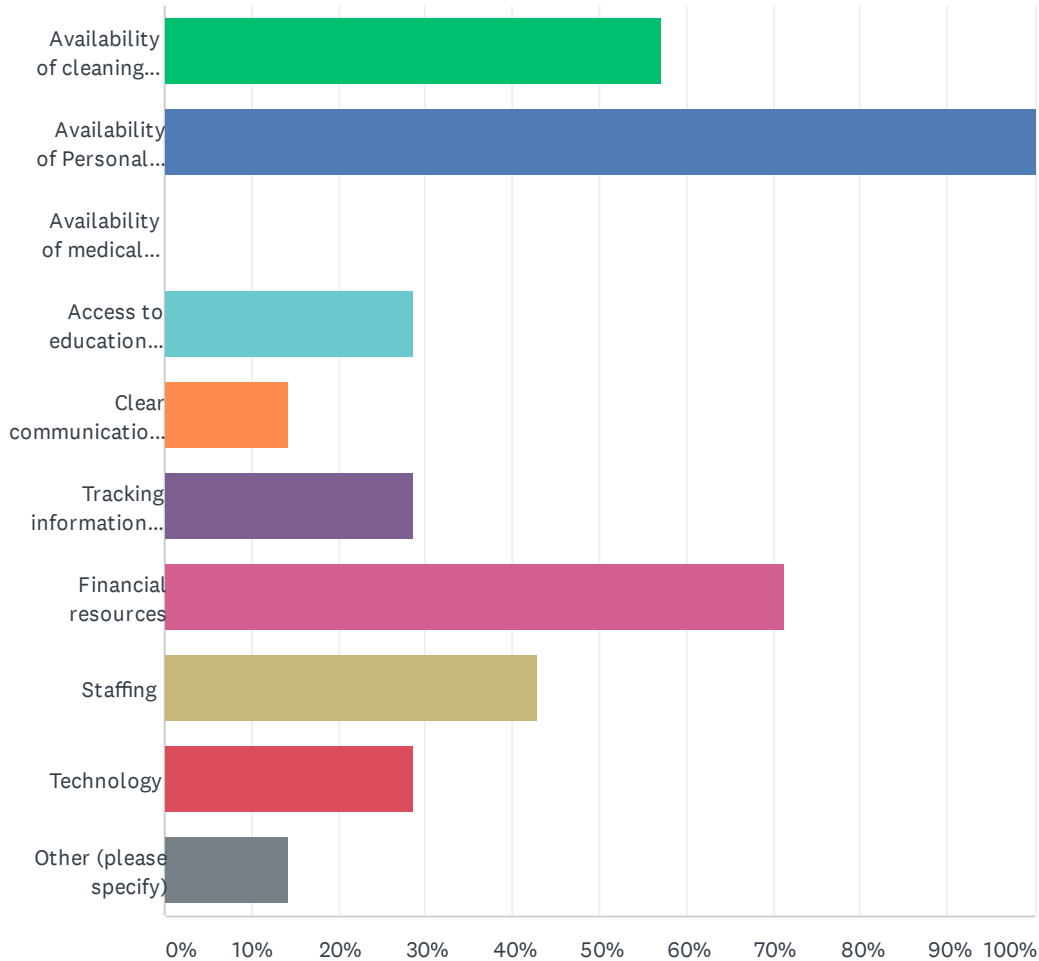
**Q15 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service to hazard events?**

Answered: 7 Skipped: 4

**Q16 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one):**

# Morris County Hazard Mitigation Plan - Academia Survey

Answered: 7 Skipped: 4

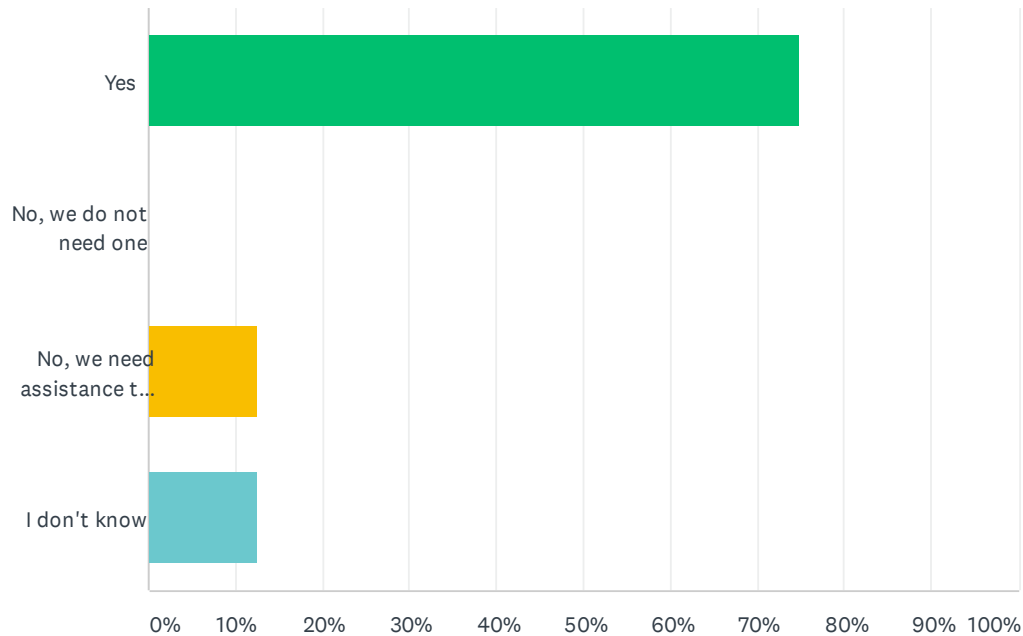


ANSWER CHOICES	RESPONSES	
Availability of cleaning supplies	57.14%	4
Availability of Personal Protective Equipment (e.g., gloves, masks)	100.00%	7
Availability of medical support	0.00%	0
Access to education materials and signage	28.57%	2
Clear communication from local government	14.29%	1
Tracking information related to the pandemic	28.57%	2
Financial resources	71.43%	5
Staffing	42.86%	3
Technology	28.57%	2
Other (please specify)	14.29%	1
Total Respondents: 7		

**Q17 Do you have an emergency plan and/or business continuity plan that includes pandemic?**

# Morris County Hazard Mitigation Plan - Academia Survey

Answered: 8 Skipped: 3

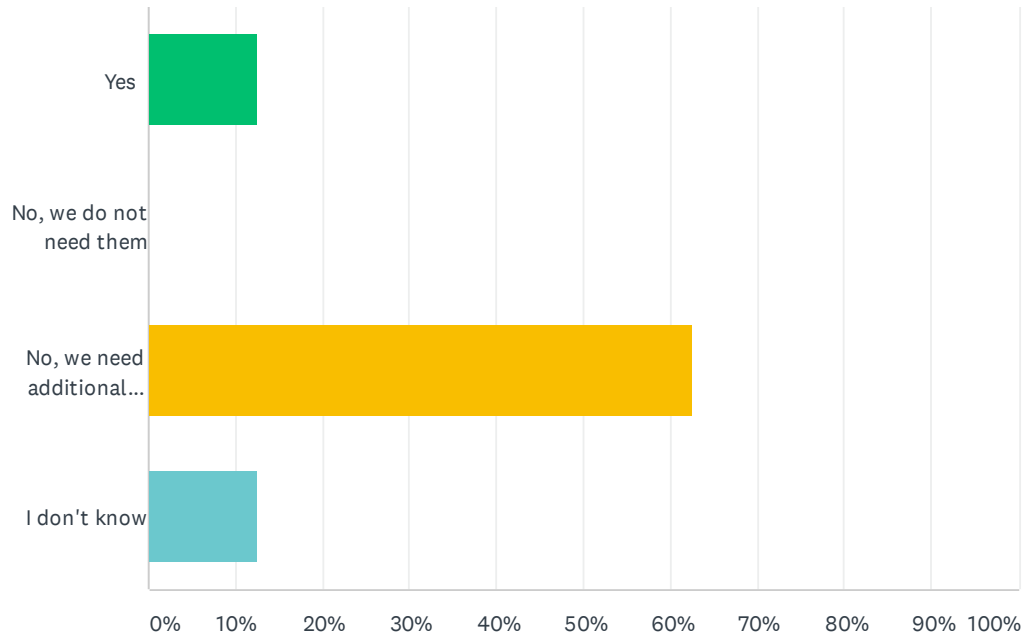


ANSWER CHOICES	RESPONSES	
Yes	75.00%	6
No, we do not need one	0.00%	0
No, we need assistance to develop one	12.50%	1
I don't know	12.50%	1
Total Respondents: 8		

**Q18 Do you have procedures/protocols in place to return back to standard operations after this pandemic (i.e., cleaning protocol, cleaning frequency, limitations on occupancy of gathering areas)?**

Answered: 8 Skipped: 3

## Morris County Hazard Mitigation Plan - Academia Survey

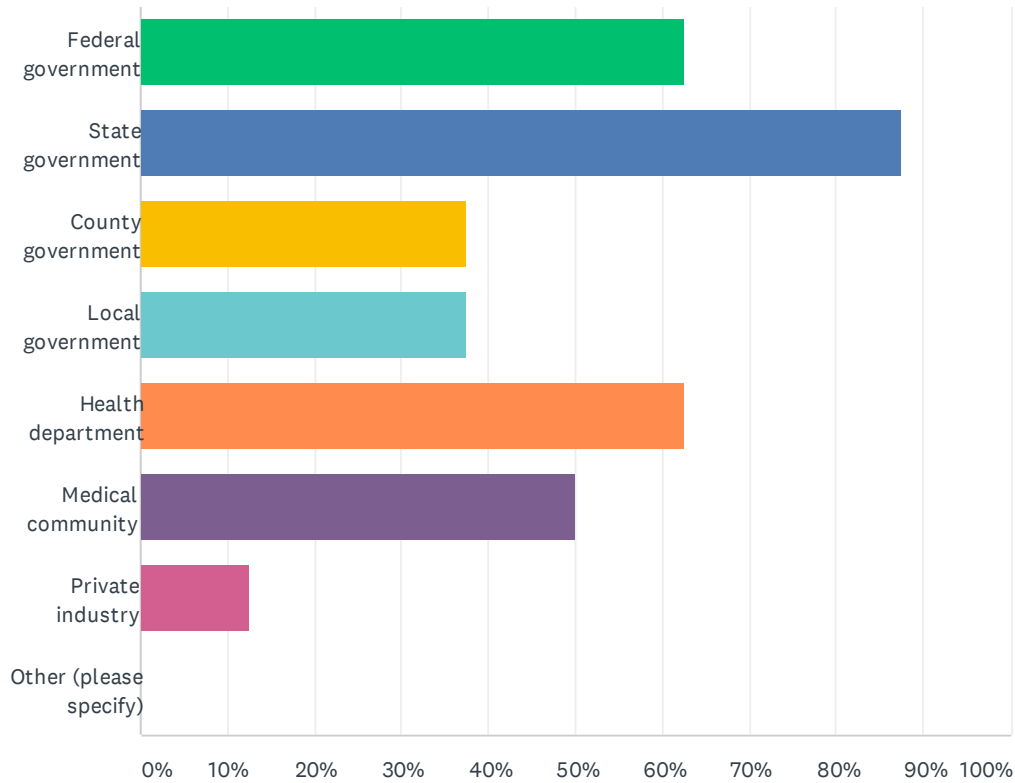


ANSWER CHOICES	RESPONSES	
Yes	12.50%	1
No, we do not need them	0.00%	0
No, we need additional assistance	62.50%	5
I don't know	12.50%	1
Total Respondents: 8		

**Q19 From where do you need additional guidance and support in responding to and supporting all aspects of the COVID-19 pandemic?**

Answered: 8 Skipped: 3

## Morris County Hazard Mitigation Plan - Academia Survey



ANSWER CHOICES	RESPONSES	
Federal government	62.50%	5
State government	87.50%	7
County government	37.50%	3
Local government	37.50%	3
Health department	62.50%	5
Medical community	50.00%	4
Private industry	12.50%	1
Other (please specify)	0.00%	0
Total Respondents: 8		

**Q20 What additional resources do you need to better prepare for the next event?**

Answered: 6 Skipped: 5

**Q21 Do you have any other comments, questions, or concerns?**

Answered: 4 Skipped: 7

## Q1 Name of your Business:

Answered: 11 Skipped: 0

## Q2 Name of Respondent:

Answered: 10 Skipped: 1

## Q3 Contact information (email address or phone number) - optional:

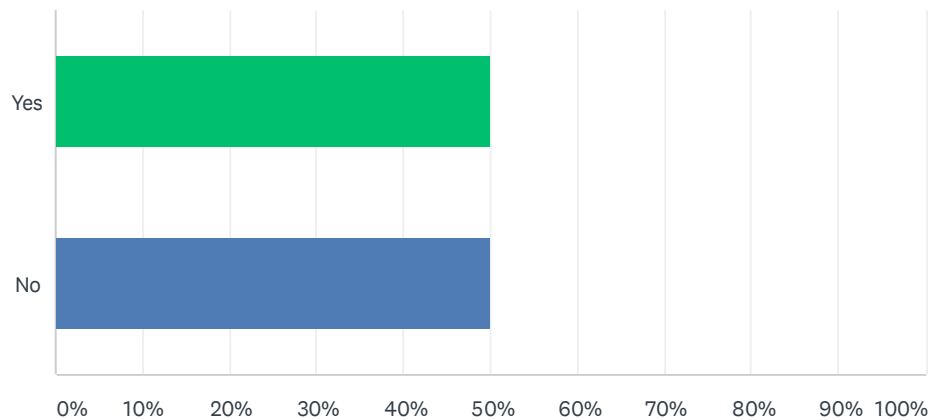
Answered: 10 Skipped: 1

## Q4 Please identify the location of your facility(ies) and or primary service area:

Answered: 10 Skipped: 1

## Q5 Has your business been impacted by hazard events (damaged, closed for extended periods, etc.)?

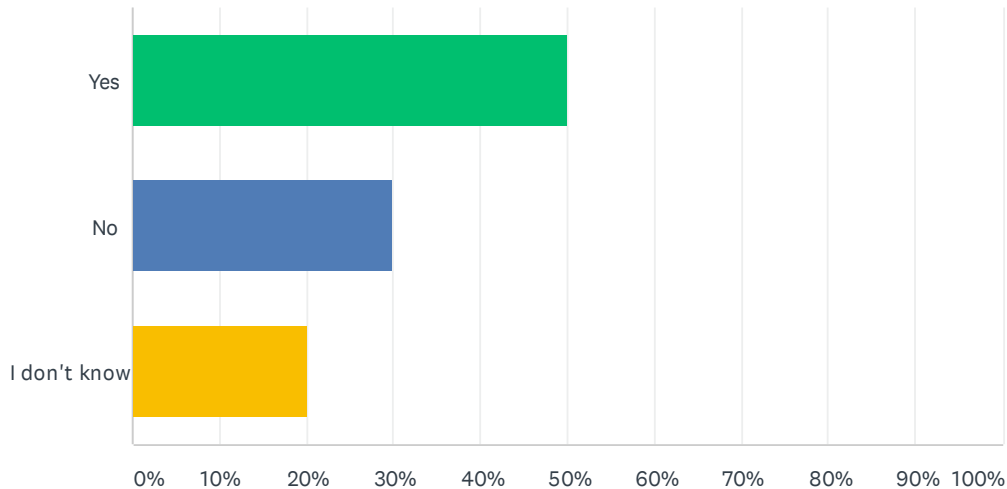
Answered: 10 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	50.00%	5
No	50.00%	5
TOTAL		10

**Q6 Do you believe that your facilities are disaster-resistant, or capable of withstanding a disaster (e.g. are properly located and constructed, and have back-up power as appropriate)?**

Answered: 10 Skipped: 1

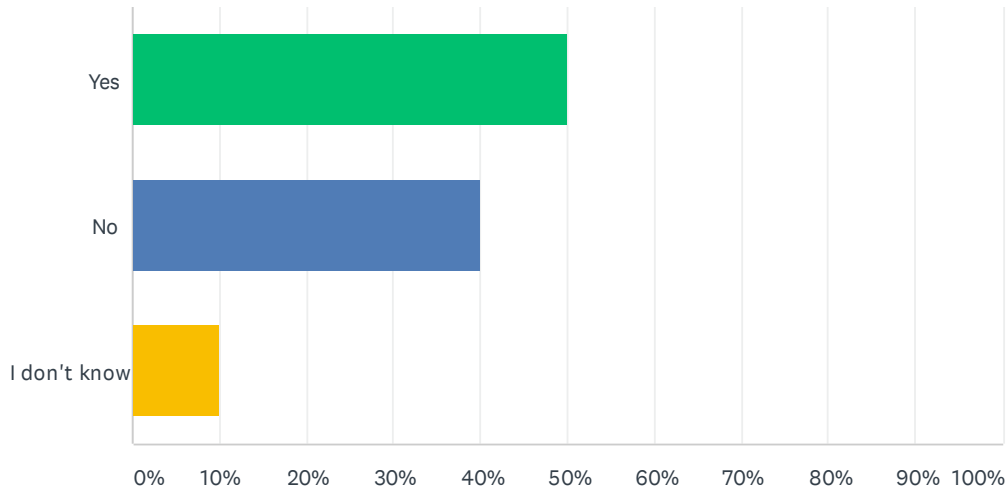


ANSWER CHOICES	RESPONSES	
Yes	50.00%	5
No	30.00%	3
I don't know	20.00%	2
TOTAL		10

**Q7 Do you think that the transportation infrastructure serving your facilities (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to hazard events, and thus provides longterm support for your business and commerical needs?**

Answered: 10 Skipped: 1

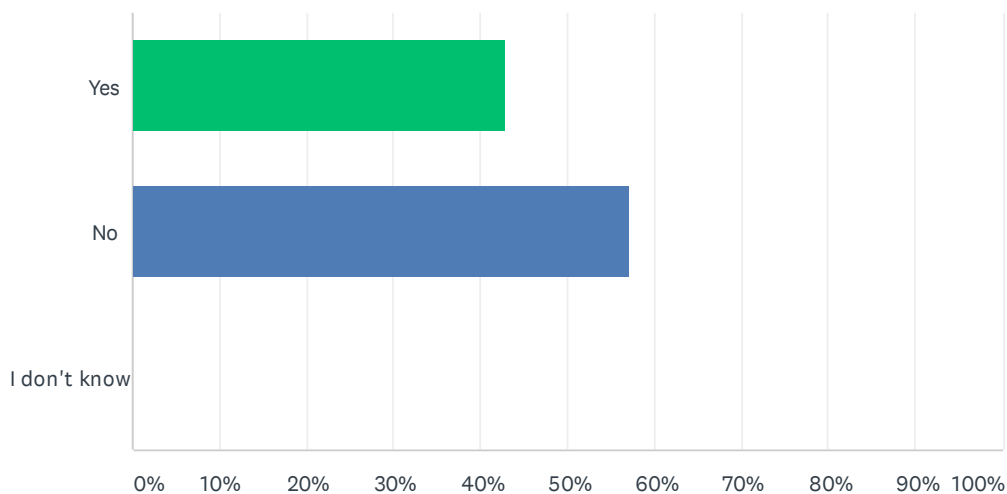
## Morris County Hazard Mitigation Plan - Business/Commerce Survey



ANSWER CHOICES	RESPONSES	
Yes	50.00%	5
No	40.00%	4
I don't know	10.00%	1
TOTAL		10

**Q8 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster-resistant to support your business and commercial needs?**

Answered: 7 Skipped: 4

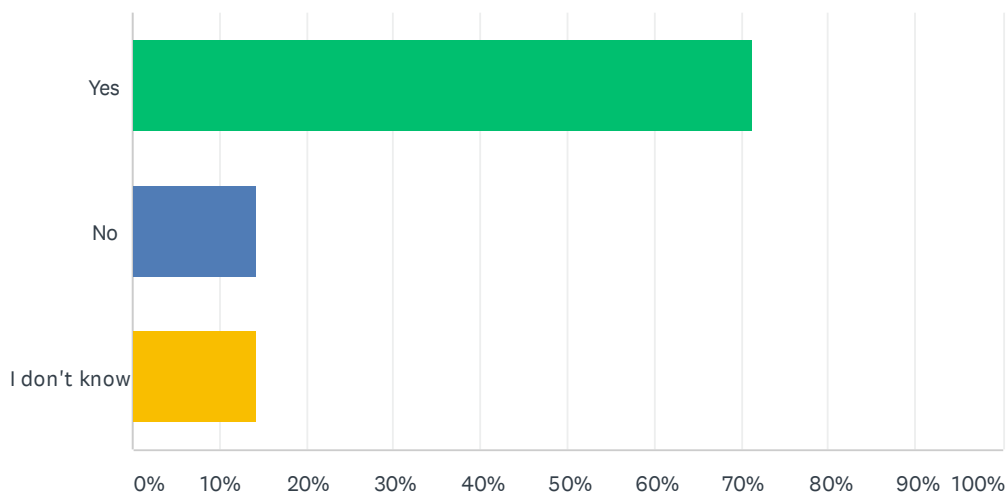




ANSWER CHOICES	RESPONSES	
Yes	42.86%	3
No	57.14%	4
I don't know	0.00%	0
TOTAL		7

### Q9 Do you believe that natural hazard risks (e.g. flood zones, wildfire risk zones) are considered when developing or expanding commercial or industrial areas?

Answered: 7 Skipped: 4

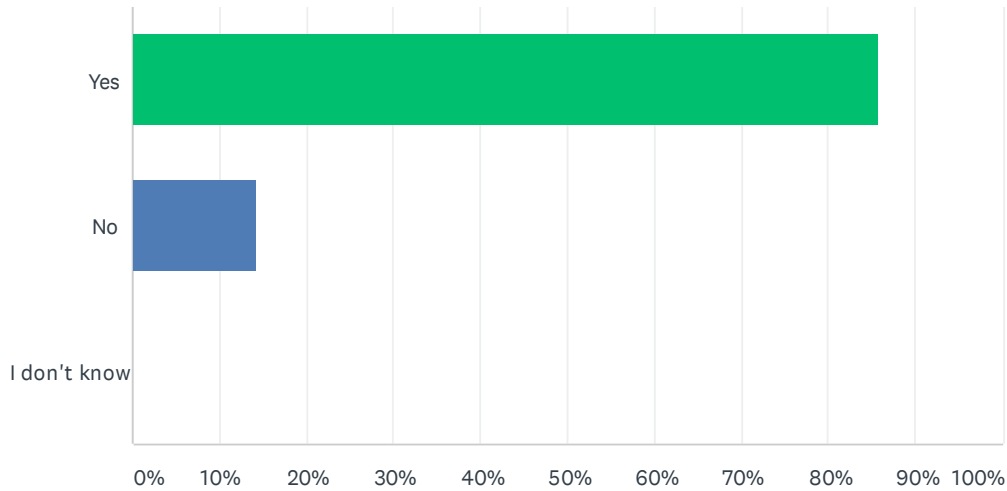


ANSWER CHOICES	RESPONSES	
Yes	71.43%	5
No	14.29%	1
I don't know	14.29%	1
TOTAL		7

### Q10 Do you believe that business organizations/associations, chambers of commerce, etc., are a valuable resource in helping business owners protect themselves pre-disaster, and/or recover post-disaster?

Answered: 7 Skipped: 4

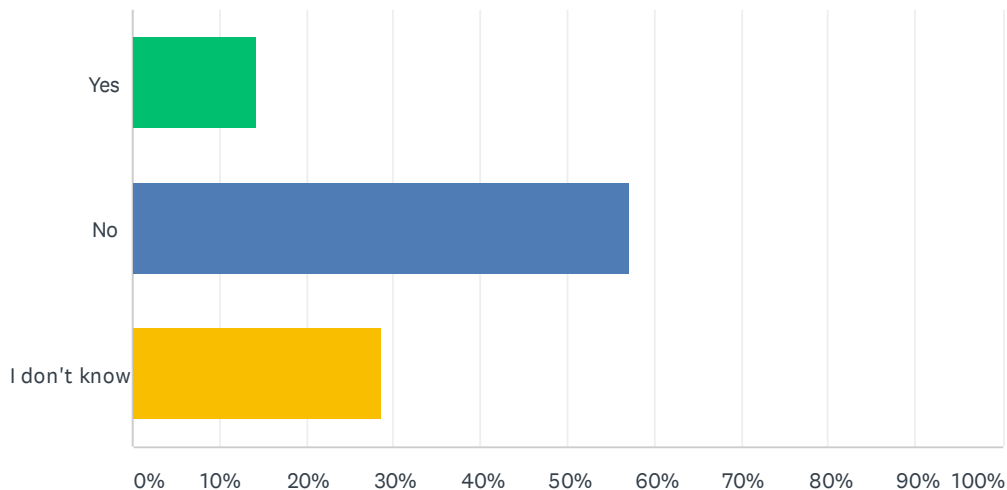
# Morris County Hazard Mitigation Plan - Business/Commerce Survey



ANSWER CHOICES	RESPONSES	
Yes	85.71%	6
No	14.29%	1
I don't know	0.00%	0
TOTAL		7

Q11 Do you believe that businesses are aware and take appropriate advantage of flood insurance and other risk management resources and programs to help protect them from losses, as well as to support recovery from disasters?

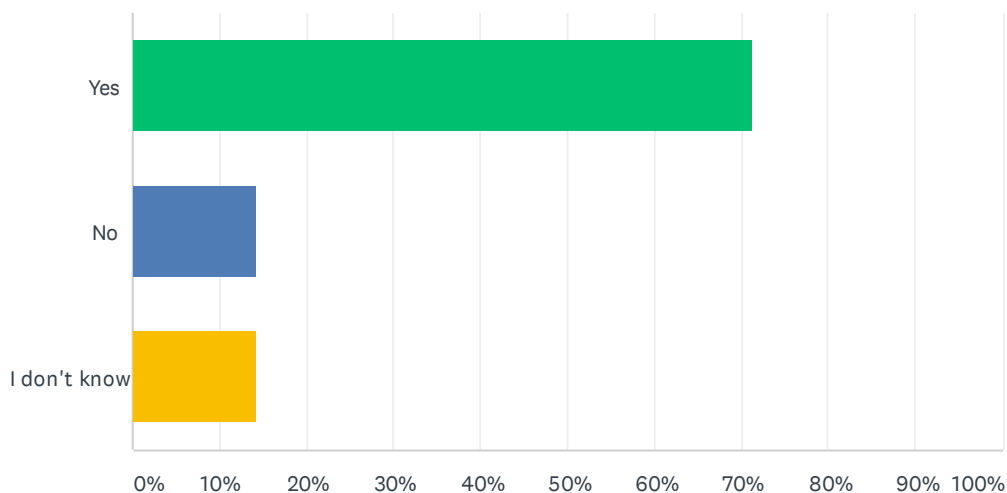
Answered: 7 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	14.29%	1
No	57.14%	4
I don't know	28.57%	2
TOTAL		7

**Q12 Do you believe that emergency planning, services, and equipment are adequate to manage and respond properly to disasters that may impact your business or commercial interests?**

Answered: 7 Skipped: 4

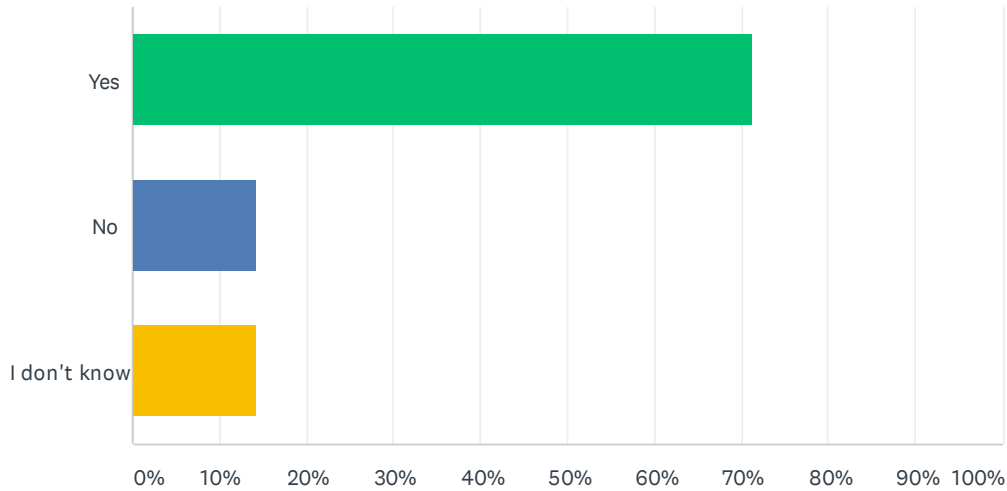


ANSWER CHOICES	RESPONSES	
Yes	71.43%	5
No	14.29%	1
I don't know	14.29%	1
TOTAL		7

**Q13 Do you believe that local government understands, supports, and possesses adequate resources for hazard risk reduction efforts in the community?**

Answered: 7 Skipped: 4

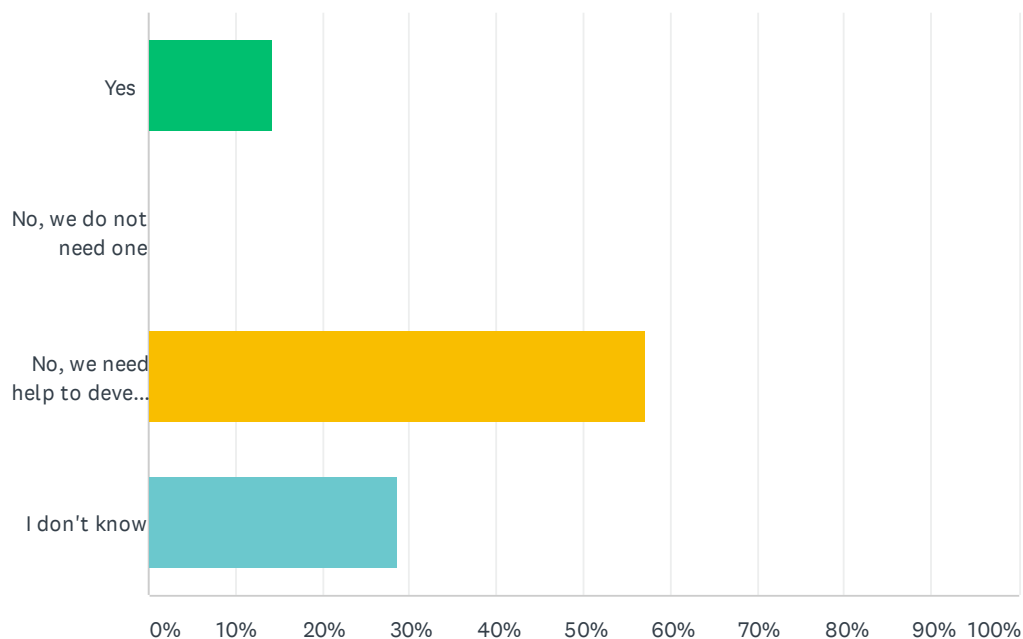
# Morris County Hazard Mitigation Plan - Business/Commerce Survey



ANSWER CHOICES	RESPONSES	
Yes	71.43%	5
No	14.29%	1
I don't know	14.29%	1
TOTAL		7

**Q14 Is your business covered by a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine an business's ability to perform minimum essential functions during any situation. COOP activities support the continuance of business functions, while COG activities support the continuance of business governance.**

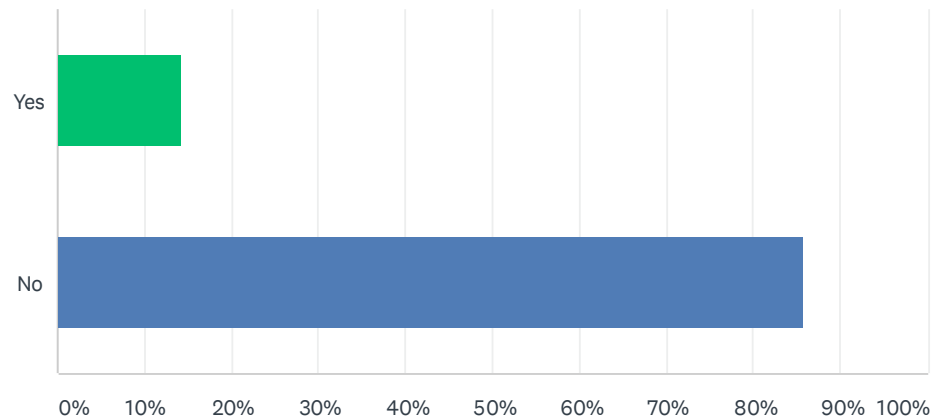
Answered: 7 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	14.29%	1
No, we do not need one	0.00%	0
No, we need help to develop one	57.14%	4
I don't know	28.57%	2
TOTAL		7

## Q15 Do you test or drill your COOP?

Answered: 7 Skipped: 4

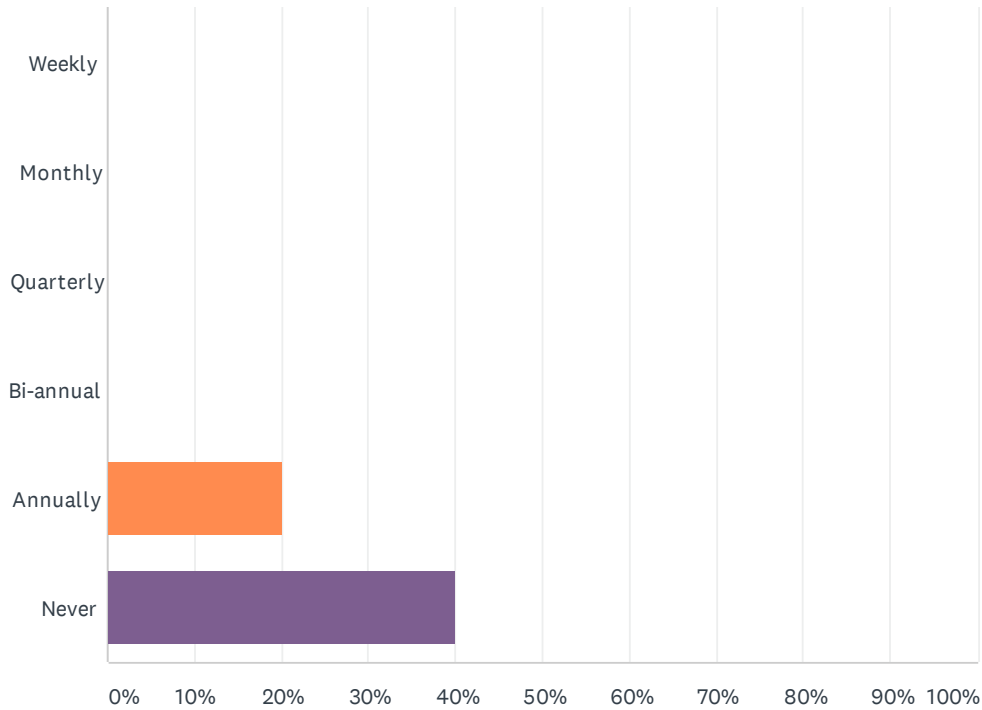


ANSWER CHOICES	RESPONSES	
Yes	14.29%	1
No	85.71%	6
TOTAL		7

## Q16 If you have a COOP, how often is the plan updated, reviewed and/or revised?

Answered: 5 Skipped: 6

# Morris County Hazard Mitigation Plan - Business/Commerce Survey



ANSWER CHOICES	RESPONSES	
Weekly	0.00%	0
Monthly	0.00%	0
Quarterly	0.00%	0
Bi-annual	0.00%	0
Annually	20.00%	1
Never	40.00%	2
TOTAL		5

**Q17 Based upon past experiences with disasters, what do you believe is needed to assist you in continuing your business/organization operations during disasters? Please be as specific as possible.**

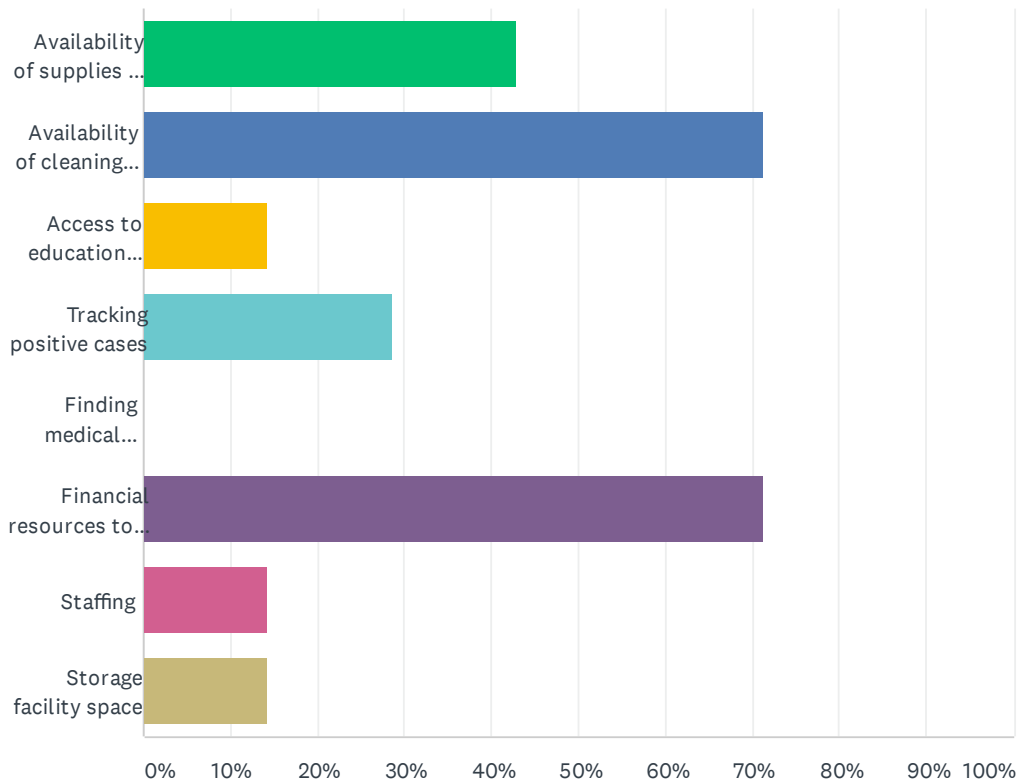
Answered: 7 Skipped: 4

**Q18 Can you identify projects or programs that will reduce your facility's vulnerability to damages and losses, including loss of operation/service, to hazard events?**

Answered: 5 Skipped: 6

## Q19 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one).

Answered: 7 Skipped: 4

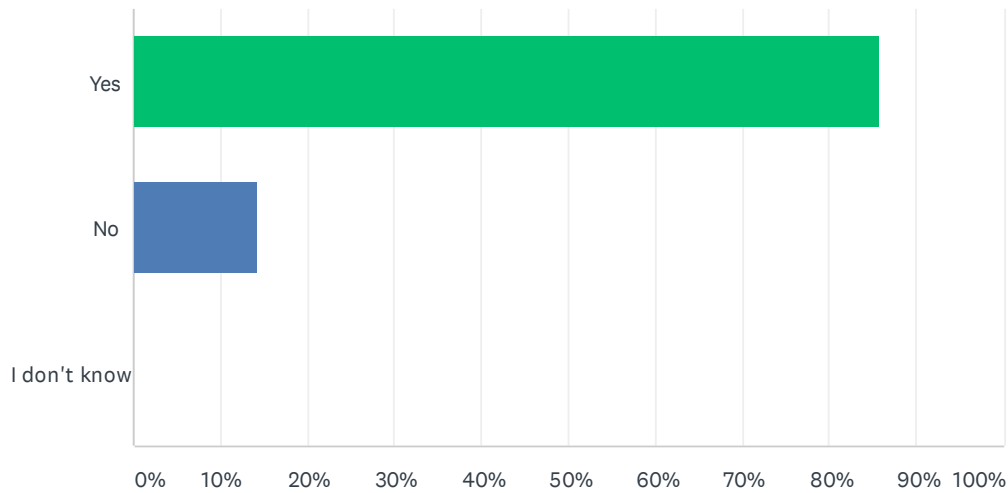


ANSWER CHOICES	RESPONSES	
Availability of supplies and personal protective equipment (PPE)	42.86%	3
Availability of cleaning supplies	71.43%	5
Access to education materials and signage for your establishment	14.29%	1
Tracking positive cases	28.57%	2
Finding medical professionals and support	0.00%	0
Financial resources to support your business daily operations and additional COVID-19 related demands	71.43%	5
Staffing	14.29%	1
Storage facility space	14.29%	1
Total Respondents: 7		

## Q20 Do you have procedures/protocols in place to return back to standard operations after this pandemic (i.e., cleaning protocols, cleaning frequency, occupancy limits)?

Answered: 7 Skipped: 4

# Morris County Hazard Mitigation Plan - Business/Commerce Survey



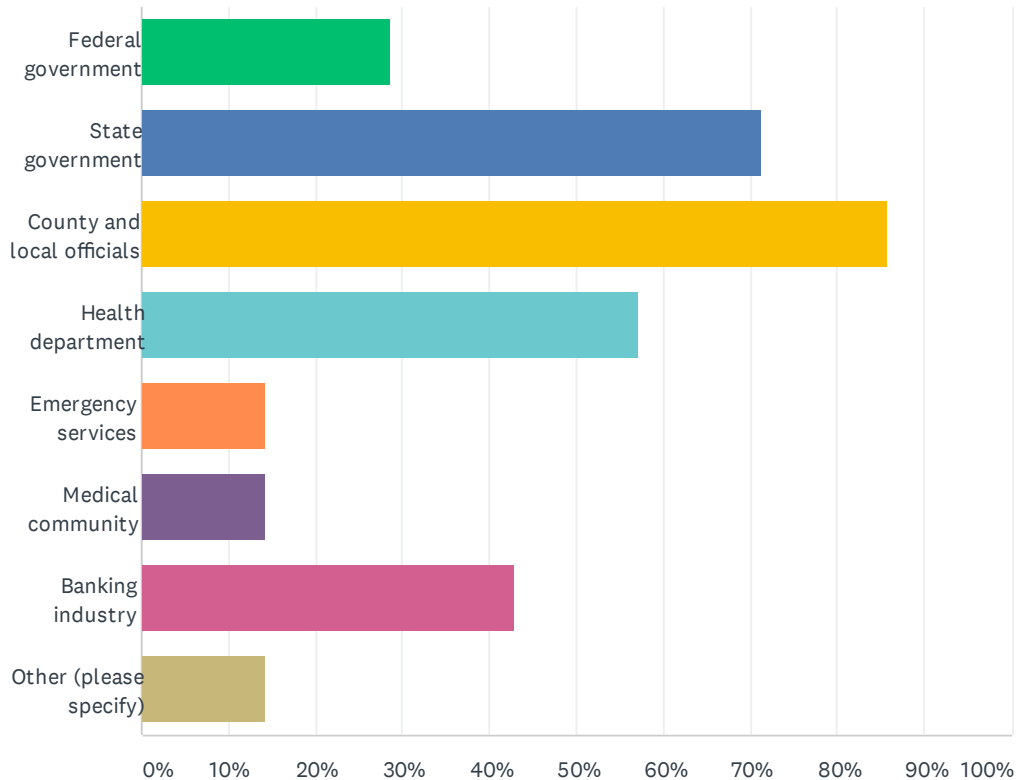
ANSWER CHOICES	RESPONSES	
Yes	85.71%	6
No	14.29%	1
I don't know	0.00%	0
Total Respondents: 7		

**Q21 From where do you need additional guidance and support in responding to and supporting all aspects of the COVID-19 pandemic?  
Please specify what is needed in 'Other'.**

Answered: 7   Skipped: 4



## Morris County Hazard Mitigation Plan - Business/Commerce Survey



ANSWER CHOICES	RESPONSES	
Federal government	28.57%	2
State government	71.43%	5
County and local officials	85.71%	6
Health department	57.14%	4
Emergency services	14.29%	1
Medical community	14.29%	1
Banking industry	42.86%	3
Other (please specify)	14.29%	1
Total Respondents: 7		

**Q22 What additional resources do you need to better prepare for the next event?**

Answered: 6 Skipped: 5

**Q23 Do you have any other comments, questions, or concerns?**

Answered: 4 Skipped: 7

Q1 Name of your Municipal Department or Transportation Agency:

Answered: 5 Skipped: 0

Q2 Name of respondent:

Answered: 5 Skipped: 0

Q3 Contact information (email address or phone number) - optional:

Answered: 5 Skipped: 0

Q4 Please identify the services you normally provide. Of these services, please identify which services you believe are essential services that must be provided prior to, during, and after a disaster in order to protect public safety and health.

Answered: 5 Skipped: 0

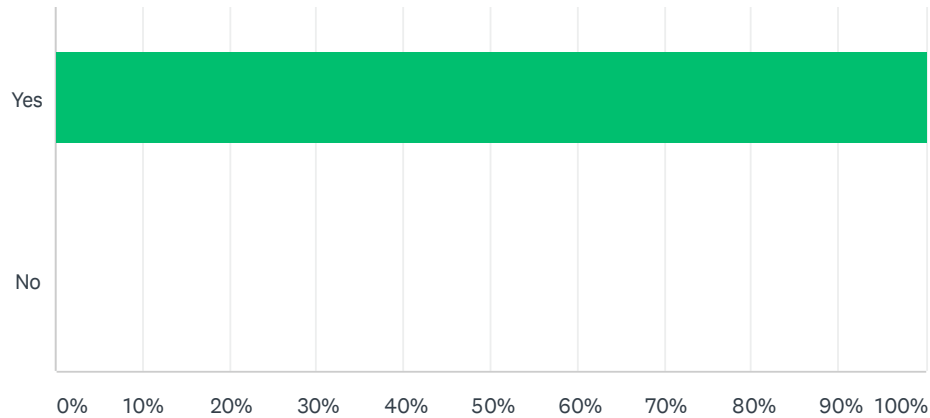
Q5 Please identify the location of your facility(ies) and or primary service area.

Answered: 5 Skipped: 0

Q6 Has your department, or the facilities you are responsible to maintain (buildings, roads, bridges, water/sewer plants, etc.) been impacted by natural hazard events (damaged, closed for extended periods, etc.)?

Answered: 5 Skipped: 0

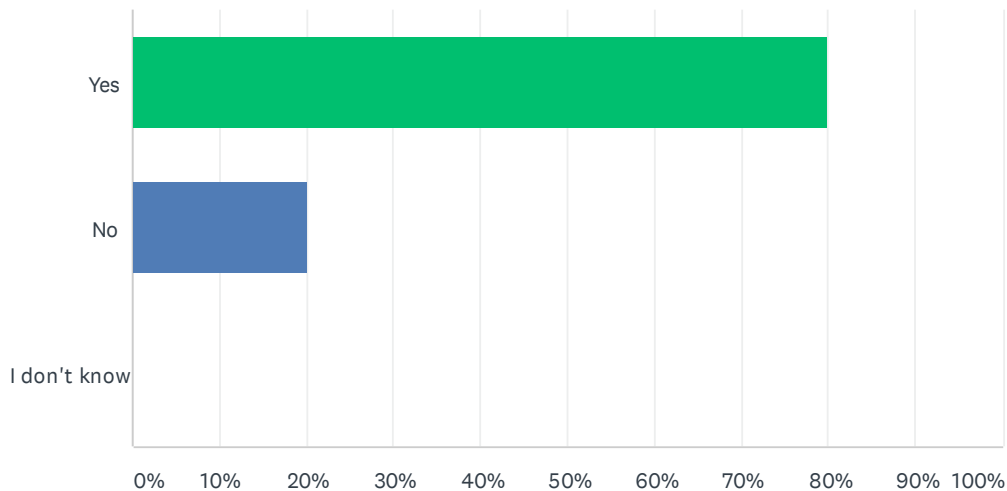
# Morris County Hazard Mitigation Plan - Transportation and Public Works Survey



ANSWER CHOICES	RESPONSES	
Yes	100.00%	5
No	0.00%	0
TOTAL		5

**Q7 Do you believe that your facilities are disaster resistant or capable of withstanding a natural disaster (e.g. are properly located and constructed and have back-up power as appropriate)?**

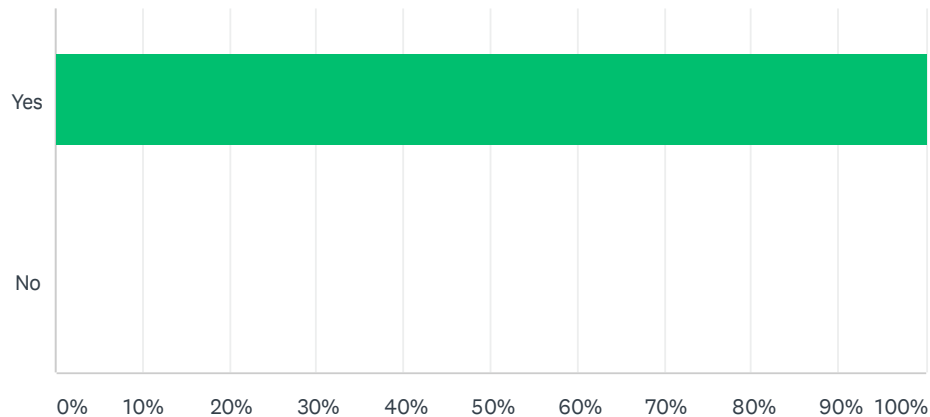
Answered: 5 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	80.00%	4
No	20.00%	1
I don't know	0.00%	0
TOTAL		5

**Q8 Do you think that the transportation infrastructure (e.g. roads and bridges) are properly designed to withstand closures and/or damage due to natural hazards, and thus provides long term support for your community's response and recovery needs?**

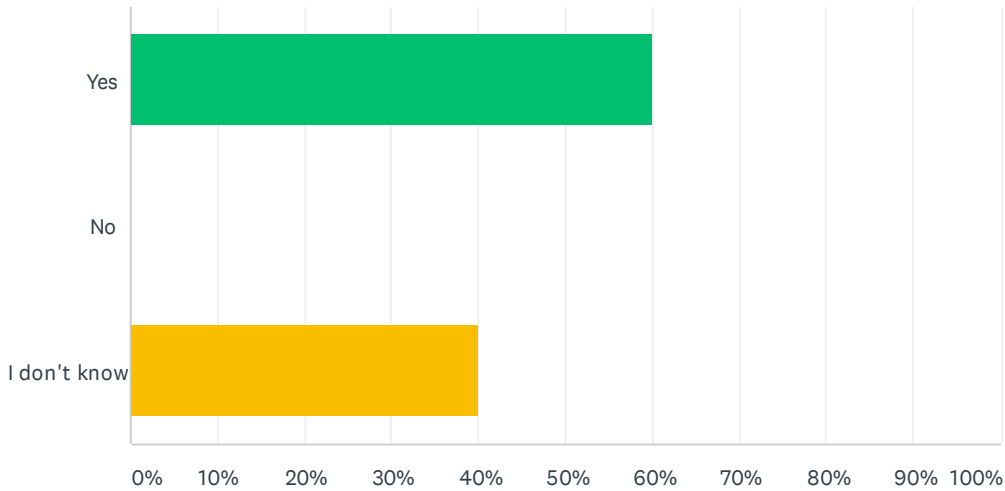
Answered: 5 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	5
No	0.00%	0
TOTAL		5

**Q9 Do you think that the utility infrastructure (specifically electricity and communications) is sufficiently disaster resistant to support your department's ability to maintain operations and support response or recovery efforts?**

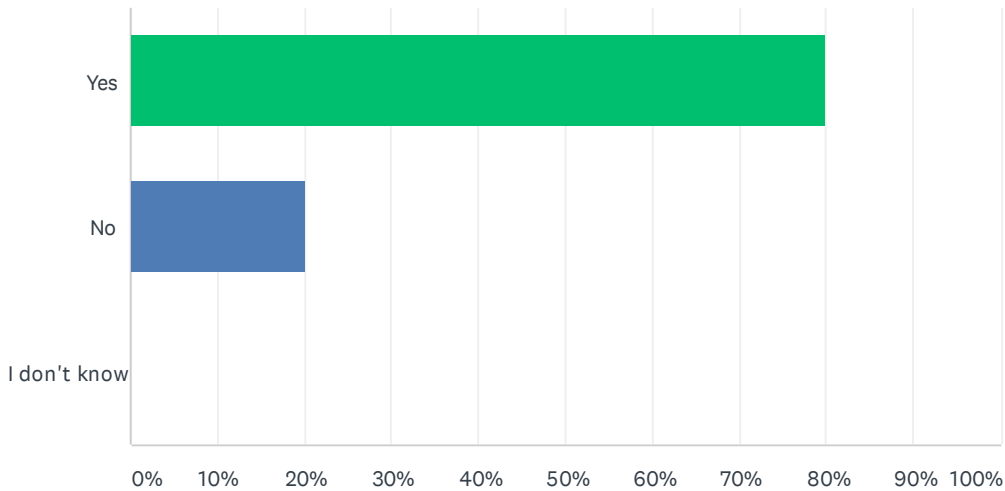
Answered: 5 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	60.00%	3
No	0.00%	0
I don't know	40.00%	2
TOTAL		5

Q10 Do you believe that natural hazard risks (e.g. flood zones, wildfire risk zones) are considered when local authorities consider land development and land use planning?

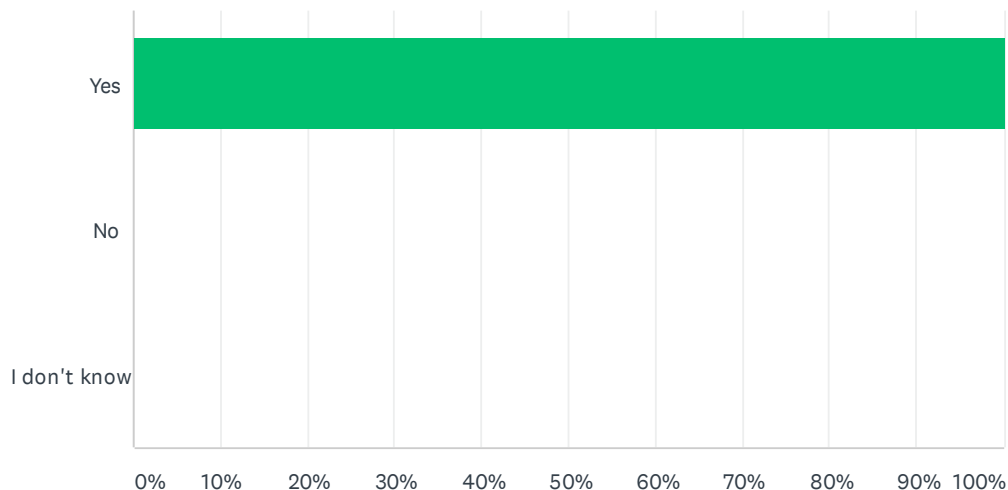
Answered: 5    Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	80.00%	4
No	20.00%	1
I don't know	0.00%	0
TOTAL		5

**Q11 Do you believe that private businesses (construction companies, equipment rental companies, building material supply companies, etc.) are a valuable resource in helping your department perform pre-disaster preparation and/or help in recovery post disaster?**

Answered: 5 Skipped: 0

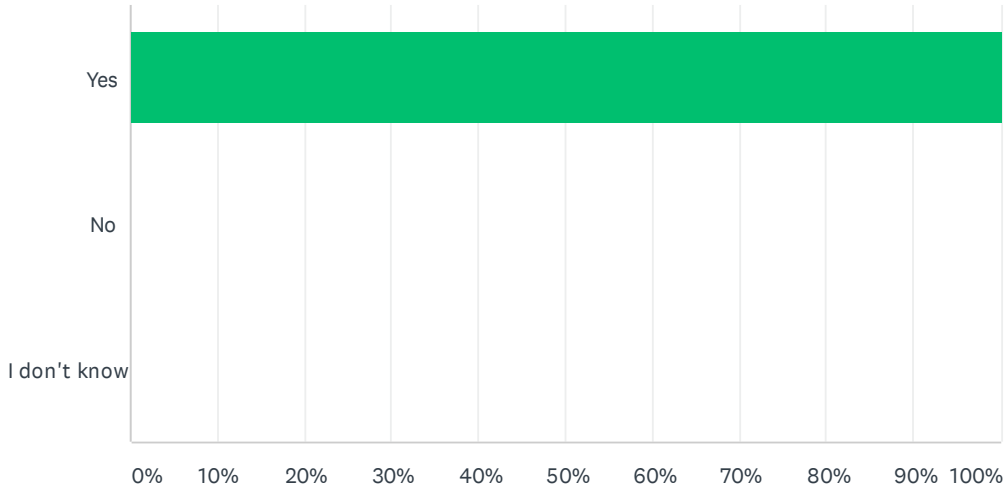


ANSWER CHOICES	RESPONSES	
Yes	100.00%	5
No	0.00%	0
I don't know	0.00%	0
TOTAL		5

**Q12 Does your department have a defined role or responsibility in an existing adopted or draft emergency response plan established for your local municipality?**

Answered: 5 Skipped: 0

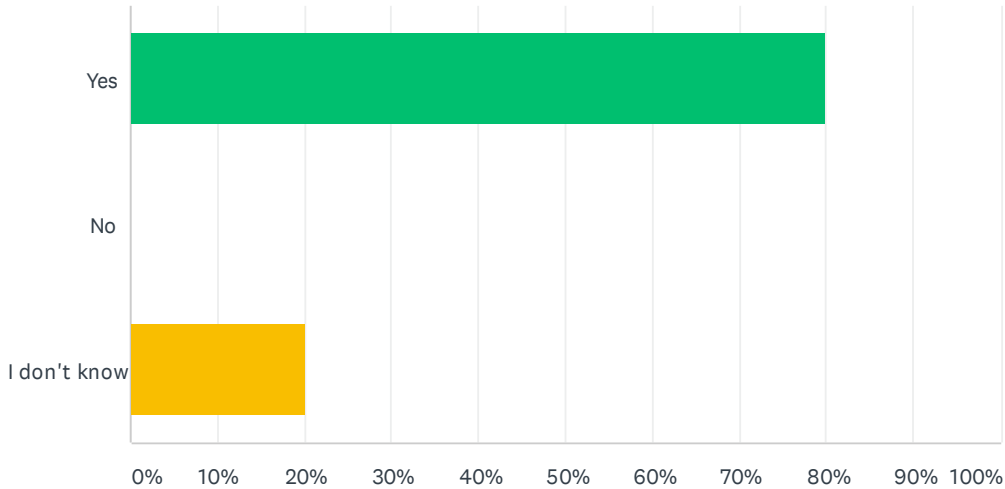
Morris County Hazard Mitigation Plan - Transportation and Public Works Survey



ANSWER CHOICES	RESPONSES	
Yes	100.00%	5
No	0.00%	0
I don't know	0.00%	0
TOTAL		5

Q13 Do you think that local government understands, supports, and possess the resources for natural hazard risk reduction efforts in the community?

Answered: 5    Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	80.00%	4
No	0.00%	0
I don't know	20.00%	1
TOTAL		5

**Q14 Can you identify projects or programs that you have already implemented to reduce your community's vulnerability to infrastructure (roads, public buildings, bridges, water/sewer plants, etc.) damage and losses, including loss of operation/service, to hazard events?**

Answered: 5 Skipped: 0

**Q15 Can you identify projects or programs that you would like to implement to reduce your community's vulnerability to infrastructure (roads, public buildings, bridges, water/sewer plants, etc.) damage and losses, including loss of operation/service, to hazard events?**

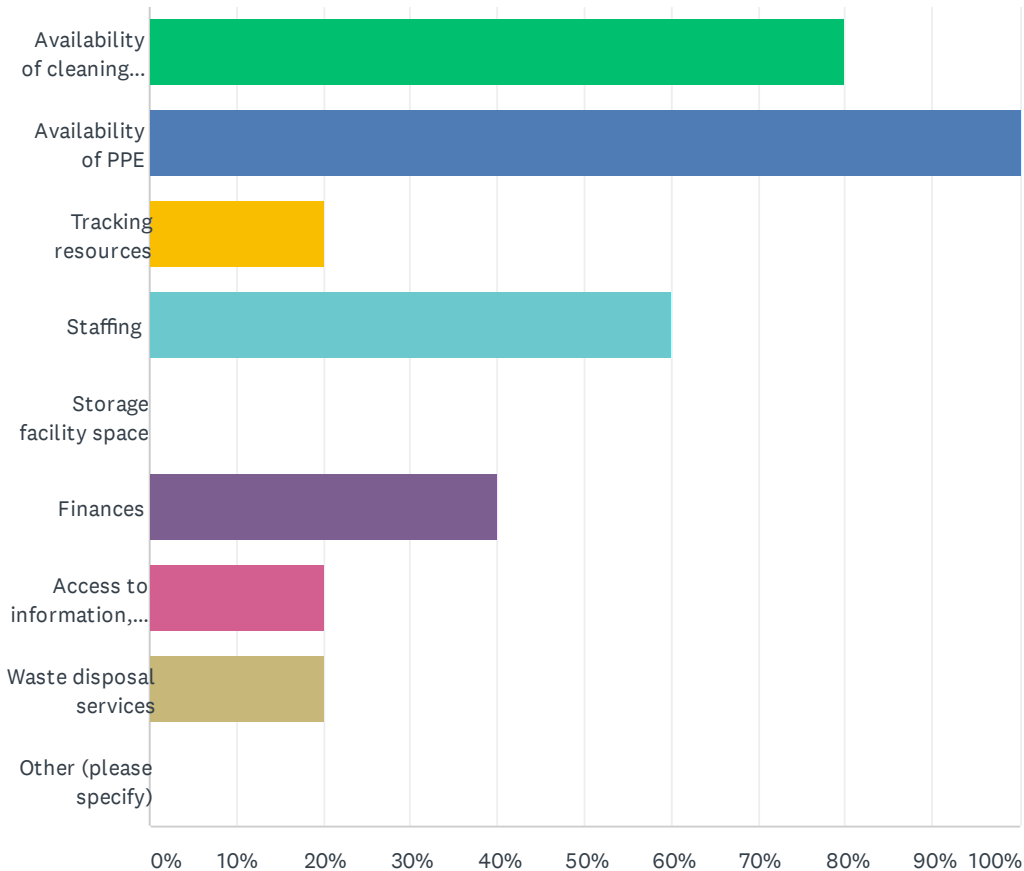
Answered: 5 Skipped: 0

**Q16 Given the current COVID-19 pandemic, please share challenges and obstacles you are facing (you may select more than one).**

Answered: 5 Skipped: 0



# Morris County Hazard Mitigation Plan - Transportation and Public Works Survey

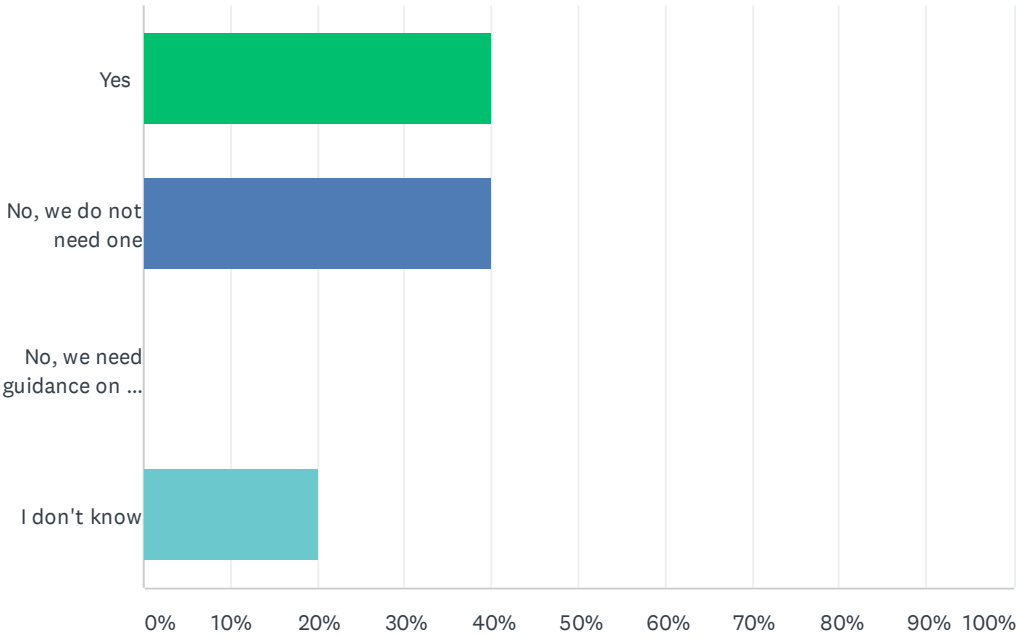


ANSWER CHOICES	RESPONSES	
Availability of cleaning supplies	80.00%	4
Availability of PPE	100.00%	5
Tracking resources	20.00%	1
Staffing	60.00%	3
Storage facility space	0.00%	0
Finances	40.00%	2
Access to information, education materials and/or signage	20.00%	1
Waste disposal services	20.00%	1
Other (please specify)	0.00%	0
Total Respondents: 5		

**Q17 Is your department included within a Continuity of Operations / Continuity of Government (COOP / COG) plan? COOP / COG plans examine a department's ability to perform minimum essential functions during any situation. COOP activities support the continuance of essential functions, while COG activities support the continuance of local government.**

Morris County Hazard Mitigation Plan - Transportation and Public Works Survey

Answered: 5    Skipped: 0

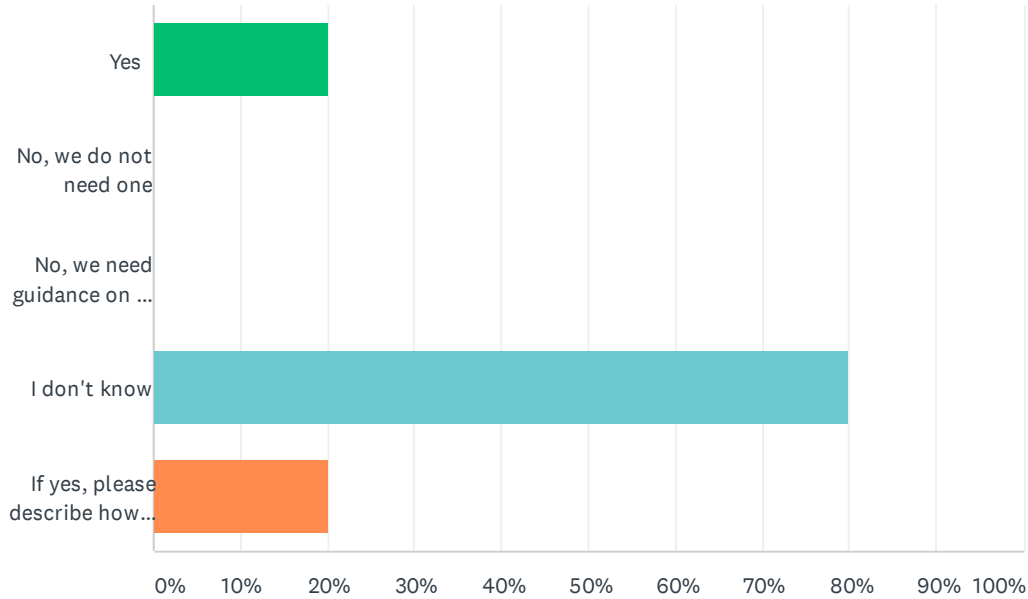


ANSWER CHOICES	RESPONSES	
Yes	40.00%	2
No, we do not need one	40.00%	2
No, we need guidance on how to develop	0.00%	0
I don't know	20.00%	1
TOTAL		5

Q18 Do you have an emergency plan that includes pandemic?

Answered: 5    Skipped: 0

## Morris County Hazard Mitigation Plan - Transportation and Public Works Survey



ANSWER CHOICES	RESPONSES	
Yes	20.00%	1
No, we do not need one	0.00%	0
No, we need guidance on how to develop	0.00%	0
I don't know	80.00%	4
If yes, please describe how often the plan is updated and its effectiveness.	20.00%	1
Total Respondents: 5		

**Q19 What additional resources do you need to better prepare for the next event?**

Answered: 5 Skipped: 0

**Q20 Do you have any other comments, questions, or concerns?**

Answered: 2 Skipped: 3