



APPENDIX B. OUTREACH DOCUMENTATION

Appendix B includes documentation of stakeholder and public outreach conducted during the development of the State of West Virginia Hazard Mitigation Plan.

From: [Reed, Gabriel A](#)
To: [bfarcaas@wvca.us](#); [Sherry L Risk](#); [h.tony.edwards@wv.gov](#); [Kelli R Batch](#); [gabriel.a.reed@wv.gov](#); [Tim W Keaton](#); [Brian M Penix](#); [Nuvia E Villamizar](#); [Whitaker, Al](#); [kurt.donaldson@mail.wvu.edu](#); [eric.hopkins@mail.wvu.edu](#); [maneesh.sharma@mail.wvu.edu](#); [Robert T Martin](#); [Jennifer Pauer](#); [Timothy J Priddy](#); [Kathy L Bowe](#); [Julia A Morton](#); [Kenneth E Tyree](#); [Alexandria R Phares](#); [Lonnie R Bryson](#); [Matthew J Blackwood](#); [delbert.shriver@wv.gov](#); [john.sikora@wv.gov](#); [justin.m.hunt@wv.gov](#); [maryjane.pickens@wv.gov](#); [bob.d.martin@wv.gov](#); [blong@wvdep.org](#); [glenn.jeffries@wvsenate.gov](#); [Jason Roberts](#); [Chris Chiles](#); [emily@wvregion3.org](#); [tjtuggle@reg4wv.org](#); [sheenahunt@regionvi.org](#); [swhitehart@regionvii.com](#); [Dionne Allen](#); [Terry Lively](#); [Rachel Snavelly](#); [Michael Paprocki](#); [fred.rader@movrc.org](#); [Scott Hicks](#); [Steve Allen](#); [rperry@lccwv.us](#); [jenny.gannaway@wvvoad.org](#); [Garnett, Casey](#); [tony.edwards@noaa.gov](#); [randyc@irh.usace.army.mil](#); [richard.g.drum@irh01.usace.army.mil](#); [Paula Brown](#); [Subbio, Tony](#); [Tate, JaLeesa](#); [GE McCabe](#); [Shane Whitehair](#); [Kathy Elliott](#); [Sheena Hunt](#); [John Tuggle](#); [Sheena.hunt@regionvi.com](#); [sheena.hunt@regionvi.org](#); [swhitehair@regionvii.org](#); [jtuggle@reg4.org](#); [Holly A Quentrill](#); [Jason S Means](#); [Edwin R Martin](#)
Subject: Official Invitation to participate WVEMD HMP 2023 State Planning Team Kickoff meeting
Date: Thursday, September 1, 2022 1:18:22 PM
Attachments: [WV 2023 State HM Plan State Plan Team Kickoff Invitation.pdf](#)

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Ladies and Gentlemen,

Good afternoon, the WVEMD cordially invites our mitigation partners to participate in the WV 2023 Hazard Mitigation Plan update Kick Off meeting.

Please see the attached invitation letter at your convenience. This event will be held at the Holiday Inn and Suites 400 2nd Avenue SW, Charleston, WV 25303 from 0900-1200 Tuesday, September 13, 2022. Participants are requested to register for this event via the calendar invitation to follow by Sep 9th, 2022.

Thank you for your time and consideration, please contact me if you have any questions or concerns.

Sincerely,

Gabriel Reed

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Gabriel A. Reed, MBA, BSBA

Homeland Security Grant Manager
"State Hazard Mitigation Officer"

WV Emergency Management Division

2403 Fairlawn Ave.

Dunbar, WV 25064

gabriel.a.reed@[wv.gov](mailto:gabriel.a.reed@wv.gov)

Office: 304-414-7673 (preferred)



State of West Virginia
DEPARTMENT OF HOMELAND SECURITY
Cabinet Secretary Jeff S. Sandy, CAMS, CFE
Emergency Management Division
2403 Fairlawn Avenue
Dunbar, WV 25064
(304) 558-5380 / Fax: (304) 766-2605

G.E. McCabe
Director

Matt Blackwood
Deputy Director

September 01, 2022

RE: State of West Virginia Hazard Mitigation Plan (HMP) 2023 Update

Dear Hazard Mitigation Planning Partners,

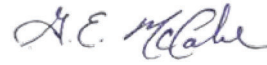
The State of West Virginia is required by the Federal Emergency Management Agency (FEMA) to maintain and update a Hazard Mitigation Plan (HMP) for the State and our communities to be eligible for FEMA's hazard mitigation funding. The HMP analyzes the hazards to which the State is vulnerable, examines our capabilities to address and/or adapt to those hazards, and describes our roadmap for reducing vulnerability to State assets and infrastructure as well as for working with our regions, counties, and communities to reduce their vulnerability at the local level.

The 2018 HMP will expire October 2023, the WVEMD has begun the 5-year HMP plan update with consultants, Tetra Tech, Inc. The WVEMD formally invites your organization to participate in the HMP 2023 planning process by serving on the State Planning Team (SPT). An inclusive SPT is integral in ensuring a multi-disciplinary approach, guiding the development of actionable programs and projects to enhance the State's resilience to future disasters, which ultimately protects West Virginia's people, property, and environment.

The WVEMD will be conducting the SPT kickoff meeting 9:00 a.m. to 12:00 p.m. on Tuesday, September 13, 2022. The meeting will be held in-person at the Holiday Inn and Suites, 400 2nd Avenue SW, Charleston, WV 25303. Refreshments and coffee will be provided. Throughout the meeting, stakeholders will discuss the planning process, enhancements being made for this plan update, the hazards being analyzed, stakeholder engagement outreach, SPT member roles and responsibilities, and integration of hazard mitigation with other programs, etc.

Regarding any questions pertaining to the WV HMP 2023 plan or upcoming STP event, please contact WVEMD State Hazard Mitigation Officer Gabriel Reed at 304-414-7673 or at gabriel.a.reed@wv.gov for more information.

Sincerely,

A handwritten signature in blue ink, appearing to read "G.E. McCabe". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

G.E. McCabe,
Director

October 25, 2022

RE: State of West Virginia Hazard Mitigation Plan (HMP) 2023 Update

Dear Hazard Mitigation Planning Partners,

As you may recall, the State of West Virginia Emergency Management Division (WV EMD) is currently leading the effort to update the State of West Virginia HMP. The HMP analyzes the hazards to which the State is vulnerable, examines our capabilities to address and/or adapt to those hazards, and describes our roadmap for reducing vulnerability to State assets and infrastructure as well as for working with our regions, counties, and communities to reduce their vulnerability at the local level. While this planning effort is being led by WV EMD, all State agencies and a wide range of other stakeholders have a role to play in developing and implementing the plan to reduce vulnerability to hazards throughout West Virginia.

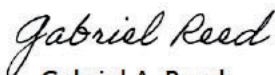
We conducted a kickoff meeting of the State of West Virginia HMP State Planning Team (SPT) on September 13, 2022. Thank you again to everyone who attended in person or remotely. Our team has spent the last several weeks assessing mitigation capabilities that exist at the State and local levels.

We will be conducting our next meeting of the SPT from 9:00 a.m. to 12:00 p.m. on Wednesday, November 9, 2022. During this meeting, we will discuss the results of the capabilities assessment thus far and gather additional information from attendees. The meeting will be held in-person at the State Emergency Operations Center (SEOC), located at the WV EMD office at 2403 Fairlawn Ave, Dunbar, WV 25064, and virtually through Microsoft Teams. A calendar appointment with the location and meeting link will be sent out shortly.

I would appreciate it if you would attend the meeting and actively participate in the planning process. For more information on hazard mitigation planning, please visit <https://www.fema.gov/emergencymanagers/risk-management/hazard-mitigation-planning>.

Thank you for your support, and we look forward to seeing you at the meeting. Please contact me if you have any questions.

Sincerely,




Gabriel A. Reed

State Hazard Mitigation Officer

Tate, JaLeesa

From: Google Calendar <calendar-notification@google.com> on behalf of Tate, JaLeesa <jaleesa.tate@tetrattech.com>
Sent: Monday, December 12, 2022 9:50 AM
To: bfaracas@wvca.us; blong@wvdep.org; bob.d.martin@wv.gov; brian.m.penix@wv.gov; casey.garnett@fema.dhs.gov; cchiles@region2pdc.org; cdent@regioneight.org; charles.c.grishaber@wv.gov; Groves, Christina; colt@wvregion3.org; dallen@regionvii.com; delbert.shriver@wv.gov; emily@wvregion3.org; glenn.jeffries@wvsenate.gov; hicks@belomar.org; jasonroberts@regiononepdc.org; jenny.gannaway@wvoad.org; joel.davis@movrc.org; john.sikora@wv.gov; justin.m.hunt@wv.gov; kurt.donaldson@mail.wvu.edu; maneesh.sharma@mail.wvu.edu; maryjane.pickens@wv.gov; melissa.obrien@movrc.org; michelle.zucker@fema.dhs.gov; mikepap@bhjmpc.org; paula.brown@greenbriercountyema.net; randyc@irh.usace.army.mil; richard.g.drum@irh01.usace.army.mil; rperry@lccwv.us; sheenahunt@regionvi.com; sheenahunt@regionvi.org; swhitehart@regionvii.com; tjuggle@reg4wv.org; sherry.l.risk@wv.gov; jennifer.pauer@wv.gov; alexandria.r.phares@wv.gov; robert.t.martin@wv.gov; eric.hopkins@mail.wvu.edu; michelle.m.brown@usace.army.mil; tlively@regioneight.org; kelli.r.batch@wv.gov; al.whitaker@wv.gov; Subbio, Tony; matthew.j.blackwood@wv.gov; christopher.d.rucker@wv.gov; lonnie.r.bryson@wv.gov; james.a.domingo@wv.gov; ginger.sc.barnett@wv.gov; tammy.m.sneed@wv.gov; nuvia.e.villamizar@wv.gov; DHSEM Area Liaisons DL; fred.rader@movrc.org; julia.a.morton@wv.gov; david.k.hoge@wv.gov; swhitehair@regionvii.com; dale.e.hatfield@wv.gov; kelliott@region2pdc.org; info@geosrv.wvnet.edu; edwin.r.martin@wv.gov; kathy.l.bowe@wv.gov; kenneth.e.tyree@wv.gov; amberlea.m.perks@wv.gov; gabriel.a.reed@wv.gov; rsnately@region9wv.com; wvfusion@wv.gov; jtuggle@reg4wv.org; tony.edwards@noaa.gov; tim.w.keaton@wv.gov; timothy.j.priddy@wv.gov; jasonroberts@regiononepdc.org; xzavier.m.morgan@wv.gov; sallen@jeffersoncountywv.org; david.l.phillips@wv.gov
Subject: Invitation: WV State Hazard Mitigation Plan Risk Assessment Meeting @ Wed Jan 4, 2023 9am - 12pm (EST) (null)
Attachments: not supported calendar message.ics; invite.ics

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December 9, 2022

RE: State of West Virginia Hazard Mitigation Plan (HMP) 2023 Update

Dear Hazard Mitigation Planning Partners,

As you know, the State of West Virginia Emergency Management Division (WV EMD) is currently leading the effort to update the State of West Virginia HMP. The HMP analyzes the hazards to which the State is vulnerable, examines our capabilities to address and/or adapt to those

hazards, and describes our roadmap for reducing vulnerability to State assets and infrastructure as well as for working with our regions, counties, and communities to reduce their vulnerability at the local level. While this planning effort is being led by WV EMD, all State agencies and a wide range of other stakeholders have a role to play in developing and implementing the plan to reduce vulnerability to hazards throughout West Virginia.

We conducted a kickoff meeting of the State of West Virginia HMP State Planning Team (SPT) on September 13, 2022, and we discussed capabilities with the SPT on November 9, 2022. Thank you again to everyone who attended in person or remotely.

Since we began this planning process over the summer, we have been analyzing the hazards that the State and its communities face, and our collective vulnerability to those hazards. We will be reviewing the results of that analysis with the SPT during our next meeting from 9:00 a.m. to 12:00 p.m. on Wednesday, January 4, 2023. The meeting will be held in-person at the State Emergency Operations Center (SEOC), located at the WV EMD office at 2403 Fairlawn Ave, Dunbar, WV 25064, and virtually. A calendar appointment with the location and meeting link will be sent out shortly.

I would appreciate it if you would attend the meeting and actively participate in the planning process. For more information on hazard mitigation planning, please visit <https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning>.

Thank you for your support, and we look forward to seeing you at the meeting. Please contact me if you have any questions.

Sincerely,

Gabriel A. Reed
State Hazard Mitigation Officer

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When

Wednesday Jan 4, 2023 · 9am – 12pm (Eastern Time - New York)

Location

2403 Fairlawn Ave, Dunbar, WV 25064

[View map](#)

Guests

Tate, JaLeesa - organizer

gabriel.a.reed@wv.gov - creator

bfarcas@wvca.us

blong@wvdep.org

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sallen@jeffersoncountywv.org
david.l.phillips@wv.gov

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From: [Google Calendar](#) on behalf of [Subbio, Tony](#)
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Cc: [Tate, JaLeesa](#)
Subject: Invitation: Save the Date - State of West Virginia HMP Update State P... @ Wed Jan 18, 2023 9am - 12pm (EST) (null)
Date: Monday, December 12, 2022 9:55:30 AM

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Please hold this date/time for a meeting to discuss updated goals and objectives for .the HMP

Microsoft Teams meeting

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When

(Wednesday Jan 18, 2023 · 9am – 12pm (Eastern Time - New York

Location

Microsoft Teams Meeting

[View map](#)

Guests

organizer - Subbio, Tony
creator - gabriel.a.reed@wv.gov
bfarcas@wvca.us
blong@wvdep.org
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sallen@jeffersoncountywv.org
david.l.phillips@wv.gov
optional - Tate, JaLeesa

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To: [bfarcaas@wvca.us](#); [blong@wvdep.org](#); [bob.d.martin@wv.gov](#); [brian.m.penix@wv.gov](#); [casey.garnett@fema.dhs.gov](#); [cchiles@region2pdc.org](#); [cdent@regioneight.org](#); [charles.c.grishaber@wv.gov](#); [Groves, Christina](#); [colt@wvregion3.org](#); [dallen@regionvii.com](#); [delbert.shriver@wv.gov](#); [emily@wvregion3.org](#); [glenn.jeffries@wvsenate.gov](#); [hicks@belomar.org](#); [jasonroberts@regiononepdc.org](#); [jenny.gannaway@wvvoad.org](#); [joel.davis@movrc.org](#); [john.sikora@wv.gov](#); [justin.m.hunt@wv.gov](#); [kurt.donaldson@mail.wvu.edu](#); [maneesh.sharma@mail.wvu.edu](#); [maryjane.pickens@wv.gov](#); [melissa.obrien@movrc.org](#); [michelle.zucker@fema.dhs.gov](#); [mikepap@bhimpc.org](#); [paula.brown@greenbriercountyma.net](#); [randyc@irh.usace.army.mil](#); [richard.g.drum@irh01.usace.army.mil](#); [rperry@lccwv.us](#); [sheenahunt@regionvi.com](#); [sheenahunt@regionvi.org](#); [swhitehart@regionvii.com](#); [tjtuggle@reg4wv.org](#); [sherry.l.risk@wv.gov](#); [jennifer.pauer@wv.gov](#); [alexandria.r.phares@wv.gov](#); [robert.t.martin@wv.gov](#); [eric.hopkins@mail.wvu.edu](#); [michelle.m.brown@usace.army.mil](#); [tlively@regioneight.org](#); [kelli.r.batch@wv.gov](#); [al.whitaker@wv.gov](#); [matthew.j.blackwood@wv.gov](#); [christopher.d.rucker@wv.gov](#); [lonnie.r.bryson@wv.gov](#); [james.a.domingo@wv.gov](#); [ginger.sc.barnett@wv.gov](#); [tammy.m.sneed@wv.gov](#); [nuvia.e.villamizar@wv.gov](#); [DHSEM Area Liaisons DL](#); [fred.rader@movrc.org](#); [julia.a.morton@wv.gov](#); [david.k.hoge@wv.gov](#); [swhitehair@regionvii.com](#); [dale.e.hatfield@wv.gov](#); [kelliott@region2pdc.org](#); [info@geosrv.wvnet.edu](#); [edwin.r.martin@wv.gov](#); [kathy.l.bowe@wv.gov](#); [kenneth.e.tyree@wv.gov](#); [amberlea.m.perks@wv.gov](#); [gabriel.a.reed@wv.gov](#); [rsnavely@region9wv.com](#); [wvfusion@wv.gov](#); [jtuggle@reg4wv.org](#); [tony.edwards@noaa.gov](#); [tim.w.keaton@wv.gov](#); [timothy.j.priddy@wv.gov](#); [jasonroberts@regiononepdc.org](#); [xzavier.m.morgan@wv.gov](#); [sallen@jeffersoncountywv.org](#); [david.l.phillips@wv.gov](#)
Cc: [Tate, JaLeesa](#)
Subject: Invitation: Save the Date - State of West Virginia HMP Update State P... @ Wed Jan 18, 2023 9am - 12pm (EST) (null)
Date: Monday, December 12, 2022 9:55:41 AM

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When

(Wednesday Jan 18, 2023 · 9am – 12pm (Eastern Time - New York

Location

Microsoft Teams Meeting

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Guests

organizer - Subbio, Tony
creator - gabriel.a.reed@wv.gov
bfarcas@wvca.us
blong@wvdep.org
bob.d.martin@wv.gov
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Cc: [Tate, JaLeesa](#)
Subject: Invitation: Save the Date - State of West Virginia HMP Update State P... @ Wed Jan 18, 2023 9am - 12pm (EST) (null)
Date: Monday, December 12, 2022 9:56:20 AM

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When

(Wednesday Jan 18, 2023 · 9am – 12pm (Eastern Time - New York

Location

Microsoft Teams Meeting

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Guests

organizer - Subbio, Tony
creator - gabriel.a.reed@wv.gov
bfarcas@wvca.us
blong@wvdep.org
bob.d.martin@wv.gov
brian.m.penix@wv.gov
casey.garnett@fema.dhs.gov
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cdent@regioneight.org
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To: [bfcas@wvca.us](#); [blong@wvdep.org](#); [bob.d.martin@wv.gov](#); [brian.m.penix@wv.gov](#); [casey.garnett@fema.dhs.gov](#); [cchiles@region2pdc.org](#); [cdent@regioneight.org](#); [charles.c.grishaber@wv.gov](#); [Groves, Christina](#); [colt@wvregion3.org](#); [dallen@regionvii.com](#); [delbert.shriver@wv.gov](#); [emily@wvregion3.org](#); [glenn.jeffries@wvsenate.gov](#); [hicks@belomar.org](#); [jasonroberts@regiononepdc.org](#); [jenny.gannaway@wvoad.org](#); [joel.davis@movrc.org](#); [john.sikora@wv.gov](#); [justin.m.hunt@wv.gov](#); [kurt.donaldson@mail.wvu.edu](#); [maneesh.sharma@mail.wvu.edu](#); [maryjane.pickens@wv.gov](#); [melissa.obrien@movrc.org](#); [michelle.zucker@fema.dhs.gov](#); [mikepap@bhimp.org](#); [paula.brown@greenbriercountyma.net](#); [randyc@irh.usace.army.mil](#); [richard.g.drum@irh01.usace.army.mil](#); [rperry@lccwv.us](#); [sheenahunt@regionvi.com](#); [sheenahunt@regionvi.org](#); [swhitehart@regionvii.com](#); [tjtuggle@reg4wv.org](#); [sherry.l.risk@wv.gov](#); [jennifer.pauer@wv.gov](#); [alexandria.r.phares@wv.gov](#); [robert.t.martin@wv.gov](#); [eric.hopkins@mail.wvu.edu](#); [michelle.m.brown@usace.army.mil](#); [tlively@regioneight.org](#); [kelli.r.batch@wv.gov](#); [al.whitaker@wv.gov](#); [matthew.j.blackwood@wv.gov](#); [christopher.d.rucker@wv.gov](#); [lonnie.r.bryson@wv.gov](#); [james.a.domingo@wv.gov](#); [ginger.sc.barnett@wv.gov](#); [tammy.m.sneed@wv.gov](#); [nuvia.e.villamizar@wv.gov](#); [DHSEM Area Liaisons DL](#); [fred.rader@movrc.org](#); [julia.a.morton@wv.gov](#); [david.k.hoge@wv.gov](#); [swhitehair@regionvii.com](#); [dale.e.hatfield@wv.gov](#); [kelliott@region2pdc.org](#); [info@geosrv.wvnet.edu](#); [edwin.r.martin@wv.gov](#); [kathy.l.bowe@wv.gov](#); [kenneth.e.tyree@wv.gov](#); [amberlea.m.perks@wv.gov](#); [gabriel.a.reed@wv.gov](#); [rsnavely@region9wv.com](#); [wvfusion@wv.gov](#); [jtuggle@reg4wv.org](#); [tony.edwards@noaa.gov](#); [tim.w.keaton@wv.gov](#); [timothy.j.priddy@wv.gov](#); [jasonroberts@regiononepdc.org](#); [xzavier.m.morgan@wv.gov](#); [sallen@jeffersoncountywv.org](#); [david.l.phillips@wv.gov](#)
Cc: [Tate, JaLeesa](#)
Subject: Invitation: Save the Date - State of West Virginia HMP Update State P... @ Wed Jan 18, 2023 9am - 12pm (EST) (null)
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When

(Wednesday Jan 18, 2023 · 9am – 12pm (Eastern Time - New York

Location

Microsoft Teams Meeting

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Guests

organizer - Subbio, Tony
creator - gabriel.a.reed@wv.gov
bfarcas@wvca.us
blong@wvdep.org
bob.d.martin@wv.gov
brian.m.penix@wv.gov
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From: Rosier, Stephanie A
To: Aaron P Tonkery; abigail.mcqueen@tu.org; administrator@grantcountyywv.org; Archie Griffith; ahodges7@wvstateu.edu; Whitaker, Al; alanmiles@grantcountyywv.org; Alexandria R Phares; Lincoln; Amberlea M Perks; andrew.stacy@usda.gov; anickerson@brookecountyma.com; anita.r.chapman@wv.gov; Annette; arosser@wvri.org; Amanda Smarr; begley@marshall.edu; Bennie Cogar; bfarcas@wvca.us; bgunnoe52@gmail.com; bkelly@pocahontasemergency.com; blong@wvdep.org; bmalcolm@hampshirewv.com; Betsy Morris; bob.d.martin@wv.gov; Braxton County OES Director John Hoffman; Brett W McMillion; Brian M Penix; calhounmaps@yahoo.com; Garnett, Casey; cbrandon@barbourcountyywv.org; Craig Brown; Chris Chiles; cdent@regioneight.org; Jones, Chad; Charles C Grishaber; chief10fdm@gmail.com; Groves, Christina; Christopher D Rucker; Stacy King; Chris McIntire; Colt Sandoro; CW Sigman; Dale E Hatfield; Dionne Allen; Danny Greenleaf; darmstrong@kanawha.us; David W Dove; Cody Fortner; delbert.shriver@wv.gov; Dennis O Stottlemeyer; denzil.lynn@yahoo.com; dharper@barbourcountyywv.org; dknotts@marioncountyywv.com; Dick Myers; doddcoastfpm@gmail.com; George Eidel; Doug Goolsby; Preston OEM & 911; Edwin R Martin; emily@wvregion3.org; Eric Hopkins; esdeputydirector@mineralwv.org; Luke McKinzie; Erin Timbrook; francis.holton@e911.org; fred.rader@movrc.org; GE McCabe; Ginger SC Barnett; glenn.jeffries@wvsenate.gov; Gordon Merry III; gregory.carden@hq.dhs.gov; gsaurborn@wvca.us; h.tony.edwards@wv.gov; Hardy; harold.ward@wv.gov; hduncan@wvca.us; Scott Hicks; hsperringer@mecca911.org; Tate, JaLeesa; James E Bush; Janice D Palmer; Jason Roberts; Jay Hollen; jayson.h.putnam@usace.army.mil; Jamie Baker; jcooper@wayne911.com; Jennifer L Ferrell; Jennifer Pauer; jennifer_l_norris@fws.gov; jenny.gannaway@wvoad.org; jennygannaway@wvoad.org; Jeremy C Jones; Middleton, Jeremy Matthew SFC USARMY NG WVARNG (USA); jhoover@morgancountyywv.org; jimwhite801@yahoo.com; jluck@brookecountyma.com; joann.d.harmon@usace.army.mil; Joel Davis; john.perdue@usda.gov; john.r.ferguson.ii@usace.army.mil; john.sikora@wv.gov; jon.bourdon@usda.gov; jonathan@wvaco.org; jorge.atiles@mail.wvu.edu; joseph.s.peal.civ@mail.mil; jowilliams@mail.wvu.edu; jskaggs@wvca.us; James Smith; John Tuggle; Julia A Morton; julie.a.alston@hud.gov; Justin M; jwenneroem@gmail.com; JustinJustin Wolfe (jwolfe@preston911.com); James Wolford; John Zilinski; Karen R Lasure; katherine.garvey@mail.wvu.edu; Kathy L Bowe; Kelli R Batch; Kathy Elliott; Kenneth E Tyree; kenneth.l.woodard@usace.army.mil; Kim Odle; knight914@frontiernet.net; Kris E Warner; Kelsey Tucker; Kurt Donaldson; Kevin Walker; kwhite@tuckeroem.org; Lewis OEM; Leonel Medellin; Lonnie R Bryson; Lora D Lipscomb; Luke P ONeal; Luke Peters; Lou Vargo; lvtac@hotmail.com; maneesh.sharma@mail.wvu.edu; maryjane.pickens@wv.gov; Matthew J Blackwood; Megan Diehl; Melissa O'Brien; Keith Gunnoe; mgilbert@roanewvema.org; mhonaker@gchsem.com; michael.keathley@usace.army.mil; Michael Paprocki; Michael Mayhorn; mobrien@pocahontasemergency.com; Montana B. Boggess; Marie Prezioso; Mike Shook; Mikyle White; Nathan C Meadows; Natalie Hamilton; nicolas.zegre@mail.wvu.edu; Nuvia E Villamizar; pat@ccawv.org; Patrick A Gray; Paula Brown; Pegi Bailey; pvfdemt17@yahoo.com; randyc@irh.usace.army.mil; rawleigh.w.greenhalgh@hud.gov; rbeltner@aol.com; Logan; repaulab@gmail.com; richard.g.drum@irh01.usace.army.mil; richard.rose@websterwv911-oes.com; Randy Lilly; rmiller@monroecountyywv.net; Robert K Bowman; Robert T Martin; rperry@lccwv.us; Rakesh Sharma; Rachel Snively; Rick Stout; rwoodyard@woodcountyywv.com; Ryan J Halsey; ryan.thorn@usda.gov; Steve Allen; Steve Byus; scwykoff@upshurcounty.org; sfox@randolphctyywv.org; Shannon L Driver; Sheena Hunt; sheenahunt@regionvi.org; sherrie.l.stone.nfg@mail.mil; Sherry L Risk; smitham@wvstateu.edu; Sonya M Porter; E Squires; Sam Richardson; Stephanie A Rosier; steve.murray@ccems.org; Chris Thorn; Steve Lipscomb; Susan M Pierce; Shane Whitehair; swwhitehart@regionvii.com; syoho@wetzelswv.com; t_aappliance@yahoo.com; Tammy M Sneed; tara.kodak@wycowwv.com; tblosser@wvml.or; Teresa VanDyke; Tom Hart; Tim W Keaton; Timothy J Priddy; TJ Crowder; tjcooper@frontier.com; ttjuggle@reg4wv.org; Terry Lively; tony.edwards@noaa.gov; Subbio, Tony; trowan@eda.gov; trperry@upshurcounty.org; Tracey White; Walter Smittle; Wendy L Greene; william.e.crane@army.mil; wvfireman@frontier.com; Xzavier M Morgan; zbailey@roanewvema.org

Subject: Just a reminder for tomorrow's upcoming WV HMP meeting! Be sure to take note of the parking code!
Date: Wednesday, February 8, 2023 11:32:20 AM

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Dear Hazard Mitigation Planning Partners,

We are nearing completion of the effort to update the State of West Virginia HMP. The HMP analyzes the hazards to which the State is vulnerable, examines our capabilities to address and/or adapt to those hazards, and describes our roadmap for reducing vulnerability to State assets and infrastructure as well as for working with our regions, counties, and communities to reduce their vulnerability at the local level. The HMP is a State of West Virginia plan, not a WV EMD plan, so while WV EMD is taking the lead, all State agencies and a wide range of other stakeholders have a role to play in developing and implementing the plan.

We conducted a kickoff meeting of the State of West Virginia HMP State Planning Team (SPT) on September 13, 2022, discussed capabilities with the SPT on November 9, 2022, reviewed hazard information on January 4, 2023, and discussed developing goals and objectives on January 18, 2023.

Thank you again to everyone who attended in person or remotely.

We are now ready to discuss specific, implementable mitigation actions to include in the updated HMP. To facilitate that discussion, we will be conducting a meeting of the SPT on February 9, 2023, from 9:30

a.m. to 2:00 p.m. The meeting will be held at the Kanawha County Public Library at 123 Capitol St, Charleston, with a virtual option as well.

Lunch will be provided to everyone who attends in person. Paid parking is available in the parking garage attached to the library. The WV EMD is working on securing parking passes/promo codes for those who plan on attending the event in person.

I would appreciate it if you would attend the meeting and actively participate in the planning process.

For more information on hazard mitigation planning, please visit <https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning> or the West Virginia HMP update project website at <https://www.westvirginiahmp.com/>.

Thank you for your support, and we look forward to seeing you at the meeting. Please contact me if you have any questions.

Sincerely,

Gabriel A. Reed
State Hazard Mitigation Officer

LOGISTICS UPDATE:

For those attending the WV HMP meeting at the Charleston, WV Library.

Regarding Parking:

Please use the park mobile app here:

<https://parkmobile.io/>

Parking Code is: HMGP2023

The parking code is valid anywhere in the Charleston WV area spots with a park mobile meter.

Coffee, Refreshments and Lunch from Pies and Pints Pizza will be provided.

Logistics:

The 09Feb2023 WV 2023 HMP Update State Planning Team meeting will be held at the Kanawha County Library located in Charleston, WV @ 123 Capitol St, Charleston, WV 25301 Room 311 C (A/B)

PLEASE NOTE: Paid Parking is available in the attached parking garage, the WVEMD will be working on securing parking passes/ promo codes for those who plan on attending the event in person. We will update the link with the info ASAP

Lunch will also be served!

Virtual Attendance information:

[Join with Google Meet](#)

meet.google.com/hsg-xros-jxs

Meeting ID

meet.google.com/hsg-xros-jxs

Edit

Phone Numbers

(US)+1 419-901-8715

PIN: 864 209 467#

When

Thursday Feb 9, 2023 · 9:30am – 2pm (Eastern Time - New York)

Location

123 Capitol St, Charleston, WV 25301 Room 311 C (A/B)

[View map](#)

Organizer

gabriel.a.reed@wv.gov



State of West Virginia
DEPARTMENT OF HOMELAND SECURITY
Cabinet Secretary Jeff S. Sandy, CAMS, CFE
Emergency Management Division
2403 Fairlawn Avenue
Dunbar, WV 25064
(304) 558-5380 / Fax: (304) 766-2605

G.E. McCabe
Director

Matthew Blackwood
Deputy Director

May 12, 2023

Dear Hazard Mitigation Planning Partners,

We are in the final stages of our efforts to update the State of West Virginia HMP. The HMP analyzes the hazards to which the State is vulnerable, examines our capabilities to address and/or adapt to those hazards, and describes our roadmap for reducing vulnerability to State assets and infrastructure as well as for working with our regions, counties, and communities to reduce their vulnerability at the local level. The HMP is a State of West Virginia plan, not a WV EMD plan, so while WV EMD is taking the lead, all State agencies and a wide range of other stakeholders have a role to play in developing and implementing the plan.

We conducted a kickoff meeting of the State of West Virginia HMP State Planning Team (SPT) on September 13, 2022, discussed capabilities with the SPT on November 9, 2022, reviewed hazard information on January 4, 2023, discussed developing goals and objectives on January 18, 2023, and identified mitigation actions to include in the HMP on February 9, 2023.

In preparation for the stakeholder and public review period before we submit the updated HMP to the Federal Emergency Management Agency (FEMA), we will review the updated draft at a meeting of the SPT on May 25, 2023, from 9:00-11:00 a.m. at the new WV EMD building at 1700 MacCorkle Avenue SE, Charleston, with a virtual option as well.

I would appreciate it if you would attend the meeting. For more information on hazard mitigation planning, please visit <https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning> or the West Virginia HMP update project website at <https://www.westvirginiahmp.com/>.

Sincerely,

Gabriel A. Reed

State Hazard Mitigation Officer

From: [Burger, Brent A](#)
To: [Whitaker, Al](#); [Alexandria R Phares](#); [bfcas@wvca.us](#); [blong@wvdep.org](#); [bob.d.martin@wv.gov](#); [Brian M Penix](#); [Garrett, Casey](#); [Chris Chiles](#); [Dionne Allen](#); [delbert.shriver@wv.gov](#); [Edwin R Martin](#); [emily@wvregion3.org](#); [eric.hopkins@mail.wvu.edu](#); [fred.rader@movrc.org](#); [GE McCabe](#); [glenn.jeffries@wvsenate.gov](#); [h.tony.edwards@wv.gov](#); [Scott Hicks](#); [Holly A Quentrell](#); [Tate, JaLeesa](#); [Jason S Means](#); [Jason Roberts](#); [Jennifer Pauer](#); [jenny.gannaway@wvoad.org](#); [john.sikora@wv.gov](#); [jtuggle@reg4.org](#); [John Tuggle](#); [Julia A Morton](#); [justin.m.hunt@wv.gov](#); [Kathy L Bowe](#); [Kelli R Batch](#); [Kathy Elliott](#); [Kenneth E Tyree](#); [Kurt Donaldson](#); [Lonnie R Bryson](#); [maneesh.sharma@mail.wvu.edu](#); [maryjane.pickens@wv.gov](#); [Matthew J Blackwood](#); [Michael Paprocki](#); [Nuvia E Villamizar](#); [Paula Brown](#); [randyc@irh.usace.army.mil](#); [richard.g.drum@irh01.usace.army.mil](#); [Robert T Martin](#); [rperry@lccwv.us](#); [Rachel Snavelly](#); [Steve Allen](#); [sheena.hunt@regionvi.com](#); [sheena.hunt@regionvi.org](#); [Sheena Hunt](#); [sheenahunt@regionvi.org](#); [Sherry L Risk](#); [Shane Whitehair](#); [swhitehair@regionvii.org](#); [swhitehart@regionvii.com](#); [Tim W Keaton](#); [Timothy J Priddy](#); [tjtuggle@reg4wv.org](#); [Terry Lively](#); [tony.edwards@noaa.gov](#); [Subbio, Tony](#); [hsperringer@mecca911.org](#); [Dean Meadows](#); [zbailey@roanewvema.org](#); [Mikyle White](#); [calhounmaps@yahoo.com](#); [Lou Vargo](#); [Lewis OEM](#); [Walter Smittle](#); [t_aappliance@yahoo.com](#); [kwhite@tuckeroem.org](#); [wvfireman@frontier.com](#); [Keith Gunnoe](#); [Rick Stout](#); [steve.murray@ccems.org](#); [bjwillis@wayne911.com](#); [rbeltner@aol.com](#); [Luke McKinzie](#); [Pvfdem17@yahoo.com](#); [E Squires](#); [darmstrong@kanawha.us](#); [alanmiles@roanecountyoem.com](#); [esdeputydirector@mineralwv.org](#); [Robert K Bowman](#); [George Eidel](#); [lvtac@hotmail.com](#); [Michael Mayhorn](#); [Pegi Bailey](#); [dknotts@marioncountywv.com](#); [Preston OEM & 911](#); [chief10fdm@gmail.com](#); [bmalcolm@hampshirewv.com](#); [mobrien@pocahontasemergency.com](#); [jluck@brookecountywv.com](#); [jcooper@wayne911.com](#); [James Smith](#); [bkelly@pocahontasemergency.com](#); [Logan](#); [Tracey White](#); [JustinJustin Wolfe](#) ([jwolfe@preston911.com](#)); [CW Sigman](#); [mgilbert@roanewvema.org](#); [Archie Griffith](#); [Patrick A Gray](#); [anickerson@brookecountywv.com](#); [jhoover@morgancountywv.gov](#); [jimwhite801@yahoo.com](#); [Lincoln](#); [Mike Honaker](#); [cbrandon@barbourcountywv.org](#); [Mike Shook](#); [Richard.rose@websterwv911-oes.com](#); [Steve Byus](#); [rwoodyard@woodcountywv.com](#); [Doug Goolsby](#); [trperry@upshurcounty.org](#); [Teresa VanDyke](#); [Chris Thorn](#); [Denzil.lynch@yahoo.com](#); [dharper@barbourcountywv.org](#); [Cody Fortner](#); [Annette](#); [Braxton County OES Director](#) [John Hoffman](#); [sfox@randolphctywv.org](#); [tjcooper@frontier.com](#); [doddcoastfpm@gmail.com](#); [rmiller@monroecountywv.net](#); [administrator@grantcountywv.org](#); [knight914@frontiernet.net](#); [Jones, Chad](#); [Montana B. Boggess](#); [Bennie Cogar](#); [Steve Lipscomb](#); [Danny Greenleaf](#); [John Zilinski](#); [Hardy](#); [jwenner@roem.com](#); [sporter@logancountyoem.com](#); [Stacy King](#); [Kevin Walker](#); [Randy Lilly](#); [James Wolford](#); [tara.kodak@wycowv.com](#); [Erin Timbrook](#); [francis.holton@e911.org](#); [Chris McIntire](#); [Tom Hart](#); [bgunnoe52@gmail.com](#); [Gordon Merry III](#); [Dick Myers](#); [TJ Crowder](#); [syoho@wetzelswv.com](#); [McCallister, Roy](#); [DHHR Announcements](#)
Cc: [Gabriel A Reed](#)
Subject: Hazard Mitigation Plan-Problem Area Survey for HMP 2023 Review
Date: Wednesday, September 28, 2022 10:53:26 AM

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Hello! As you may know, the West Virginia Emergency Management Division (WV EMD) is leading an effort to update the State of West Virginia Hazard Mitigation Plan (HMP). The HMP will analyze the risks that the State faces, assess State and local capabilities to address those risks, and document a set of goals, objectives, and actions for reducing vulnerability throughout the State. Many of you were invited to participate on the State Planning Team (SPT) for the HMP Update and to the Kickoff Meeting we held on September 13, 2022. We are currently working with our contractor on the risk assessment portion of the plan update, and we would appreciate your input in the planning process.

One way to provide your input is to tell us about the vulnerabilities you face at the local level that may be caused or exacerbated by State- or federally-owned infrastructure. For instance, if a State-owned bridge is too narrow and collects debris that causes flooding in your communities, we want to know about it. To that end, we have developed an online Problem Area Mapping Survey tool, which can be found here: <https://arcgis.com/arcgis/0X5H5jb>. Using this tool, you can drop a pin on a map and let us know how State-owned assets and infrastructure make the following hazards worse in your communities:

- Dam Failure
- Earthquake
- Flood
- Levee Failure
- Severe Storms
- Utility Failure

- Hazardous Materials
- Wildfire
- Landslide

The form is set up for you to enter your name and email address, then to identify as many problems/problem areas as you can, and provide supporting information. Please note that we are focusing only on problems caused at the local level by State-owned infrastructure; we are not trying to duplicate the risk assessment or all of the mitigation actions in regional/county HMPs.

We would appreciate it if you would complete this survey to identify known problems and problem areas **by October 14, 2022**. Thank you for your time and participation in this important planning effort!

If you have any questions please let me know and anyone else you would like to forward it to please do.

--

Brent A. Burger
Hazard Mitigation Planner

WV Emergency Management Division
2403 Fairlawn Avenue
Dunbar, WV 25064
Brent.A.Burger@wv.gov
Office: 304-414-7630

Problem Type	Description of Problem Type	Does this problem affect a community lifeline, or facility/infrastructure that needs to be operational during an emergency?	If you answered yes to the question above, please specify which community lifeline or facility/infrastructure that the problem affects.	Does this problem affect a community lifeline, or facility/infrastructure that needs to be operational during an emergency?	If you answered yes to the question above, please specify which vulnerable population problem affects.	Responsible Authority	Impacts	Latitude	Longitude
ve /creek flood ng State-owned oad o	Bekeley Sp. rgs State Pa k and the su ound ng ea s a choke po nt fo. Wm Sp. rgs Run. Nume ous flood events have caused the banks to ove flow flood ng Wash. St (US522) s ound ng st eets. Homes and bus nesess a e also affected.	yes	The pumps that supply water f om the Pa fa Sp rgs may be shut down du ng flood ng events. Th s s the major water sou ce fo Bekeley Sp rgs and su ound ng ea.	yes	Acco d ng to the US Census, 12% of the populat on n Mo gan County s unde the pove ty l m t. Many f those poss bly affected do not have the sporable ncome to ove come the effects of flood ng.	WVDOH. Local County DOH Adm n st ato and DOH ng nee ssa e awa e of ssues w th the b dge.	Wash ngton St (US522) s the ma n oad th ough Bekeley Sp rgs. Flooding of the st eet and downtown ea e essent a t aff c, eme gency se v ces, and publ c safety hazs d.	39.6267348	-78.2283893
ve /creek flood ng State-owned oad o	We t cle suppo ts of b dge oss ng Gauley R ve a e too close to one anothe c, eat ng a choke po nt fo deb s. Caus ng a back up of Gauley R ve and p event ng access to eme gency se v ces. B dge was closed fo low ng June 2016 flood event.	no		yes	em o c t ems and low ncome populat on es de on dge Lane. A comb nat on fo the b dge n unt on be ng closed and back up of Gauley R ve aused by the b dge l m ts access to es dents of dge Lane.	WVDOH. Local County DOH Adm n st ato and DOH ng nee ssa e awa e of ssues w th the b dge.	Eme gency se v ces can not access ea es when the Gauley R ve s backed up due to the choke po nt c eated by the b dge.	38.42826304	-80.4473726
ve /creek flood ng State-owned oad o	Du ng heavy a n, pedest an b dge w l cause water to back up and onto pa k p ope ty.	no		no		h s a pedest an b dge on pa k p ope ty, owned y WVDOH.	No mpact to commun ty, except fo occas onal flood ng events w th n the pa k.	39.62666021	-78.22856661
sto mwate unoff up onto State-owned	Water unoff w ll not d a n unde Route 19. It backs up the d a n and floods the oad each t me t a ns.	yes	Ma n oad to Hosp tal	yes	flood ng closes the oadway and school buses, o me gency se v ces cannot get th u	WV DOT	Hosp tal	37.71549622	-81.09861307
sto mwate unoff up onto State-owned	Seve al m no p oblem a eas on Bolt Rd, wh ch p ma ly affects Bolt Mounta n a ea. D a nage ssues due to d tch blockages cause m no flood ng on the oadway and causes m no land sl ppage.	no		no		WV DOT - nume ous ca ls epo ted n th s ea.	Route 99 s heavy ly t aveled f om moto sts that es de n Wyom ng and Boone Count es. Th s oute se ves as a p ma y oute to es dents s po t ons of other count es such as Oceana, Mad son, etc.	37.77706517	-81.44428699
sto mwate unoff up onto State-owned	Unde s sed sto mwate system cannot handle heavy a n events and leads to oad flood ng and clous es.	yes	San ta y sewe l nes a e mpacted by nflow and fl t at on n th s a ea du ng heavy a ns	yes	lde ly, low ncome nd v dual/fam l es and econo mally d sadvantaged a e mpacted	he WV DOT has u sd ct on of th s oadway and ystem. The WV DOT s awa e of the flood ng ssues wh ch have been b ought up by the C ty of Beckley nd news med a.	Flood ng leads to clous es of oads fo eme gency psonal along w th bus ness clous es n the a ea. Th s also cuts some es dents off to a nea by g ocn y sto e and shopp ng plaza.	37.78674357	-81.18910243
de-sl d ng land along oad th extends to down nes that se ve the unt y	P ney C eek Plant Road se ves as the exclus ve access to Beckley s P ney C eek Wastewater T estment Plant. The oadway s g one to f equent ockl des ove the last few ya s f om W la m C B own B dge. The ockl des a e g ow ng n seve ty.	yes	Only access to C ty of Beckley Wastewater T estment Plant	yes	h s can mpact a la ge pa t of Beckley and su ound ng ea es wh ch ncludes m no ty, low ncome, elde ly and econo mally d sadvantaged opulat ons.	WV DOT would have autho ty to add ess the oblem. WV DOT s awa e of the flood ng ssues wh ch have been b ought up by the C ty of Beckley nd news med a.	A major landsl de can shut down the only oad access to Beckley's Wastewater t estment plant. Th could potent ally cause major env onmental p oblems f suppl es and wo ke s cannot access the plant.	37.76668819	-81.15521142
ve /creek flood ng State-owned oad o	Du ng heavy and h gh nterns ty a n events th s a n a f equent ly floods and causes the oad to close. The culve t ystem that ca es L ttle Wh test ck cannot adequately convey the c eek and floods the oadway.	no		yes	lde ly and m no ty es dents mpacted at nea by pa tment complex.	WV DOT and WV Tu ng ke sha e n the expons b l ty flood ng. WV Tu ng ke d a ns nto L ttle Wh test ck C eek and WV DOH cannot handle the low. Both agenc es a e awa e of the p oblem gh gh ted n ecent study by LA Gates Eng nee ng.	Flood ng l m ts eme gency veh cles f om a nea by f e stat on and oute to Hosp tal fo the Maxwell H l f e stat on of town.	37.80023748	-81.2085803
ve /creek flood ng State-owned oad o	Culve t that ca es d a nage f om Kanawha/Rock/S. Fayette St eet s unde s sed and causes flood ng between S. Fayette and S. Kanawha St eet along Rock Ave.	no		yes	cono mally d sadvantaged, ac al and ethnc m no t es, the un nssu ed, low ncome nd v dual and fam l es, the elde ly	WV DOT has the autho ty to upg ade the culve t to t gh t a way and they have been not f ed about he conce n.	mpacts eme gency veh cles and causes es dent al flood ng up by vein.	37.76630678	-81.17037659
sto mwate unoff up onto State-owned	WV DOT f equent ly puts out h gh water s gns n th s a ea du ng heavy a n events. Flood ng causes a d s upt on n th s h ghly t aveled connee c al d st ct of Beckley.	no		yes	lde ly and m no ty es dents mpacted at nea by pa tment complex.	WV DOT s the expons ble autho ty and s awa e of he p oblem. The solat on has been s gnage stat ng h gh water ahead on the oadway.	D v ng hazs d fo commute s gett ng to shopp ng cente s and o cc y sto es.	37.80157	-81.18023867
sto mwate unoff up onto State-owned	Major pond ng/flood ng du ng a n events and somet mes oad needs to be closed due to flood ng.	no		yes	cono mally d sadvantaged, ac al and ethnc m no t es, the un nssu ed, low ncome nd v dual and fam l es, the elde ly	WV DOH s expons ble fo Ragland Road and nanof d Road.	Haza dous t aveled d ve s and es dents t y ng to get home. Rest cts eme gency psonal du ng eme gency es.	37.81105233	-81.15701977
th th extends a State-oad, b dge, o the uctu e	Culve t unde the pa k oad blocks es ly w th deb s du ng unoff and water ove flows onto the pa k oad and nea by camps tes.	no		no		WV DOT and WV DNR. No not unde the cu ent management team.	This occas onal flood ng closes pa t of the camp onal du ng seve e sto es.	38.87706192	-80.86837227
ve /creek flood ng State-owned oad o	B dge ove flows du ng heavy a n sto ms clos ng the oad and st and ng camps s fo pe ods of t me unt l the water ecedes.	no		no		WV DOT and WV DNR. No not unde the cu ent management team.	Blocks off al t aff c n and out of the Ceda C eek State Pa k Camp ound unt l the water ecedes and the deb s removed.	38.88077535	-80.8620798
sto mwate unoff up onto State-owned	D a n and culve t w ll not d a n water t ponds up on the oadway, block ng t n both d ections	no		yes	lde ly s blocked f om gett ng to and f om docto ppo nments	WV DOT, TMC s not f ed eve y t me to b ng out H gh Water s gns	Hosp tal, f e, law and EMS	37.715573	-81.09899001
th th extends a State-oad, b dge, o the uctu e	Runoff, d a nage and ock falls eve y a n. Th s a nges f om P ney V ew to the T e y.	no		yes	locks ma n oad com ng nto Beckley. EMS, f e cannot get th ough.	WV DOT, TMC has been contacted eve y t me.	Pol ce, f e, hosp tal, major b dge ac os New R ve	37.84558951	-81.12210889
sto mwate unoff up onto State-owned	Water gets h gh each a n and comes ove b dge and floods the oadway on both s des. Th s s a eoccu ng p oblem.	no		yes	cono mally d sadvantage	WV DOT-TMC s not f ed each t me when the oad loaded. Somet mes longer than 1 day.	No one can get past the water n the oad, even when the c eek ecedes, the flooded water stays on the oad	37.7099856	-81.19467882
th th extends a State-oad, b dge, o the uctu e	The culve t s not tak ng enough water unde RT 19 and Caus ng flood ng on H ghly Ave. Th s s flood ng th oadway and also homes.	yes	A l t l t es a e be ng affected when homes a e flooded	yes	t st ands people n the homes unt l the water a ns	WV DOT, TMC and Beckley St eet Depa tment a e of t ed each t me t happens.		37.77951582	-81.16623466
th th extends a State-oad, b dge, o the uctu e	Culve t and d a n do not make enough water. Water has an ac os the oad seve al t mes od ng the be m of the oad and caus ng la ge ocks to fo m n the d tch ne	yes	Water, Commu cat on, Sewe, A po t	no		WV DOT		37.78194378	-81.11377898
ve /creek flood ng State-owned oad o	C eek w ll se and come out on ma n oad and flood the oad and come ove the b dge.	yes	Water	yes	Ha d to evacuate people w th oad flood ng	WV DOT, TMC contacted eve y t me	Blocks al t anspo tat on n th s a ea	37.62762645	-81.23954673
sto mwate unoff up onto State-owned	Water unoff f lls the d tch ne up and water cannot d a n. The water then backs out onto the oad and ends up block ng the oadway.	no		no		WV DOT, TMC contacted egula ly to place H gh Water s gns	Major shopp ng and eat ng a ea	37.79828473	-81.17727387
sto mwate unoff up onto State-owned	Culve t and d a n unde s sed	no		no		WV DOT, TMC not f ed fo H gh Water s gns	Th s has closed the oad befo e unt l the water ecedes.	37.73658809	-81.11347356
sto mwate unoff up onto State-owned	Unde s sed causes water to backup on oadway, somet mes ove f flood deep	yes	power, sewe	no		WV DOT	Major RT 16 closes completely fo hou s.	37.78667753	-81.18898718
sto mwate unoff up onto State-owned	Water unoff f om G mbsy Ct onto Coal C ty Road flood ng t w th water and deb s.	no		yes	Olde populat on n that a ea	Washes out on a DOH oad, unssu e expons b l ty	Blocks ma n oad nto oad and access fo Pol ce, f e and EMS	37.60315369	-81.1263259
ve /creek flood ng State-owned oad o	Water ove flows the culve t and washes the oad out	no		yes	Only way n o out fo folk. P ma y elde ly annum ty.	WV DOT, Had to f e the culve t and oad befo e school buses could un	Only way n o out fo es dents	37.86748407	-81.44364549
sto mwate unoff up onto State-owned	Water unoff f lls d tches and culve ts, and water comes out on the oadway w th deb s and closes the oad	no		no		Unssu e, water unoff comes f om local shopp ng and oad establ shments.	Cannot access college unt deb s s clea ed	37.85239773	-81.20169106
sto mwate unoff up onto State-owned	Heavy water unoff causes flood ng f culve t gets blocked by deb s.	no		yes	Not su e of the ncome, econo m c s tuat on, m no t es, etc. But, f f floods the oad s blocked to whoe eves up th s oad.	WV DNR	Can cause flood ng ssues to the es dents who l ve up the oad when the culve t gets blocked.	39.27671268	-80.61803255
sto mwate unoff up onto State-owned	Old Box Culve t unde the t a l backs up when deb s collect wh e the water unssu unt l the a l t a l. It s kept clea most of the t me, but can cause flood ng of the nea by oad s blocked.	no		yes	Not su e f vulne able populat ons lve n th s a ea.	WV DNR Ra t a l WV DOT oadway	f oad floods, es dents a e fo ed to use the t a l to access necessa y amment es. Us ng the a l t a l fo moto zed veh cles llegal, but s the only means of t anspo tat on f th s oad floods due to the culve t blockage.	39.28148052	-80.60633146
sto mwate unoff up onto State-owned	La ge Box Culve t unde the a l t a l s lled ove and holds lots of su face water du ng ha d a ns. Slowly flows th ough ove t me. Could ove boggle t a l f we have a major a nsto m.	yes	Unknown at th t me.	yes	Unssu e at th s t me. Not awa e of populat ons flected.	WV DNR	May block t a l f enough a n falls. May c eate e os on p oblems on the backs de f t a l f the water flows ove the t a l.	39.29596508	-80.78772268
sto mwate unoff up onto State-owned	La ge Co agnated Culve t 160 -72 blocks off access onally and backs water up nto Pennsb o s clea now but can cause p oblems f blocked by deb s.	yes	Not 100% su e. Th s s located n town so t could potent ally affect l fel nes and/o n f ast uctu e.	yes	Not su e of the populat ons l v ng n th s a ea.	WV DNR	Could d srupt t anspo tat on and c eate e os on p oblems n th s a ea f a ma o blockage was to occur.	39.28452609	-80.96724561
ve /creek flood ng State-owned oad o	The culve t unde Seneca Lake Road, n th s locat on, can become blocked by deb s and would st and anyone s at the lake, cab ns, f e tow o, the G emb e R ve.	no		no		WV DNR WV DOT s on of Fo est y WV DOH	This would mpact t anspo tat on to and f om these ea es nclud ng EMS, f e Dept, Pol ce, and a l t ty compan es.	38.29680106	-79.92932515
sto mwate unoff up onto State-owned	Culve t nea St. Route 28 s fa l ng and fo ces water ac os the pa k oad n the p on c a ea.	no		no		WV DOT WV DNR No not ecently.	mpacts pa k s to s who a e us ng the p on c a ea o camp ound n th s a ea. They may be tempo a ly t at anded unt l the water ecedes.	38.29831061	-79.92676766

Problem Type	Description of Problem Type	Does this problem affect a community lifeline, or facility/infrastructure that needs to be operational during an emergency?	If you answered yes to the question above, please specify which community lifeline or facility/infrastructure that the problem affects.	Does this problem affect a community lifeline, or facility/infrastructure that needs to be operational during an emergency?	If you answered yes to the question above, please specify which vulnerable population problem affects.	Responsible Authority	Impacts	Latitude	Longitude
ve /creek flooding State-owned road	Mainstem creek can flood the bridge during high water events. Alternative route does exist.	yes	Electrical service lines and cabins. Alternative route does exist.	no		WVDOOT and WVONR. On-site State Park Superintendent stands the issue.	None	38.00365135	-80.94999611
stormwater runoff up onto State-owned	Beech Fork Lake is a US Army Corps of Engineers flood control lake. During very high flood events, though access can be cut off due to high water on Beech Fork Road, Long Branch Road, route 43, and Park and Forest route 801.	yes	Electrical service, Wastewater Treatment plant, cabins and camping.	no		US Army Corps of Engineers, WVONR, WVDOOT	High water can block access to roads that would be used to allow people in community to evacuate safely.	38.30794219	-82.3446487
stormwater runoff up onto State-owned	Lake flood during winter quickly cover boat launch parking area, leaving campsites stranded at East Shore Camp and on the lake, while vehicles are left to submerge.	no		no		US Army Corps of Engineers, WVONR	Stranded camps and loss of vehicles	37.61274534	-80.91676954
ve /creek flooding State-owned road	When underpass floods, it blocks access to community and State Forest guests from evacuating to Interstate.	no		no		WVDOOT	Unable to access community and State Forest guest.	37.76752932	-80.35603396
ve /creek flooding State-owned road	This section of road between the campgrounds once floods during high water is an event and makes road impassable during these high water events. The low elevation of the road is related to the parallel running Hix Run contributes to this problem.	no		no		WVDOH, WVONR	Access through Hix Run road is blocked. This road and through the forest to private lands.	37.72903349	-80.36321544
ve /creek flooding State-owned road	Access to Kanawha State Forest can be impeded during times of heavy rain due to water backup from culverts, particularly along Connell Road.	no		no		WVDOH and WVONR	Roads may wash out or be impassable for people driving through Kanawha State Forest.	38.28040788	-81.64368732
stormwater runoff up onto State-owned	During the 1985 high flood event, the site section of Bathhouse Road and Boyce Road site section as you enter the park was underwater. This would block access to the entrance park.	yes	Electrical poles and wastewater treatment.	no		US Army Corps of Engineers, WVONR, WVDOOT	Block access for park guests and private residences	39.27948446	-80.02624267
Fault utility lines on owned/control land	Tam is subject to failure. Locked private road alternative access point, VFD and park staff have keys.	no		no		WVONR, WVDOOT	Guests may get stranded at the Tam accessed Mountain Creek Lodge at Persimmon State Park.	37.53795718	-81.00891953
ve /creek flooding State-owned road	When the Greenbrier River and Island Creek creeks are unusually high, the site section of Watoga Road leads to Seebert and Riverside Campgrounds, the Greenbrier River is under water.	no		no		WVDOOT, WVONR	The through Watoga State Park road is blocked hindering traffic of visitors and residences. Alternative routes are available.	38.11704777	-80.17388005
ve /creek flooding State-owned road	Culvert became blocked lots of debris clogged the creek bed in high water events.	no		no		WVDOOT, WVONR	Access via Route 22 through State Park is blocked, alternative routes exist.	38.8963377	-78.91611277

From: [Reed, Gabriel A](#)
To: maneesh.sharma@mail.wevu.edu; [Eric Hopkins](#); johnbarnette@ucwv.edu; taiwoajani@ucwv.edu; lisadawkins@ucwv.edu; anniecaredell@ucwv.edu; jasoncheek@ucwv.edu; karafisher@ucwv.edu; mcclellanju@marshall.edu; smith305@marshall.edu; sackerman@fairmontstate.edu; jalanskas@fairmontstate.edu; zalderson@fairmontstate.edu; ALICA.WILLS@outlook.com; jallan@fairmontstate.edu; Heidi.Aloe@fairmontstate.edu; nanderson12@fairmontstate.edu; smichael10@fairmontstate.edu; jaquino@fairmontstate.edu; marnett1@fairmontstate.edu; mccormin@marshall.edu; ucomm@marshall.edu; academicaffairs@wvstateu.edu; registration@wvstateu.edu; alumni@wvstateu.edu; reslife@wvstateu.edu; extension@wvstateu.edu; bookstore@wvstateu.edu; foundation@wvstateu.edu; taborro@wvstateu.edu; alana.dorsey@wvstateu.edu; jacksoc@wvstateu.edu; michael.casey@wvstateu.edu; teresa.casto@wvstateu.edu; jmiller@wvstateu.edu; tkiddie@wvstateu.edu; lewis@wvstateu.edu; vasilios.dianellos@wvstateu.edu; terry.reed@wvstateu.edu; abejou@wvstateu.edu; ukarunathil@wvstateu.edu; stephanie.burdette@wvstateu.edu; zfitchner@wvstateu.edu; alonda.wylie@wvstateu.edu; johnsoct@wvstateu.edu; edward.lomax@wvstateu.edu
Cc: [Subbio, Tony](#)
Subject: WV State Hazard Mitigation Plan update Academia Survey
Date: Thursday, November 10, 2022 9:03:07 AM

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Hello! As you may know, the State of West Virginia is updating its Hazard Mitigation Plan (HMP). The will analyze the hazards faced by the State, its regions and counties, residents, businesses, and other organizations, and will identify a statewide strategy for minimizing the vulnerability to these hazards. You may have received an invitation to the State Planning Team Kickoff Meeting that was held on September 13, 2022 and/or to our upcoming State Planning Team Capabilities Assessment Meeting being held on November 9, 2022. I would like to invite you to provide additional input into our planning process, so that the State HMP can address issues that impact the State and our communities. We have developed a short survey to gather this information. We would greatly appreciate it if you would complete the survey and otherwise participate in this important endeavor. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_Academic.

We would appreciate it if you would complete the survey by November 23, 2022.

Please reach out if you have any questions. Thank you very much!

Have a great day!

--



Gabriel A. Reed, MBA, BSBA

Homeland Security Grant Manager
"State Hazard Mitigation Officer"

WV Emergency Management Division

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Dunbar, WV 25064

gabriel.a.reed@[wv.gov](mailto:gabriel.a.reed@wv.gov)

Office: 304-414-7673 (preferred)

Subbio, Tony

From: Reed, Gabriel A <gabriel.a.reed@wv.gov>
Sent: Tuesday, November 29, 2022 9:01 AM
To: Subbio, Tony; Tate, JaLeesa; hsperringer@mecca911.org; Dean Meadows; zbailey@roanewvema.org; Mikyle White; calhounmaps@yahoo.com; Lou Vargo; Lewis OEM; Walter Smittle; t_aappliance@yahoo.com; kwhite@tuckeroem.org; wvfireman@frontier.com; Keith Gunnoe; Rick Stout; Paula Brown; steve.murray@ccems.org; bjwillis@wayne911.com; rbeltner@aol.com; Luke McKinzie; Pvfdemt17@yahoo.com; E Squires; darmstrong@kanawha.us; alanmiles@roanokecountyoem.com; esdeputydirector@mineralwv.org; Robert K Bowman; George Eidel; lvtac@hotmail.com; Michael Mayhorn; Pegi Bailey; dknotts@marioncountywv.com; Preston OEM & 911; chief10fdm@gmail.com; bmalcolm@hampshirewv.com; mobrien@pocahontasemergency.com; jluck@brookecountyma.com; jcooper@wayne911.com; James Smith; bkelly@pocahontasemergency.com; Logan; Tracey White; JustinJustin Wolfe (jwolfe@preston911.com); CW Sigman; mgilbert@roanewvema.org; Archie Griffith; Patrick A Gray; anickerson@brookecountyma.com; jhoover@morgancountywv.gov; jimwhite801@yahoo.com; Lincoln; Steve Allen; Mike Honaker; cbrandon@barbourcountywv.org; Mike Shook; Richard.rose@websterwv911-oes.com; Steve Byus; rwoodyard@woodcountywv.com; Doug Goolsby; trperry@upshurcounty.org; Teresa VanDyke; Chris Thorn; Denzil.lynch@yahoo.com; dharper@barbourcountywv.org; Cody Fortner; Annette; Braxton County OES Director John Hoffman; sfox@randolphctywv.org; tjcooper@frontier.com; doddcoasstfpm@gmail.com; rmiller@monroecountywv.net; administrator@grantcountywv.org; knight914@frontiernet.net; Jones, Chad; Montana B. Boggess; Bennie Cogar; Steve Lipscomb; Danny Greenleaf; John Zilinski; Hardy; jwenneroem@gmail.com; sporter@logancountyoe.com; Stacy King; Kevin Walker; Randy Lilly; James Wolford; tara.kodak@wycowv.com; Erin Timbrook; francis.holton@e911.org; Chris McIntire; Tom Hart; bgunnoe52@gmail.com; Gordon Merry III; Dick Myers; TJ Crowder; syoho@wetzelswv.com; DHSEM Area Liaisons DL; Lonnie R Bryson; Matthew J Blackwood
Subject: WV 2023 Hazard Mitigation Plan update: County EM Surveys

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Ladies and Gentlemen,

At your convenience the WVEMD requests your valuable time to fill out a short survey to help inform the update of the West Virginia State Hazard Mitigation Plan (HMP). As a reminder, the HMP will analyze the hazards faced by the State, its regions and counties, residents, and businesses, and will identify a statewide strategy for minimizing the vulnerability to these hazards. Thank you to everyone who completed the survey. In an effort to get as much information from everyone as we can, we are going to extend the deadline for completing the survey to Friday, December 9th, 2022.

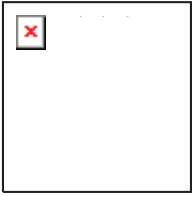
If you have not already completed the survey, please take a few minutes to do so, so that your concerns can be addressed in the updated State HMP. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_CountyEM.

Thank you for your time and participation in this important planning effort.

Let me know if you have any questions. Thank you very much!

Have a great day!

--



Gabriel A. Reed, MBA, BSBA

Homeland Security Grant Manager
"State Hazard Mitigation Officer"

WV Emergency Management Division

2403 Fairlawn Ave.

Dunbar, WV 25064

gabriel.a.reed@wv.gov

Office: 304-414-7673 (preferred)

Q1 Contact Information

Answered: 18 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	100.00%	18
Department/Agency Name	100.00%	18
Primary Responsibility	77.78%	14
Phone number	100.00%	18
Email address	100.00%	18

#	NAME	DATE
1	Michelle S. Tes	12/1/2022 10:52 AM
2	Jason Hoover	11/30/2022 11:38 AM
3	John Z. Nisk	11/29/2022 5:37 PM
4	Steven T. Yoho	11/29/2022 2:11 PM
5	Duane K. Hammon	11/29/2022 11:44 AM
6	Teresa VanDyke	11/29/2022 11:05 AM
7	James Smith	11/29/2022 10:56 AM
8	Chris McIntire	11/29/2022 10:51 AM
9	E. John Hoffman	11/29/2022 10:41 AM
10	PAULA BROWN	11/29/2022 10:39 AM
11	Luke McKenzie	11/29/2022 10:15 AM
12	Pau Lewis	11/29/2022 10:11 AM
13	Melissa G. Bert	11/29/2022 9:53 AM
14	Keith A. Gunnoe	11/29/2022 9:30 AM
15	Gary Steve L. pscomb	11/29/2022 9:20 AM
16	Christopher Shawn Thon	11/29/2022 9:15 AM
17	Tom Cooper	11/29/2022 9:12 AM
18	Kevin White	11/29/2022 9:08 AM

#	DEPARTMENT/AGENCY NAME	DATE
1	Ga. ant County Commission	12/1/2022 10:52 AM
2	Mo. gan County Office of Emergency Services	11/30/2022 11:38 AM
3	Rale. gh County Emergency Services	11/29/2022 5:37 PM
4	Wetze. County Emergency Management	11/29/2022 2:11 PM
5	P. eston County Office of Emergency Management	11/29/2022 11:44 AM
6	McDowe. County EM	11/29/2022 11:05 AM
7	Mononga. a County EM	11/29/2022 10:56 AM

West Virginia State HMP - Stakeholder Surveys | County Emergency Management

8	Marion County Homeland Security and Emergency Management	11/29/2022 10:51 AM
9	Braxton County Emergency Services	11/29/2022 10:41 AM
10	GREENBRIER COUNTY HSEM	11/29/2022 10:39 AM
11	Mineral County OEM	11/29/2022 10:15 AM
12	Hardy Co OEM/922	11/29/2022 10:11 AM
13	Roane County 911/EM	11/29/2022 9:53 AM
14	Mercer County Office of Emergency Management	11/29/2022 9:30 AM
15	Summers Co. Office of Emergency Management	11/29/2022 9:20 AM
16	Taylor County Office of Emergency Management	11/29/2022 9:15 AM
17	Tyler County Emergency Management	11/29/2022 9:12 AM
18	Tucker Co Home Land Security Emergency Management	11/29/2022 9:08 AM

#	PRIMARY RESPONSIBILITY	DATE
1	administrator@grantcountywv.org	12/1/2022 10:52 AM
2	Emergency Management	11/30/2022 11:38 AM
3	Raleigh County	11/29/2022 5:37 PM
4	Preparation, Response, and Recovery for Disasters in Preston County	11/29/2022 11:44 AM
5	EM & 911 Director	11/29/2022 10:56 AM
6	Emergency Manager, Director 911, EMS, Emergency Mgt	11/29/2022 10:41 AM
7	County Administrator/Director of Emergency Management	11/29/2022 10:15 AM
8	Director	11/29/2022 10:11 AM
9	911/EM	11/29/2022 9:53 AM
10	Emergency Management Flood Plain Director	11/29/2022 9:30 AM
11	Director	11/29/2022 9:20 AM
12	Co-Director	11/29/2022 9:15 AM
13	Director	11/29/2022 9:12 AM
14	Director	11/29/2022 9:08 AM

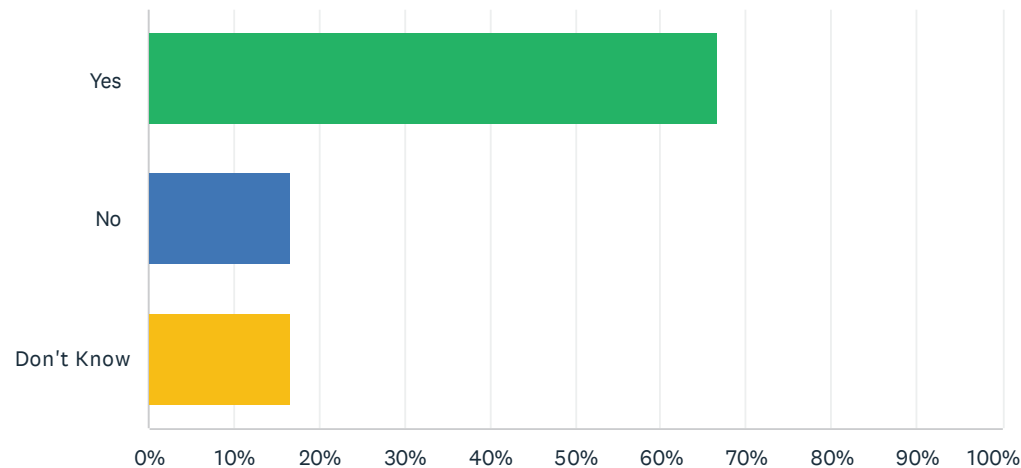
#	PHONE NUMBER	DATE
1	3047037774	12/1/2022 10:52 AM
2	3042686400	11/30/2022 11:38 AM
3	13045733644	11/29/2022 5:37 PM
4	3044556960	11/29/2022 2:11 PM
5	3042889901	11/29/2022 11:44 AM
6	304-436-5700	11/29/2022 11:05 AM
7	304-216-0026	11/29/2022 10:56 AM
8	13042165844	11/29/2022 10:51 AM
9	304-765-3320	11/29/2022 10:41 AM
10	304-645-5444	11/29/2022 10:39 AM
11	304-788-5921	11/29/2022 10:15 AM

West Virginia State HMP - Stakeholder Surveys | County Emergency Management

12	3042574268	11/29/2022 10:11 AM
13	3049270918	11/29/2022 9:53 AM
14	3044878448	11/29/2022 9:30 AM
15	304-466-5613	11/29/2022 9:20 AM
16	304-669-2729	11/29/2022 9:15 AM
17	304-771-3674	11/29/2022 9:12 AM
18	3046423433	11/29/2022 9:08 AM
#	EMAIL ADDRESS	DATE
1	administrator@grantcountywv.org	12/1/2022 10:52 AM
2	jhoover@morgancountywv.gov	11/30/2022 11:38 AM
3	jzilinski@suddenlinkmail.com	11/29/2022 5:37 PM
4	syoho@wetzellwv.com	11/29/2022 2:11 PM
5	duane@preston911.com	11/29/2022 11:44 AM
6	teresa.a.vandyke@wv.gov	11/29/2022 11:05 AM
7	jsmith@mecca911.org	11/29/2022 10:56 AM
8	cmcintire@marioncountywv.com	11/29/2022 10:51 AM
9	braxton.oes801@gmail.com	11/29/2022 10:41 AM
10	pbrown@gchsem.com	11/29/2022 10:39 AM
11	esdirector@mineralwv.org	11/29/2022 10:15 AM
12	hardyeoc@hardynet.com	11/29/2022 10:11 AM
13	mgilbert@roanewwema.org	11/29/2022 9:53 AM
14	mercercocoem1@outlook.com	11/29/2022 9:30 AM
15	summerscounty@frontier.com	11/29/2022 9:20 AM
16	C.shawn.thorn@gmail.com	11/29/2022 9:15 AM
17	tjcooper@frontier.com	11/29/2022 9:12 AM
18	kwhite@tuckeroem.org	11/29/2022 9:08 AM

Q2 Does your county have a written ordinance or resolution formally establishing an emergency management agency (EMA) or division (EMD) and its responsibilities?

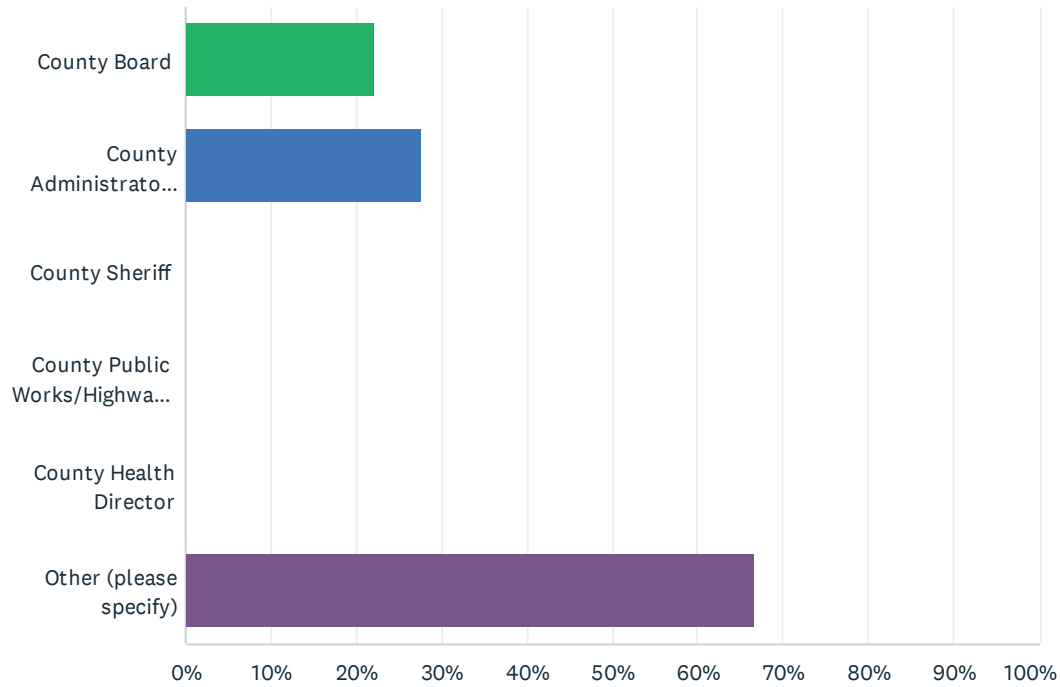
Answered: 18 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		66.67%	12
No		16.67%	3
Don't Know		16.67%	3
TOTAL			18

Q3 Who does your county emergency manager directly report to? Please check all that apply.

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
County Board	22.22%	4
County Administrator/Executive/Manager	27.78%	5
County Sheriff	0.00%	0
County Public Works/Highway Director	0.00%	0
County Health Director	0.00%	0
Other (please specify)	66.67%	12
Total Respondents: 18		

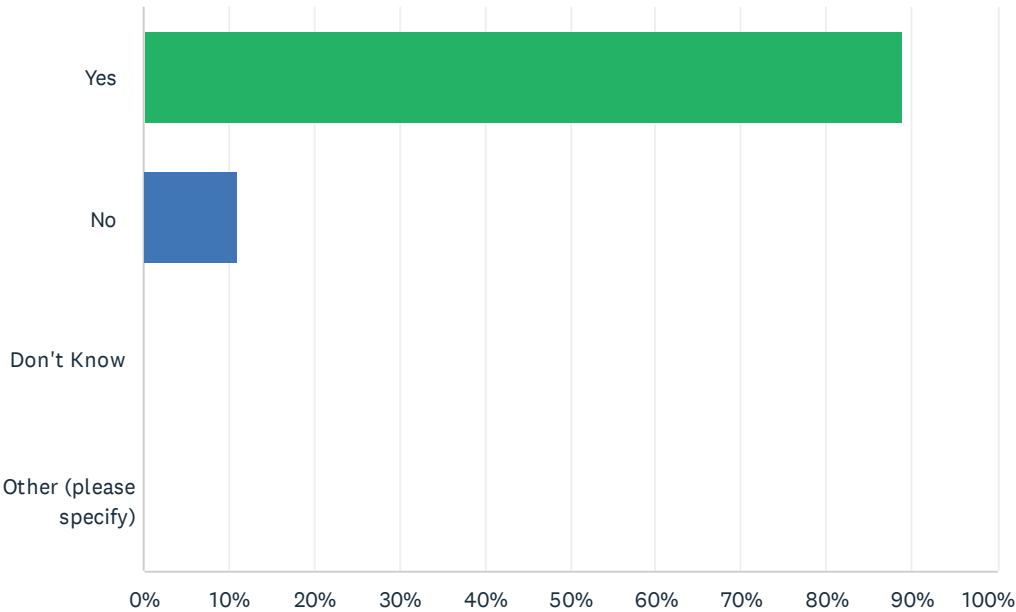
#	OTHER (PLEASE SPECIFY)	DATE
1	Grant County Commission	12/1/2022 10:52 AM
2	County Commission	11/29/2022 2:11 PM
3	County Commission	11/29/2022 11:44 AM
4	County Commission	11/29/2022 11:05 AM
5	County Commission	11/29/2022 10:51 AM
6	COUNTY COMMISSION	11/29/2022 10:39 AM
7	County Commission	11/29/2022 10:11 AM

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8	County Commission	11/29/2022 9:53 AM
9	County Commission	11/29/2022 9:20 AM
10	County Commission	11/29/2022 9:15 AM
11	County Commissioners	11/29/2022 9:12 AM
12	County Commission	11/29/2022 9:08 AM

Q4 Does your county have an Emergency Operations Center (EOC)?

Answered: 18 Skipped: 0



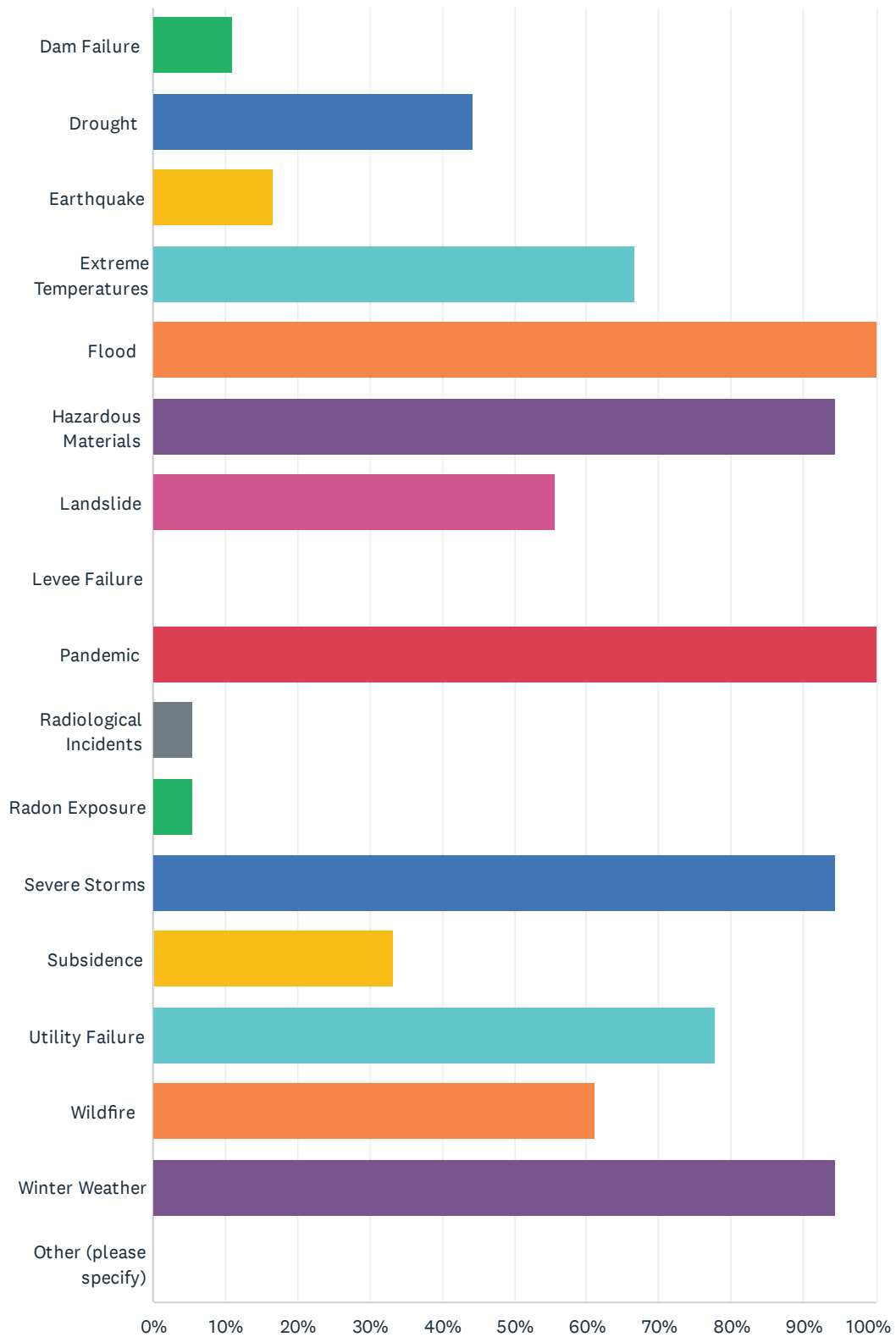
ANSWER CHOICES		RESPONSES	
Yes		88.89%	16
No		11.11%	2
Don't Know		0.00%	0
Othe (p ease spec fy)		0.00%	0
TOTAL			18

#	OTHER (PLEASE SPECIFY)	DATE
	There are no esponses.	

Q5 What kind of hazard events have you experienced? Check all that apply.

Answered: 18 Skipped: 0

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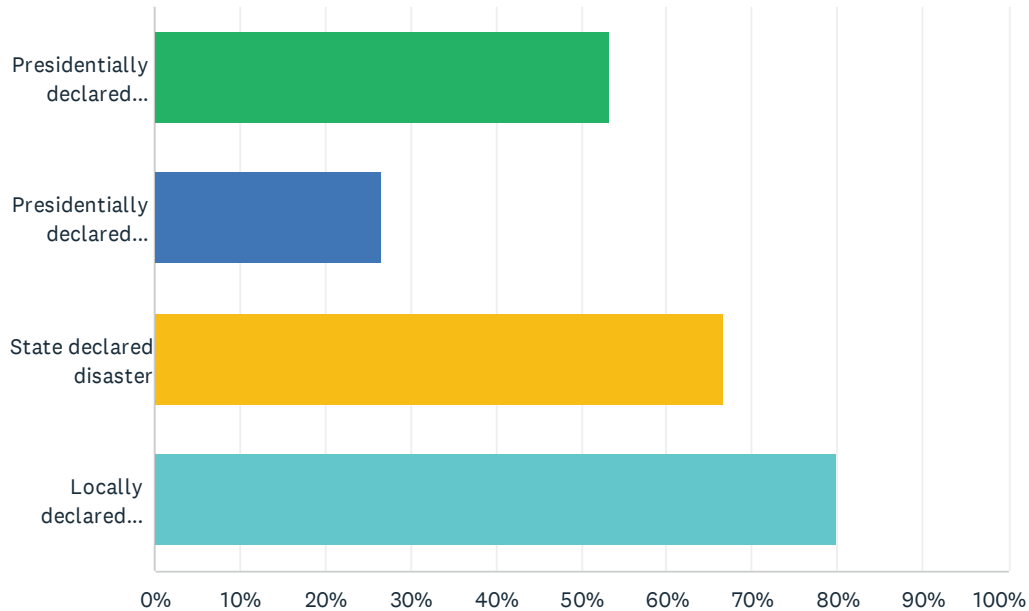
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ANSWER CHOICES	RESPONSES	
Dam Fa u e	11.11%	2
D ought	44.44%	8
Ea thquake	16.67%	3
Ext eme Tempe atu es	66.67%	12
F ood	100.00%	18
Hazardous Mate ia s	94.44%	17
Lands de	55.56%	10
Levee Fa u e	0.00%	0
Pandem c	100.00%	18
Rad olog ca Inc dents	5.56%	1
Radon Exposu e	5.56%	1
Severe Sto ms	94.44%	17
Subs dence	33.33%	6
Ut ty Fai u e	77.78%	14
W df e	61.11%	11
W nter Weathe	94.44%	17
Othe (p ease spec fy)	0.00%	0
Tota Respondents: 18		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no esponses.	

Q6 In the past five years, has your county been part of a disaster or emergency declaration? Please check all that apply.

Answered: 15 Skipped: 3



ANSWER CHOICES	RESPONSES	
Presidentially declared disaster (FEMA DR)	53.33%	8
Presidentially declared emergency (FEMA EM)	26.67%	4
State declared disaster	66.67%	10
Locally declared disaster	80.00%	12
Total Respondents: 15		

#	IF YOU CHECKED OFF ANYTHING ABOVE, IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF THE DAMAGES OR LOSS OF SERVICES.	DATE
1	Unsure, I have only been in this position since Jan 2022. Recording keeping is not very organized. I know the history of flash and levee flooding, as well as multiple severe weather events. Power outages and access are the most significant concerns. Covid-19 affected every county in WV.	11/30/2022 11:50 AM
2	Storms, High Winds, Pandemic, and impacting fooding	11/29/2022 5:41 PM
3	Covid 19 Personal Protective Issues (Local Declaration)	11/29/2022 2:16 PM
4	Winter weather events that have closed roads, power outages had to maintain roads to healthcare providers. Flooding events	11/29/2022 12:02 PM
5	Flooding and Pandemic	11/29/2022 11:07 AM
6	1) Covid Pandemic 2) Severe Storms As for the pandemic, our numbers of those who contacted the virus were on par per capita with the rest of West Virginia. As for storms, severe severe thunderstorms continue to affect a number of businesses in the Flatwoods area	11/29/2022 10:51 AM

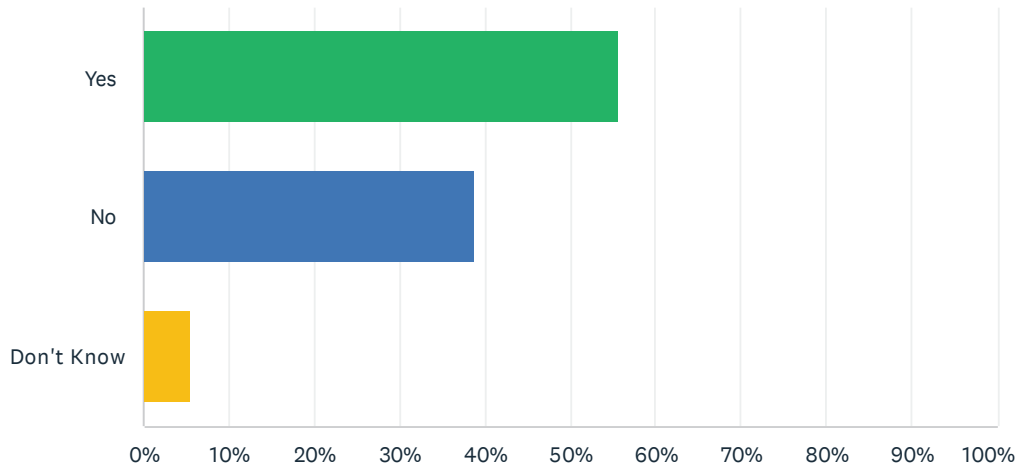
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near exit 67 of I-79. We have had several minor hazmat incidents related to traffic accidents on the Interstate primarily dealing with fuel leakage, but nothing major.

7	4273-loss of life, housing loss, emergency shelter loss, power/generator losses, significant number of HMGP projects awarded or rolled into next disaster.	11/29/2022 10:47 AM
8	Covid-19	11/29/2022 10:31 AM
9	Snow storms	11/29/2022 10:14 AM
10	Flooding. Minimal damages, but widespread throughout the county.	11/29/2022 9:57 AM
11	No	11/29/2022 9:32 AM
12	Multiple flooding. No local declarations not related to a State declaration.	11/29/2022 9:27 AM
13	Flooding in areas throughout our County with no loss of life. Minor damages Pandemic which effected the entire world with death of our population, Medical Emergency, and supply issues	11/29/2022 9:17 AM
14	COVID Declaration	11/29/2022 9:14 AM

Q7 Does your county have any hazard-related problems that could impact beyond your borders into neighboring counties or states (e.g., a large industrial facility that could release hazardous materials into several jurisdictions)?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES
Yes	55.56% 10
No	38.89% 7
Don't Know	5.56% 1
TOTAL	18

#	IF YES, PLEASE SPECIFY.	DATE
1	Transportation HazMat incidents involving rail overload at the Ma y and/WV line near Hancock, MD.	11/30/2022 11:50 AM
2	Columbia Gas located in F at Top. Raleigh, Me ce and Summe s County border at that location.	11/29/2022 5:41 PM
3	Natural Gas and other Chemical Plants	11/29/2022 2:16 PM
4	Chemical plant along the Mon River	11/29/2022 12:02 PM
5	Hazmat Spill into the Cheat River	11/29/2022 11:50 AM
6	monitored by T e II reports but material transported down the Greenb e River to Meadow River impact downstream counties.	11/29/2022 10:47 AM
7	North op G umman	11/29/2022 10:31 AM
8	Many fooding	11/29/2022 10:14 AM
9	Coal mine impoundment ponds, that failed with entire into 2 counties source water	11/29/2022 9:19 AM
10	Chemical industry	11/29/2022 9:14 AM

Q8 What potential impacts [REDACTED] are most concerning to you?

Answered: 15 Skipped: 3

#	RESPONSES	DATE
1	None	12/1/2022 11:00 AM
2	Increasingly powerful severe weather events. Also, there has been no contingent secondary water supply identified for the Town of Bath's municipal water supply, which comes from deep springs underground.	11/30/2022 11:50 AM
3	Weather	11/29/2022 5:41 PM
4	Heavy rains and poor drainage has caused more and more flooding in our area with the addition of the oil and gas companies ceasing and the water levels rising quickly when we have a rain and has caused some flash flooding incidents	11/29/2022 2:16 PM
5	Flooding in the urban areas due to lack of stormwater drainage.	11/29/2022 12:02 PM
6	None	11/29/2022 11:50 AM
7	NA	11/29/2022 10:54 AM
8	None other than the hysteria created by those exaggerating and presenting misleading data.	11/29/2022 10:51 AM
9	Increased flooding intensity, drought	11/29/2022 10:47 AM
10	Drought and severe thunderstorms	11/29/2022 10:14 AM
11	Severe storms resulting in flooding, damages to roads, damages to homes, and more. Drought affecting farms.	11/29/2022 9:57 AM
12	Flooding and weather-related events	11/29/2022 9:32 AM
13	Limited slides / slips due to excessive rainfall.	11/29/2022 9:27 AM
14	Flooding, landslides, etc...	11/29/2022 9:19 AM
15	Water Supply, Potential drought Weather events such as Flooding and Snowstorms	11/29/2022 9:17 AM

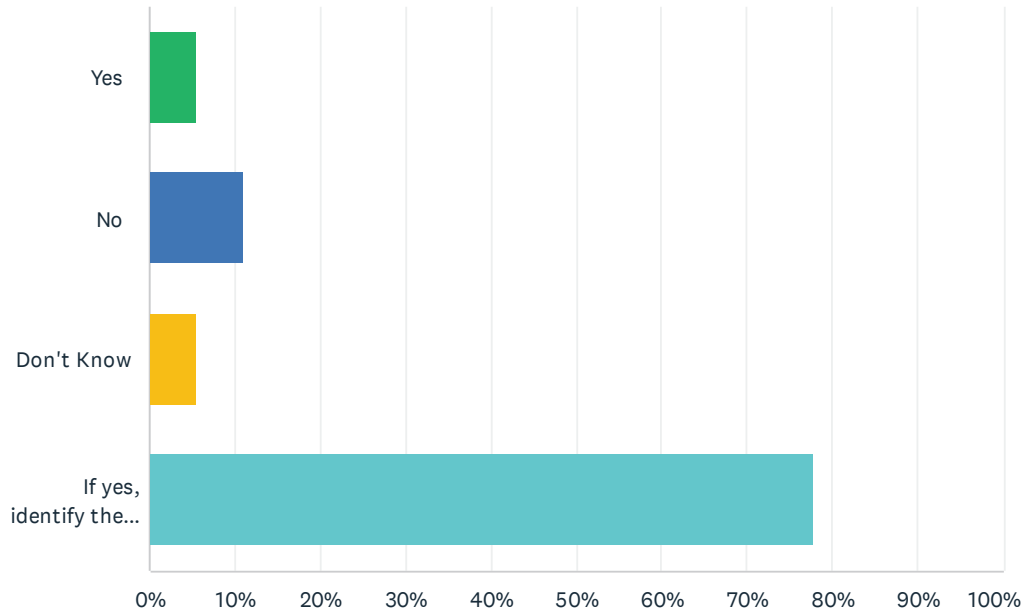
Q9 What challenges or barriers to reducing vulnerability in West Virginia do you see?

Answered: 16 Skipped: 2

#	RESPONSES	DATE
1	WV SIRM needs fully funded. The cost of funding EMS and lack of volunteers for EMS and Fire response.	12/1/2022 11:00 AM
2	Funding to mitigate known hazards.	11/30/2022 11:50 AM
3	Funding	11/29/2022 5:41 PM
4	In the further reaches of our County we have very little internet connectivity and very bad phone service and the public is hard to notify of disasters and emergencies in these areas and the remoteness of these people it is hard to get anyone to assist them quickly	11/29/2022 2:16 PM
5	Lack of infrastructure and regulations	11/29/2022 12:02 PM
6	Funding.	11/29/2022 11:50 AM
7	Need underground or better maintained utility lines. Funding and streamline grants for Mitigation	11/29/2022 10:54 AM
8	When common sense solutions are available, such as clearing streams and creeks of overgrowth, the federal and state government red tape involved to facilitate the solution become a huge barrier. Funding to help facilitate the solutions from the federal or state government could greatly reduce losses.	11/29/2022 10:51 AM
9	Challenge to reduce flood vulnerability in highest risk areas without dredging or diverting rivers impacting key municipalities.	11/29/2022 10:47 AM
10	Funding	11/29/2022 10:31 AM
11	For flooding not having strand and rivers cleaned after storms	11/29/2022 10:14 AM
12	Lack of staffing. Outdated local plans. Funding on a local level to deal with pre-disaster preparation.	11/29/2022 9:57 AM
13	Money	11/29/2022 9:32 AM
14	Funding and concern by higher level government officials.	11/29/2022 9:27 AM
15	Funding, public confidence/optics	11/29/2022 9:19 AM
16	Money and availability of resources	11/29/2022 9:17 AM

Q10 Are any of your county's critical facilities located in known hazard areas (e.g., floodplain, wildfire, landslides, etc.)?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	5.56%	1
No	11.11%	2
Don't Know	5.56%	1
If yes, identify the facilities and their locations.	77.78%	14
TOTAL		18

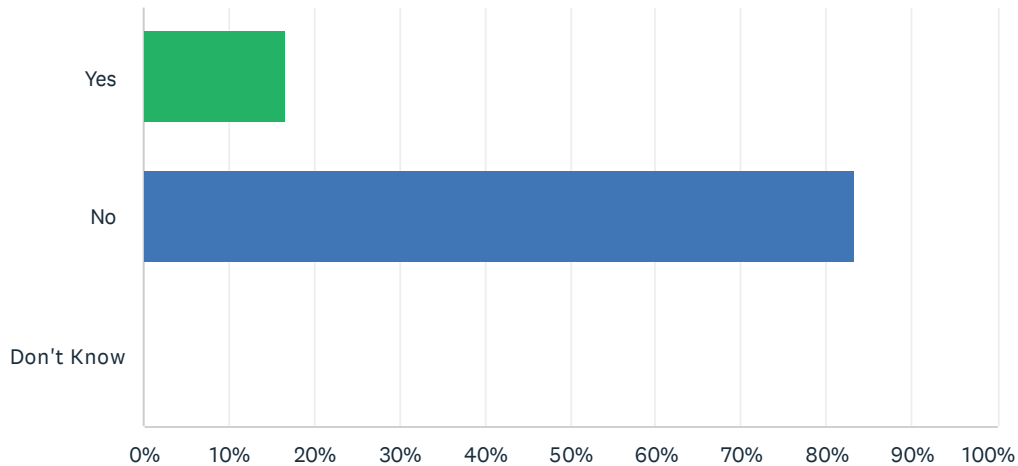
#	IF YES, IDENTIFY THE FACILITIES AND THEIR LOCATIONS.	DATE
1	City of Petesburg's sewer and water treatment plants. First Energy's substation. The Grant County Public Service District pumping stations don't have backup power.	12/1/2022 11:12 AM
2	Several Fire Departments are located in the Floodplain	11/29/2022 5:51 PM
3	Rowlesburg / Fire & EMS in Rowlesburg	11/29/2022 2:53 PM
4	We have fire stations in the floodplain and some water wells are also in these areas	11/29/2022 2:25 PM
5	Rails located along several roads/dead ends	11/29/2022 12:02 PM
6	Welch Community Hospital	11/29/2022 11:12 AM
7	Ronceverte Town Hall and dead end now moved but Police Department is still there. Lewisburg Water System uses Greenbrier River as source water and is vulnerable.	11/29/2022 11:11 AM
8	Some MonPower substations are vulnerable to wildfire. Some county facilities and some local departments are vulnerable to catastrophic flooding in the event of dam failure at the of our two USACE project facilities.	11/29/2022 11:06 AM

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9	some sewer pump stations and 2 water pump stations	11/29/2022 11:00 AM
10	911 Center, EMS Station, and one fire department are located within a floodplain.	11/29/2022 10:45 AM
11	Many of our schools are located within floodplains as well as many fire and EMS departments	11/29/2022 10:35 AM
12	We have a couple of the Vol Fire departments located in flood zones Bramwell Vol FD, Montcalm Vol FD.	11/29/2022 9:40 AM
13	Summers Co. High / Middle School & Hinton Sanitary Bd. treatment plant both in New River flood plain	11/29/2022 9:33 AM
14	EOC is in the flood plain as is the Courthouse. And Weather events can affect all of our facilities	11/29/2022 9:24 AM

Q11 Do you think that critical facilities and community lifelines in your county (incl. fire departments, police stations, EMS, hospitals and medical centers) are disaster-resistant (e.g., are properly located and constructed, and have back-up power as appropriate)?

Answered: 18 Skipped: 0



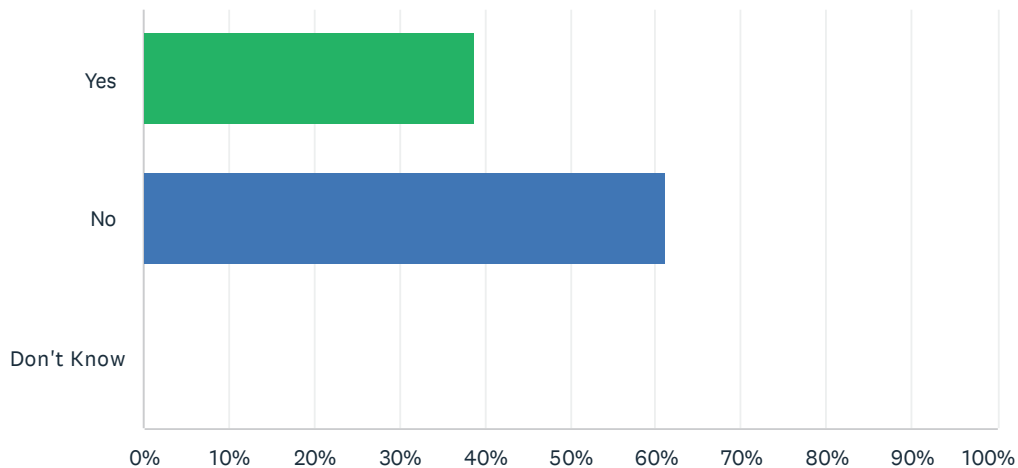
ANSWER CHOICES	RESPONSES	
Yes	16.67%	3
No	83.33%	15
Don't Know	0.00%	0
TOTAL		18

#	IF YES, PLEASE EXPLAIN.	DATE
1	only a few of the Fire and EMS Agencies have back up power. There is a huge need for Back up Power in all our county water systems. As these systems expand this need becomes more and more prevalent when a Disaster Strikes.	11/29/2022 2:53 PM
2	Most have back-up power but at least the fire station and 2 EMS stations are located in the floodplain	11/29/2022 2:25 PM
3	Most do not have back up power supply	11/29/2022 12:02 PM
4	Most of the Fire Departments in the county have generators but may still be at risk in the FP. No shelter in place out of the floodplain with generators. Hospital has a generator but frequent Boil Water Advisories significantly impact hospital procedures and operations. Lewisburg Water system is vulnerable due to its source. Most of the day's centers now have generators and tanks on-site.	11/29/2022 11:11 AM
5	Our EMS and 911 facility are disaster-resistant except for a direct hit from a tornado. Our police stations and most of the fire departments do not have back up emergency power supplies. Our hospital is disaster-resistant except for a catastrophic dam failure and in certain flooding scenarios, become inaccessible.	11/29/2022 11:06 AM
6	None of the fire departments nor EMS stations have back-up power. Police and sheriff's office do not have back-up power. 911 and EMS are both located in a floodplain and both facilities	11/29/2022 10:45 AM

have sustained flooding.

Q12 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: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	38.89%	7
No	61.11%	11
Don't Know	0.00%	0
TOTAL		18

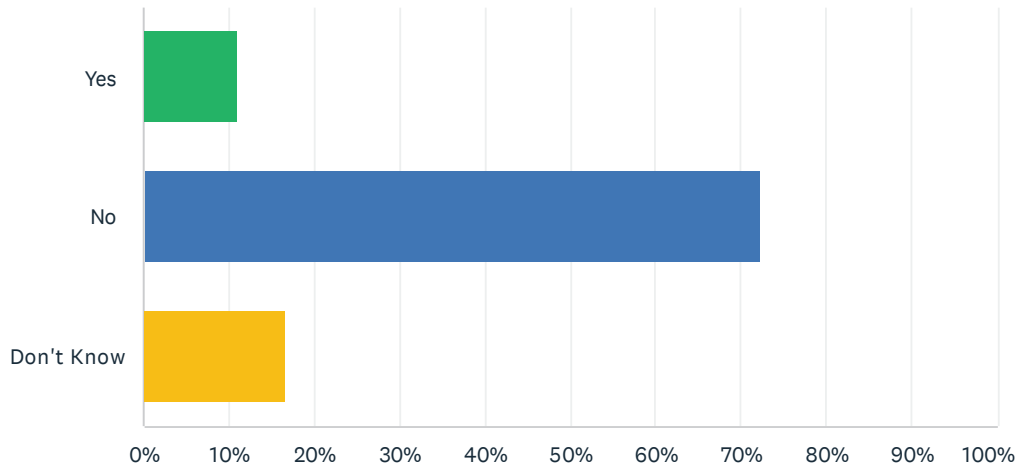
#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	No known issues.	12/1/2022 11:12 AM
2	Multiple bridges are in need of replacement according to the WVDOH.	11/30/2022 11:59 AM
3	Poor drainage maintenance.	11/29/2022 5:51 PM
4	Roads in the area flood and are ditched on main and secondary roads overflow and leave debris in the roadway. This is caused because ditches are easily cleaned out.	11/29/2022 2:53 PM
5	We have a lot of culverts under our roadways that are clogged or partially clogged and many places where the edges of the roadway are broken and sinking over the hole.	11/29/2022 2:25 PM
6	Lack of road Rt. that can be changed to handle traffic flow.	11/29/2022 12:02 PM
7	Sometimes due to flooding issues at the Coney Island underpass and McDowell Street underpass makes it difficult/impossible to access the hospital.	11/29/2022 11:12 AM
8	Roads and bridges need improved. Still emanating damage from 2016 flood and road closures impacting Rt 60 in western Greenbrier due to storm drains, flooding, debris blockages are more frequent and significant impacts emergency services, residents, and business transportation in the area when closed.	11/29/2022 11:11 AM
9	The interstate, and major state highways seem to be designed properly and can handle most disaster scenarios, however secondary roads are significantly weak and many are not even backstopped and subject to heavy erosion and slips.	11/29/2022 11:06 AM

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10	We have alternate routes to most of our facilities.	11/29/2022 10:45 AM
11	For the most part.	11/29/2022 9:40 AM
12	Yes, in general. Improvements are always possible.	11/29/2022 9:33 AM
13	Many roads and bridges have no alternate route	11/29/2022 9:24 AM
14	Some transportation infrastructure is outdated	11/29/2022 9:21 AM

Q13 Do you think that the utility infrastructure in your county and the state (such as electricity, communications, water, and sewer) are sufficiently disaster-resistant to support emergency services (police, fire, and EMS) after hazard events?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	11.11%	2
No	72.22%	13
Don't Know	16.67%	3
TOTAL		18

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	The Grant County Public Service District pump and storage stations don't have backup power. Some fire systems only have one route. Lack of broadband.	12/1/2022 11:12 AM
2	Historically, issues have involved power failure, minor shutdowns of water and sewer system due to flooding, and downtown buildings located in Berkeley Springs damaged due to flash flooding events.	11/30/2022 11:59 AM
3	Several states don't have generators but it has gotten better.	11/29/2022 5:51 PM
4	Need backup generators at several of these facilities.	11/29/2022 2:53 PM
5	Fire Phone services not available in our communities and they have not maintained any of the lines in the area. Some of our smaller Public Water suppliers are chasing leaks at the time due to the age of the lines and they are unable to keep water to the customers and for those ones that do deal with sewer they are having the same issues, aging pipes that are not able to handle the use that they once did.	11/29/2022 2:25 PM
6	No backup plans that are functional.	11/29/2022 12:02 PM
7	In the city of Welch - Yes. Other parts of the county - No.	11/29/2022 11:12 AM
8	Electricity/phone services vulnerable due to primary overhead line feeds (decho impact). Water vulnerable due to the source that may be contaminated during flooding events.	11/29/2022 11:11 AM

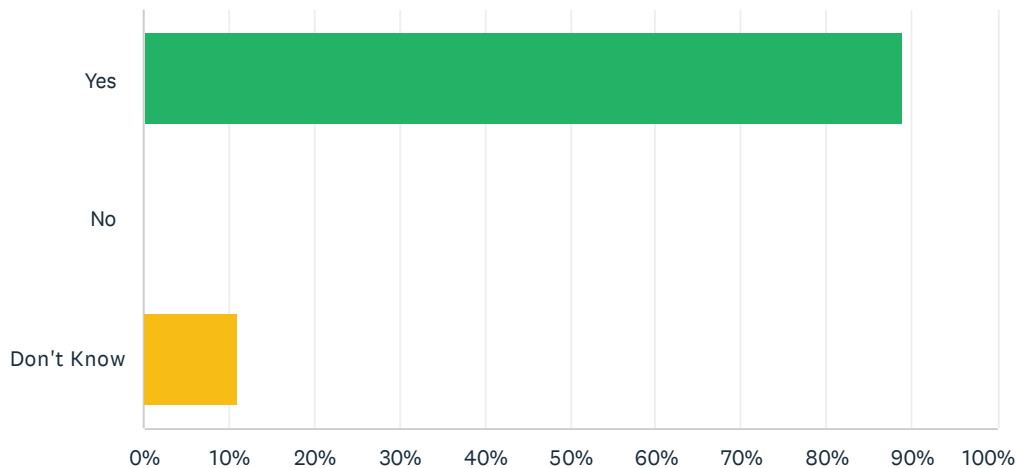
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hazmat spills. Communications for emergency services adequate due to expanded SIRN and tower system.

9	Electricity and communications yes, but water and sewer facilities sit in flood plain or flood prone areas.	11/29/2022 11:06 AM
10	Phone lines have been knocked down by trees and still down for years. Two major water plants have no backup power. Need backup plan for primary water source if contaminated. Need conventional repeaters to back up state radio system if down.	11/29/2022 11:00 AM
11	We have an antiquated communications system at the tower sites throughout the county. Each fire department owns their own radio system and they do not maintain them as they should. There's also no funding from my department to help with the maintain/replacement of such communication systems.	11/29/2022 10:45 AM
12	Many of our infrastructure systems are aged and have problems during fair weather	11/29/2022 10:35 AM
13	Yes, in general. Improvements are always possible. See question 10.	11/29/2022 9:33 AM
14	power lines and other communication cabled utilities have many trees and other issues that during severe disasters/storms parts of county without power for days/weeks	11/29/2022 9:24 AM
15	To the best of their ability	11/29/2022 9:24 AM
16	Some utility infrastructure is outdated	11/29/2022 9:21 AM

Q14 Do you think that your county works to inform your constituents of how they can better manage their risk to hazards (e.g., proper use of portable generators, driving during storms, etc.)?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	88.89%	16
No	0.00%	0
Don't Know	11.11%	2
TOTAL		18

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	Push ng stuff out on soc a med a, conduct ng safety fa s, CERT t a n ng.	11/29/2022 5:51 PM
2	We t y to he p w th g ants fo Gene ato s but have been tu ned down. Work with ocal ad o stat ons du ng storms to adv se the publ c.	11/29/2022 2:53 PM
3	We go to the fa s and fest va s and get nfo out to the publ c about how to be p epared and we have ou Code Red system to send out eme gency messages and a soc a med a page that we get nfo out to the pub c th u as we	11/29/2022 2:25 PM
4	Pub c out each	11/29/2022 12:02 PM
5	There s nfo mat on put on ou FB page. The nfo mat on that s put out the e s not cons stent.	11/29/2022 11:12 AM
6	we t y, but p epa edness educat on s not ead y/eas y accepted and t's d ff cu t to enact change for peop e to take pe sona espons b ty fo p epa edness vs. expect ng t from eme gency serv ces.	11/29/2022 11:11 AM
7	Ou eme gency serv ces office s constant y ssu ng preparedness messages th ough mu t p e med a sou ces, espec a y when a seve e event s ant c pated.	11/29/2022 11:06 AM
8	We p ov de nfo mat on on ou web page and by news med a.	11/29/2022 11:00 AM
9	We wo k c osely with LEPC AND CERT p og ams	11/29/2022 10:16 AM
10	We cou d do bette , but We do push out safety nfo on soc a med a to bette he p educate the	11/29/2022 9:40 AM

public on safety

11	Posts to the County website and Commissioners facebook posts.	11/29/2022 9:33 AM
12	Utilize social media to frequently update county citizens and inform them	11/29/2022 9:24 AM

Q15 Are there any state-owned facilities or infrastructure in your county that cause problems at the local level (for example, a state-owned bridge that is often clogged with debris resulting in flooding of nearby neighborhoods)?

Answered: 16 Skipped: 2

#	RESPONSES	DATE
1	Jordan Run Road needs road signs replaced that always local Law Enforcement to ticket when in appropriate truck type vehicles are using that route.	12/1/2022 11:12 AM
2	WVDOH has been very responsive to requests from this office to clear debris and sedimentation at bridge locations.	11/30/2022 11:59 AM
3	100 blk Hartley Ave & Rt. 19, Beckley 2200 blk Sullivan Road, Sullivan Coal City Road & Odd Road intersection 6000 blk Coal City Road, Mead	11/29/2022 5:51 PM
4	Mainly slides on road ways.	11/29/2022 2:53 PM
5	Other than the roadway issues none	11/29/2022 2:25 PM
6	Yes, I-68 bridge over Cheat Lake has lack of drainage and will fill with water.	11/29/2022 12:02 PM
7	There is a bridge at War FD. Do not know if it is the City's bridge or a state bridge. But the bridge has caused problems with the fire department responding in a timely manner.	11/29/2022 11:12 AM
8	The tressle area in Rainelle is known to impact flooding in Town of Rainelle	11/29/2022 11:11 AM
9	No.	11/29/2022 11:06 AM
10	County has been paying for debris clearing in streams	11/29/2022 11:00 AM
11	No	11/29/2022 10:16 AM
12	Not really. I have a good working relationship with WVDOH here in Mercer County. They generally will address issues as they arise and assist to correct.	11/29/2022 9:40 AM
13	No	11/29/2022 9:33 AM
14	No	11/29/2022 9:24 AM
15	Yes, there are many issues	11/29/2022 9:24 AM
16	Tyler County is the only county on the Ohio River that has no bridge across the river. We have to rely on a ferry boat that only operates seasonally, weather permitting.	11/29/2022 9:21 AM

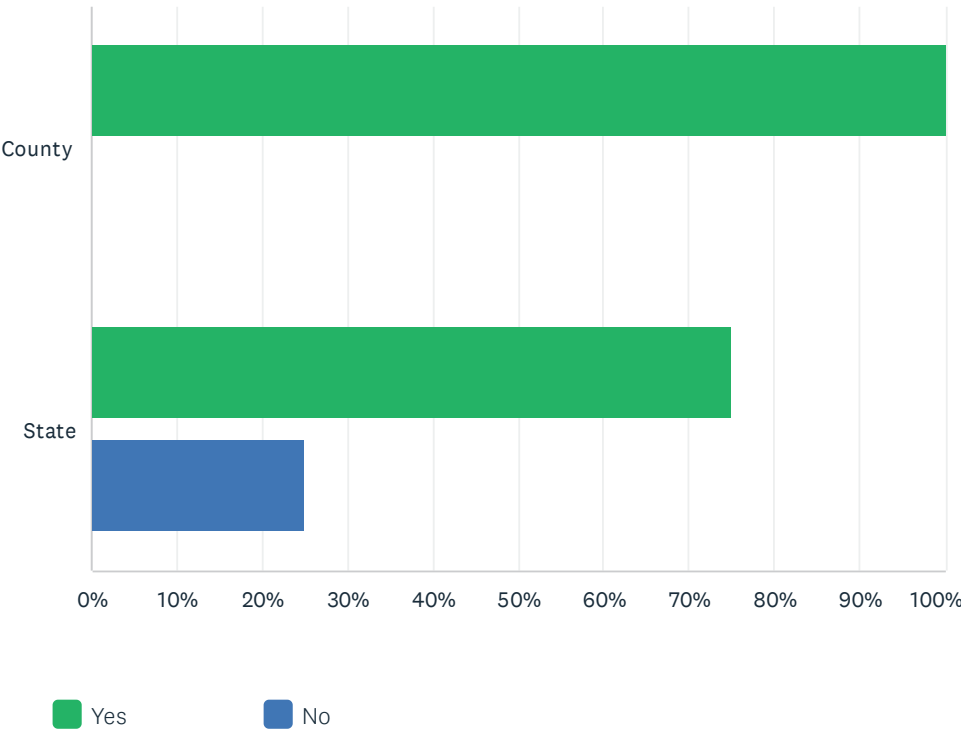
Q16 What support does your organization need from the State to reduce your vulnerability?

Answered: 18 Skipped: 0

#	RESPONSES	DATE
1	Funding	12/1/2022 11:12 AM
2	1. Planning support to identify projects and funding to mitigate flash flooding issues in Berkeley Springs. 2. Funding to complete the identified projects. 3. Funding to supplement decreasing volunteer fire services. 4. Prioritization to replace bridges and road infrastructure to include flooding concerns.	11/30/2022 11:59 AM
3	Storm Drainage fixed in numerous locations	11/29/2022 5:51 PM
4	Better maintenance on roadways. Clearing of already plugged streams	11/29/2022 2:53 PM
5	Our local state road is short handed and need more workers to be able to get the needed repairs done	11/29/2022 2:25 PM
6	Maintenace to infrastructure, Building and replacing outdated infrastructure.	11/29/2022 12:02 PM
7	Unsure at this time.	11/29/2022 11:12 AM
8	Hazard Mitigation funding, hazard mitigation staffing is inadequate, classes for elected officials to recognize their responsibility and role during emergency events, increased funding to agencies like WV VOAD for recovery assistance	11/29/2022 11:11 AM
9	1) Funding or a source to provide stream/creek overgrowth clearing. 2) Emergency generators for ALL fire departments, the Sheriff's Department, and even the local State Police detachment. 3) A source for hazmat response at the technician level. We are too small to maintain that level of training and equipment needed to handle a more serious hazmat type incident.	11/29/2022 11:06 AM
10	We need a statewide planning tool like Pennsylvania uses for planning (Everyone is on the same page). Online mitigation plan were pictures and information can be stored and uploaded easily.	11/29/2022 11:00 AM
11	I've applied for grants to help pay for communications upgrades, revision of Emergency Operations Plan, and more and I'm always denied funding. Our county does not set funding aside for such projects and my agency receives no funding from the county commission.	11/29/2022 10:45 AM
12	Funding for early warning systems, flood monitoring, mitigation devices, education, etc	11/29/2022 10:35 AM
13	Programs and funding	11/29/2022 10:16 AM
14	unsure at this time.	11/29/2022 9:40 AM
15	As always funding is important.	11/29/2022 9:33 AM
16	Funding and guidance	11/29/2022 9:24 AM
17	More programs to clean streams.	11/29/2022 9:24 AM
18	Transportation infrastructure needs updated Utility infrastructure needs updated	11/29/2022 9:21 AM

Q17 Have you been involved in disaster preparedness, response, or recovery efforts in your county or in the State? Check all that apply.

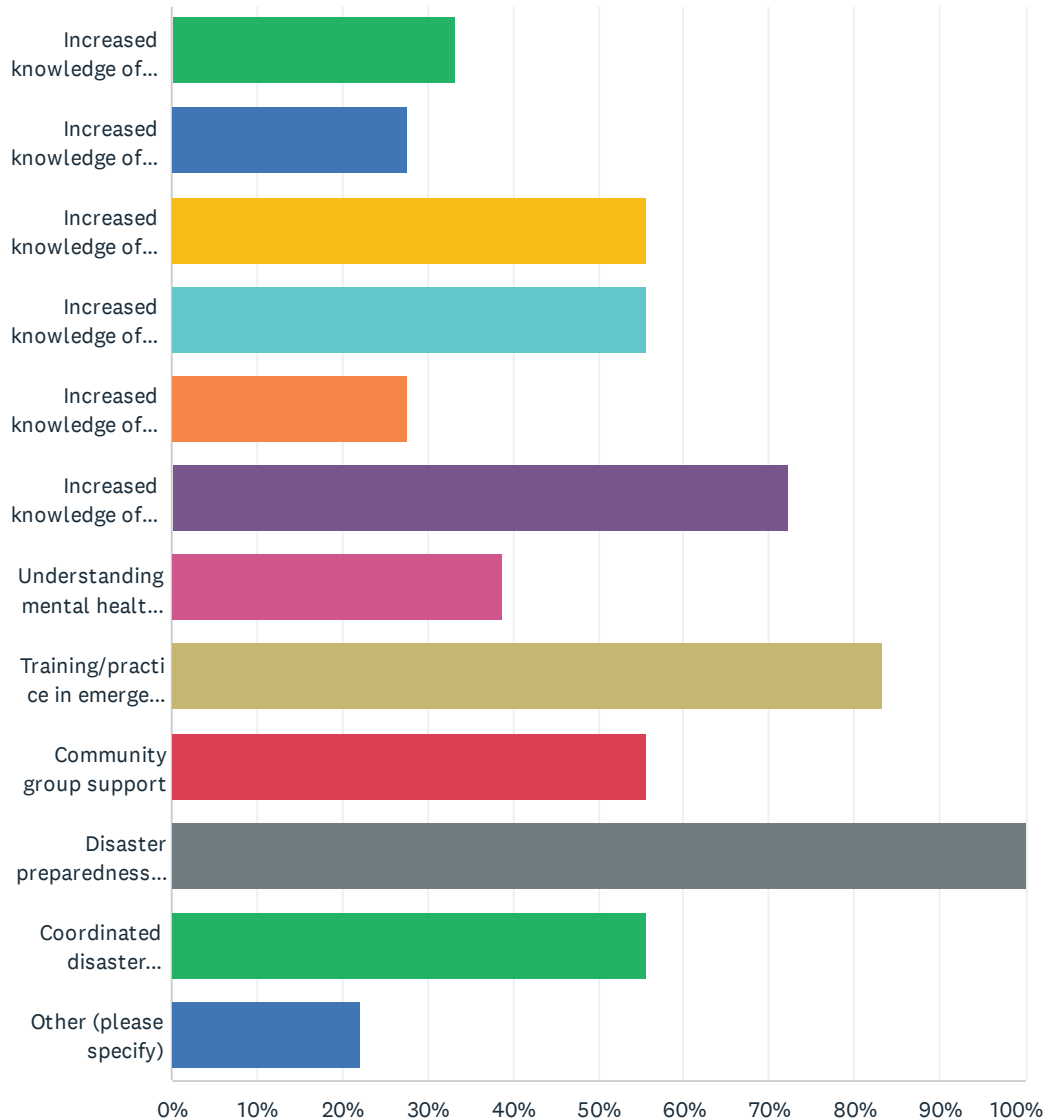
Answered: 18 Skipped: 0



	YES	NO	TOTAL RESPONDENTS
County	100.00% 18	0.00% 0	18
State	75.00% 12	25.00% 4	16

Q18 What kinds of support would have or will help your county be more prepared to respond to hazard events/disasters? (select all that apply)

Answered: 18 Skipped: 0

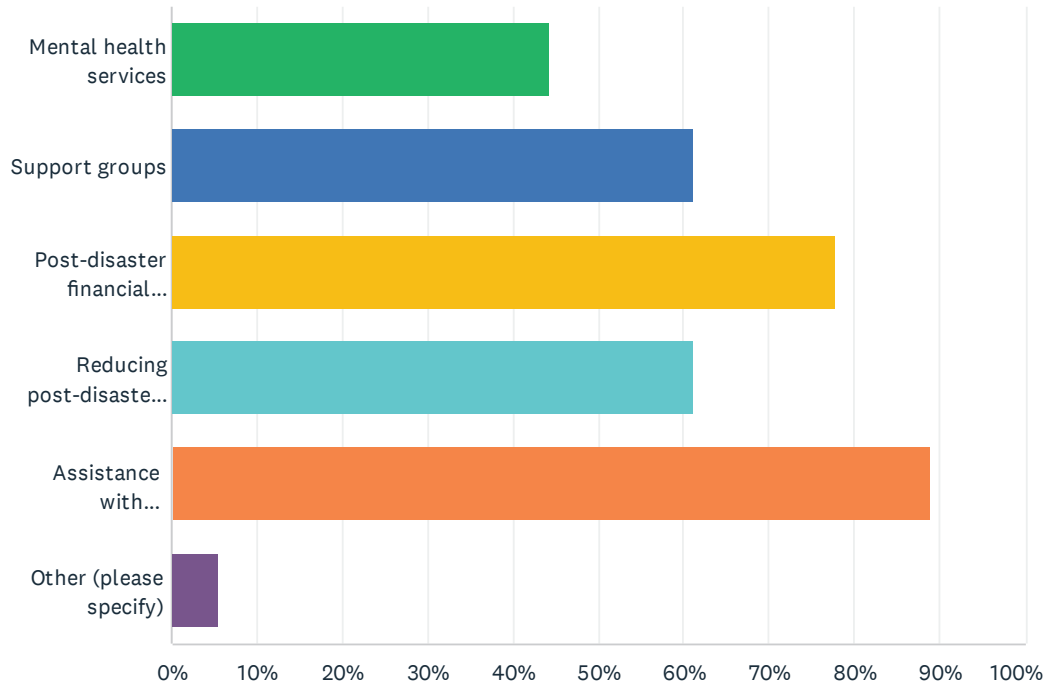


ANSWER CHOICES	RESPONSES	
Increased knowledge of the disaster response system	33.33%	6
Increased knowledge of the risks to the county and/or state	27.78%	5
Increased knowledge of how to mitigate risks	55.56%	10
Increased knowledge of evacuation orders and procedures	55.56%	10
Increased knowledge of what to take during an evacuation	27.78%	5
Increased knowledge of how to assist vulnerable populations	72.22%	13
Understanding mental health implications of a hazard event/disaster	38.89%	7
Training/participation in emergency response	83.33%	15
Community group support	55.56%	10
Disaster preparedness equipment and/or materials	100.00%	18
Coordinated disaster preparedness planning	55.56%	10
Other (please specify)	22.22%	4
Total Respondents: 18		

#	OTHER (PLEASE SPECIFY)	DATE
1	Funding	12/1/2022 11:27 AM
2	More revenue for mitigation projects.	11/29/2022 3:03 PM
3	We have a new EM Deputy Director that will need training as the EM office moves forward. I will be retiring in a few days.	11/29/2022 11:35 AM
4	case management support expanded for WV VOAD	11/29/2022 11:26 AM

Q19 What kinds of support did or will help your county recover from hazard events/disasters? (select all that apply)

Answered: 18 Skipped: 0

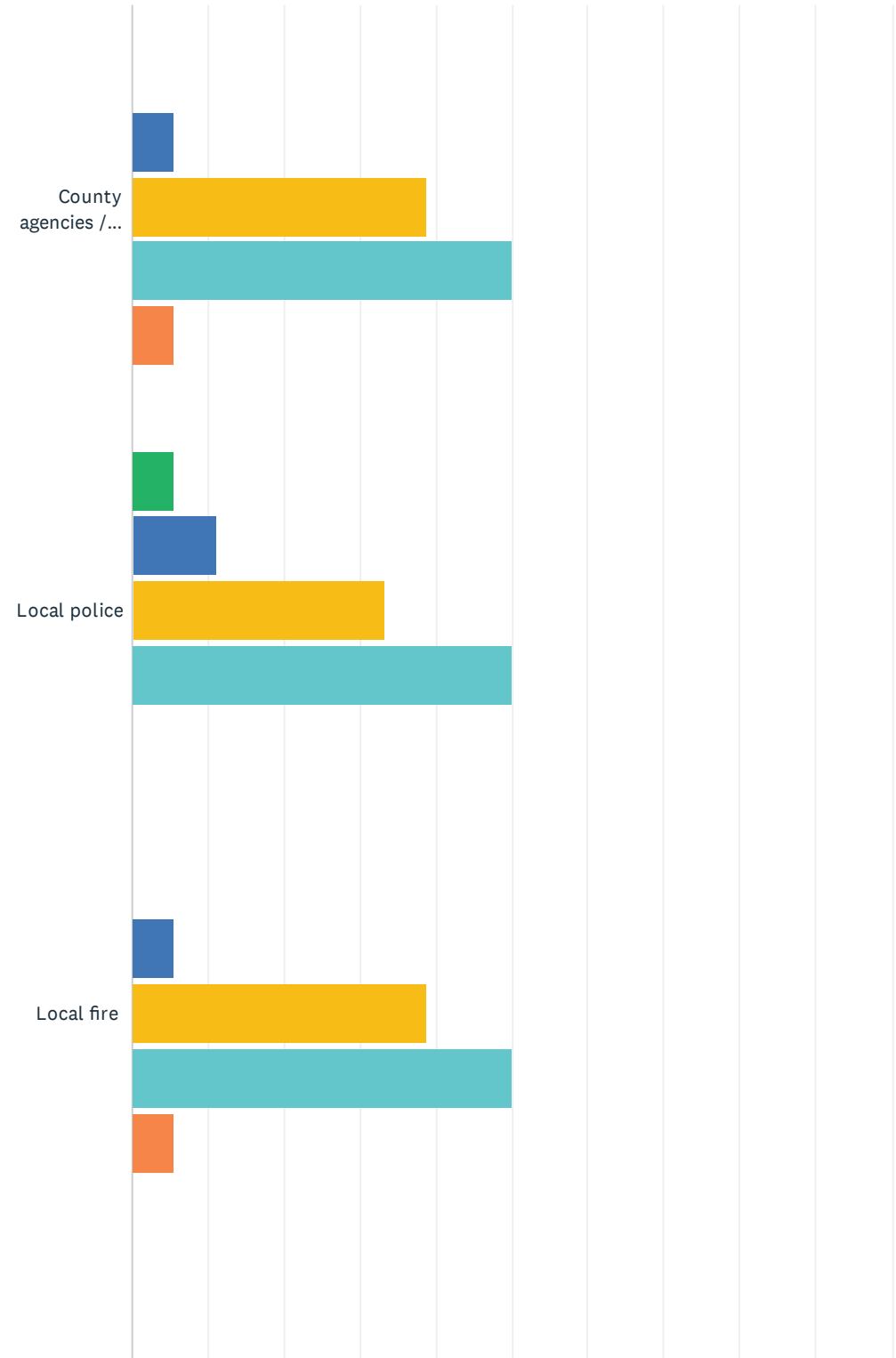


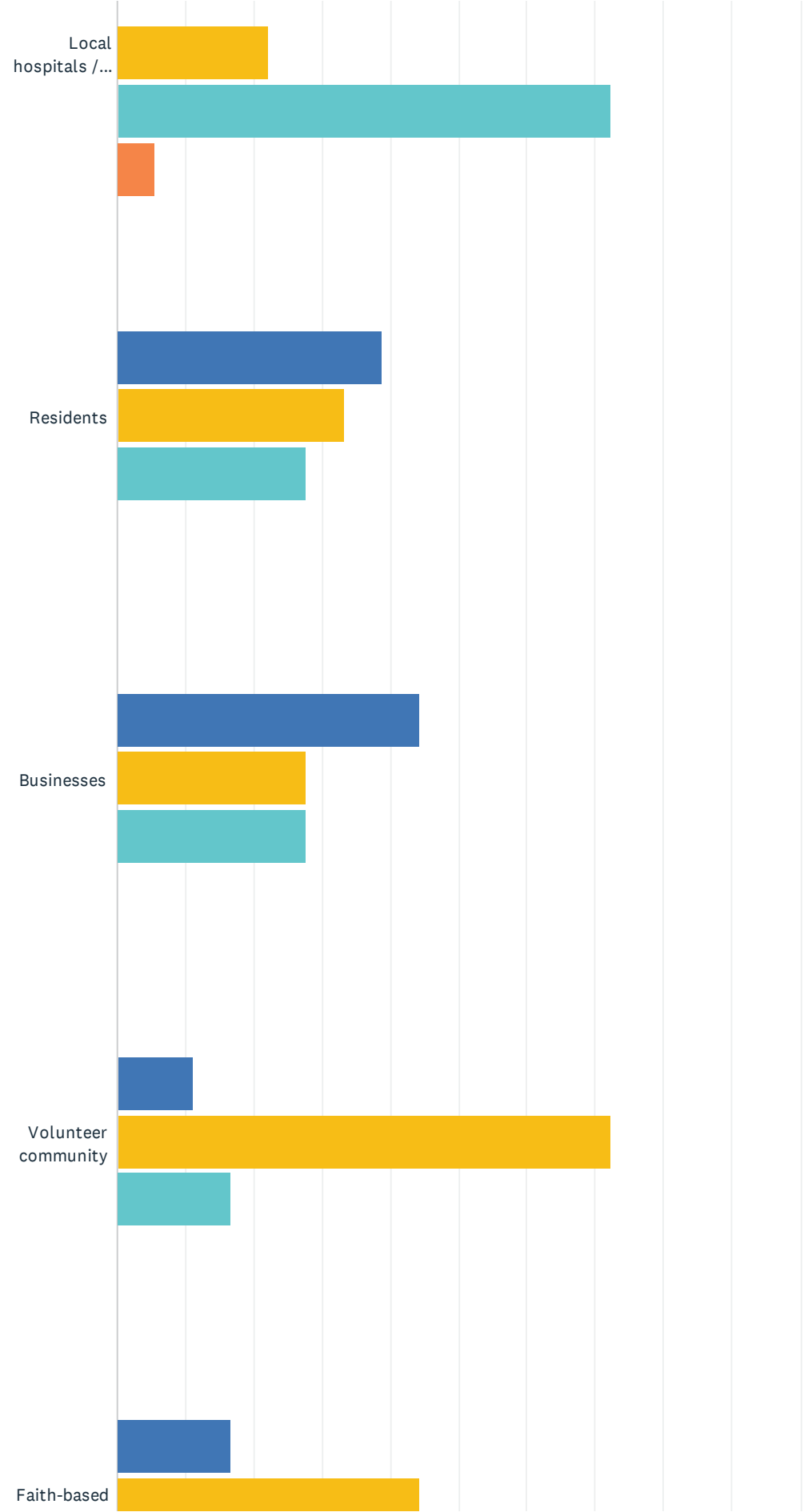
ANSWER CHOICES		RESPONSES	
Mental health services		44.44%	8
Support groups		61.11%	11
Post-disaster financial assistance		77.78%	14
Reducing post-disaster risks		61.11%	11
Assistance with post-disaster financial recovery		88.89%	16
Other (please specify)		5.56%	1
Total Respondents: 18			

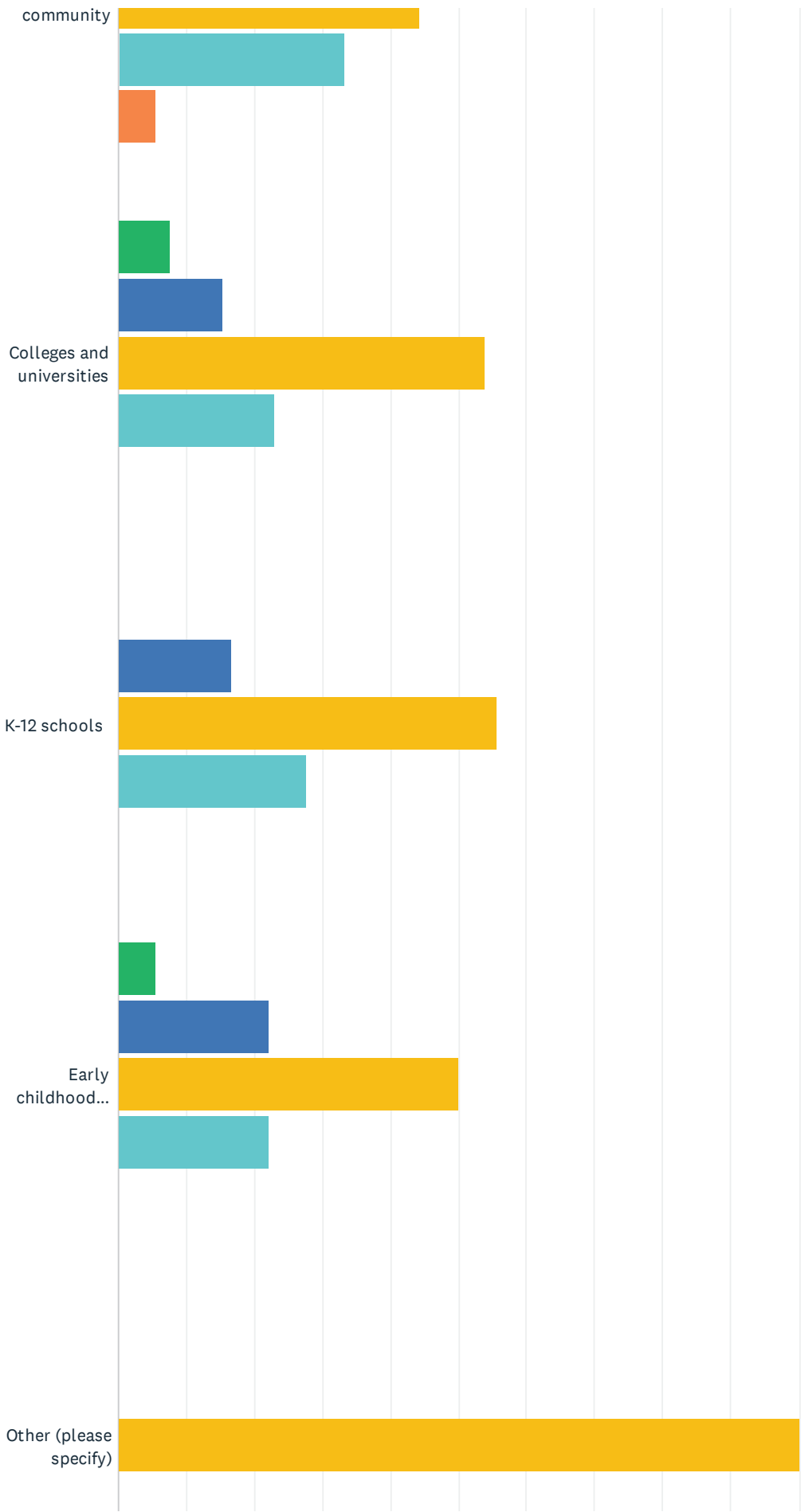
#	OTHER (PLEASE SPECIFY)	DATE
1	For non-declared disasters, counties need critical support and case management from WV VOAD. As a huge mess with the 2016 flood was the age IA funds going to individuals without case management assistance prior to receipt of funds.	11/29/2022 11:26 AM

Q20 To what extent is each of the following groups within your county prepared for the types of disasters/hazard events that have impacted your county in the past or might in the future? Rate each on a scale from 0 (not prepared at all) to 4 (extremely prepared).

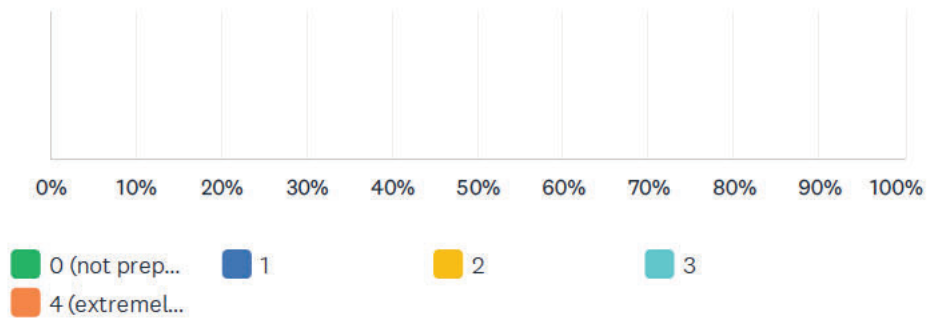
Answered: 18 Skipped: 0







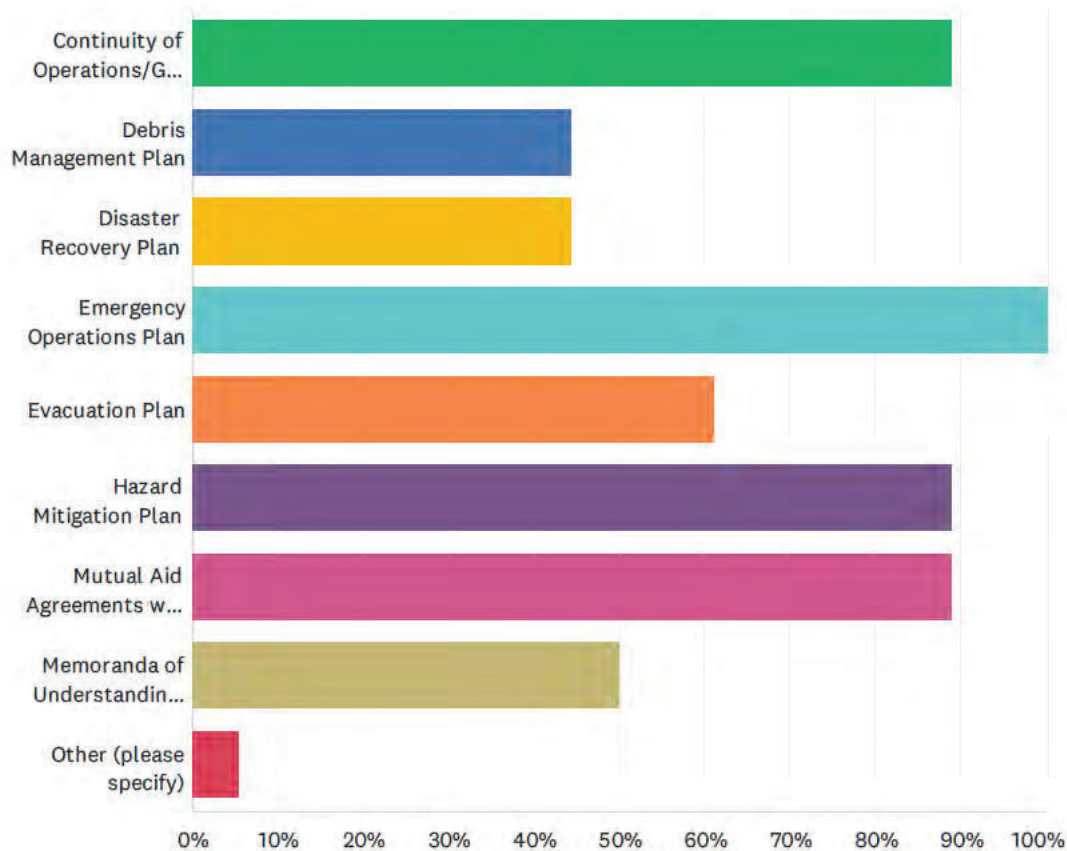
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	0 (NOT PREPARED AT ALL)	1	2	3	4 (EXTREMELY PREPARED)	TOTAL RESPONDENTS
County agencies / departments	0.00% 0	5.56% 1	38.89% 7	50.00% 9	5.56% 1	18
Local police	5.56% 1	11.11% 2	33.33% 6	50.00% 9	0.00% 0	18
Local fire	0.00% 0	5.56% 1	38.89% 7	50.00% 9	5.56% 1	18
Local hospitals / health care providers	0.00% 0	0.00% 0	22.22% 4	72.22% 13	5.56% 1	18
Residents	0.00% 0	38.89% 7	33.33% 6	27.78% 5	0.00% 0	18
Businesses	0.00% 0	44.44% 8	27.78% 5	27.78% 5	0.00% 0	18
Volunteer community	0.00% 0	11.11% 2	72.22% 13	16.67% 3	0.00% 0	18
Faith-based community	0.00% 0	16.67% 3	44.44% 8	33.33% 6	5.56% 1	18
Colleges and universities	7.69% 1	15.38% 2	53.85% 7	23.08% 3	0.00% 0	13
K-12 schools	0.00% 0	16.67% 3	55.56% 10	27.78% 5	0.00% 0	18
Early childhood centers / daycares	5.56% 1	22.22% 4	50.00% 9	22.22% 4	0.00% 0	18
Other (please specify)	0.00% 0	0.00% 0	100.00% 1	0.00% 0	0.00% 0	1

Q21 Does your county have any of the following emergency management plans or agreements? Check all that apply and indicate the year they were last updated.

Answered: 18 Skipped: 0

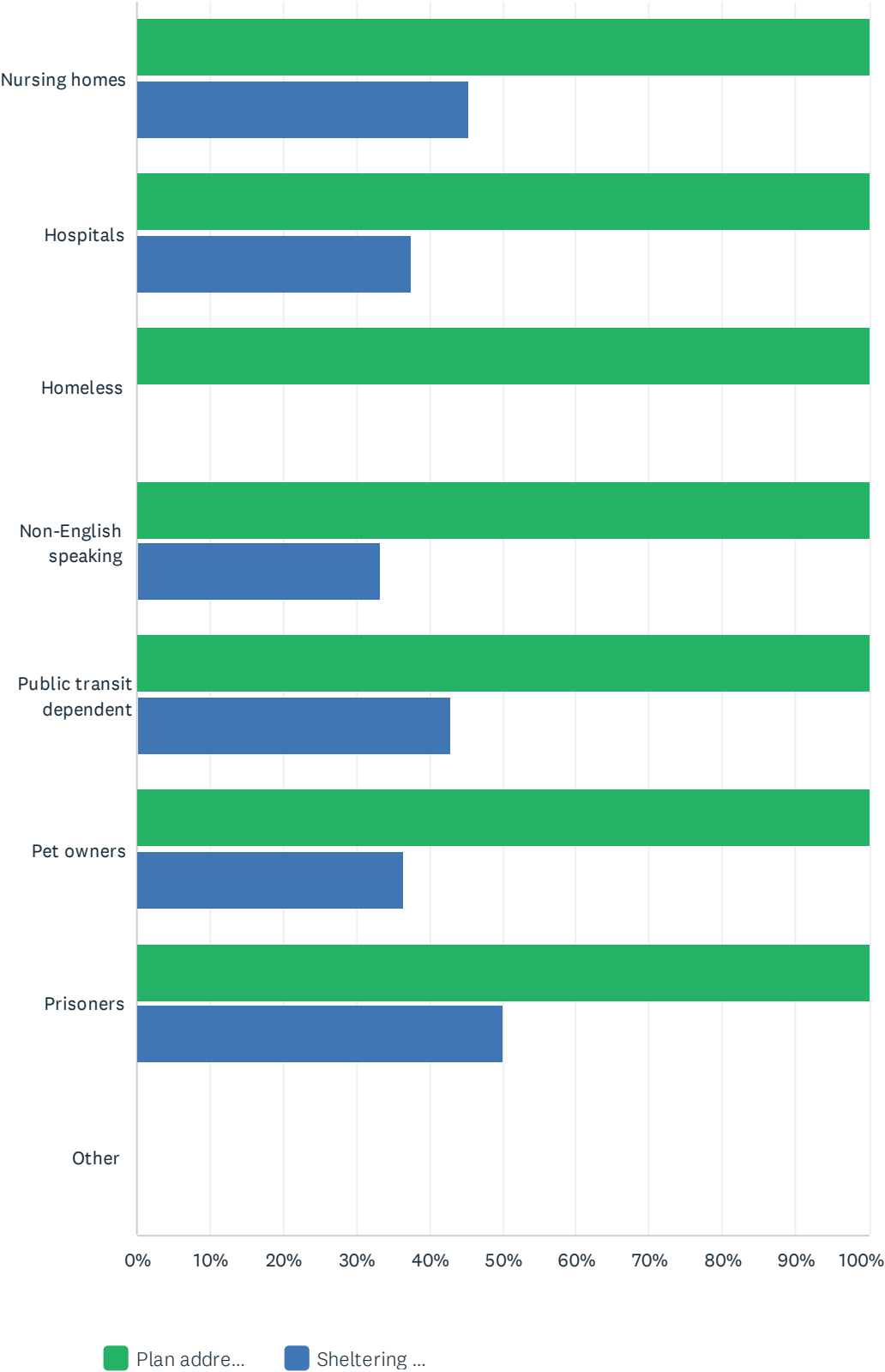


ANSWER CHOICES	RESPONSES	
Continuity of Operations/Government Plan (COOP/COG)	88.89%	16
Debris Management Plan	44.44%	8
Disaster Recovery Plan	44.44%	8
Emergency Operations Plan	100.00%	18
Evacuation Plan	61.11%	11
Hazard Mitigation Plan	88.89%	16
Mutual Aid Agreements with other jurisdictions	88.89%	16
Memoranda of Understanding with other governments	50.00%	9
Other (please specify)	5.56%	1
Total Respondents: 18		

#	OTHER (PLEASE SPECIFY)	DATE
1	We are in the process of updating our EOP to include all the above. It should be completed by March 2023.	11/30/2022 12:04 PM

Q22 Regarding the plans you identified above, do any specifically identify and address the needs for socially vulnerable populations? Check all that apply. If any of the plans have special sheltering arrangements for these populations, please indicate that as well.

Answered: 13 Skipped: 5



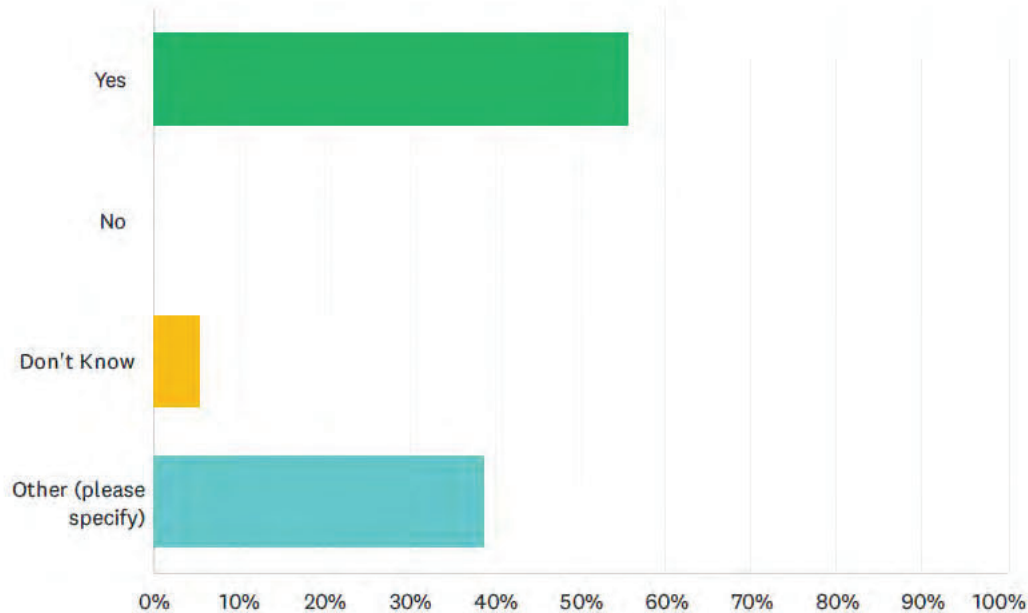
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	PLAN ADDRESSES?	SHELTERING AGREEMENTS?	TOTAL RESPONDENTS
Nu s ng homes	100.00% 11	45.45% 5	11
Hospita s	100.00% 8	37.50% 3	8
Home ess	100.00% 2	0.00% 0	2
Non-Eng sh speak ng	100.00% 3	33.33% 1	3
Pub c t ans t dependent	100.00% 7	42.86% 3	7
Pet owne s	100.00% 11	36.36% 4	11
P sone s	100.00% 2	50.00% 1	2
Othe	0.00% 0	0.00% 0	0

#	OTHER (PLEASE SPECIFY)	DATE
1	Not su e	11/29/2022 11:35 AM

Q23 Does your County use Geographic Information Systems (GIS)? If so, who performs the GIS for the county?

Answered: 18 Skipped: 0

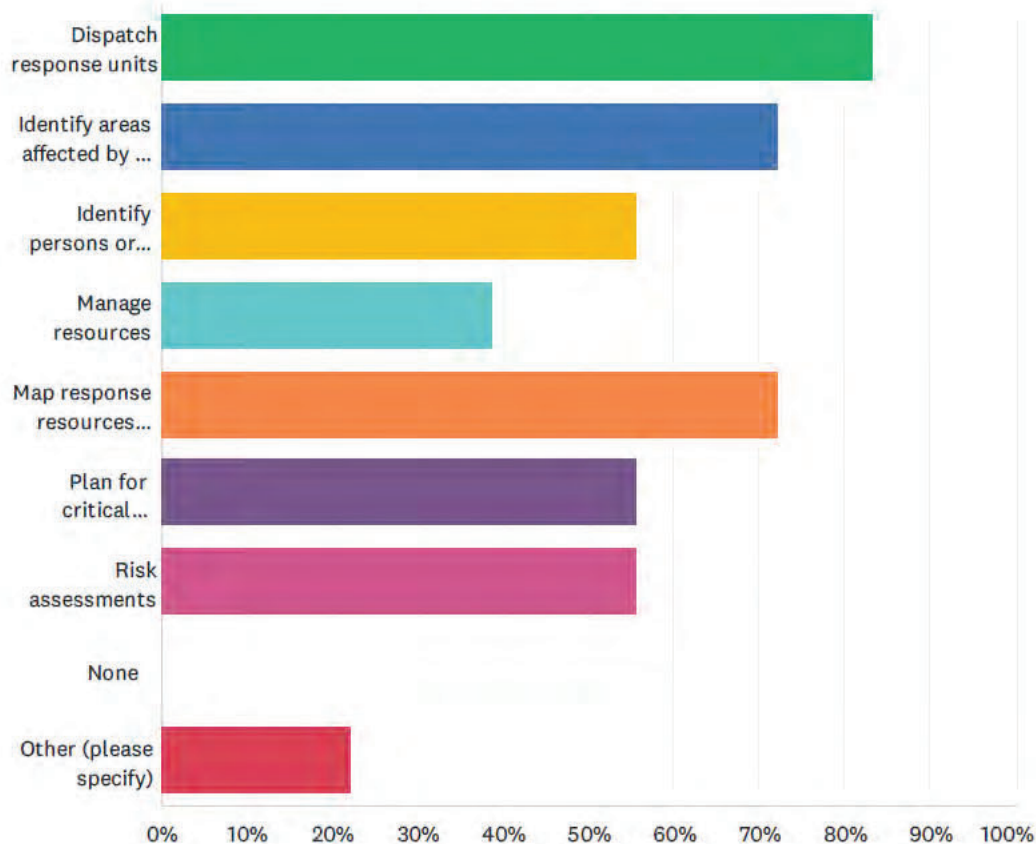


ANSWER CHOICES	RESPONSES	
Yes	55.56%	10
No	0.00%	0
Don't Know	5.56%	1
Other (please specify)	38.89%	7
TOTAL		18

#	OTHER (PLEASE SPECIFY)	DATE
1	E911 Division	12/1/2022 11:27 AM
2	Yes, A dedicated County employee.	11/30/2022 12:04 PM
3	GIS Coordinator for the County	11/29/2022 12:27 PM
4	Addressing - Mapping department (911)	11/29/2022 11:35 AM
5	Yes, We have a combined OEM / E9-1-1 / Mapping & Addressing Department	11/29/2022 9:38 AM
6	Harison Taylor 911	11/29/2022 9:29 AM
7	WV Flood Tool	11/29/2022 9:27 AM

Q24 If your county has GIS, how is it used? Check all that apply.

Answered: 18 Skipped: 0



ANSWER CHOICES		RESPONSES	
Dispatch response units		83.33%	15
Identify areas affected by a hazard event (e.g., structures flooded, downed power lines)		72.22%	13
Identify persons or facilities for notification about potential hazards		55.56%	10
Manage resources		38.89%	7
Map response resources (e.g., water sources)		72.22%	13
Plan for critical infrastructure/community facilities		55.56%	10
Risk assessments		55.56%	10
None		0.00%	0
Other (please specify)		22.22%	4
Total Respondents: 18			

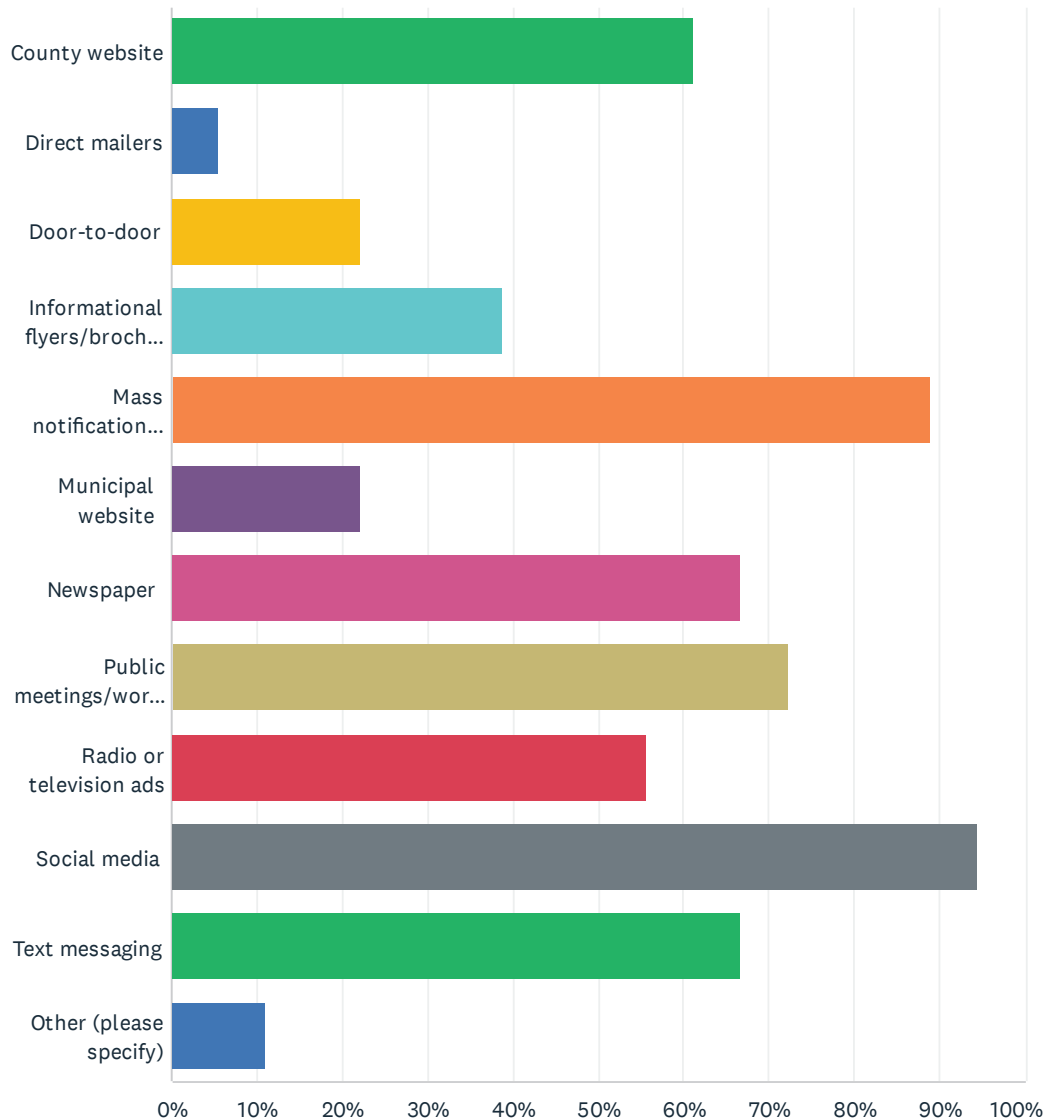
#	OTHER (PLEASE SPECIFY)	DATE
1	Spec a Events	11/30/2022 12:04 PM

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2	addressing, mines, trails, dam failures	11/29/2022 5:56 PM
3	Im not sure how GIS is used. I know we have access to it.	11/29/2022 9:46 AM
4	WV Flood Tool is used in maintaining flood zones	11/29/2022 9:27 AM

Q25 What outreach mechanisms does the county use to share hazard risk awareness and/or emergency alerts with the public and local elected officials? Check all that apply.

Answered: 18 Skipped: 0



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ANSWER CHOICES	RESPONSES	
County website	61.11%	11
Direct messages	5.56%	1
Door-to-door	22.22%	4
Informational flyers/brochures	38.89%	7
Mass notification systems	88.89%	16
Municipal website	22.22%	4
Newspaper	66.67%	12
Public meetings/workshops/awareness events	72.22%	13
Radio television ads	55.56%	10
Social media	94.44%	17
Text messaging	66.67%	12
Other (please specify)	11.11%	2
Total Respondents: 18		

#	OTHER (PLEASE SPECIFY)	DATE
1	Emergency Management/E-911 has an AM Radio Station that we put messages on for the public	11/29/2022 2:30 PM
2	Local election signs	11/29/2022 9:27 AM

Q26 Can you identify projects or programs that you have implemented to reduce your county's overall vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 11 Skipped: 7

#	RESPONSES	DATE
1	Training & Educational Projects, E911 backup Legacy Systems are being upgraded and maintained. Public meetings.	12/1/2022 11:33 AM
2	Several are in process, but none have been implemented to date.	11/30/2022 12:09 PM
3	Worked with Soil Conservation Services to clean out some streams next to population	11/29/2022 3:06 PM
4	LEPC SERT MRC ARES	11/29/2022 12:31 PM
5	Mass Notification	11/29/2022 11:35 AM
6	Backup generator installations to emergency shelters, city halls, and water plants.	11/29/2022 11:30 AM
7	1) Detailed and updated hazmat response annex to the EOP. 2) County wide Emergency Action Plan developed in cooperation with the USACE.	11/29/2022 11:13 AM
8	No	11/29/2022 10:22 AM
9	Mass Notification system	11/29/2022 9:39 AM
10	Ongoing county wide disaster exercises	11/29/2022 9:30 AM
11	Electronic signs have been very valuable	11/29/2022 9:28 AM

Q27 Can you identify projects or programs that you would like or plan to implement to reduce your county's overall vulnerability to damages and losses, including loss of operation/service, to hazard events?

Answered: 8 Skipped: 10

#	RESPONSES	DATE
1	Communication Trailer,	12/1/2022 11:33 AM
2	Storm Water Management Program Implementing a more effective public awareness campaign. Preemptive action levels regarding flooding events. Developing and practicing COOP. Developing a proper secondary EOC location. Increase emergency services, such as fire and HazMat response.	11/30/2022 12:09 PM
3	Communications back up system. Better equipment for rescue services	11/29/2022 3:06 PM
4	Stream Management program	11/29/2022 12:31 PM
5	Stream/Creek overgrowth management.	11/29/2022 11:13 AM
6	No	11/29/2022 10:22 AM
7	I am working with local law enforcement to add in the county EOP an active shooter plan. I also would like to look into a mass notification system to better alert the public.	11/29/2022 9:49 AM
8	Need more electronic signs	11/29/2022 9:28 AM

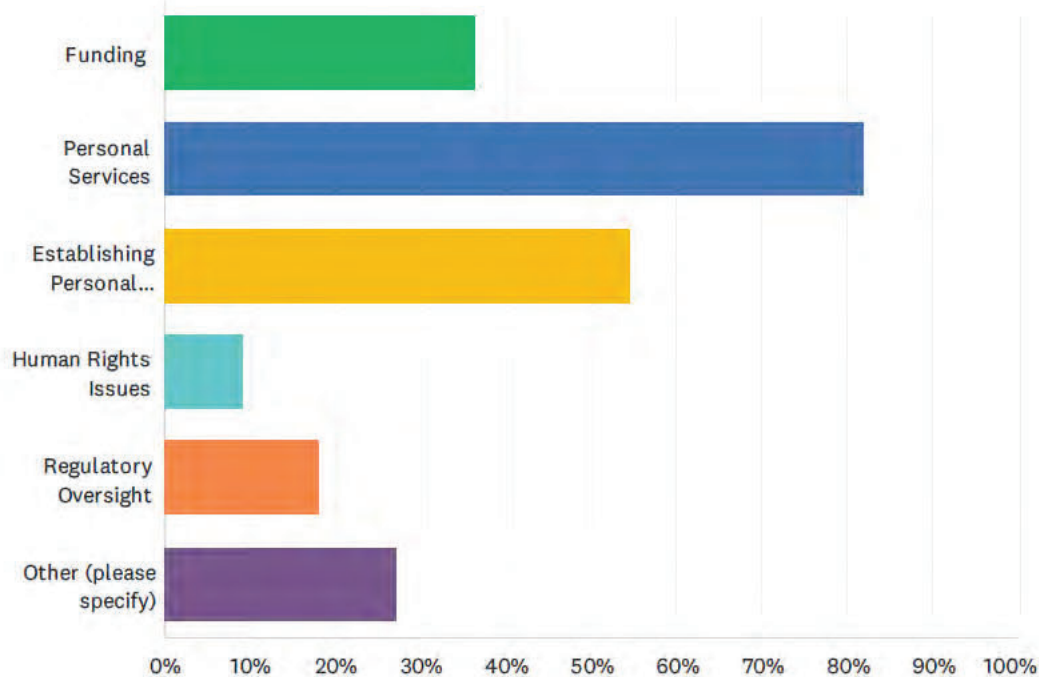
Q28 Please identify which (if any) county departments or agencies provide assistance to any socially vulnerable populations.

Answered: 12 Skipped: 6

#	RESPONSES	DATE
1	All agencies do.	12/1/2022 11:38 AM
2	Morgan County OES, Morgan County 911, All law enforcement, fire, and EMS agencies. Morgan County Commission, Morgan County Animal Control.	11/30/2022 12:16 PM
3	FMRS Mental Health, United Way, Salvation Army	11/29/2022 6:01 PM
4	EMS, Fire	11/29/2022 3:08 PM
5	County Commission City Government Health Dept. Youth Services	11/29/2022 12:36 PM
6	Child welfare (CYAC), GCHSEM, Sheriff's Office, EMS, Fire Departments	11/29/2022 11:39 AM
7	Unknown	11/29/2022 11:37 AM
8	County Health Department, Braxton County Coalition, all emergency response agencies.	11/29/2022 11:17 AM
9	Senior Citizens Groups	11/29/2022 10:23 AM
10	OEM	11/29/2022 9:42 AM
11	DHHR, Health Dept	11/29/2022 9:31 AM
12	Emergency Management Health Department	11/29/2022 9:31 AM

Q29 If yes, what types of services to you provide?

Answered: 11 Skipped: 7



ANSWER CHOICES	RESPONSES	
Funding	36.36%	4
Personal Services	81.82%	9
Establishing Personal Services	54.55%	6
Human Rights Issues	9.09%	1
Regulatory Oversight	18.18%	2
Other (please specify)	27.27%	3
Total Respondents: 11		

#	OTHER (PLEASE SPECIFY)	DATE
1	Sheltering	11/29/2022 6:01 PM
2	Emergency response and recovery	11/29/2022 11:17 AM
3	Emergency response measures	11/29/2022 9:42 AM

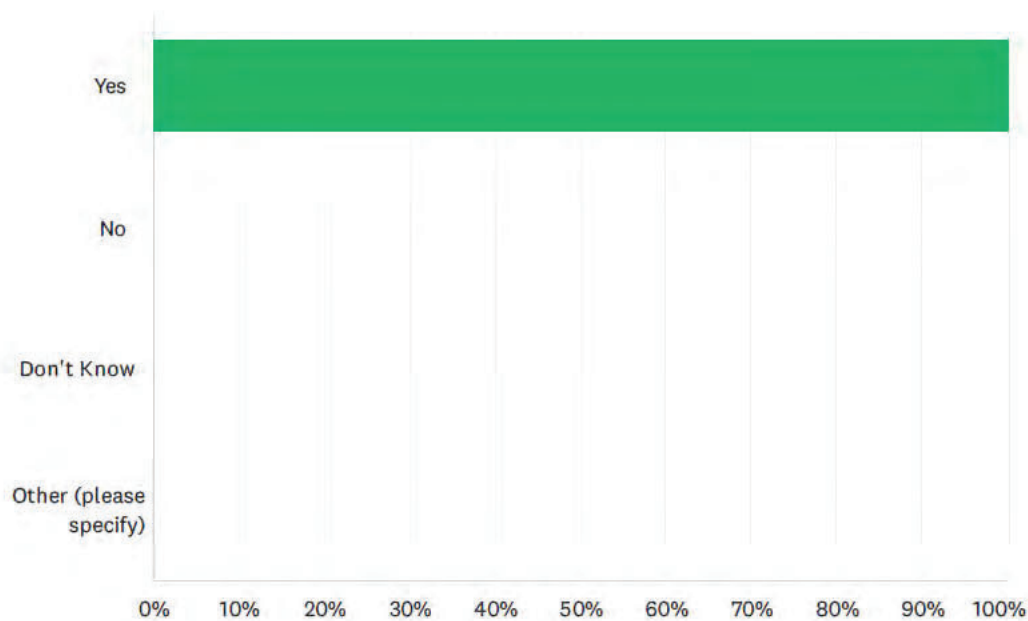
Q30 Please provide a list of the socially vulnerable populations served by your agency.

Answered: 11 Skipped: 7

#	RESPONSES	DATE
1	Elderly, low income	12/1/2022 11:38 AM
2	Low Income, Non-English speaking, Racial and ethnic minorities, and education.	11/30/2022 12:16 PM
3	Drug Abusers, Elderly	11/29/2022 6:01 PM
4	Elderly	11/29/2022 3:08 PM
5	Homelessness Troubled Youth Elderly Substance Abuse	11/29/2022 12:36 PM
6	Low income, minority, race, color, religion, sexual orientation, family status, handicapped	11/29/2022 11:39 AM
7	We are a very rural and economically depressed county. An estimated 1/3 of the county's population could be considered socially vulnerable.	11/29/2022 11:17 AM
8	Elderly	11/29/2022 10:23 AM
9	Elderly Nursing Home residents	11/29/2022 9:42 AM
10	Persons of color, homeless, low income	11/29/2022 9:31 AM
11	Nursing homes Low-income residential areas	11/29/2022 9:31 AM

Q31 Do you provide these services during times of disasters?

Answered: 13 Skipped: 5



ANSWER CHOICES	RESPONSES	
Yes	100.00%	13
No	0.00%	0
Don't Know	0.00%	0
Other (please specify)	0.00%	0
TOTAL		13

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q32 Additional comments

Answered: 2 Skipped: 16

#	RESPONSES	DATE
1	Assistance is provided to all populations as requested in a disaster.	11/29/2022 11:37 AM
2	Could our agency be provided with a copy of the total survey results?	11/29/2022 11:17 AM

Q33 What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? This may include but is not limited to access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.

Answered: 13 Skipped: 5

#	RESPONSES	DATE
1	Broadband access, age, rural communities, economic disadvantages, physical health, limited access to transportation, roads, landline & cell phone access,	12/1/2022 11:41 AM
2	Public transportation, broadband/internet access, mobile phone access, and economic concerns.	11/30/2022 12:17 PM
3	No cell phone coverage in these economic disadvantaged, vulnerable, no transportation areas of the county. Seems like service is only given to those in a high populated area.	11/29/2022 6:04 PM
4	Limited Communications due to Phone and internet in the outlying parts of the county	11/29/2022 2:32 PM
5	All the above along with planned funding for services.	11/29/2022 12:38 PM
6	All the above applies to McDowell County.	11/29/2022 11:37 AM
7	We do not have public transportation, broadband is only available close to the interstate, this is an economically depressed county, and there is an aging population in this very rural county.	11/29/2022 11:26 AM
8	Older population, rural areas, financial needs, lack of technology in outlying areas, reliable transportation and lack of public transportation	11/29/2022 10:52 AM
9	Broadband and physical mobility	11/29/2022 10:23 AM
10	I think the overall Economic status and Physical health of the aging population within our county and state	11/29/2022 9:52 AM
11	Lack of reliable land line, cellular and broadband communications is a major problem	11/29/2022 9:33 AM
12	All of the above	11/29/2022 9:33 AM
13	Transportation, broadband, mental health, economic disadvantaged, etc...	11/29/2022 9:32 AM

Q34 Do you have any questions or comments for West Virginia EMD?

Answered: 6 Skipped: 12

#	RESPONSES	DATE
1	The WV SIRM system should be appropriately and sufficiently funded. Broadband access for everyone in the state. We have many instances when citizens don't have landline services or internet services due to frontier and have to wait weeks and months to get service even in emergency situations. Cell services is limited due to terrain.	12/1/2022 11:46 AM
2	No	11/30/2022 12:17 PM
3	I wish we had all of these questions before we sat down to do the survey. You would have had more detailed answers and more data. I've missed the last EM meeting online, so I don't know if this was discussed but it would have been nice to have a heads up on things like this when funding depends on data.	11/29/2022 6:09 PM
4	N/A	11/29/2022 11:38 AM
5	Yes, please provide survey results to county emergency managers.	11/29/2022 11:27 AM
6	No	11/29/2022 10:23 AM

From: [Keaton, Tim W](#)
To: [Robert Wilson](#); [tquinwood@gmail.com](#); [lhudnallcg@gmail.com](#); [cityclerk@cityofnewcumberland.net](#); [peter.gallo@cityofcharleston.org](#); [mcmechenmayorgoddard@gmail.com](#); [pobugene@suddenlinkmail.com](#); [jwellings@wvassessor.com](#); [mayor Morris@hotmail.com](#); [townofmfld@hardynet.com](#); [Skemp@bethanywv.edu](#); [Joe Richmond](#); [David Dent](#); [rleonard@harrisoncountywv.gov](#); [johnsheltonjr851@gmail.com](#); [annett_26651@yahoo.com](#); [kevin.kuhn@mail.wvu.edu](#); [eleanortown@frontier.com](#); [btrainor@charlestownwv.us](#); [floodplain@lewisoe.com](#); [Alex](#); [judy.heath@mcdowellcountywv.gov](#); [Rob Miller](#); [farmingtontown@frontier.com](#); [rbeltner@aol.com](#); [mstarett@cityofwestonwv.com](#); [kskeens@jacksoncountywv.com](#); [Planning@hampshirewv.com](#); [tgminn@aol.com](#); [Breanna Shell](#); [townofhundred@frontiernet.net](#); [mpaugh@monongaliacounty.gov](#); [Mike Shook](#); [Clark Nicklow](#); [jgumm@cityofweirton.com](#); 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[firedog602@gmail.com](#); [David Fletcher](#); [Melissa Scott](#); [zoning@aldersonwv.org](#); [plr02@yahoo.com](#); [townoftriadelphia@comcast.net](#); [marmet2411@aol.com](#); [townofwestmilford@yahoo.com](#); [Scott Becket](#); [mayorblair@hotmail.com](#); [townofsandfork@gmail.com](#); [Dean Meadows](#); [adam.stout@parkersburgwv.gov](#); [mayor@bbwv.org](#); [yibing.han@mail.wvu.edu](#); [Cullen B Sherman](#); [cowcode@comcast.net](#); [townofclay@frontiernet.net](#); [susanstrawder@yahoo.com](#); [Mike Kralej](#); [inspector@cityofmiltonwv.com](#); [Amanda Starr](#); [annon333@aol.com](#); [Mark Dearman](#); [sylvesterpolic60@gmail.com](#); [Rhonda Spencer](#); [genemc@spruceknob.net](#); [alanmiles@masoncountywv.com](#); [STAN MILLER](#); [Richard Miller](#); [Abigail Monroe](#); [Devin Perry](#); [ranmapadd](#); [amycottrill26261@gmail.com](#); [Alex Ellis](#); [a102win@yahoo.com](#); [Larry Helms](#); [Marty Lewis](#); [Aaron Rutherford](#)
Cc: [Subbio, Tony](#); [Groves, Christina](#); [Ranson, Elizabeth](#)
Subject: State All Hazards Mitigation Plan Update
Date: Monday, November 7, 2022 10:19:19 AM

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Hello!

As you know, the State of West Virginia is updating its Hazard Mitigation Plan (HMP). The HMP will analyze the hazards faced by the State, its regions and counties, residents, and businesses, and will identify a statewide strategy for minimizing the vulnerability to these hazards. Given that flooding is

such a problem in West Virginia, I would like to invite you to provide additional input into our planning process, so that the State HMP can effectively reduce flooding across West Virginia and we can identify how to improve floodplain management across the State. We have developed a short survey to gather information on these topics. We would greatly appreciate it if you would complete the survey and otherwise participate in this important planning effort. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_FPA.

Please complete the survey by November 23, 2022.

Let me know if you have any questions. Thank you very much!

Have a great day!

Timothy W. Keaton, CFM
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WV Emergency Management Division
2403 Fairlawn Ave.
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(304) 414-7659 - Office
(681) 344-3655 - Cell
Tim.W.Keaton@wv.gov

From: [Keaton, Tim W](#)

To: [Robert Wilson](#); [tquinwood@gmail.com](#); [lhudnallcg@gmail.com](#); [cityclerk@cityofnewcumberland.net](#); [peter.gallo@cityofcharleston.org](#); [mcmechenmayorgoddard@gmail.com](#); [pobugene@suddenlinkmail.com](#); [jwellings@wvassessor.com](#); [mayor Morris@hotmail.com](#); [townofmld@hardynet.com](#); [Skemp@bethanywv.edu](#); [Joe Richmond](#); [summersflood@yahoo.com](#); [rleonard@harrisoncountywv.gov](#); [johnsheltonjr851@gmail.com](#); [annett_26651@yahoo.com](#); [kevin.kuhn@mail.wvu.edu](#); [eleanortown@frontier.com](#); [btrainor@charlestownwv.us](#); [floodplain@lewisoe.com](#); [Alex](#); [judy.heath@mcdowellcountywv.gov](#); [Rob Miller](#); [farmingtontown@frontier.com](#); [rbeltner@aol.com](#); [mstarett@cityofwestonwv.com](#); [kskeens@jacksoncountywv.com](#); [Planning@hampshirewv.com](#); [tgminn@aol.com](#); [Breanna Shell](#); [townofhundred@frontiernet.net](#); [mpaugh@monongaliacounty.gov](#); [Mike Shook](#); [Clark Nicklow](#); [jgumm@cityofweirton.com](#); [stevens_greg1@hotmail.com](#); [Chad Nelson](#); [Jay Hollen](#); [tjcooper@frontier.com](#); [athenswv@frontiernet.net](#); [wvmgton@aol.com](#); [kdonalds@wvu.edu](#); [smith.vincenr@gmail.com](#); [cityofparsons@frontiernet.com](#); [clayoesdirector@hotmail.com](#); [townoflostcreek@aol.com](#); [Maneesh Sharma](#); [ronharvey58@gmail.com](#); [sbailey@pcpsd.org](#); [millcreekclerk@yahoo.com](#); [Zack Hupp](#); [rmiller@monroecountywv.net](#); [Allisonnorris.cityofmullens@outlook.com](#); [rivesvillerecorder@gmail.com](#); [townofmiddlebourne@wvhotspot.us](#); [gmadmin@wvgranville.com](#); [mayor@harpersferrywv.us](#); [NOT IN NFIP](#); [traci.rose@websterwv911-oes.com](#); [stevedebarr@msn.com](#); [matt@fayettevillewv.gov](#); [countyplanning@mineralwv.org](#); [townofta@gmail.com](#); [George Eidel](#); [dvanhorn@williamstownwv.org](#); [mayor@cityofwinfield.net](#); [firestorm60@live.com](#); [solenapac@yahoo.com](#); [josh.billiter.padencity@gmail.com](#); [bolivarth@frontiernet.net](#); [bhannabass@oakhillwv.gov](#); [calhounmaps@yahoo.com](#); [Danny Porter](#); [st.albans.building.dept@gmail.com](#); [Townoflester@suddenlinkmail.com](#); [townofhandley@suddenlinkmail.com](#); [jhanna@newmartinsville.com](#); [pusher@putnamwv.org](#); [George Park](#); [wsszoning](#); [tom_25508@yahoo.com](#); [townofmabscottrecorder@gmail.com](#); [sabrown@waynecountywv.org](#); [alanmiles@masoncountyoies@gmail.com](#); [Tax Department](#); [lgoins@chesapeakewv.us](#); [ckleeh54@comcast.net](#); [scpublicworks@starcitywv.com](#); [Tim Killen](#); [Terri Jo Bennett](#); [townofleon@gmail.com](#); [pisner@cityofelkinswv.com](#); [ehopkins@wvu.edu](#); [davistownhallwv@gmail.com](#); [bethlehem@vob2015.comcastbiz.net](#); [nicholashanshaw007@yahoo.com](#); [Don Harris](#); [jcummons@bridgeportwv.com](#); [Dave Weaver](#); [sstrait@fairmontwv.gov](#); [hcoffield@marshallcountywv.org](#); [Jerry Brown](#); [Allen Ballard](#); [Dennis Fitzpatrick](#); [chubbard@hurricanevw.com](#); [mek9tho@gmail.com](#); [Kimberly Benson](#); [Cris Meadows](#); [darren10268@gmail.com](#); [Ralphsally@hotmail.com](#); [cm@vienna-wv.com](#); [Mason Carter](#); [stacieferguson@lincolncountywv.org](#); [btwv218main@yahoo.com](#); [cityofthomas@frontiernet.net](#); [rstill@lewisburg-wv.com](#); [worthington@townofworthington.com](#); [dk.wilson@wirtcountywv.net](#); [admin@ceredoww.gov](#); [kkesling@townofnutterfort.com](#); [jhunt@mcsww.net](#); [Richard \(Wayne\) Beall](#); [dannyggreenleaf2@gmail.com](#); [gibtownhall@suddenlinkmail.com](#); [Ray Perry](#); [tkm2401@aol.com](#); [cityclerkglasgow25086@gmail.com](#); [Caroline Sparks](#); [townofbarrackville@yahoo.com](#); [eefurt@ransonwv.us](#); [Amy Dinaldo](#); [Jeremy Ober](#); [townofman@frontier.com](#); [01flyslinger@gmail.com](#); [townfranklin@gmail.com](#); [cbrandon@barbourcountywv.org](#); [Melissa Sargent](#); [frank.lafone@mail.wvu.edu](#); [acarr@cityofclarksburgwv.com](#); [mason1@suddenlinkmail.com](#); [townoffairview@gmail.com](#); [administrator@cityofronceverte.com](#); [Kelly Banton](#); [Everette Hoffman](#); [bmorgan@morgantownwv.gov](#); [betsy@wardensville.com](#); [Ben Love](#); [anickerson@brookecountyma.com](#); [jcshreve@frontiernet.com](#); [Donald.Morgan@beckleyfire.com](#); [townofhenderson@frontier.com](#); [eb57@villageofclearview.comcastbiz.net](#); [dunbarbi12@gmail.com](#); [townofrupert@suddenlinkmail.com](#); [ggalentine@swave.net](#); [hambletonth@frontier.com](#); [townofgassaway@frontier.com](#); [townofblacksville@gmail.com](#); [hartfordwater@yahoo.com](#); [Mark Griffith](#); [cityofsistersville@gmail.com](#); [angieylewis@yahoo.com](#); [mawpawfong@yahoo.com](#); [Michael Mayhorn](#); [office@cityofpiedmont.org](#); [citymgr@follansbeewv.gov](#); [cliffmotes@hotmail.com](#); [townsofwhitesville2020@gmail.com](#); [Keith Gunnoe](#); [brm@raleighcounty.com](#); [glendalewv@aol.com](#); [Melissa Gilbert](#); [Bruce White](#); [Steve Byus](#); [ripleycityclerk@suddenlinkmail.com](#); [Dana Keith](#); [firedog602@gmail.com](#); [David Fletcher](#); [Melissa Scott](#); [zoning@aldersonwv.org](#); [plr02@yahoo.com](#); [townoftriadelphia@comcast.net](#); [marmet2411@aol.com](#); [townofwestmilford@yahoo.com](#); [Scott Becket](#); [mayorblair@hotmail.com](#); [townofsandfork@gmail.com](#); [Dean Meadows](#); [adam.stout@parkersburgwv.gov](#); [mayor@bbwv.org](#); [yibing.han@mail.wvu.edu](#); [Cullen B Sherman](#); [cowcode@comcast.net](#); [townofclay@frontiernet.net](#); [susanstrawder@yahoo.com](#); [Mike Kralej](#); [inspector@cityofmiltonwv.com](#); [Amanda Starr](#); [annon333@aol.com](#); [Mark Dearman](#); [sylvesterpolic60@gmail.com](#); [Rhonda Spencer](#); [genemc@spruceknob.net](#); [drachel2287143@gmail.com](#); [Billy Michael](#); [abeall@shepherdstown.us](#); [rhall.ptpleasantwv@gmail.com](#); [jtouvell@wheelingwv.gov](#); [Annette Taylor CFM](#); [Sheena McClung](#); [Mark Miller](#); [Bryan Reed](#); [buildinginspector@cityofsouthcharleston.com](#)

Cc: [Subbio, Tony](#); [Ranson, Elizabeth](#)

Subject: Please Help me get this survey completed!

Date: Monday, November 28, 2022 7:11:07 AM

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Hello!

Earlier this month, I sent you a request to fill out a short floodplain management survey to

help inform the update of the West Virginia State Hazard Mitigation Plan (HMP). As a reminder, the HMP will analyze the hazards faced by the State, its regions and counties, residents, and businesses, and will identify a statewide strategy for minimizing the vulnerability to these hazards. Thank you to the 32 people who filled out the survey so far! In an effort to get as much information from everyone as we can, we are going to extend the deadline for completing the survey to Friday, December 2nd.

If you have not already completed the survey, please take a few minutes to do so. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_FPA.

Thank you for your time and participation in this important planning effort.

Let me know if you have any questions. Thank you very much!

Have a great day!

--

Timothy W. Keaton, CFM
NFIP/CTP Coordinator
WV Emergency Management Division
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(304) 414-7659 - Office
(681) 344-3655 - Cell
Tim.W.Keaton@wv.gov

Q1 Contact Information

Answered: 62 Skipped: 1

ANSWER CHOICES	RESPONSES	
Name	100.00%	62
Department/Agency Name	100.00%	62
Primary Responsibility	91.94%	57
Phone number	100.00%	62
Email address	98.39%	61

#	NAME	DATE
1	Sera Du	12/1/2022 12:52 PM
2	Philip Bruce White	11/30/2022 9:49 AM
3	Ray Peery	11/29/2022 9:04 PM
4	Corey Brandon	11/29/2022 3:51 PM
5	Shaun Radabaugh	11/29/2022 11:49 AM
6	Mike Kaley	11/29/2022 10:21 AM
7	Aaron Mes	11/28/2022 9:18 PM
8	Stephen Brown	11/28/2022 1:58 PM
9	Andy Nickerson	11/28/2022 12:17 PM
10	Ashley Car	11/28/2022 11:59 AM
11	Danny R. Greenleaf II	11/28/2022 11:15 AM
12	Melissa Scott	11/28/2022 11:08 AM
13	MICHAEL KESSINGER	11/28/2022 10:52 AM
14	John E. Desnoe	11/28/2022 10:22 AM
15	Patricia Ushe	11/28/2022 9:29 AM
16	Philsne	11/28/2022 9:12 AM
17	Bryon Mchae	11/28/2022 9:12 AM
18	Wayne Bea	11/28/2022 9:10 AM
19	William Rice	11/28/2022 9:05 AM
20	Bearna She	11/28/2022 8:56 AM
21	George Ede	11/28/2022 8:27 AM
22	David Weave	11/28/2022 8:11 AM
23	Mike Paugh	11/28/2022 8:11 AM
24	Steve Money Penny	11/28/2022 8:10 AM
25	Danny Porte	11/28/2022 8:09 AM
26	James Motes	11/28/2022 8:03 AM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

27	Burrell S. Miller Jr.	11/28/2022 7:59 AM
28	Chad Nelson	11/28/2022 7:58 AM
29	Dennis T Fitzpatrick	11/28/2022 7:38 AM
30	Craig Metz	11/28/2022 7:33 AM
31	Shereen Bailey	11/22/2022 11:38 AM
32	Aaron Rutherford	11/22/2022 8:37 AM
33	Robert T. Wilson	11/21/2022 3:21 PM
34	Joe Richmond, CFM	11/15/2022 11:55 AM
35	David Van Horn	11/15/2022 8:54 AM
36	Steve Wykoff	11/15/2022 8:29 AM
37	Eric S Duff	11/14/2022 10:38 AM
38	Matt Diederich	11/14/2022 9:42 AM
39	Jay Hollen	11/10/2022 2:10 PM
40	Stacy King	11/9/2022 2:23 PM
41	Clark Nicklow	11/9/2022 10:49 AM
42	Alex Moore	11/9/2022 9:32 AM
43	Melissa Gilbert	11/9/2022 8:46 AM
44	Bryan Kelly	11/8/2022 1:02 PM
45	Richard L Miller	11/8/2022 8:57 AM
46	George Eidel	11/8/2022 7:27 AM
47	Shae Dean Strait	11/7/2022 4:27 PM
48	Hugh Leishman	11/7/2022 3:34 PM
49	Betsy Orndoff-Sayers	11/7/2022 3:21 PM
50	Steve Byus	11/7/2022 2:07 PM
51	Keith A Gunnoe	11/7/2022 1:45 PM
52	R. Wayne Beall	11/7/2022 1:22 PM
53	Ray Perry, CFM	11/7/2022 1:13 PM
54	Bryan Reed	11/7/2022 12:47 PM
55	Amy Dinaldo	11/7/2022 11:35 AM
56	TOM ARMSTEAD	11/7/2022 10:45 AM
57	Charles F Wehrle Jr	11/7/2022 10:44 AM
58	REBECCA L. UHLLY	11/7/2022 10:41 AM
59	Bo Belshee	11/7/2022 10:25 AM
60	David Weaver	11/7/2022 10:24 AM
61	Mike Ramsey	11/7/2022 10:23 AM
62	Marty R Lewis	11/7/2022 10:22 AM
#	DEPARTMENT/AGENCY NAME	DATE
1	City of Keyser	12/1/2022 12:52 PM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

2	Kanawha County Planning and Develop	11/30/2022 9:49 AM
3	Logan County Commission	11/29/2022 9:04 PM
4	Barbour County Emergency Manager, Floodplain Manager	11/29/2022 3:51 PM
5	Town of Sand Fork	11/29/2022 11:49 AM
6	marion county floodplain & gis office	11/29/2022 10:21 AM
7	Mason County OES	11/28/2022 9:18 PM
8	Wayne County Commission	11/28/2022 1:58 PM
9	Brooke County EMA	11/28/2022 12:17 PM
10	City of Clarksburg	11/28/2022 11:59 AM
11	Pleasants County Commission	11/28/2022 11:15 AM
12	Hardy County	11/28/2022 11:08 AM
13	CITY OF MT HOPE	11/28/2022 10:52 AM
14	Mineral County Planning Commission	11/28/2022 10:22 AM
15	Planning and Zoning, Huntington, WV	11/28/2022 9:29 AM
16	City of Elkins	11/28/2022 9:12 AM
17	Raleigh County Commission	11/28/2022 9:12 AM
18	City of Grafton	11/28/2022 9:10 AM
19	City of Sistersville	11/28/2022 9:05 AM
20	Planning	11/28/2022 8:56 AM
21	Doddridge County Office of Emergency Management	11/28/2022 8:27 AM
22	Ohio County Emergency Management Agency	11/28/2022 8:11 AM
23	Monongalia County	11/28/2022 8:11 AM
24	Lewis County OEM / 911	11/28/2022 8:10 AM
25	Village of Barboursville	11/28/2022 8:09 AM
26	TOWN OF MITCHELL HEIGHTS	11/28/2022 8:03 AM
27	City of South Charleston	11/28/2022 7:59 AM
28	Cabell County Commission	11/28/2022 7:58 AM
29	City of Glenville	11/28/2022 7:38 AM
30	City of Vienna	11/28/2022 7:33 AM
31	Town Of Durbin	11/22/2022 11:38 AM
32	McDowell County Commission	11/22/2022 8:37 AM
33	Town Of Ansted	11/21/2022 3:21 PM
34	City of Moundsville Building Department	11/15/2022 11:55 AM
35	City of Williamstown	11/15/2022 8:54 AM
36	Upshur County Department of Homeland Security and Emergency Management	11/15/2022 8:29 AM
37	Town of Alderson	11/14/2022 10:38 AM
38	Town of Fayetteville	11/14/2022 9:42 AM
39	Engineering / City of Buckhannon	11/10/2022 2:10 PM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

40	Clay County Floodplain Mgr	11/9/2022 2:23 PM
41	Preston County E-911/OEM	11/9/2022 10:49 AM
42	Morgan County Planning/GIS	11/9/2022 9:32 AM
43	Roane County EM	11/9/2022 8:46 AM
44	Town of Blacksville	11/8/2022 1:02 PM
45	Monroe County 911/OEM/FPM	11/8/2022 8:57 AM
46	Doddridge County Emergency/Floodplain Management	11/8/2022 7:27 AM
47	City of Fairmont	11/7/2022 4:27 PM
48	City of Dunbar	11/7/2022 3:34 PM
49	Town of Wardensville	11/7/2022 3:21 PM
50	City of Madison Emergency Management	11/7/2022 2:07 PM
51	Mercer County	11/7/2022 1:45 PM
52	City of Grafton	11/7/2022 1:22 PM
53	Logan County Commission	11/7/2022 1:13 PM
54	City of Clarksburg	11/7/2022 12:47 PM
55	City of Richwood	11/7/2022 11:35 AM
56	CITY OF RIPLEY	11/7/2022 10:45 AM
57	Town of Franklin	11/7/2022 10:44 AM
58	Village of Beech Bottom	11/7/2022 10:41 AM
59	City of White Sulphur Springs	11/7/2022 10:25 AM
60	Ohio County Emergency Management Agency	11/7/2022 10:24 AM
61	City of Milton	11/7/2022 10:23 AM
62	city of Weston	11/7/2022 10:22 AM
#	PRIMARY RESPONSIBILITY	DATE
1	Tax / Court Clerk	12/1/2022 12:52 PM
2	Mitigation	11/30/2022 9:49 AM
3	Floodplain Administrator	11/29/2022 9:04 PM
4	recorder	11/29/2022 11:49 AM
5	floodplain / gis coordinator	11/29/2022 10:21 AM
6	Director	11/28/2022 9:18 PM
7	Building Permits and Floodplain Administration	11/28/2022 1:58 PM
8	Director of Code Enforcement	11/28/2022 11:59 AM
9	911 Director	11/28/2022 11:15 AM
10	Land Use Planner and Floodplain Manager, administrator, and enforcer	11/28/2022 11:08 AM
11	MAYOR	11/28/2022 10:52 AM
12	County Planner	11/28/2022 10:22 AM
13	Zoning administration and floodplain management	11/28/2022 9:29 AM
14	Code Official	11/28/2022 9:12 AM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

15	Flood Plane Manager/Zoning Official	11/28/2022 9:12 AM
16	Code Enforcement	11/28/2022 9:10 AM
17	Mayor	11/28/2022 9:05 AM
18	Planning Director	11/28/2022 8:56 AM
19	Emergency Management/Floodplain Management	11/28/2022 8:27 AM
20	GIS	11/28/2022 8:11 AM
21	Floodplain Administrator/GIS Coordinator	11/28/2022 8:11 AM
22	Addressing & Mapping	11/28/2022 8:10 AM
23	Public Works Director	11/28/2022 8:09 AM
24	MAYOR	11/28/2022 8:03 AM
25	Code Enforcement Officer	11/28/2022 7:59 AM
26	Permit Administration	11/28/2022 7:58 AM
27	Public Works	11/28/2022 7:33 AM
28	Mayor	11/22/2022 11:38 AM
29	Code Enforcement Officer/Floodplain	11/22/2022 8:37 AM
30	Floodplain Administrator	11/21/2022 3:21 PM
31	Building Insp. / Floodplain Manager	11/15/2022 11:55 AM
32	overseeing any work done in flood prone areas, keeping our drains free of toxic materials, building inspections	11/15/2022 8:54 AM
33	Director	11/15/2022 8:29 AM
34	zoning officer	11/14/2022 10:38 AM
35	Town Manager	11/14/2022 9:42 AM
36	City Engineer	11/10/2022 2:10 PM
37	Office of Emergency Services/Floodplain Mgr	11/9/2022 2:23 PM
38	E-911 Addressing Coordinator	11/9/2022 10:49 AM
39	Floodplain Manager/Emergency Management	11/9/2022 8:46 AM
40	Director	11/8/2022 8:57 AM
41	Emergency Management/Floodplain Management	11/8/2022 7:27 AM
42	Director of Planning	11/7/2022 4:27 PM
43	Building Inspector	11/7/2022 3:34 PM
44	Mayor	11/7/2022 3:21 PM
45	Emergency Management which includes Floodplain Management	11/7/2022 2:07 PM
46	Emergency Management and Flood Plain Management	11/7/2022 1:45 PM
47	Code Enforcement	11/7/2022 1:22 PM
48	Code Enforcement Officer	11/7/2022 1:13 PM
49	Code Enforcement	11/7/2022 12:47 PM
50	Floodplain Administrator	11/7/2022 11:35 AM
51	CITY CLERK/TREASURER	11/7/2022 10:45 AM
52	Business Manager	11/7/2022 10:44 AM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

53	Mayor	11/7/2022 10:41 AM
54	Floodplain mgr / Zoning	11/7/2022 10:25 AM
55	GIS	11/7/2022 10:24 AM
56	Inspector/Floodplain Manager	11/7/2022 10:23 AM
57	Code Enforcement	11/7/2022 10:22 AM
#	PHONE NUMBER	DATE
1	304-788-1511	12/1/2022 12:52 PM
2	3405458305	11/30/2022 9:49 AM
3	304-687-9680	11/29/2022 9:04 PM
4	3044570020	11/29/2022 3:51 PM
5	3048042177	11/29/2022 11:49 AM
6	304-333-0786	11/29/2022 10:21 AM
7	3048571121	11/28/2022 9:18 PM
8	13047300379	11/28/2022 1:58 PM
9	304-737-5002	11/28/2022 12:17 PM
10	304-624-1633	11/28/2022 11:59 AM
11	304-684-0035	11/28/2022 11:15 AM
12	3045300257	11/28/2022 11:08 AM
13	304-877-2211	11/28/2022 10:52 AM
14	304-788-1321	11/28/2022 10:22 AM
15	304-696-5540, ext 2094	11/28/2022 9:29 AM
16	3046144100	11/28/2022 9:12 AM
17	304-255-9173	11/28/2022 9:12 AM
18	304-265-1412 ext. 32	11/28/2022 9:10 AM
19	304-652-6361	11/28/2022 9:05 AM
20	304-696-5540 ext. 2090	11/28/2022 8:56 AM
21	304-873-1343	11/28/2022 8:27 AM
22	3042343883	11/28/2022 8:11 AM
23	304-413-0291	11/28/2022 8:11 AM
24	3042696567	11/28/2022 8:10 AM
25	3047368994	11/28/2022 8:09 AM
26	13046878284	11/28/2022 8:03 AM
27	304-989-4709	11/28/2022 7:59 AM
28	3045269704	11/28/2022 7:58 AM
29	13049041411	11/28/2022 7:38 AM
30	304-295-4543	11/28/2022 7:33 AM
31	3044563271	11/22/2022 11:38 AM
32	304-887-1579	11/22/2022 8:37 AM

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33	304-640-3273	11/21/2022 3:21 PM
34	13048453394	11/15/2022 11:55 AM
35	OFC 304-375-7761, Cell 304-481-7604	11/15/2022 8:54 AM
36	3044724983	11/15/2022 8:29 AM
37	304-445-2916	11/14/2022 10:38 AM
38	13046402635	11/14/2022 9:42 AM
39	3046130002	11/10/2022 2:10 PM
40	304-587-2849	11/9/2022 2:23 PM
41	304-329-1855	11/9/2022 10:49 AM
42	3048673133	11/9/2022 9:32 AM
43	3049270918	11/9/2022 8:46 AM
44	1304432850	11/8/2022 1:02 PM
45	5405991639	11/8/2022 8:57 AM
46	304-873-1342	11/8/2022 7:27 AM
47	3046265490	11/7/2022 4:27 PM
48	304-766-0217	11/7/2022 3:34 PM
49	3044909383 (cell)	11/7/2022 3:21 PM
50	304-369-2762	11/7/2022 2:07 PM
51	3044878448	11/7/2022 1:45 PM
52	304-265-1412 ext. 32	11/7/2022 1:22 PM
53	304-687-9680	11/7/2022 1:13 PM
54	304-627-2814	11/7/2022 12:47 PM
55	3048462596	11/7/2022 11:35 AM
56	304-372-3482	11/7/2022 10:45 AM
57	3046680174	11/7/2022 10:44 AM
58	13043745336	11/7/2022 10:41 AM
59	304-646-0121	11/7/2022 10:25 AM
60	3042343883	11/7/2022 10:24 AM
61	304 743-3032	11/7/2022 10:23 AM
62	3042696141	11/7/2022 10:22 AM
#	EMAIL ADDRESS	DATE
1	taxdept@cityofkeyser.com	12/1/2022 12:52 PM
2	fishranger48@gmail.com	11/30/2022 9:49 AM
3	rperry@gmail.com	11/29/2022 9:04 PM
4	cbrandon@barbourcountywv.org	11/29/2022 3:51 PM
5	townofsandfork@gmail.com	11/29/2022 11:49 AM
6	mkrale@marioncountywv.com	11/29/2022 10:21 AM
7	alanmiles@marioncountywv.com	11/28/2022 9:18 PM

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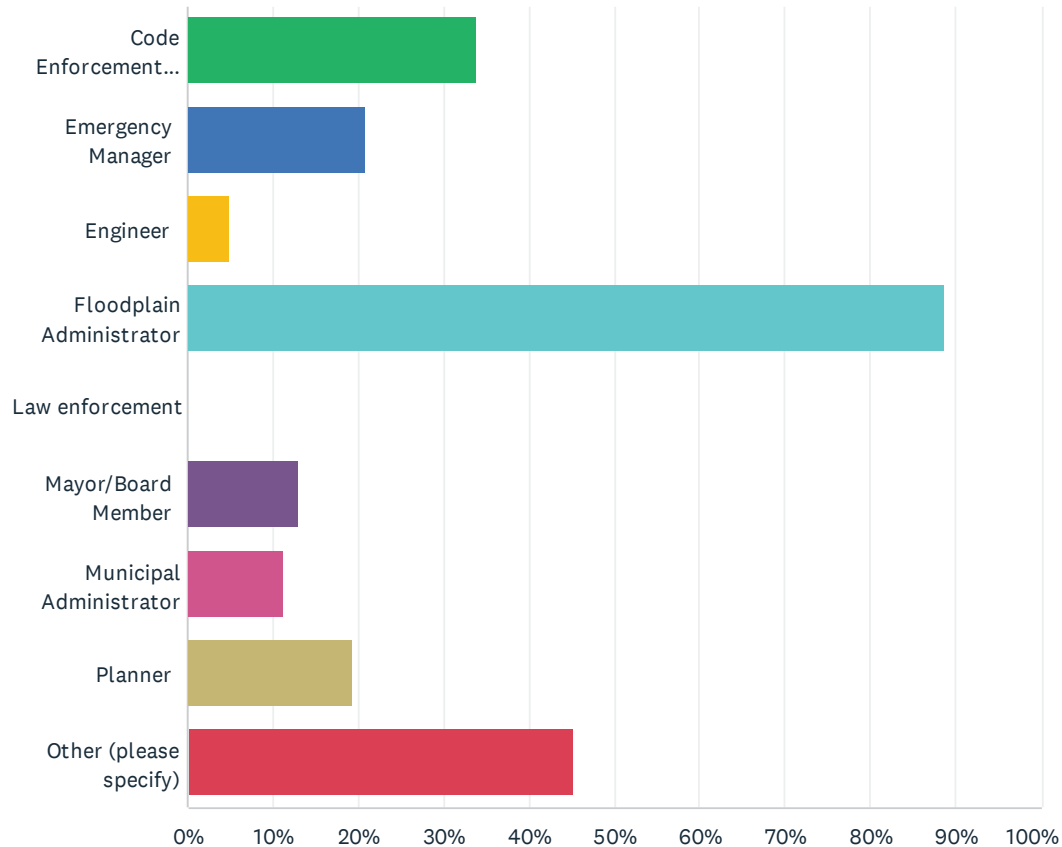
8	sabrown@waynecountywv.org	11/28/2022 1:58 PM
9	anickerson@brookecountyema.com	11/28/2022 12:17 PM
10	acarr@cityofclarksburgwv.com	11/28/2022 11:59 AM
11	dannygreenleaf2@gmail.com	11/28/2022 11:15 AM
12	mscott.hardyplanner@gmail.com	11/28/2022 11:08 AM
13	mike@greenleafwv.com	11/28/2022 10:52 AM
14	john.e.delsignore@wv.gov	11/28/2022 10:22 AM
15	usherp@huntingtonwv.gov	11/28/2022 9:29 AM
16	pisner@cityofelkinswv.com	11/28/2022 9:12 AM
17	brm@raleighcounty.com	11/28/2022 9:12 AM
18	waynebeall@comcast.net	11/28/2022 9:10 AM
19	shellb@huntingtonwv.gov	11/28/2022 8:56 AM
20	doddridgecountyfpm@gmail.com	11/28/2022 8:27 AM
21	dweaver@ohiocountywv.gov	11/28/2022 8:11 AM
22	mpaugh@monongaliacounty.gov	11/28/2022 8:11 AM
23	floodplain@lewisoem.com	11/28/2022 8:10 AM
24	dporter@barboursville.org	11/28/2022 8:09 AM
25	cliffmotes@hotmail.com	11/28/2022 8:03 AM
26	buildinginspector@cityofsouthcharleston.com	11/28/2022 7:59 AM
27	cnelson@cabellcounty.org	11/28/2022 7:58 AM
28	denniscoachfitz@gmail.com	11/28/2022 7:38 AM
29	cm@vienna-wv.com	11/28/2022 7:33 AM
30	shereen.bailey07@gmail.com	11/22/2022 11:38 AM
31	aaron.rutherford@mcdowellcountywv.gov	11/22/2022 8:37 AM
32	rtwilson55@gmail.com	11/21/2022 3:21 PM
33	joerichmond@cityofmoundsville.com	11/15/2022 11:55 AM
34	dvanhorn@williamstownwv.org	11/15/2022 8:54 AM
35	scwykoff@upshurcounty.org	11/15/2022 8:29 AM
36	zoning@aldersonwv.org	11/14/2022 10:38 AM
37	matt@fayettevillewv.gov	11/14/2022 9:42 AM
38	jay.hollen@buckhannonwv.org	11/10/2022 2:10 PM
39	clayoesdirector@hotmail.com	11/9/2022 2:23 PM
40	nick@preston911.com	11/9/2022 10:49 AM
41	amoore@morgancountywv.gov	11/9/2022 9:32 AM
42	mgilbert@roanewvema.org	11/9/2022 8:46 AM
43	townofblacksville@gmail.com	11/8/2022 1:02 PM
44	rmiller@monroecountywv.gov	11/8/2022 8:57 AM
45	doddridgecountyfpm@gmail.com	11/8/2022 7:27 AM

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46	sstrait@fairmontwv.gov	11/7/2022 4:27 PM
47	dunbarbi12@gmail.com	11/7/2022 3:34 PM
48	betsy@wardensville.com	11/7/2022 3:21 PM
49	sbyus@madisonwv.org	11/7/2022 2:07 PM
50	mercercocoem1@outlook.com	11/7/2022 1:45 PM
51	waynebeall@comcast.net	11/7/2022 1:22 PM
52	rperry@lccwv.us	11/7/2022 1:13 PM
53	breed@cityofclarksburgwv.com	11/7/2022 12:47 PM
54	amy26261@gmail.com	11/7/2022 11:35 AM
55	ripleycityclerk@suddenlinkmail.com	11/7/2022 10:45 AM
56	wehrlebyrd@gmail.com	11/7/2022 10:44 AM
57	mayor@bbwv.org	11/7/2022 10:41 AM
58	wsszoning@wsspd.net	11/7/2022 10:25 AM
59	dweaver@ohiocountywv.gov	11/7/2022 10:24 AM
60	inspector@cityofmiltonwv.com	11/7/2022 10:23 AM
61	mlewis@cityofwestonwv.com	11/7/2022 10:22 AM

Q2 Which of the following roles do you perform for your jurisdiction (check all that apply)?

Answered: 62 Skipped: 1



ANSWER CHOICES	RESPONSES	
Code Enforcement Officer	33.87%	21
Emergency Manager	20.97%	13
Engineer	4.84%	3
Floodplain Administrator	88.71%	55
Law enforcement	0.00%	0
Mayor/Board Member	12.90%	8
Municipal Administrator	11.29%	7
Planner	19.35%	12
Other (please specify)	45.16%	28
Total Respondents: 62		

#	OTHER (PLEASE SPECIFY)	DATE
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West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

1	Tax / Court Clerk	12/1/2022 12:52 PM
2	Litter Control Officer	11/29/2022 9:04 PM
3	gis	11/29/2022 10:21 AM
4	Director OES, County Grant Writer	11/28/2022 9:18 PM
5	Building Permit Officer	11/28/2022 1:58 PM
6	911 Director, Mapping & Addressing	11/28/2022 11:15 AM
7	ordinance enforcement but no building code	11/28/2022 11:08 AM
8	County Sanitarian	11/28/2022 10:22 AM
9	transportation planner	11/28/2022 8:56 AM
10	GIS	11/28/2022 8:11 AM
11	Addressing & Mapping, GIS	11/28/2022 8:10 AM
12	Public Works Director	11/28/2022 7:33 AM
13	Recorder	11/21/2022 3:21 PM
14	Building Inspector	11/15/2022 11:55 AM
15	Certified storm water inspector,	11/15/2022 8:54 AM
16	E911 address mapping/coordinator	11/9/2022 2:23 PM
17	Addressing Coordinator/PIO	11/9/2022 10:49 AM
18	GIS	11/9/2022 9:32 AM
19	911 Director and Address Coordinator	11/9/2022 8:46 AM
20	911 & Office of Emergency Management Director	11/8/2022 8:57 AM
21	Planning & Zoning	11/7/2022 3:34 PM
22	Basically a Jane of all trades - whatever needs to be done.	11/7/2022 3:21 PM
23	Litter Control Officer	11/7/2022 1:13 PM
24	Addressing	11/7/2022 12:47 PM
25	Special Projects Coordinator and Administrative Assistant	11/7/2022 11:35 AM
26	911 Addressing, GIS Coordinator, etc.	11/7/2022 10:24 AM
27	Stormwater Manager	11/7/2022 10:23 AM
28	building and zoning	11/7/2022 10:22 AM

Q3 Which of the above roles would you say is your primary responsibility/position?

Answered: 59 Skipped: 4

#	RESPONSES	DATE
1	Floodplain Administrator.	11/29/2022 9:04 PM
2	Primary is Emergency Management	11/29/2022 3:51 PM
3	recorder--taking minutes at council meetings, paying bills and making deposits.	11/29/2022 11:49 AM
4	floodplain	11/29/2022 10:21 AM
5	Director OES/DHSEM	11/28/2022 9:18 PM
6	Floodplain Admin	11/28/2022 1:58 PM
7	Emergency Manager	11/28/2022 12:17 PM
8	Code Enforcement	11/28/2022 11:59 AM
9	911 Director	11/28/2022 11:15 AM
10	Planner	11/28/2022 11:08 AM
11	Mayor	11/28/2022 10:52 AM
12	Floodplain Admin	11/28/2022 10:22 AM
13	Planner	11/28/2022 9:29 AM
14	Code Official	11/28/2022 9:12 AM
15	Planner	11/28/2022 9:12 AM
16	Code Enforcement	11/28/2022 9:10 AM
17	Mayor	11/28/2022 9:05 AM
18	Planner/Planning Dir.	11/28/2022 8:56 AM
19	Emergency Management, but could say equal time is spent on both	11/28/2022 8:27 AM
20	GIS	11/28/2022 8:11 AM
21	Floodplain Administrator/GIS Coordinator	11/28/2022 8:11 AM
22	Addressing & Mapping	11/28/2022 8:10 AM
23	City Engineer	11/28/2022 8:09 AM
24	Code Enforcement Officer	11/28/2022 7:59 AM
25	Floodplain Administrator	11/28/2022 7:58 AM
26	Mayor	11/28/2022 7:38 AM
27	Public Work Director	11/28/2022 7:33 AM
28	Mayor	11/22/2022 11:38 AM
29	Code Enforcement Officer and Floodplain Administrator	11/22/2022 8:37 AM
30	Recorder	11/21/2022 3:21 PM
31	They overlap so much that it is hard to say that one is a primary responsibility.	11/15/2022 11:55 AM

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32	Code enforcement, storm water mostly	11/15/2022 8:54 AM
33	Emergency Manager	11/15/2022 8:29 AM
34	Floodplain	11/14/2022 10:38 AM
35	Town Manager	11/14/2022 9:42 AM
36	Engineer	11/10/2022 2:10 PM
37	OES	11/9/2022 2:23 PM
38	E-911 Addressing Coordinator	11/9/2022 10:49 AM
39	All three.	11/9/2022 9:32 AM
40	911 Director	11/9/2022 8:46 AM
41	Mayor	11/8/2022 1:02 PM
42	911/OEM	11/8/2022 8:57 AM
43	Floodplain	11/8/2022 7:27 AM
44	Planner	11/7/2022 4:27 PM
45	Building Code Enforcement, CFM	11/7/2022 3:34 PM
46	Mayor	11/7/2022 3:21 PM
47	All of the above equally.	11/7/2022 2:07 PM
48	Both	11/7/2022 1:45 PM
49	Code Enforcement	11/7/2022 1:22 PM
50	Floodplain Administrator	11/7/2022 1:13 PM
51	Code Enforcement Official	11/7/2022 12:47 PM
52	All spread pretty evenly	11/7/2022 11:35 AM
53	municipal administrator	11/7/2022 10:45 AM
54	Municipal Administrator	11/7/2022 10:44 AM
55	Mayor	11/7/2022 10:41 AM
56	Floodplain mgr	11/7/2022 10:25 AM
57	GIS Coordinator	11/7/2022 10:24 AM
58	Code Enforcement Official	11/7/2022 10:23 AM
59	code Enforcement	11/7/2022 10:22 AM

Q4 What local department is responsible for floodplain management?

Answered: 50 Skipped: 13

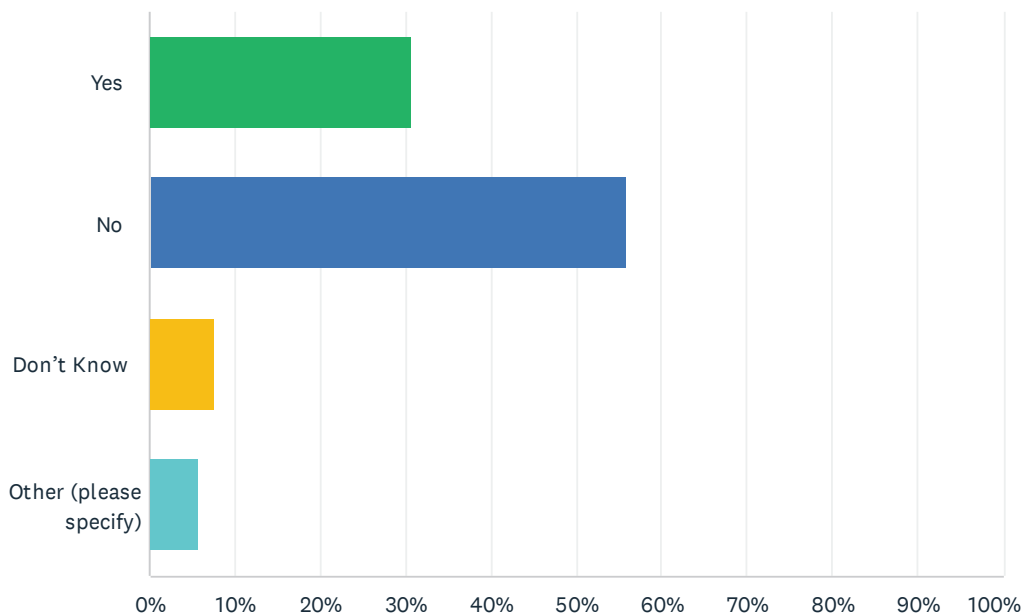
#	RESPONSES	DATE
1	Tax Department	12/1/2022 1:03 PM
2	Office of Emergency Management	11/30/2022 10:52 AM
3	Code Enforcement	11/29/2022 9:07 PM
4	marion county ww commission	11/29/2022 10:25 AM
5	County Emergency Management	11/28/2022 9:39 PM
6	Building Department	11/28/2022 3:54 PM
7	Wayne County Commission	11/28/2022 2:04 PM
8	Planning / Code Enforcement	11/28/2022 1:23 PM
9	County Planner	11/28/2022 11:48 AM
10	Pleasants County Commission - Pleasants County 911	11/28/2022 11:27 AM
11	Planning and Zoning and the Water Quality Board	11/28/2022 9:41 AM
12	Code Enforcement	11/28/2022 9:27 AM
13	Code Enforcement	11/28/2022 9:25 AM
14	County Commission	11/28/2022 9:21 AM
15	Planning	11/28/2022 9:04 AM
16	Doddridge County Office of Emergency Management	11/28/2022 8:42 AM
17	Ohio County Emergency Management	11/28/2022 8:24 AM
18	Monongalia County Planning Department	11/28/2022 8:23 AM
19	Public Works	11/28/2022 8:19 AM
20	OEM	11/28/2022 8:17 AM
21	I will be once I complete the test.	11/28/2022 8:06 AM
22	Cabell County Commissioin	11/28/2022 8:06 AM
23	LOGAN COUNTY RAY PERRY	11/28/2022 8:05 AM
24	Mayor	11/28/2022 7:41 AM
25	McDowell County Commission	11/22/2022 8:42 AM
26	not sure of the question we are a small town	11/21/2022 3:23 PM
27	Upshur County Addressing, Mapping, Building Permits, & Floodplain Management City of Buckhannon Engineering	11/17/2022 8:27 AM
28	City of Moundsville Building Department	11/15/2022 2:19 PM
29	Mayor is who I report to if I have any issues that he needs to be made aware of. I am responsible for all things flood plain	11/15/2022 9:31 AM
30	Town of Alderson	11/14/2022 10:46 AM
31	Fayette County	11/14/2022 9:44 AM

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32	Engineer	11/10/2022 2:18 PM
33	clay county commission	11/9/2022 2:30 PM
34	Preston County Office of Emergency Mangement	11/9/2022 11:44 AM
35	Planning Department	11/9/2022 9:36 AM
36	OEM	11/8/2022 9:17 AM
37	Emergency Management	11/8/2022 7:37 AM
38	Building Inspections, Code Enforcement, and Planning and Development	11/7/2022 4:27 PM
39	Building Department	11/7/2022 3:49 PM
40	City of Madison	11/7/2022 2:38 PM
41	My office	11/7/2022 1:52 PM
42	City government County government	11/7/2022 12:57 PM
43	Office of the Floodplain Administrator	11/7/2022 11:41 AM
44	We are a Class 4 community with no full-time employees. The floodplain manager, by ordinance, is the mayor.	11/7/2022 10:58 AM
45	CITY OF RIPLEY-BUILDING DEPARTMENT	11/7/2022 10:52 AM
46	Town Office	11/7/2022 10:47 AM
47	code Enforcement	11/7/2022 10:44 AM
48	Zoning / Floodplain mgr	11/7/2022 10:35 AM
49	Emergency Management	11/7/2022 10:32 AM
50	Building Dept	11/7/2022 10:31 AM

Q5 Are any certified floodplain managers on staff in your jurisdiction?

Answered: 52 Skipped: 11

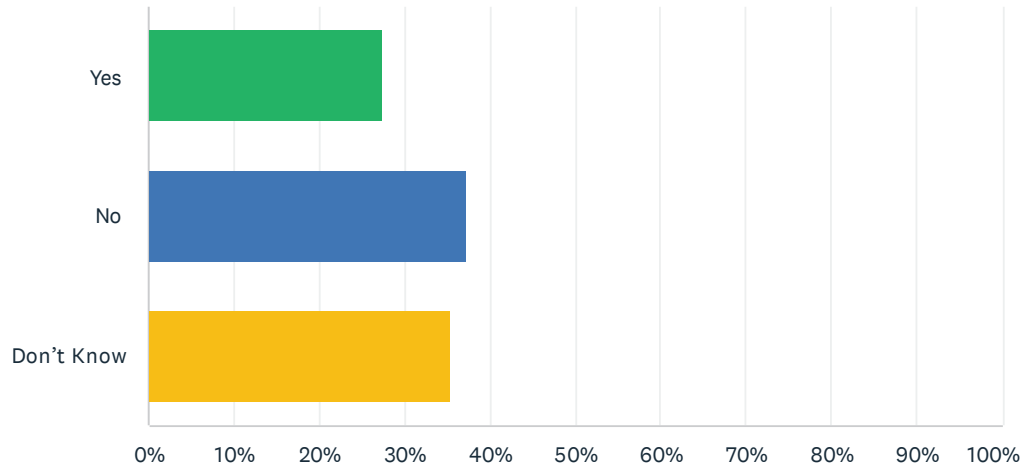


ANSWER CHOICES	RESPONSES	
Yes	30.77%	16
No	55.77%	29
Don't Know	7.69%	4
Other (please specify)	5.77%	3
TOTAL		52

#	OTHER (PLEASE SPECIFY)	DATE
1	Not yet, working on getting my certification	11/30/2022 10:52 AM
2	I was certified but no benefit for my county	11/28/2022 8:17 AM
3	WAITING ON TEST RESULTS	11/7/2022 10:52 AM

Q6 Do you have access to resources to determine possible future flooding conditions [REDACTED]?

Answered: 51 Skipped: 12

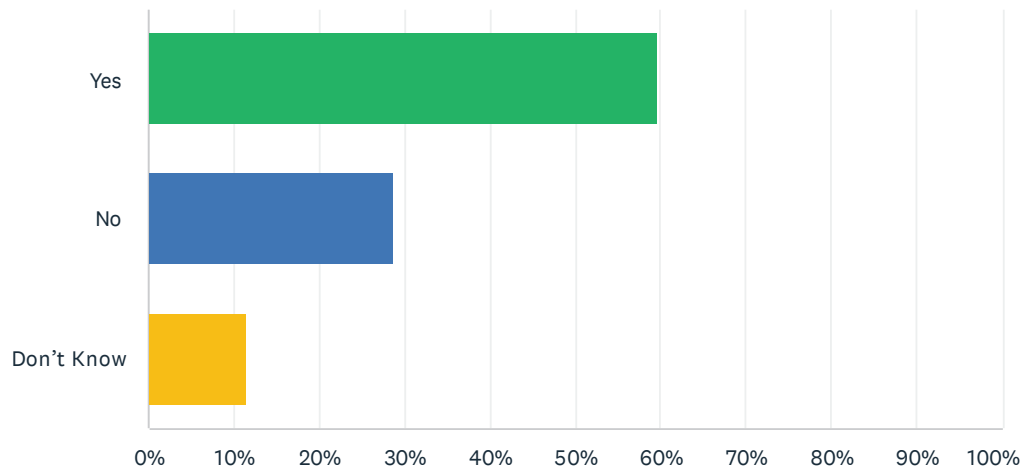


ANSWER CHOICES	RESPONSES	
Yes	27.45%	14
No	37.25%	19
Don't Know	35.29%	18
TOTAL		51

#	IF YES, PLEASE EXPLAIN	DATE
1	WV Flood Tool	11/30/2022 10:52 AM
2	online data	11/29/2022 10:25 AM
3	Maps and assessments.	11/28/2022 9:27 AM
4	The WV flood tool, determined advisory floodplains	11/28/2022 8:24 AM
5	WV Flood Tool Map, and NWS partner. Internet based analysis	11/8/2022 9:17 AM
6	Have access to some information but would like more	11/8/2022 7:37 AM
7	Stream gauge on creek thru town	11/7/2022 10:35 AM
8	The WV flood tool, determined advisory floodplains	11/7/2022 10:32 AM

Q7 Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?

Answered: 52 Skipped: 11



ANSWER CHOICES	RESPONSES	
Yes	59.62%	31
No	28.85%	15
Don't Know	11.54%	6
TOTAL		52

#	IF YES, PLEASE EXPLAIN	DATE
1	Gene a T a n n g on how to p o c e s s a p p l c a n t s t h a t a r e w a n t i n g t o d e v e o p n F o o d p l a n a e a s . H a n d s o n e x p e r e n c e w o u l d b e a g e a t a s s e t i f p o s s i b l e .	11/30/2022 10:52 AM
2	w e n e e d a s s s t a n c e i n e n f o c n g t h e O d n a n c e	11/30/2022 10:05 AM
3	s t a t e w i d e s e m i n a r s a n d o n l i n e t a n n g	11/29/2022 10:25 AM
4	O n g o i n g t a n n g t o s u p p o r t N F I P e q u e m e n t s .	11/28/2022 9:39 PM
5	A n n u a l e q u e m e n t s f o r c o n t i n u i n g e d u c a t i o n c e d t s	11/28/2022 2:04 PM
6	C o n t i n u e d t a n n g s a l w a y s b e n e f i c a .	11/28/2022 11:48 AM
7	v a a t t e n d i n g c o n f e r e n c e s	11/28/2022 11:27 AM
8	g a n t m a n a g e m e n t , p o s t f o o d e q u e m e n t s , e d u c a t i n g t h e p u b l i c	11/28/2022 9:41 AM
9	O n l i n e t a n n g w o u l d b e g o o d .	11/28/2022 9:27 AM
10	R e f r e s h e r C o u r s e s E v e r y y e a r	11/28/2022 9:25 AM
11	A w a y s ! W e a r e i n t e r e s t e d i n m e t g a t i n g a n t t a n n g s u p p o r t c u r r e n t l y	11/28/2022 9:04 AM
12	M o r e A d v a n c e d F o o d p a n c a s s e s	11/28/2022 8:42 AM
13	C o m p e t i t i o n o f F o r m s	11/28/2022 8:19 AM

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14	I just need to take the test for certification. I may wait until the next class in March to brush up on the information in order to take the test.	11/28/2022 8:06 AM
15	New to the job, not sure what training is needed	11/21/2022 3:23 PM
16	We are always open to any kind of training that will keep us up to date on changes and best practices.	11/15/2022 2:19 PM
17	Map changes	11/14/2022 10:46 AM
18	I would like to explore the options of becoming a CFM	11/14/2022 9:44 AM
19	Storm Preparedness Equipment / Warning System; Flood Inundation Maps	11/10/2022 2:18 PM
20	Training Local elected officials and Insurance agents	11/9/2022 11:44 AM
21	It would help to get the management staff certified.	11/9/2022 9:36 AM
22	Deputy Director would allow additional focus on compliance and risk management projects	11/8/2022 9:17 AM
23	Advanced Floodplain courses	11/8/2022 7:37 AM
24	All training, even if just a refresher, is welcome.	11/7/2022 4:27 PM
25	Continuing education , policy updates	11/7/2022 3:49 PM
26	Training in storm water	11/7/2022 2:38 PM
27	more knowledge on mitigation and overall floodplain management strategies and best practices	11/7/2022 11:41 AM
28	no staff	11/7/2022 10:58 AM
29	nothing specific...just general training and knowledge	11/7/2022 10:52 AM
30	Local training for CE hours	11/7/2022 10:47 AM
31	more GIS training	11/7/2022 10:44 AM
32	Always in need of additional training	11/7/2022 10:35 AM

Q8 Provide an explanation of NFIP administration services you provide (e.g. permit review, GIS, education/outreach, inspections, engineering capability)

Answered: 50 Skipped: 13

#	RESPONSES	DATE
1	Permit Review	12/1/2022 1:03 PM
2	Permit Review, GIS, Outreach, trying to gain knowledge to begin educating the public.	11/30/2022 10:52 AM
3	review permits, inspect sites for compliance, provides pamphlets on flood prevention and Insurance, and any assistance asked for	11/30/2022 10:05 AM
4	All of the above except engineering.	11/29/2022 9:07 PM
5	permit review / gis	11/29/2022 10:25 AM
6	Permit Review, GIS, education, inspections (depending on location)	11/28/2022 9:39 PM
7	Building Permits/Floodplain Permits, inspections, education/outreach	11/28/2022 3:54 PM
8	Permitting, education and outreach and inspections	11/28/2022 2:04 PM
9	All the above	11/28/2022 1:23 PM
10	Permit review	11/28/2022 11:48 AM
11	permit review	11/28/2022 11:27 AM
12	permit review, substantial damage/improvement determination,	11/28/2022 9:41 AM
13	Building Permits, Flood Tool Map	11/28/2022 9:27 AM
14	As the Building Official I am required to do a GIS Floodplain determination, and if within the Floodplain do a Floodplain Permit	11/28/2022 9:25 AM
15	Permit Review Education Inspection Engineering	11/28/2022 9:21 AM
16	Permit review, education, substantial improvement/damage, mitigation assistance	11/28/2022 9:04 AM
17	Permit review, education and outreach, inspection as needed	11/28/2022 8:42 AM
18	GIS, Permitting	11/28/2022 8:24 AM
19	floodplain ordinance enforcement, permit review/issuance, field/site inspections, GIS Map creation.	11/28/2022 8:23 AM
20	We provide inspections as needed and have minimal engineering capabilities	11/28/2022 8:19 AM
21	GIS, Print maps, require permits inspect if required, public education and outreach, provide information to those seeking engineers and surveyors, and provide assistance to local/smaller municipalities.	11/28/2022 8:17 AM
22	None as of yet but we are interested in looking into starting.	11/28/2022 8:06 AM
23	We do permit reviews to determine if it is in/near floodplain and then provide services as needed.	11/28/2022 8:06 AM
24	BUILDING PERMITS	11/28/2022 8:05 AM
25	new buildings in floodplain	11/28/2022 7:41 AM
26	I provide permits and inspections	11/22/2022 8:42 AM
27	Permit review, inspections, GIS, engineering within the city of Buckhannon	11/17/2022 8:27 AM

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28	Permitting, Compliance Inspections, Education of citizens, Floodplain map determinations.	11/15/2022 2:19 PM
29	education/outreach inspections, permitting	11/15/2022 9:31 AM
30	permits. education. inspections	11/14/2022 10:46 AM
31	Issue Building Permits at our office	11/14/2022 9:44 AM
32	Permit Review; GIS services; Education; Inspection (pre- and post-construction); Elevation Certificate assistance; Engineering requirements; Zoning requirements; Enforcement of Floodplain Ordinance;	11/10/2022 2:18 PM
33	permitting	11/9/2022 2:30 PM
34	Following the flood plain ordinance, permits, flood plain determinations	11/9/2022 11:44 AM
35	Permit Review and GIS	11/9/2022 9:36 AM
36	My office provides education to property owners within FP, permitting for development of FP, Addressing, and overview of the WV Flood Tool Map. I also provide the public with resource list of available Engineering, Surveyors, and contractors qualified to build within FP areas.	11/8/2022 9:17 AM
37	Permit Review, Outreach, education	11/8/2022 7:37 AM
38	Permit review, GIS, inspections	11/7/2022 4:27 PM
39	permit review, inspections	11/7/2022 3:49 PM
40	Permit reviews education/outreach inspections grant writing	11/7/2022 2:38 PM
41	Review permit applications and Permit issuing within the county	11/7/2022 1:52 PM
42	Permit review, education, inspections	11/7/2022 12:57 PM
43	When a permit application is received it is reviewed by office to determine whether it is in the SFHA or not. If it is then I contact the applicant and move forward with a floodplain development permit application and other applicable requirements.	11/7/2022 11:41 AM
44	I have only issued one permit. Again, very small community. I am unable to attend most trainings due to transportation issues. (legally blind) and time constraints.	11/7/2022 10:58 AM
45	permit review and inspection	11/7/2022 10:52 AM
46	Permit review, Education /Outreach	11/7/2022 10:47 AM
47	permit review, inspections, zoning, verification of BFEs	11/7/2022 10:44 AM
48	Permit review, inspectons	11/7/2022 10:35 AM
49	I provide GIS, outreach, and inspections. Mostly pre construction inspections to move new constructions out of the Special Flood Hazard Area.	11/7/2022 10:32 AM
50	We use the flood tool to determine bfe and elevation of structures for permitting process and to determine what work can be done.	11/7/2022 10:31 AM

Q9 How do you determine if proposed development on an existing structure would qualify as a substantial improvement?

Answered: 49 Skipped: 14

#	RESPONSES	DATE
1	I would need to see cost of improvements, compare the improvements to the most recent assesment to their existing structure and if the cost of the project is 50% or more than that, it is considered a substantial improvement. If this is the case, the entire structure has to be in compliance of the floodplain ordinance.	11/30/2022 10:52 AM
2	we require an appraisal of the home, and an estimate of the work to be done. if it is more than 50 %of the value of the home, it is substantial improvement	11/30/2022 10:05 AM
3	online	11/29/2022 10:25 AM
4	50% of appraised value of property or greater. This can be accomplished by an appraisal firm or the assessors office. Consistency is key.	11/28/2022 9:39 PM
5	assessor's office or home appraisal from appraisal company	11/28/2022 3:54 PM
6	I check the appraised value in the tax records.	11/28/2022 2:04 PM
7	When the damage exceeds 50% of the fair market value before the damage occurred as per IEBC definition.	11/28/2022 1:23 PM
8	Once a permit application is submitted, information obtained from the assessors office is used to help make determination.	11/28/2022 11:48 AM
9	n/a	11/28/2022 11:27 AM
10	determine if past work has been done, add cost of all work done and compare it to the assessed value of the structure. if it is over 50% of the value the work is a substantial improvement.	11/28/2022 9:41 AM
11	Building Permit	11/28/2022 9:27 AM
12	I use the Assessors Web Site for estimated cost of the structure and the cost of the improvement	11/28/2022 9:25 AM
13	Tax Records/Building Permit Cost	11/28/2022 9:21 AM
14	Compare the cost of the improvement cost to the building value	11/28/2022 9:04 AM
15	If the project cost is over 50% of the value of the structure based on the the Doddridge County Assessor's web site	11/28/2022 8:42 AM
16	If it is more than 50% of the value of the structure.	11/28/2022 8:24 AM
17	through the permit review I check the cost of project compared to value of structure on our county GIS Parcel viewer containing our county parcel/assessment mapping data.	11/28/2022 8:23 AM
18	Check the FEMA requirements	11/28/2022 8:19 AM
19	value of current structure vs construction cost	11/28/2022 8:17 AM
20	All current information is based on the municipal building permit(s) the city issues.	11/28/2022 8:06 AM
21	If its value will increase by at least 50%	11/28/2022 8:06 AM
22	WE HAVE A BUILDING COMMISSION THAT DETERMINES THAT	11/28/2022 8:05 AM
23	review permits	11/28/2022 7:41 AM
24	if its cost of improvement exceeds 50 percent of what the home is appraised	11/22/2022 8:42 AM

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25	any repair, reconstruction, rehab add or other improvement that the cost of which equals or exceeds 50% of market value	11/21/2022 3:23 PM
26	Permit review process	11/17/2022 8:27 AM
27	County tax records	11/15/2022 2:19 PM
28	We require a survey to determine the actual value, If necessary, we involve a structural engineer to make sure foundation, etc. is not damaged	11/15/2022 9:31 AM
29	inspections. permits. value	11/14/2022 10:46 AM
30	Unsure	11/14/2022 9:44 AM
31	SI/SD 50% with improvement estimates required as part of the permit application. If it is determined that the project is at least 40% SI/SD, meetings with the owners are held to discuss the implications of exceeding the 50% SI/SD limit.	11/10/2022 2:18 PM
32	over 50% of the structure value	11/9/2022 2:30 PM
33	That is extremely difficult with no other local building permits most people are not aware that a permit is required for the flood plain.	11/9/2022 11:44 AM
34	Using the Morgan County iAS Property Record Card	11/9/2022 9:36 AM
35	Tax assessor's appraisal, while offering property owner to acquire appraiser for updated market value.	11/8/2022 9:17 AM
36	If the cost of improvement is over 50% of the value of the structure based on the county assessor's office records	11/8/2022 7:37 AM
37	Certified appraisal or county tax appraisal comparison to proposed budget of improvements	11/7/2022 4:27 PM
38	Value based, over 50 % of appraisal would trigger substantial improvement	11/7/2022 3:49 PM
39	Use the formula if the development is over 50% of the value of the property it's considered a substantial improvement. Sometimes I use the substantial damage estimator	11/7/2022 2:38 PM
40	Based of the Home value	11/7/2022 1:52 PM
41	If the value of work exceeds 50% of the value of the structure.	11/7/2022 12:57 PM
42	Substantial Improvement calculator	11/7/2022 11:41 AM
43	Our Village is located on the east side of WVSR 2, no part of housing is in the floodplain.	11/7/2022 10:58 AM
44	more than 50% of the appraised value	11/7/2022 10:52 AM
45	Increase property valuation	11/7/2022 10:47 AM
46	Determine the current market value based on assessments and / or appraisals. If improvements or damage are 50% or more of the market value it is SI or SD	11/7/2022 10:44 AM
47	Value of the existing structure vs the improvement. Location of the improvement.	11/7/2022 10:35 AM
48	If the improvement costs more than 50% of the value of the structure.	11/7/2022 10:32 AM
49	We use the assessors gis tool to see the appraised values in determining substantial improvements	11/7/2022 10:31 AM

Q10 What are the barriers to running an effective NFIP program in the community, if any?

Answered: 43 Skipped: 20

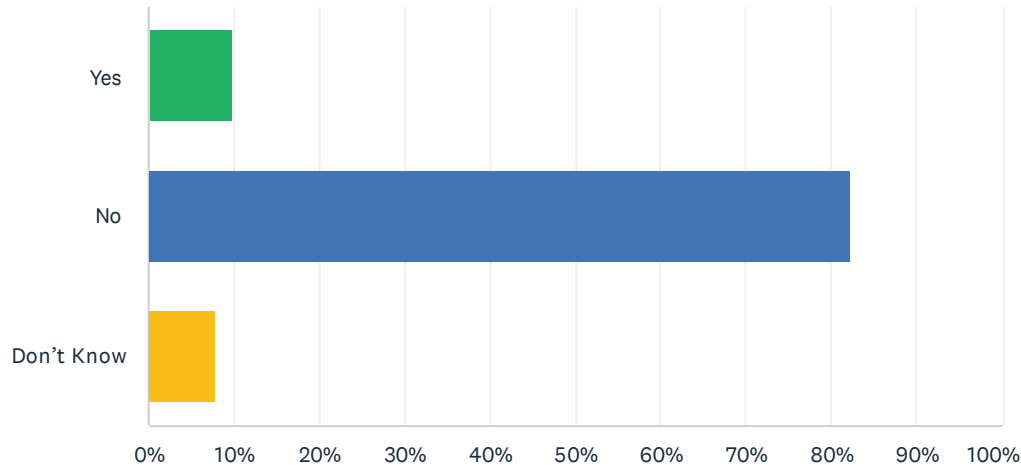
#	RESPONSES	DATE
1	Limited experience since we just began enforcing permits in 2018. Limited time as I am the only Floodplain manager for the entire county and have Emergency Manager duties that take priority on most occasions.	11/30/2022 10:52 AM
2	It is hard to police every nook and cranny of the County. some construction falls through the cracks, and it is hard to enforce without a n ordinance without teeth	11/30/2022 10:05 AM
3	finances	11/29/2022 10:25 AM
4	Unable to generate enough revenue to support its own program in rural areas.	11/28/2022 9:39 PM
5	Local utility	11/28/2022 2:04 PM
6	Lack of code enforcement statewide, funding statewide, and being prepared to act during and after a flood event.	11/28/2022 1:23 PM
7	Resources. Most counties/jurisdictions do not have the money to pay for the correct numbers of staff. Often the floodplain admin is doing numerous extra duties and cannot take the time to do their job effectively. This always for mistakes to be made. Lack of funding also hinders the hiring of a candidate that would be best for the job.	11/28/2022 11:48 AM
8	not providing enough info to the general public on the guidelines of NFIP	11/28/2022 11:27 AM
9	lack of communication between municipal departments regarding floodplain management and a county that does not have an effective floodplain management department	11/28/2022 9:41 AM
10	Uninformed Public	11/28/2022 9:21 AM
11	Public education about the floodplain requirements, cost of compliance with the code	11/28/2022 9:04 AM
12	Training, funding for projects	11/28/2022 8:42 AM
13	Contractors and residents not knowing about floodplain regulations.	11/28/2022 8:24 AM
14	Getting the point across to our community that if you are developing near ANY body of water to contact our office to see if you are located in the FEMA designated 100 year floodplain boundary.	11/28/2022 8:23 AM
15	We are a very small town and do not qualify	11/28/2022 8:19 AM
16	People knowing you exist and willingly complying.	11/28/2022 8:17 AM
17	Time. WE are not able to have one person dedicated solely to floodplain issues.	11/28/2022 8:06 AM
18	local property owner resistance	11/28/2022 8:06 AM
19	little money and manpower	11/28/2022 7:41 AM
20	To make sure everything is being built up to code	11/22/2022 8:42 AM
21	Funding	11/17/2022 8:27 AM
22	The public not understanding what the NFIP is and what their role is in the community. And why is it in the floodplain I have never seen water on my property.	11/15/2022 2:19 PM
23	communications between FPM & community. No one wants someone telling them they can't build or how to build or it cost more than 50% to fix.	11/15/2022 9:31 AM
24	one person	11/14/2022 10:46 AM

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25	Money; Buy-in from the community; Individuals not understanding the requirements; Interference from within;	11/10/2022 2:18 PM
26	no coding/field work enforcement	11/9/2022 2:30 PM
27	Public outreach and local support from municipalities as they are not aware of what their ordinance is even for they look at it as restricting growth in their towns. Hard to get support to enforce and strengthen the Ordinance	11/9/2022 11:44 AM
28	The community doesn't not want to be told what to do with their property.	11/9/2022 9:36 AM
29	Territorial size for one person to manage. Property owners have been allowed in the past to do what they want. Education of the owners as to what is required for compliance and construction within FP areas.	11/8/2022 9:17 AM
30	Support from community leaders	11/8/2022 7:37 AM
31	Training	11/7/2022 4:27 PM
32	manpower is the biggest issue.	11/7/2022 3:49 PM
33	The public and politicians are not educated enough. Most think it's a suggestion, not an ordinance they have to comply with.	11/7/2022 2:38 PM
34	No Building codes or Building permit process.	11/7/2022 1:52 PM
35	Public Education	11/7/2022 12:57 PM
36	administration and public knowledge and willingness for change and advancement	11/7/2022 11:41 AM
37	lack of employees and time.	11/7/2022 10:58 AM
38	none	11/7/2022 10:52 AM
39	Small rural area	11/7/2022 10:47 AM
40	structures that existed prior to FIRM maps. Reluctance of property owners to accept upgraded codes	11/7/2022 10:44 AM
41	Permit review and permitted before construction has started. Many come in during or after completed.	11/7/2022 10:35 AM
42	Residents not understanding the program.	11/7/2022 10:32 AM
43	N/A	11/7/2022 10:31 AM

Q11 Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, state the violations.

Answered: 51 Skipped: 12



ANSWER CHOICES	RESPONSES
Yes	9.80% 5
No	82.35% 42
Don't Know	7.84% 4
TOTAL	51

#	IF YES, PLEASE EXPLAIN	DATE
1	there are some houses not built to 2ft freeboard and some that need mechanical assessed.	11/30/2022 10:05 AM
2	3 I've inherited from previous administration. All of which have been served and awaiting outcome.	11/28/2022 9:39 PM
3	I want to say no, because I don't know of them, but I'm sure someone somewhere did something.	11/28/2022 8:17 AM
4	"Weekend get aways" or "Summer" cottages along the streams, <50ft off banks, with outbuilding on the ground on one corner of blocks. Low cost living arrangement, but can cause high loss damage during floods. Most of these owners are out of state purchases, cash deals, off grid utilities, no request for sanitation or electrical. Hard to track, find, or bring into compliance.	11/8/2022 9:17 AM
5	Unsubstantiated violation type. Check and Follow up with no LOMA-F	11/7/2022 1:52 PM
6	Renovations done after an appeal to mayor and council.	11/7/2022 10:35 AM

Q12 When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?

Answered: 44 Skipped: 19

#	RESPONSES	DATE
1	I don't know.	11/30/2022 10:52 AM
2	i have only been here 2 years. i have not seen one	11/30/2022 10:05 AM
3	2019	11/29/2022 9:07 PM
4	Established at last CFM class. Several years.	11/28/2022 9:39 PM
5	2018 I believe	11/28/2022 3:54 PM
6	I believe it was 2018	11/28/2022 2:04 PM
7	February -2022	11/28/2022 1:23 PM
8	Due to Covid, around approximate 7 years ago.	11/28/2022 11:48 AM
9	N/A	11/28/2022 11:27 AM
10	I do not know	11/28/2022 9:41 AM
11	3 years ago.	11/28/2022 9:27 AM
12	2019	11/28/2022 9:25 AM
13	Unknown/ Possibly 2010	11/28/2022 9:21 AM
14	2014	11/28/2022 9:04 AM
15	FEMA CAV meeting, 7/27/2021, in-person visit 11/29/2021, letter of good standing issued 1/7/2022	11/28/2022 8:42 AM
16	2019?	11/28/2022 8:24 AM
17	2010	11/28/2022 8:23 AM
18	Do not remember one at all	11/28/2022 8:19 AM
19	Can't remember exact date. 2019 i believe	11/28/2022 8:17 AM
20	Unknown	11/28/2022 8:06 AM
21	February 2022	11/28/2022 8:06 AM
22	not sure we've had one	11/28/2022 7:41 AM
23	It was sometime before 2012.	11/15/2022 2:19 PM
24	CAV 2018 Betsy Rankin	11/15/2022 9:31 AM
25	2022	11/14/2022 10:46 AM
26	Unkown	11/14/2022 9:44 AM
27	June 22, 2022	11/10/2022 2:18 PM
28	May 2018	11/9/2022 2:30 PM
29	Unsure	11/9/2022 11:44 AM
30	Unknown by myself, I started in mid-2019.	11/8/2022 9:17 AM
31	January 2021	11/8/2022 7:37 AM

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32	Unsure.	11/7/2022 4:27 PM
33	unknown	11/7/2022 3:49 PM
34	Last year (2021)	11/7/2022 2:38 PM
35	Unsure	11/7/2022 1:52 PM
36	February 22, 2022	11/7/2022 12:57 PM
37	unknown	11/7/2022 11:41 AM
38	couple years ago	11/7/2022 10:58 AM
39	unknown	11/7/2022 10:52 AM
40	N/A	11/7/2022 10:47 AM
41	I don't know	11/7/2022 10:44 AM
42	??	11/7/2022 10:35 AM
43	2019?	11/7/2022 10:32 AM
44	Last Year	11/7/2022 10:31 AM

Q13 Provide local law number or municipal code and date of your floodplain ordinance.

Answered: 45 Skipped: 18

#	RESPONSES	DATE
1	BC-18-01 on 06/04/2018	11/30/2022 10:52 AM
2	2007	11/30/2022 10:05 AM
3	Established Floodplain Ordinance (non-codified) September 2013	11/28/2022 9:39 PM
4	540026 09/03/2010	11/28/2022 3:54 PM
5	Wayne County Building Permit and Floodplain Ordinance dated 7-15-2019	11/28/2022 2:04 PM
6	Article 1747 Codified Ordinance - 9//20/12	11/28/2022 1:23 PM
7	No county or local code numbers. Just reference to WV State codes that gave our county the authority to create our ordinance. It was adopted 2-10-2016	11/28/2022 11:48 AM
8	Floodplain Ordinance April, 23 2014	11/28/2022 11:27 AM
9	Article 1349 of the City of Huntington Zoning Ordinance, enacted December 14, 1998	11/28/2022 9:41 AM
10	Ordinance 779 in 2009	11/28/2022 9:27 AM
11	Ordinance 299	11/28/2022 9:25 AM
12	September 5, 2006	11/28/2022 9:21 AM
13	1349 (adopted current version in April 2015)	11/28/2022 9:04 AM
14	Doddridge County Floodplain Ordinance Revised June 5, 2018	11/28/2022 8:42 AM
15	2006 https://www.ohiocountyemergency.com/uploads/6u_Ohio_Co._Floodplain_Ordinance_June_2006(1).pdf	11/28/2022 8:24 AM
16	Public Law 91-152 / March 20, 2019.	11/28/2022 8:23 AM
17	Article 1709 in the codified Ordinances of Barboursville which is available on our website	11/28/2022 8:19 AM
18	09femaord updated 3-22-2010	11/28/2022 8:17 AM
19	Unknown	11/28/2022 8:06 AM
20	Cabell County Floodplain ordinance originally passed 1987	11/28/2022 8:06 AM
21	304-462-7411	11/28/2022 7:41 AM
22	06/02/2010	11/21/2022 3:23 PM
23	City Ordinance 353 10/7/10, Upshur County Floodplain Ordinance 1/16/20	11/17/2022 8:27 AM
24	Art. 1755. Flood Control Regulations. 9/1/09 https://codelibrary.amlegal.com/codes/moundsville/latest/moundsville_wv/0-0-0-16895#JD_1755	11/15/2022 2:19 PM
25	Article 1741 Floodplain regulations June 2013	11/15/2022 9:31 AM
26	10/11/2012	11/14/2022 10:46 AM
27	Unknown	11/14/2022 9:44 AM
28	City of Buckhannon 353 (Floodplain Ordinance), which became effective on October 7, 2010.	11/10/2022 2:18 PM
29	03/01/2021	11/9/2022 2:30 PM

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30	last undated 6-5-2012	11/9/2022 11:44 AM
31	2009	11/9/2022 9:36 AM
32	FP Ordinance 6/2010. Established from NFIP and FEMA recommendations 1983	11/8/2022 9:17 AM
33	Doddridge County Floodplain Ordinance, June 5, 2018	11/8/2022 7:37 AM
34	Article 1765 of city code. https://codelibrary.amlegal.com/codes/fairmont/latest/fairmont_wv/0-0-0-19097	11/7/2022 4:27 PM
35	Article 1749 Flood Control November 19, 2007	11/7/2022 3:49 PM
36	City of Madison Code Section 19.1 thru 19.1.36	11/7/2022 2:38 PM
37	Our Flood Plain ordinance was adopted in 1987 I think and reapproved in 2007	11/7/2022 1:52 PM
38	Clarksburg City Ordinance Article 1747 9/20/2012	11/7/2022 12:57 PM
39	Chapter 19, September 16, 2021	11/7/2022 11:41 AM
40	Ordinance 51	11/7/2022 10:58 AM
41	article 1741 01/06/2004	11/7/2022 10:52 AM
42	Ordinance 124 November 2021	11/7/2022 10:47 AM
43	5/4/92 readopted 8/16/21	11/7/2022 10:44 AM
44	2006 https://www.ohiocountyemergency.com/uploads/6u_Ohio_Co._Floodplain_Ordinance_June_2006(1).pdf	11/7/2022 10:32 AM
45	1731 January 3,2008	11/7/2022 10:31 AM

Q14 Does your floodplain management program meet or exceed minimum requirements? If exceeds, in what ways?

Answered: 49 Skipped: 14

#	RESPONSES	DATE
1	meets	12/1/2022 1:03 PM
2	Meet	11/30/2022 10:52 AM
3	provides for 2 ft of freeboard	11/30/2022 10:05 AM
4	Yes. Built in to the state model ordinance.	11/29/2022 9:07 PM
5	Exceeds, 2 ft freeboard	11/28/2022 9:39 PM
6	CRS community, building Codes, Zoning ordinance	11/28/2022 3:54 PM
7	exceeds with two foot freeboard.	11/28/2022 2:04 PM
8	Meets the minimum.	11/28/2022 1:23 PM
9	Meets	11/28/2022 11:48 AM
10	MEET	11/28/2022 11:27 AM
11	No	11/28/2022 9:41 AM
12	no	11/28/2022 9:27 AM
13	Meets	11/28/2022 9:25 AM
14	Meet	11/28/2022 9:21 AM
15	yes, meets, the standard code, includes two feet of freeboard	11/28/2022 9:04 AM
16	Meets	11/28/2022 8:42 AM
17	We require 2' of freeboard.	11/28/2022 8:24 AM
18	meets minimum requirements.	11/28/2022 8:23 AM
19	Meets	11/28/2022 8:19 AM
20	Exceeds, we have 2.5 ft of freeboard.	11/28/2022 8:17 AM
21	Unknown	11/28/2022 8:06 AM
22	Cabell County requires 2 feet of freeboard	11/28/2022 8:06 AM
23	MEETS	11/28/2022 8:05 AM
24	minimum training	11/28/2022 7:41 AM
25	meets	11/22/2022 8:42 AM
26	Meets requirements	11/17/2022 8:27 AM
27	We meet the requirements but try to exceed them.	11/15/2022 2:19 PM
28	Ours mirrors the States	11/15/2022 9:31 AM
29	yes	11/14/2022 10:46 AM
30	Unkown	11/14/2022 9:44 AM
31	Meet and exceed as the City is a CRS community	11/10/2022 2:18 PM

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32	meet	11/9/2022 2:30 PM
33	Meets	11/9/2022 11:44 AM
34	Meet minimum but would like to exceed	11/9/2022 9:36 AM
35	Exceeds with 2ft freeboard.	11/8/2022 9:17 AM
36	Meets	11/8/2022 7:37 AM
37	Meets.	11/7/2022 4:27 PM
38	Meets	11/7/2022 3:49 PM
39	Meets	11/7/2022 2:38 PM
40	Mercer county has 2' freeboard within the ordinance	11/7/2022 1:52 PM
41	Exceeds-1foot of free board	11/7/2022 12:57 PM
42	exceeds. Two-Foot freeboard.	11/7/2022 11:41 AM
43	?	11/7/2022 10:58 AM
44	meets	11/7/2022 10:52 AM
45	Meets	11/7/2022 10:47 AM
46	exceeds...we have a 2' freeboard	11/7/2022 10:44 AM
47	Exceed. 2ft freeboard.	11/7/2022 10:35 AM
48	We require 2' of freeboard.	11/7/2022 10:32 AM
49	exceeds. 2ft freeboard	11/7/2022 10:31 AM

Q15 Are there other local ordinances, plans or programs (e.g. site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?

Answered: 47 Skipped: 16

#	RESPONSES	DATE
1	we do not have a planning or zoning board	11/30/2022 10:52 AM
2	No.	11/29/2022 9:07 PM
3	No planning or zoning. Recommendations are brought before commission.	11/28/2022 9:39 PM
4	no	11/28/2022 3:54 PM
5	no	11/28/2022 2:04 PM
6	No	11/28/2022 1:23 PM
7	Our county requires a building permit for construction. The floodplain coordinating begins there. We do not have building code enforcement or zoning. If it is within a floodplain, then i has to meet the requirements of our ordinance.	11/28/2022 11:48 AM
8	N/A	11/28/2022 11:27 AM
9	No.	11/28/2022 9:41 AM
10	Yes	11/28/2022 9:27 AM
11	No	11/28/2022 9:25 AM
12	Yes/ Zoning/ Sub-division guidelines	11/28/2022 9:21 AM
13	stormwater utility has requirements for site runoff reduction and over 5,000 sf of land disturbance needs to mitigate % of rainwater on site	11/28/2022 9:04 AM
14	No	11/28/2022 8:42 AM
15	No	11/28/2022 8:24 AM
16	yes, the Monongalia County Planning Dept. has a floodplain review section in their West Run zoning application for development.	11/28/2022 8:23 AM
17	Site plan review and code official inspections	11/28/2022 8:19 AM
18	No, Our planning commission is kind of defunct but have not issued any variances.	11/28/2022 8:17 AM
19	Floodplain issues are considered when issuing building permits.	11/28/2022 8:06 AM
20	no	11/28/2022 8:06 AM
21	n/a	11/28/2022 7:41 AM
22	We use IPMC 2018 thats consistant with helping structures being built safe from the flood path	11/22/2022 8:42 AM
23	zoning board does	11/21/2022 3:23 PM
24	Yes	11/17/2022 8:27 AM
25	The floodplain manager will inform the planning or zoning board of any requests in the floodplain and inform them of the regulations that apply and how it may affect the surrounding properties. The city has adopted the current state building code.	11/15/2022 2:19 PM

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26	All projects slated for flood prone areas have to be reviewed by planning comm to make sure all areas are covered.	11/15/2022 9:31 AM
27	yes	11/14/2022 10:46 AM
28	Unkown	11/14/2022 9:44 AM
29	Building and Code Enforcement must work within / alongside the CFM to ensure that all requirements of the City are met.	11/10/2022 2:18 PM
30	no	11/9/2022 2:30 PM
31	None	11/9/2022 11:44 AM
32	Building Permit, the county does not want to adopt codes	11/9/2022 9:36 AM
33	County Planning Commission is in full support with FPM and requested that I set on the Board as a reference when reviewing request.	11/8/2022 9:17 AM
34	None	11/8/2022 7:37 AM
35	Yes. Site Plan Review for the zoning code along with Major Subdivision reviews. Both may be considered by the BZA or PC.	11/7/2022 4:27 PM
36	All flood plain ordinances are contained in Article 1749	11/7/2022 3:49 PM
37	Yes, our planning committee considers them.	11/7/2022 2:38 PM
38	Not that I know of	11/7/2022 1:52 PM
39	Site plan review takes into account flood risk and reducing flood risk.	11/7/2022 12:57 PM
40	no. no other zoning or planning departments active in the city at this time.	11/7/2022 11:41 AM
41	Beech Bottom does have a zoning ordinance and a building permit process, We also have a building inspector for our Building Enforcement Agency. We have only had one instance when a new company wanted to build in floodplain. Their plans were changed after meeting with reps from village.	11/7/2022 10:58 AM
42	no	11/7/2022 10:52 AM
43	No	11/7/2022 10:47 AM
44	yes they do. also I have requested to attend regional planning commission meetings on mitigation planning.	11/7/2022 10:44 AM
45	Unknown	11/7/2022 10:35 AM
46	No	11/7/2022 10:32 AM
47	Yes	11/7/2022 10:31 AM

Q16 Does your community plan to join the CRS program or is your community interested in improving your CRS classification?

Answered: 47 Skipped: 16

#	RESPONSES	DATE
1	My goal is to work on this once a better understanding of the foundations of the Floodplain Manager role.	11/30/2022 10:52 AM
2	we belong	11/30/2022 10:05 AM
3	No.	11/29/2022 9:07 PM
4	Yes, it is my personal goal for the community	11/28/2022 9:39 PM
5	already in CRS	11/28/2022 3:54 PM
6	yes	11/28/2022 2:04 PM
7	Not to my knowledge	11/28/2022 1:23 PM
8	We have always encourage to exceed the minimum requirements. It has not been discussed in my 3 years at this position.	11/28/2022 11:48 AM
9	N/A	11/28/2022 11:27 AM
10	No	11/28/2022 9:41 AM
11	Possibility	11/28/2022 9:27 AM
12	No	11/28/2022 9:25 AM
13	not at this time	11/28/2022 9:21 AM
14	we are interested but need to invest the time to the application and creation for the program requirements. Staffing levels have been a concern	11/28/2022 9:04 AM
15	Yes	11/28/2022 8:42 AM
16	No	11/28/2022 8:24 AM
17	yes	11/28/2022 8:23 AM
18	We would consider this program	11/28/2022 8:19 AM
19	not currently.	11/28/2022 8:17 AM
20	We are interested in improving our CRS classification and may be able to work to join the CRS program.	11/28/2022 8:06 AM
21	not at this time	11/28/2022 8:06 AM
22	n/a	11/28/2022 7:41 AM
23	yes	11/22/2022 8:42 AM
24	Yes	11/17/2022 8:27 AM
25	I would like to join the CRS program however with the amount of work that goes into the CRS program and the last numbers we had on the number of residents with policies it was decided that the savings would not offset the expense to start. After the next CAV we may consider trying at that point.	11/15/2022 2:19 PM
26	Im looking into it now, but can't say when	11/15/2022 9:31 AM
27	yes	11/14/2022 10:46 AM

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28	CRS?	11/14/2022 9:44 AM
29	Already a member	11/10/2022 2:18 PM
30	joined	11/9/2022 2:30 PM
31	It has be discussed but with all the other duties we have it is hard to commit to they about of time that would be required to join CRS	11/9/2022 11:44 AM
32	Improving the CRS classification.	11/9/2022 9:36 AM
33	I have set CRS as a goal for my office and still remains to gain the buy in of the County Commission. I do not see this as an issue when the time arises.	11/8/2022 9:17 AM
34	Yes	11/8/2022 7:37 AM
35	Yes.	11/7/2022 4:27 PM
36	We have a CRS of 10 currently. I plan to improve it within the next two years	11/7/2022 3:49 PM
37	No	11/7/2022 2:38 PM
38	Not at this time	11/7/2022 1:52 PM
39	No plans to join currently.	11/7/2022 12:57 PM
40	it would be nice in the future.	11/7/2022 11:41 AM
41	no	11/7/2022 10:58 AM
42	not sure	11/7/2022 10:52 AM
43	In planning stages	11/7/2022 10:47 AM
44	We always want to improve our classification	11/7/2022 10:44 AM
45	Maybe	11/7/2022 10:35 AM
46	No	11/7/2022 10:32 AM
47	Not as of now due to floodwall construction	11/7/2022 10:31 AM

Q17 Describe areas prone to flooding in your jurisdiction.

Answered: 48 Skipped: 15

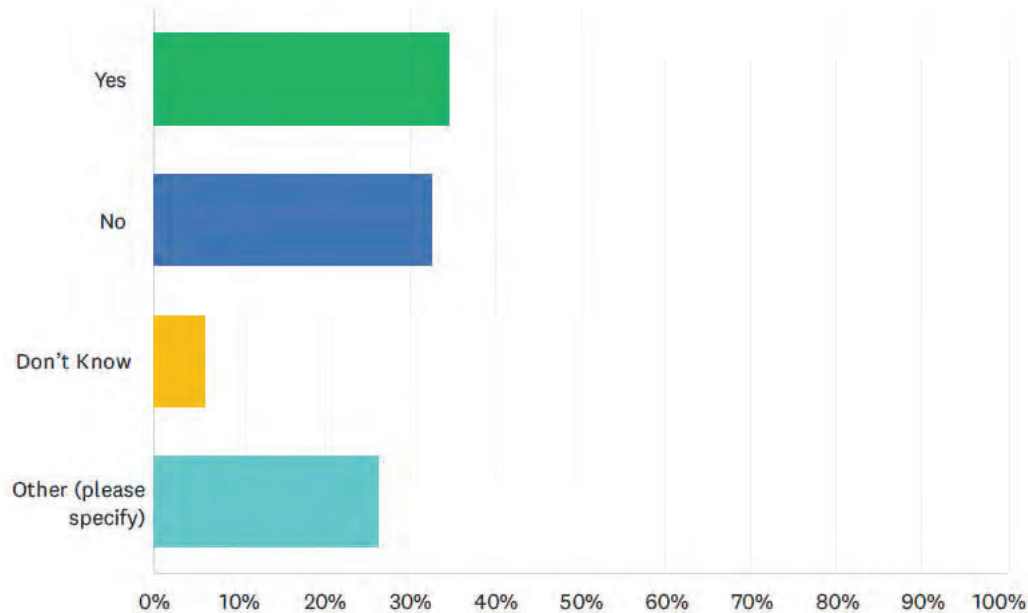
#	RESPONSES	DATE
1	Properties along Dunkard Creek and Roberts Run	12/2/2022 9:07 PM
2	All three of my main municipalities are developed along the Tygart Valley Rivers. These area's are mostly affected in the 1% type of events. All other areas are affected by Flash Flood events in the rural areas.	11/30/2022 11:01 AM
3	They are low lying river and creek areas.	11/30/2022 10:06 AM
4	We are a river county. Most communities are located on the river's edge. Streams and low areas of pooling. Most zones are designated AE and A.	11/28/2022 9:45 PM
5	Twelvepole creek watershed, tug river	11/28/2022 2:05 PM
6	Those described by WV Flood Maps for Clarksburg.	11/28/2022 1:27 PM
7	When have numerous areas in our county along our creeks, streams and rivers. They are all low	11/28/2022 12:45 PM
8	Ohio River banks, Middle Island Creek area	11/28/2022 11:28 AM
9	During my time with the city, Four Pole Creek has been the biggest issue.	11/28/2022 9:45 AM
10	Mostly Zone A, We have a flood control Dyke that keeps most of the flooding to just high water, on road surface and yards, the are around 15 houses in the Floodplain outside the Dyke that had damage in 1985 flood but were not totaled	11/28/2022 9:31 AM
11	Small streams and Tygart River	11/28/2022 9:27 AM
12	Stream Flooding	11/28/2022 9:22 AM
13	Four Pole Creek!	11/28/2022 9:05 AM
14	Most areas near the creeks and streams	11/28/2022 8:43 AM
15	most streams and rivers throughout Monongalia County have a portion/section of the body of water located in the FEMA designated 100 year floodplain.	11/28/2022 8:27 AM
16	Along creeks and streams.	11/28/2022 8:25 AM
17	near streams. and rivers mostly vacant land.	11/28/2022 8:20 AM
18	along route 60, Tanyard Branch in town which is not shown on the flood plain maps. Back water from the Guyandotte River	11/28/2022 8:20 AM
19	There are a couple of areas that occasionally flood in our city. They are backwater sections of the Kanawha River and have limited structures in the areas.	11/28/2022 8:09 AM
20	Flooding in our jurisdiction is mainly caused when the Ohio and smaller tributaries back up into known flood areas.	11/28/2022 8:08 AM
21	NONE REALLY	11/28/2022 8:06 AM
22	areas close to river	11/28/2022 7:42 AM
23	most of our back roads, hollows within the valleys are prone to flooding. Most of our county is within the flood hazards	11/22/2022 8:43 AM
24	A section of the bank on mill creek is, currently no structures, then runoff flooding seems to happen in the hollow	11/21/2022 3:25 PM
25	Areas along streams and rivers, street flooding in city due to runoff	11/17/2022 8:28 AM

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26	Low-lying areas near waterways. The largest section of floodplain is filled with mostly trailer parks that are thinning out or turning into RV parks.	11/15/2022 2:23 PM
27	Along the Ohio River	11/15/2022 9:34 AM
28	along the river and several city blocks back	11/14/2022 10:48 AM
29	We have 3 areas of concern- Lively St Area, House Branch, and Mars Branch	11/14/2022 9:45 AM
30	North Buckhannon; a portion of South Buckhannon, the "Triangle" area downtown off of Main Street	11/10/2022 2:19 PM
31	rt 4 (runs along elk river) low lined areas throughout the county due to poor ditch cleaning and stream debris	11/9/2022 2:31 PM
32	Mostly rural along Cheat River and Big Sandy, with some small streams where adequate building space is limited. Three municipalities that have a large amount of area in the SFHA	11/9/2022 11:50 AM
33	Areas along the Cacapon, Potomac, Warm Springs Run, and Sleepy Creek.	11/9/2022 9:37 AM
34	Waiteville Community Zone A, Potts Creek INC Town of Peterstown Zones A and AE, Rich Creek INC Town of Alderson, Zones A and AE, Greenbrier River	11/8/2022 9:22 AM
35	Mostly around the various creeks and streams, however due to a lack of road maintenance in particular ditch cleaning and clearing some roads outside of the floodplain will flood. Also due to the number of pipelines within the county we are seeing an increase in the amount of runoff during rain events.	11/8/2022 7:39 AM
36	Hickman Run, Coal Run, Buffalo Creek, Country Club Road, West Fork River, Tygart River, and Monongahela River.	11/7/2022 4:28 PM
37	Downtown housing district and Roxalana Rd area from 10th St to Roxalana Hills Apartments	11/7/2022 4:02 PM
38	West Madison, Lincoln Ave., Old River Road, Hospital Bottom	11/7/2022 2:51 PM
39	most of the areas in Mercer County that flood often are due to rapid rain runoff. Our creeks and streams do see some high water at times limited to the floodway area of those given streams.	11/7/2022 1:55 PM
40	Main area of concern: Liberty Avenue along West Fork River. Sandy Blvd along the Elk Creek.	11/7/2022 12:59 PM
41	the confluence of the north and south forks of the Cherry River create flood prone areas along both sides of the banks from just before that confluence to several miles downstream.	11/7/2022 11:43 AM
42	areas along the Ohio River, west of WWSR2.	11/7/2022 11:00 AM
43	flooding problems exist mainly outside the managed floodplain	11/7/2022 10:53 AM
44	Lower portion of town near South Branch river	11/7/2022 10:48 AM
45	along the West Fork River and its tributaries. Waterways run right through the center of town	11/7/2022 10:48 AM
46	All areas through town along the floodplain	11/7/2022 10:37 AM
47	Structures near creeks and streams.	11/7/2022 10:37 AM
48	Most of the City South of Interstate 64	11/7/2022 10:32 AM

Q18 Do you maintain a list of properties that have been damaged by flooding?

Answered: 49 Skipped: 14



ANSWER CHOICES	RESPONSES	
Yes	34.69%	17
No	32.65%	16
Don't Know	6.12%	3
Other (please specify)	26.53%	13
TOTAL		49

#	OTHER (PLEASE SPECIFY)	DATE
1	We have templates in place to document these occurrences, but it's something we just started.	11/30/2022 11:01 AM
2	Spoadic information.	11/29/2022 9:08 PM
3	I have yet to find this list that is supposed to exist.	11/28/2022 9:45 PM
4	yes, somewhat, but could be more comprehensive. Last major flood we have been keeping better records	11/28/2022 9:05 AM
5	we have in the past, but have not had any recently.	11/28/2022 8:20 AM
6	Have not had any	11/28/2022 8:20 AM
7	I'm new to this position and aware of responsibility. I don't know what all resources we use right now.	11/28/2022 8:09 AM
8	only if mandated	11/28/2022 8:08 AM
9	Only those properties looking to be repaired or destroyed.	11/15/2022 9:34 AM

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10	there are none now, but if/when a disaster happens again I will keep one.	11/7/2022 11:43 AM
11	no list, not aware of any flooding issues to property	11/7/2022 11:00 AM
12	Not sure but there will be from now on.	11/7/2022 10:48 AM
13	Yes but not updated	11/7/2022 10:37 AM

Q19 What potential impacts [REDACTED] are most concerning to you?

Answered: 42 Skipped: 21

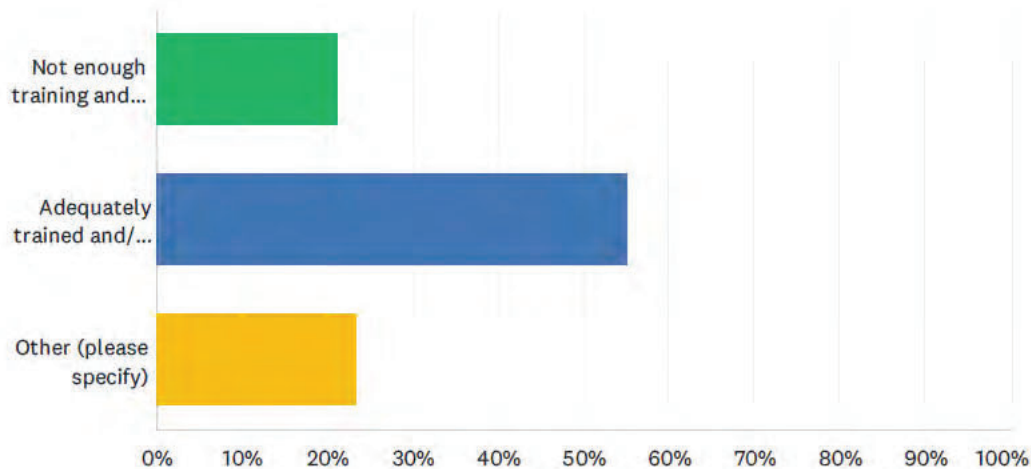
#	RESPONSES	DATE
1	Our main concern is the rapid increase in Flash Flood events in our county. We also are preparing for a 1% flood event in the future. We are gathering Response Resources for a tabletop Exercise and moving into a Full Exercise in an 12-18 month timeframe.	11/30/2022 11:01 AM
2	the potential for heavy and more frequent rains	11/30/2022 10:06 AM
3	None.	11/29/2022 9:08 PM
4	Rising levees affecting safety and growth in populated communities.	11/28/2022 9:45 PM
5	timbering mountainsides sudden landslides	11/28/2022 3:55 PM
6	none	11/28/2022 2:05 PM
7	Major infrastructure events.	11/28/2022 1:27 PM
8	Heavy rain events. Seems to rain a lot at one time instead of over several days.	11/28/2022 12:45 PM
9	N/A	11/28/2022 11:28 AM
10	Increase in flooding, excessive heat, drought, and increase in severe storms throughout a seasons	11/28/2022 9:45 AM
11	Economy	11/28/2022 9:31 AM
12	Flooding	11/28/2022 9:22 AM
13	More severe rain events, coming fast and high waters.	11/28/2022 9:05 AM
14	Warmer temps in the winter decreasing our snowfall and decreasing the amount of rain with an already high water table is always concerning.	11/28/2022 8:27 AM
15	The increasing severity of storms.	11/28/2022 8:25 AM
16	Political impacts and the laws they make in fear of possible eventual changes.	11/28/2022 8:20 AM
17	None	11/28/2022 8:20 AM
18	I'm not sure.	11/28/2022 8:09 AM
19	overall action from government officials	11/28/2022 8:08 AM
20	floodng from leve that goes thru town	11/28/2022 7:42 AM
21	[REDACTED]	11/22/2022 8:43 AM
22	N/A	11/15/2022 2:23 PM
23	Air & water qualities.	11/15/2022 9:34 AM
24	flash flood	11/14/2022 10:48 AM
25	Flash Floods	11/14/2022 9:45 AM
26	Rising ocean / water levels; increased frequency of flooding events; increased intensity of flooding events	11/10/2022 2:19 PM
27	Localized flash floods in small areas that are a result of large amounts of rain being dumped in an area in a short time. These occur on small streams that aren't mapped for flooding.	11/9/2022 11:50 AM

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28		11/8/2022 9:22 AM
29	Due to excessive amounts of rain we are seeing an increase in sediment building up in the creeks and streams. There needs to be a way to dredge them in order to maintain proper water retention on capabilities. Without doing so will increase the risk of more flooding in the future.	11/8/2022 7:39 AM
30	Increase in substantial rain events causing flash flooding.	11/7/2022 4:28 PM
31	Severe storms and flash flooding	11/7/2022 4:02 PM
32	High rainfall, and snowfall amounts.	11/7/2022 2:51 PM
33	More high intensity rainfall over short time periods.	11/7/2022 1:55 PM
34	Wetter seasons causing spring to proper times along with creeks.	11/7/2022 12:59 PM
35	more flooding and more landslides	11/7/2022 11:43 AM
36	none	11/7/2022 11:00 AM
37	none at present	11/7/2022 10:53 AM
38	I don't know	11/7/2022 10:48 AM
39		11/7/2022 10:48 AM
40	Heavy and more frequent storms	11/7/2022 10:37 AM
41	Increased flooding, Landslides and we even had a tornado this summer.	11/7/2022 10:37 AM
42	N/A	11/7/2022 10:32 AM

Q20 Do you feel that you are adequately trained/certified and locally supported to fulfill your role with respect to floodplain management?

Answered: 47 Skipped: 16



ANSWER CHOICES	RESPONSES	
Not enough training and/o support	21.28%	10
Adequately trained and/o supported	55.32%	26
Other (please specify)	23.40%	11
TOTAL		47

#	OTHER (PLEASE SPECIFY)	DATE
1	more local support is needed state wide/ funding is always a issue	11/28/2022 11:32 AM
2	Need to have more training, I haven't had any since Covid	11/28/2022 10:26 AM
3	Only check other because we have a lot of training opportunities, but it's very difficult and could always use more and more	11/28/2022 9:11 AM
4	Adequately supported but more training is needed	11/28/2022 8:47 AM
5	I am optimistic about working as a floodplain manager and look forward to training and networking with any and all agencies I can.	11/28/2022 8:14 AM
6	I have just started this role, will be getting more training as it comes available.	11/22/2022 8:46 AM
7	New to the job	11/21/2022 3:26 PM
8	training is sufficient for our town, but I watch as many online seminars as possible	11/15/2022 10:30 AM
9	More training is needed	11/8/2022 7:46 AM
10	I'm new to the job with only about 1.5 years on the job. I do have the 273 training but am always ready to learn more. I feel building codes and a permitting process within the county would help managing issues. but don't see the county passing that at this time.	11/7/2022 1:59 PM
11	have attended a few trainings, I can get by. If anything major would happen I would contact Bob Fowle, retired EMA director, for assistance. My training abilities are limited.	11/7/2022 11:09 AM

Q21 Please list training you would like to receive.

Answered: 32 Skipped: 31

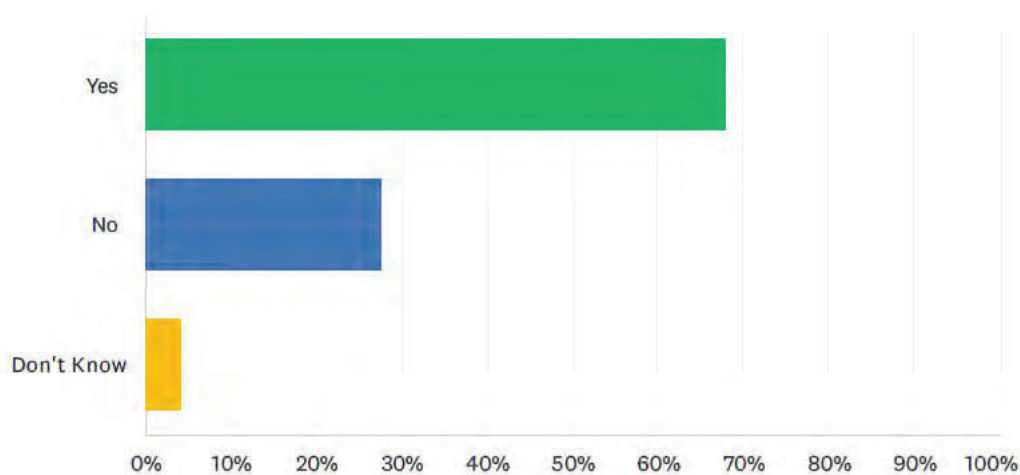
#	RESPONSES	DATE
1	I would like to have some hands on opportunity in the field or scenario based on how to process a new structure in the flood plain, the steps to get it from permitting to completion. I also want to know what outreach needs to done for those in the new LIDAR areas. It is very new to me and just need some more experience to feel confident in how the job is being done.	11/30/2022 11:14 AM
2	i would be acceptable to any training felt necessary.	11/30/2022 10:15 AM
3	Updates and refreshing information	11/29/2022 10:37 AM
4	I would like to repeat CFM. I would like to enroll other municipalities within my jurisdiction to lighten the load.	11/28/2022 10:11 PM
5	Annual CEU such as L273	11/28/2022 2:08 PM
6	Preparedness and coordination of actions between agencies for mitigation plans. Provide list of help agencies for	11/28/2022 1:49 PM
7	Training to help understand how to work with ACOE and the use of that information. We have a lot of Zone A in our county.	11/28/2022 12:53 PM
8	any training state wide is always good	11/28/2022 11:32 AM
9	Flood determination, Flood vents, Basicly what covered in the L270 Training	11/28/2022 10:26 AM
10	grant management, public outreach, department coordination	11/28/2022 9:51 AM
11	LOMA Application Training/ Mitigation Grants	11/28/2022 9:31 AM
12	Hazard Mitigation grants (walk you through the steps individually), CRS training, outreach and education, post flooding event training	11/28/2022 9:11 AM
13	more advanced floodplain management courses.	11/28/2022 9:01 AM
14	Advance floodplain classes	11/28/2022 8:47 AM
15	How to complete various forms	11/28/2022 8:25 AM
16	I'd like to have a refresher course before I take the certification test. I enjoyed the Moundsville training, but I recognize that there is so much more to know and learn,	11/28/2022 8:14 AM
17	to comply with state	11/28/2022 7:44 AM
18	All training	11/22/2022 8:46 AM
19	not sure what is out there	11/21/2022 3:26 PM
20	Although we are a small community it would be nice if the state had an on-line library that we could go and pick out a training class and view it at work.	11/15/2022 10:30 AM
21	CFM	11/14/2022 9:47 AM
22	Any flood plain training would be helpful, would like to see the Advanced classes offered in WV again	11/9/2022 11:55 AM
23	I have taken FEMA's E273 class and passed. Plan is to retake it again in first qtr 2023 and take the CFPM test. I am currently reading the FEMA 480 for review and study guide CFPM	11/8/2022 9:50 AM
24	N/A	11/8/2022 9:03 AM
25	As mentioned before advanced floodplain courses	11/8/2022 7:46 AM
26	Between the webinars and the state sponsored training, I think we receive adequate training.	11/7/2022 4:08 PM

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27	Advanced floodplain management, stormwater management	11/7/2022 3:07 PM
28	additional training on mitigation, understanding risk rating 2.0 and insurance for residents who call or contact my office, and daily best practices and guides	11/7/2022 11:48 AM
29	none at present	11/7/2022 10:57 AM
30	GIS,	11/7/2022 10:51 AM
31	CE hours	11/7/2022 10:49 AM
32	N/A	11/7/2022 10:36 AM

Q22 Are you familiar with your regional or county hazard mitigation plan?

Answered: 47 Skipped: 16



ANSWER CHOICES		RESPONSES	
Yes		68.09%	32
No		27.66%	13
Don't Know		4.26%	2
TOTAL			47

Q23 How were you involved in developing or updating your jurisdiction's most recent hazard mitigation plan? Please provide details on your involvement.

Answered: 42 Skipped: 21

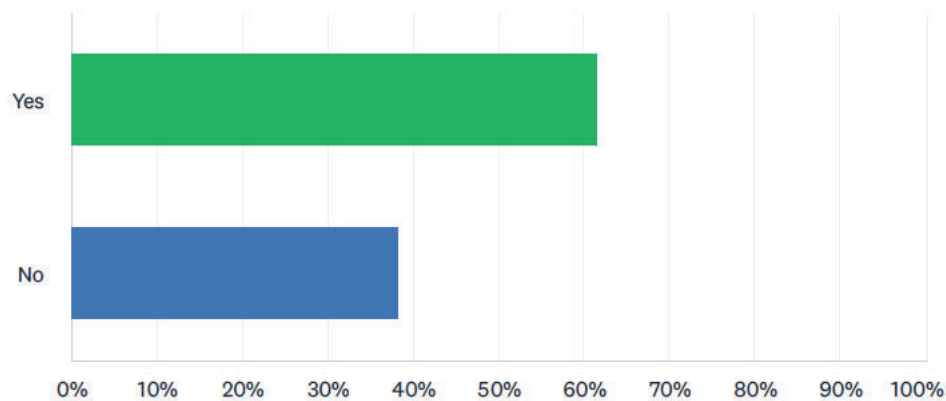
#	RESPONSES	DATE
1	I wa not involved	11/30/2022 11:14 AM
2	i attended a few meetings, but really wasn't sure how it worked. i will better armed next time around	11/30/2022 10:15 AM
3	General information	11/29/2022 10:37 AM
4	To include members of the LEPC, we write and update as required.	11/28/2022 10:11 PM
5	none	11/28/2022 3:56 PM
6	not involved	11/28/2022 2:08 PM
7	I was not involved with the current plan.	11/28/2022 1:49 PM
8	I have not been.	11/28/2022 12:53 PM
9	n/a	11/28/2022 11:32 AM
10	Was not involved	11/28/2022 10:26 AM
11	I have not been involved.	11/28/2022 9:51 AM
12	Interview Process	11/28/2022 9:31 AM
13	No	11/28/2022 9:11 AM
14	wasnt	11/28/2022 9:01 AM
15	Attended meetings and gave input for the county in the regional plan	11/28/2022 8:47 AM
16	I attended and participated in every planning meeting regarding the regional hazard mitigation plan. I even added and addendum to the plan showing Dam Inundation maps and reaction plans.	11/28/2022 8:35 AM
17	Was included in the EMS hazard mitigation plan meeting and is on going.	11/28/2022 8:25 AM
18	Member/ Secretary of LEPC	11/28/2022 8:23 AM
19	I was not. I am new to this position.	11/28/2022 8:14 AM
20	wasn't involved	11/28/2022 8:10 AM
21	none	11/28/2022 7:44 AM
22	I wasnt employed at the time	11/22/2022 8:46 AM
23	Agency rep on planning committee	11/17/2022 8:32 AM
24	I created our own emergency mitigation plan and have shared it with area churches, Red Cross, city council	11/15/2022 10:30 AM
25	meeting with the planning committee	11/14/2022 10:54 AM
26	Several Zoom calls	11/14/2022 9:47 AM
27	Review and updated the City's "portions" of the HMP.	11/10/2022 2:30 PM
28	No, was completed before I was hired	11/9/2022 2:34 PM

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29	I had no input in the plan	11/9/2022 11:55 AM
30	As a 35yr Fire Chief, I implied mitigation support to the team by Floodplain issues, heavy snow events, and wind/tree concerns. I see our county's biggest threat is natural disaster by storms. Our history has also proven this theory.	11/8/2022 9:50 AM
31	Provide comments and feedback to Region VI Planning and Development Council.	11/8/2022 9:03 AM
32	WV Region 6 Planning and Development Council works with the surrounding counties to develop our HMP. We attend meetings and give input into what our county needs to be put into the plan.	11/8/2022 7:46 AM
33	Not involved	11/7/2022 4:08 PM
34	I sat on the steering committee for the Region 3 plan. I chaired the committee for the City plan.	11/7/2022 3:07 PM
35	Teams meeting with Region 1 planning and development	11/7/2022 1:59 PM
36	No current involvement	11/7/2022 1:01 PM
37	somewhat. I feel that next time it will be better when it can be in person and not all on Zoom. I feel like we had less community involvement and input due to that this time around.	11/7/2022 11:48 AM
38	Beech Bottom has a council member appointed to oversee Hazard Mitigation with our local businesses. Each year they are contacted to update their info. We also provide information to the local mpc for their records. (Brooke Hancock Jefferson Meptropolitan Planning Commission)	11/7/2022 11:09 AM
39	not involved at all	11/7/2022 10:57 AM
40	I requested last week to be included in the regional planning commission meetings on floodplain mitigation planning and management and to be included in the county watershed meetings.	11/7/2022 10:51 AM
41	Attending meetings, sought council approval.	11/7/2022 10:49 AM
42	I took over after the mitigation plan.	11/7/2022 10:36 AM

Q24 Do you feel that relevant planning and regulatory mechanisms within your community are mutually supportive with respect to reducing flood losses (ex. building codes and enforcement, land use/comprehensive planning and regulation, zoning and subdivision ordinances, emergency management plans, capital improvement plans/budgets, etc.)?

Answered: 47 Skipped: 16



ANSWER CHOICES	RESPONSES	
Yes	61.70%	29
No	38.30%	18
TOTAL		47

#	PLEASE EXPLAIN WHY.	DATE
1	We are in our infancy of the Floodplain Management, but our goal is to get the goals lined up with all facets in our county.	11/30/2022 11:14 AM
2	be every ordinance is straight forward, and more cooperation is needed from outside parties for proper enforcement	11/30/2022 10:15 AM
3	Not enough staff or funding to fully implement and manage all that is required.	11/29/2022 10:37 AM
4	Planning is sufficient, regulatory mechanisms are effective. Not proactive or preventative. There is no zoning. Code Enforcement is rudimentary (sum and blight basins)	11/28/2022 10:11 PM
5	Every agency needs to understand the roles / responsibilities	11/28/2022 1:49 PM
6	So far it seems to be adequate.	11/28/2022 12:53 PM
7	I do not believe that all departments are communicating with each other in a way that assists one another or the city as a whole	11/28/2022 9:51 AM
8	We Have Code Enforcement/Zoning/Subdivision Guidelines	11/28/2022 9:31 AM
9	Yes and no, I think we do okay, but could always do better interdepartmental/jurisdictional coordination.	11/28/2022 9:11 AM
10	Monongalia County does not have building codes/ordinance or a building permit process outside of the local municipal codes and permit processes. So the other had to keep track of the development that takes place, and find development is taking place within the FEMA	11/28/2022 9:01 AM

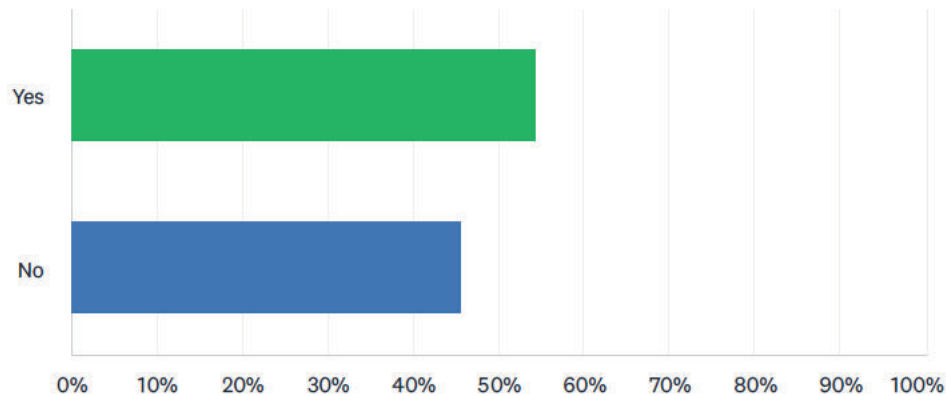
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designated 100 year floodplain boundary without having someone in the field everyday monitoring.

11	Building code adoption is lacking	11/28/2022 8:47 AM
12	We do not have a building code department or zoning in the county. The emergency management plans do have my input and are relevant.	11/28/2022 8:35 AM
13	we do not have zoning or subdivision ordinances or capital improvement plan	11/28/2022 8:25 AM
14	I believe that we do our best to cover the needed basics, however we can always improve.	11/28/2022 8:14 AM
15	it helps with future disasters	11/22/2022 8:46 AM
16	we have a small area of concern, and are watchful of it	11/21/2022 3:26 PM
17	I think its hard for small community leaders who knows everyone to make that person follow the code	11/15/2022 10:30 AM
18	the take time to listen	11/14/2022 10:54 AM
19	funding and man power	11/9/2022 2:34 PM
20	My county only has FP ordinance with permitting requirements. Without building codes, I see this as a hardship with compliance to FPM. No restrictions to come into the county with cash and go to work. If you are located off the road, back in these mountains, you could have a small city built and no one knows it.	11/8/2022 9:50 AM
21	The county needs to adopt building codes and zoning ordinances to limit development in certain areas of the county	11/8/2022 7:46 AM
22	All building regulations play off each other and since my office does it all it is easy to track.	11/7/2022 4:08 PM
23	Council is not that supportive	11/7/2022 3:07 PM
24	There is no zoning or emergency management plants or land use plans to help mitigate or reduce flood losses	11/7/2022 11:48 AM
25	Beech Bottom has a very active Building Enforcement Agency	11/7/2022 11:09 AM
26	better planning and enforcement reduces risk of loss	11/7/2022 10:51 AM
27	Because we go by the ordinance that was approved by FEMA	11/7/2022 10:36 AM

Q25 Are you provided adequate notification of available mitigation grant opportunities, as well as guidance and support with grant application development?

Answered: 46 Skipped: 17



ANSWER CHOICES	RESPONSES
Yes	54.35% 25
No	45.65% 21
TOTAL	46

#	DESCRIBE SUPPORT RECEIVED OR SUPPORT NEEDED	DATE
1	another person in our office is in charge of this. would welcome any info sent my way	11/30/2022 10:15 AM
2	New coordinator said last call better, better motivated	11/28/2022 10:11 PM
3	Most of that type of information is transferred to the county administrator. I do not see it.	11/28/2022 12:53 PM
4	State coordinators have been very supportive. Would like to have grant deadline sheets for the year.	11/28/2022 9:51 AM
5	Grant Application Training	11/28/2022 9:31 AM
6	Can we have individualized meetings to discuss what grant opportunities are best for the community issues we are seeing, walk through the application	11/28/2022 9:11 AM
7	How to properly do a cost benefit analysis	11/28/2022 8:47 AM
8	notification of available grants	11/28/2022 8:25 AM
9	New to this position so I'm not sure.	11/28/2022 8:14 AM
10	Tim Keaton communicates very professionally and keeps us up to date!	11/22/2022 8:46 AM
11	somewhat, just by knowledge of previous grants	11/9/2022 2:34 PM
12	I know little to nothing about the Grants	11/9/2022 11:55 AM
13	Only support I have received from 2019 is my State FPM Director, he's good to notify me that a grant is available. The issues having the time to write a grant or finding someone to help with it.	11/8/2022 9:50 AM
14	When we do get most of the available grant opportunities, support at the state level could be	11/8/2022 7:46 AM

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	better	
15	Need more lead time and the grant paperwork is too time consuming and repetitive.	11/7/2022 4:08 PM
16	The State has been helpful in instruction and guidance	11/7/2022 3:07 PM
17	Even if I get the alert I am clueless where to begin and have so many other hats it seems impossible to try to figure out	11/7/2022 11:48 AM
18	emails	11/7/2022 11:09 AM
19	just learning about mitigation fund opportunities, wasn't involved in any mitigation planning	11/7/2022 10:57 AM

Q26 Which policies, programs, initiatives, or projects, identified within your hazard mitigation plan or other planning mechanisms have been the most effective at reducing losses?

Answered: 32 Skipped: 31

#	RESPONSES	DATE
1	Floodplain Development Ordinance has increased awareness and we have managed to have one resident benefit from it as they had a flash flood event that would have affected them had they not built up to code and another that has changed where they will be developing to stay clear of the floodplain.	11/30/2022 11:14 AM
2	elevating structures and equipment, and when possible, building out of the Floodzones. also buyouts of properties	11/30/2022 10:15 AM
3	Floodplain Ordinance allows us to enforce more strict.	11/29/2022 10:37 AM
4	Active engagement and responses with the public.	11/28/2022 10:11 PM
5	Mitigation of floodprone properties	11/28/2022 2:08 PM
6	Plan review and field inspections reduce losses. Chain of command and preparedness between agencies are critical to be ready during and after flood disasters.	11/28/2022 1:49 PM
7	I have not dealt with it.	11/28/2022 12:53 PM
8	n/a	11/28/2022 11:32 AM
9	I know of no plan	11/28/2022 10:26 AM
10	I have not been an FA long enough to address this question	11/28/2022 9:51 AM
11	Code Enforcement/Mitigation Buyouts	11/28/2022 9:31 AM
12	Permitting	11/28/2022 9:28 AM
13	Not aware	11/28/2022 9:11 AM
14	None	11/28/2022 8:47 AM
15	Reducing construction within the SFHA.	11/28/2022 8:35 AM
16	Floodplain ordinance and education outreach.	11/28/2022 8:23 AM
17	Unknown	11/28/2022 8:14 AM
18	no losses to my knowledge	11/28/2022 7:44 AM
19	Waterway cleaning	11/17/2022 8:32 AM
20	Although we have not had any issues for several years our programs in place along with the assistance of the Red Cross I feel we are ready in case we have an issue	11/15/2022 10:30 AM
21	Adhering to the requirements of the floodplain, especially the FFE in regard to the BFE.	11/10/2022 2:30 PM
22	Drainage project in Alderson area. Highest loss area during flooding events. Just completed a \$400k project for mountain run off while protecting infrastructure (Electrical sub station) and residential homes. From 1985 this area has flooded twice with large losses.	11/8/2022 9:50 AM
23	Plan review and stormwater management recommendations / requirements.	11/8/2022 9:03 AM
24	None at this time	11/8/2022 7:46 AM
25	Required elevation certificates before permits are issued.	11/7/2022 4:08 PM
26	Early warning New Storm water repairs and new pipes in some areas	11/7/2022 3:07 PM

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27	haven't really utilized any aspects of the hazard mitigation plan since I've been on board.	11/7/2022 11:48 AM
28	We received a FEMA grant in 2021 to replace an aging storm sewer which has caused many sinkholes, etc. To date no construction has begun. The bids came in 600,000 over grant monies, The federal fema has approved their additional 75% but the state fema continues to deny their additional 25% (150,000) of this overage. If this situation continues until the end of November, we will have to go out to bid again, which will more than likely c9me back even more costly. Something needs to be done soon so we can replace this storm sewer before more damage is done !!	11/7/2022 11:09 AM
29	floodplain ordinance	11/7/2022 10:57 AM
30	zoning and building codes	11/7/2022 10:51 AM
31	I don't know	11/7/2022 10:49 AM
32	2 feet of freeboard	11/7/2022 10:36 AM

Q27 Are any RiskMAP projects currently underway in your jurisdiction? If so, provide a brief description of the projects.

Answered: 35 Skipped: 28

#	RESPONSES	DATE
1	We have one that just started the permitting process. It is a single wide trailer that is in the floodplain and will be in an area that is predicted to have up to 6 ft of water in a 1% flood event. We are going over options they have to develop this property.	11/30/2022 11:14 AM
2	Not that I am aware of.	11/29/2022 10:37 AM
3	Unknown	11/28/2022 10:11 PM
4	n/a	11/28/2022 3:56 PM
5	dont know	11/28/2022 2:08 PM
6	Not to my knowledge.	11/28/2022 1:49 PM
7	No	11/28/2022 12:53 PM
8	n/a	11/28/2022 11:32 AM
9	NO	11/28/2022 10:26 AM
10	I do not know	11/28/2022 9:51 AM
11	No	11/28/2022 9:28 AM
12	Not aware	11/28/2022 9:11 AM
13	None	11/28/2022 8:47 AM
14	Only the standard updates to plans.	11/28/2022 8:23 AM
15	Unknown. i do know that there are a couple of areas that are being built up to go above the floodplain.	11/28/2022 8:14 AM
16	no	11/28/2022 7:44 AM
17	No	11/17/2022 8:32 AM
18	none at this time.	11/15/2022 10:30 AM
19	water plant out of the floodplain	11/14/2022 10:54 AM
20	Not that I am aware	11/14/2022 9:47 AM
21	N/A	11/10/2022 2:30 PM
22	no	11/9/2022 2:34 PM
23	Not to my knowledge. We did just receive our renewed FIRM and FIS report from FEMA.	11/8/2022 9:50 AM
24	No.	11/8/2022 9:03 AM
25	No	11/8/2022 7:46 AM
26	No	11/7/2022 4:08 PM
27	Not that I am aware of	11/7/2022 3:07 PM
28	No	11/7/2022 1:59 PM
29	N/A	11/7/2022 1:01 PM
30	not to my knowledge	11/7/2022 11:48 AM

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31	?	11/7/2022 11:09 AM
32	n/a	11/7/2022 10:57 AM
33	not that i am aware of	11/7/2022 10:51 AM
34	No	11/7/2022 10:49 AM
35	n/a	11/7/2022 10:36 AM

Q28 How many properties have been mitigated in your jurisdiction (elevation or acquisition)? If there are mitigation properties, how were they funded?

Answered: 36 Skipped: 27

#	RESPONSES	DATE
1	We had one that had to elevate that was located near the river. This was at the owner's expense during initial build.	11/30/2022 11:14 AM
2	with the exception of buyouts, they are funded privately. as far as the number i do not know	11/30/2022 10:15 AM
3	Approximately 8-10 properties in our city.	11/29/2022 10:37 AM
4	Unknown	11/28/2022 10:11 PM
5	unknown	11/28/2022 2:08 PM
6	None since I was employed in Clarksburg.	11/28/2022 1:49 PM
7	None during my time at this position.	11/28/2022 12:53 PM
8	n/a	11/28/2022 11:32 AM
9	Im not sure they were done in 1985 or 1986	11/28/2022 10:26 AM
10	I do not know of any	11/28/2022 9:51 AM
11	Approx. 30/ Funded through Grants 75% Federal 25% State	11/28/2022 9:31 AM
12	None	11/28/2022 9:28 AM
13	Not aware, have been some in the past before my time.	11/28/2022 9:11 AM
14	None, working on two projects at the moment	11/28/2022 8:47 AM
15	one funded by the developer	11/28/2022 8:25 AM
16	do not remember off of the top of my head and don't have time to look it up.	11/28/2022 8:23 AM
17	Unkown.	11/28/2022 8:14 AM
18	none	11/28/2022 7:44 AM
19	None in recent history	11/17/2022 8:32 AM
20	none to my knowledge	11/15/2022 10:30 AM
21	10 new homes one eleation	11/14/2022 10:54 AM
22	None	11/14/2022 9:47 AM
23	47 Elevation Project 1229 HMGP Project 1115 HMGP Project 1229 FMA Project 00 FMA Project 1 FMA Project 2 Repetative Loss Project	11/10/2022 2:30 PM
24	none that Iam aware of	11/9/2022 2:34 PM
25	One acquisition through the state program	11/9/2022 11:55 AM
26	4 to my knowledge, from flood relief funding 2016.	11/8/2022 9:50 AM
27	1. The Utilities Department paid for the acquisition and removal of the buildings.	11/8/2022 9:03 AM
28	Working on a couple of projects. Still waiting on input from a project we submitted a few months ago	11/8/2022 7:46 AM
29	Working on a "buyout" right now.	11/7/2022 4:08 PM

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30	4 through acquisition and one elevation	11/7/2022 3:07 PM
31	N/A	11/7/2022 1:01 PM
32	There are some but I don't have a compiled list of all green spaces or otherwise mitigated properties.	11/7/2022 11:48 AM
33	0	11/7/2022 11:09 AM
34	none	11/7/2022 10:57 AM
35	None	11/7/2022 10:49 AM
36	half dozen, fema buy out property that the city has control over.	11/7/2022 10:36 AM

Q29 Please provide any other relevant feedback concerning hazard mitigation planning in your community.

Answered: 17 Skipped: 46

#	RESPONSES	DATE
1	Education: from city government to the stakeholders within and beyond our limits.	11/29/2022 10:37 AM
2	NFIP program is sound. Funding to support local programs can present an issue in rural areas. Until it becomes better financially supported, it will remain a secondary job in these areas.	11/28/2022 10:11 PM
3	Coordination between agencies and preparedness.	11/28/2022 1:49 PM
4	n/a	11/28/2022 11:32 AM
5	I do not think there is adequate communication or collaboration between departments with regard to floodplain management in the city	11/28/2022 9:51 AM
6	Continued Development of the WV Flood tool? Improved Flood Studies	11/28/2022 9:31 AM
7	Thank you for your work on this. Floodplain management is very hard.	11/28/2022 9:11 AM
8	New to this position. I hope to be able to answer with more detail and information as we learn and grow.	11/28/2022 8:14 AM
9	We have a command center, places to go with volunteers & necessities in place. Preparedness plans for a train disaster or flooding, evacuation routes, 911 alert system, etc.,	11/15/2022 10:30 AM
10	N/A	11/10/2022 2:30 PM
11	Monroe County WV just received letter from FEMA granting approval of our HMP update effective 8/10/22 with expiration date 8/9/2027. Plan adoption date is 9/13/2022. Undergoing Comprehensive Assessment Plan currently.	11/8/2022 9:50 AM
12	N/A	11/8/2022 9:03 AM
13	We have been selected by USACE for a floodplain study starting in January of 2023	11/7/2022 3:07 PM
14	I think we will be ok moving forward if I can ever get to creating some documents, forms, and files on repetitive loss and other mitigation information.	11/7/2022 11:48 AM
15	none	11/7/2022 10:57 AM
16	N/A	11/7/2022 10:49 AM
17	n/a	11/7/2022 10:36 AM

Q30 Does your jurisdiction provide assistance to any socially vulnerable populations?

Answered: 42 Skipped: 21

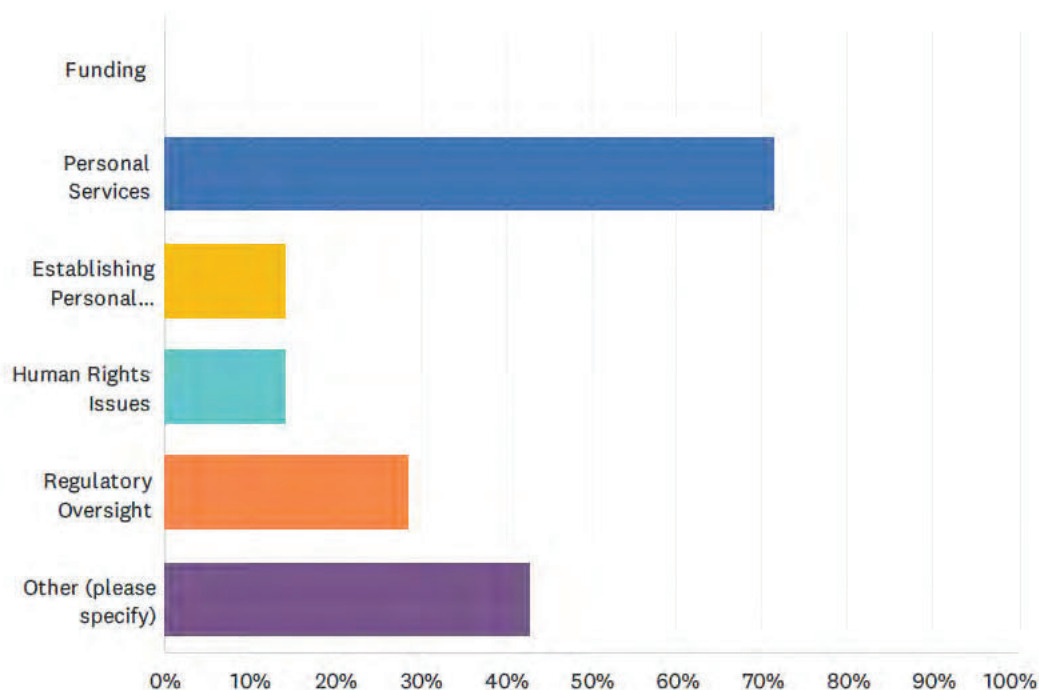
#	RESPONSES	DATE
1	No	12/2/2022 9:08 PM
2	Not to my knowledge	11/30/2022 11:17 AM
3	No	11/29/2022 10:38 AM
4	Yes	11/28/2022 10:19 PM
5	no	11/28/2022 3:57 PM
6	dont know	11/28/2022 2:08 PM
7	Not sure.	11/28/2022 2:00 PM
8	Not that I know of.	11/28/2022 12:54 PM
9	no	11/28/2022 11:33 AM
10	NO	11/28/2022 10:27 AM
11	I do not know	11/28/2022 9:53 AM
12	No	11/28/2022 9:28 AM
13	we have helped the day care and provided temporary shelters in the past. Maybe there are examples that are provided more out of our emergency services programs	11/28/2022 9:15 AM
14	Dont know	11/28/2022 9:02 AM
15	have not done so but will if needed	11/28/2022 8:47 AM
16	No	11/28/2022 8:36 AM
17	We assist everyone on a fairly and equally.	11/28/2022 8:26 AM
18	no	11/28/2022 8:26 AM
19	I don't believe so.	11/28/2022 8:17 AM
20	no	11/28/2022 8:10 AM
21	n/a	11/28/2022 7:44 AM
22	no	11/22/2022 8:47 AM
23	No	11/17/2022 8:33 AM
24	I don't thing we have anything concrete, but our community of volunteers would help anyone in need.	11/15/2022 10:33 AM
25	yes	11/14/2022 11:00 AM
26	No	11/14/2022 9:47 AM
27	I don't know	11/10/2022 2:31 PM
28	no	11/9/2022 2:34 PM
29	Not that I am aware of	11/9/2022 11:55 AM
30	No	11/8/2022 9:52 AM

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31	None.	11/8/2022 9:04 AM
32	None at this time but will do so if requested	11/8/2022 7:47 AM
33	Yes	11/7/2022 4:09 PM
34	Not Sure	11/7/2022 3:31 PM
35	No. Not that I'm aware of.	11/7/2022 2:01 PM
36	Unknown	11/7/2022 1:02 PM
37	almost our entire jurisdiction is socially vulnerable.	11/7/2022 11:49 AM
38	no	11/7/2022 11:10 AM
39	no	11/7/2022 10:58 AM
40	yes	11/7/2022 10:53 AM
41	No	11/7/2022 10:49 AM
42	n/a	11/7/2022 10:36 AM

Q31 If yes, what types of services to you provide?

Answered: 7 Skipped: 56



ANSWER CHOICES	RESPONSES
Funding	0.00% 0
Personal Services	71.43% 5
Establishing Personal Services	14.29% 1
Human Rights Issues	14.29% 1
Regulatory Oversight	28.57% 2
Other (please specify)	42.86% 3
Total Respondents: 7	

#	OTHER (PLEASE SPECIFY)	DATE
1	Not sure.	11/28/2022 2:00 PM
2	Im sure things exist but not necessarily in our offices, Im sure we could always do more.	11/28/2022 9:15 AM
3	advice and direction	11/7/2022 10:53 AM

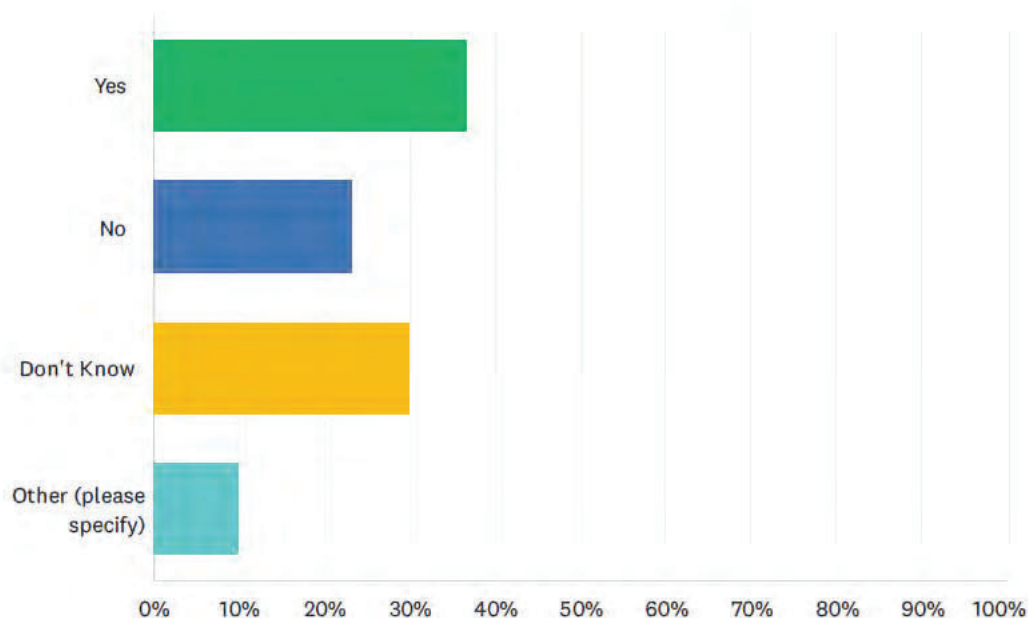
Q32 Please provide a list of the socially vulnerable populations served by your agency.

Answered: 17 Skipped: 46

#	RESPONSES	DATE
1	None	12/2/2022 9:08 PM
2	Elderly and rental property occupants	11/29/2022 10:38 AM
3	Vast majority of Mason County as depicted by CDC.	11/28/2022 10:19 PM
4	Not sure we are as targeted as we need to be.	11/28/2022 9:15 AM
5	none	11/28/2022 8:26 AM
6	Unknown	11/28/2022 8:17 AM
7	n/a	11/28/2022 7:44 AM
8	We have none at this time	11/15/2022 10:33 AM
9	everybody effected	11/14/2022 11:00 AM
10	I don't know	11/10/2022 2:31 PM
11	None.	11/8/2022 9:04 AM
12	Elderly	11/7/2022 4:09 PM
13	N/A	11/7/2022 1:02 PM
14	we are a municipality so serve these populations but not in a truly regulatory manner	11/7/2022 11:49 AM
15	none	11/7/2022 10:58 AM
16	None	11/7/2022 10:49 AM
17	n/a	11/7/2022 10:36 AM

Q33 Do you provide these services during times of disasters?

Answered: 30 Skipped: 33



ANSWER CHOICES	RESPONSES
Yes	36.67% 11
No	23.33% 7
Don't Know	30.00% 9
Other (please specify)	10.00% 3
TOTAL	30

#	OTHER (PLEASE SPECIFY)	DATE
1	We've been fortunate not to have any major flooding so far in our county.	11/28/2022 8:17 AM
2	n/a	11/28/2022 7:44 AM
3	n/a	11/7/2022 10:58 AM

Q34 Additional comments

Answered: 3 Skipped: 60

#	RESPONSES	DATE
1	In terms of floodplain, the most vulnerable population I imagine would be an elderly person who cannot get out of their house or if a flooding event damages their house have no other option of place to live. could do better directed services to this population, but not sure we have good data/resources to match.	11/28/2022 9:15 AM
2	This position and responsibilities are new to me. I hope to have better answers as we go along.	11/28/2022 8:17 AM
3	None.	11/8/2022 9:04 AM

Q35 Damages from disasters can result in disproportionate impacts within the community by exacerbating existing disparities. What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? This may include but is not limited to access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.

Answered: 34 Skipped: 29

#	RESPONSES	DATE
1	We have very remote pockets of population that are without internet services. They also can be isolated quickly in flashflood events or strong storm fronts that cause trees down. Some of these areas are common knowledge and have been working towards getting better infrastructure to them. A lot of this could be solved with funding, but not sure where the funds would come from.	12/1/2022 3:30 PM
2	Older community with older structures that are non-complaint.	11/29/2022 10:39 AM
3	All listed vulnerabilities apply to my jurisdiction.	11/28/2022 10:20 PM
4	Stream Bank Restoration	11/28/2022 3:58 PM
5	Income limitations for certain families and elderly fixed incomes.	11/28/2022 2:04 PM
6	our area could use assistance in acquiring more public utilities. Other than that I do not know. I am the county planner/floodplain coordinator and do not deal with those dynamics. The county Administrator and OEM Director would be better able to answer those questions.	11/28/2022 12:58 PM
7	All of the items listed are great examples. Of particular concern to me is the inadequate/lack of transportation options in the state.	11/28/2022 10:25 AM
8	Financial hardship results in flood prone areas being occupied.	11/28/2022 9:34 AM
9	Not a problem in our Jurisdiction.	11/28/2022 9:28 AM
10	economic disadvantages to be able to rebuild or live somewhere else while house has been damaged, elderly populations not having other options, people living in homes that may have mold growth from water damage that wasn't fully mitigated after a flooding event, all of the above!	11/28/2022 9:20 AM
11	We are a rural community, I feel that funding for these communities is lacking as most funding will go to larger populations.	11/28/2022 8:50 AM
12	We try to keep a current list of individuals with limited physical mobility who do not have people to assist them in an emergency so that we can send the first responders to them first and get them to safety. We are working with broadband companies to improve access and show them where in the county that this needs to happen.	11/28/2022 8:44 AM
13	We had minimal flood damage in our park but our county did not qualify for funding	11/28/2022 8:29 AM
14	south Charleston has a diverse population. All people are treated impartially and fairly. our city has the best city services in the area, I would argue in the state. We take care of each neighborhood within our community with the same compassion and care.	11/28/2022 8:19 AM
15	rural areas are hard to reach during floods hard to communicate with poor broadband in county.	11/28/2022 7:46 AM
16	McDowell county is rural, so almost every access for transportation could be an issue. Also, many parts of the county doesn't have cell service and or internet.	11/22/2022 8:49 AM

West Virginia State HMP - Stakeholder Surveys | Local Floodplain Administrators

17	Access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.	1V17/2022 8:33 AM
18	Mining, clearing of our forest, polluting our waters, dumps that catch on fire, Fed-x & UPS carrying materials or liquids that could create a danger to our community. Chemical trucks carrying hazardous materials going way over speed limit, train tracks in need of repairs, etc.	1V15/2022 10:42 AM
19	economic,older	1V14/2022 11:02 AM
20	Physical Health and mobility, meeting the FEMA threshold for assistance	1V14/2022 9:48 AM
21	Broadbank access; Economic disadvantages; Age of the Community	1V10/2022 2:32 PM
22	within clay county all the above exist	1V9/2022 2:35 PM
23	In my experience, two of the biggest disproportionate impacts is cell phone service and no broadband. Landline service is extremely limited in the county with cell coverage leading advantage for contacting 911. 30-40% of the county is not covered with cell service and 50-60% with no broadband service. As the 911 Director and requirement for mass communication needs this has been a struggle in the past. The additional handicap to this is 65% of our population is elderly and most of them are "off grid" for cell and broadband. This increases the concern for the elderly during times of emergencies.	1V8/2022 10:20 AM
24	It is often that older housing or older communities are located in the lower portions of a region where there are waterways that flood. Newer housing for the upper-middle class and higher seems to be developed on hillsides or hilltops away from these flood prone areas. This then makes most flooding impact the lower and lower-middle class households more significantly. This impacts not only housing but employment and transportation necessary to support a high poverty state like WV. Older towns are usually more walkable and better accomodate multiple modes of transportation. As housing and commercial spaces are removed or relocated due to flooding, this places additional financial burden and reduced opportunities on those who need it most. What WV needs to try to prioritize to the best of its ability are flood resilient communities, not simply the removal of existing ones and relocating everything somewhere else. When looking at this from a rural lens, it is a large fiscal concern for the state. our massive roadWay infrastructure (one of the highest lane miles per capita in the country) is under funded and under maintained. Many of our rural routes are also within these flood prone areas and are regularly damaged by annual flood events. This continues to harm those in our rural areas significantly (urban areas adjacent to the expressways and interstates are not as impacted by this context) while also placing the state farther behind to continue to support adequate infrastructure for those communities.	1V8/2022 9 12 AM
25	Economic disparities, older persons and lower income people are more likely to live in flood prone areas.	1V7/2022 4:12 PM
26	our population is older with a lot of different health issues.	1V7/2022 3:31 PM
27	The health of our aging population.	1V7/2022 2:03 PM
28	Rural communities, physical health, transportation.	1V7/2022 1:03 PM
29	All of the above. Transportation, broadband, economic disparity, poor physical health, limited physical mobility, and age truly affect our rural community. Having State and Federal leaders that are supportive and recognize we live within a region that fosters and still maintains a lot of these limitations that create vulnerabilities is vital.	1V7/2022 11:51 AM
30	We have no public transportation, an elderly community, and many low income residents. We have 3 internet providers with no broadband availability.	1V7/2022 11:14 AM
31	I think statewide that funding comes way too slow to really make a difference whether it be for recovery or mitigation	1V7/2022 11:00 AM
32	we tend to have an older population and they are typically below the state and national average in income and education.	1V7/2022 10:54 AM
33	Broadband access, economic disadvantages	1V7/2022 10:50 AM
34	Rural communities and age.	1V7/2022 10:41 AM

Q36 Do you have any questions or comments for West Virginia EMD?

Answered: 18 Skipped: 45

#	RESPONSES	DATE
1	no	11/28/2022 2:08 PM
2	Not at this time.	11/28/2022 2:04 PM
3	No	11/28/2022 12:59 PM
4	nope	11/28/2022 10:25 AM
5	No, thank you. again, this is really hard work and more and more resources/support is always appreciated.	11/28/2022 9:21 AM
6	None	11/28/2022 8:50 AM
7	Sorry that I didn't get to this earlier, it has been busy this month.	11/28/2022 8:49 AM
8	No	11/28/2022 8:29 AM
9	Thanks for the training and information. I look forward to working to improve our city's response to possible floodplain issues. Please keep me up to date and informed of future trainings and guidelines. Thank you.	11/28/2022 8:21 AM
10	no	11/28/2022 8:11 AM
11	NONE	11/28/2022 8:08 AM
12	No	11/17/2022 8:33 AM
13	Keep doing what you're doing to the best of your ability	11/15/2022 10:42 AM
14	no	11/14/2022 11:02 AM
15	Not at this time.	11/8/2022 10:20 AM
16	No.	11/8/2022 9:12 AM
17	No	11/7/2022 10:50 AM
18	n/a	11/7/2022 10:41 AM

From: [Reed, Gabriel A](#)
To: [rperry@lccwv.us](#); [jenny.gannaway@wvvoad.org](#); [tony.edwards@noaa.gov](#); [randyc@irh.usace.army.mil](#); [richard.g.drum@irh01.usace.army.mil](#); [paula.repka@teamrubiconusa.org](#); [Gina L Namay](#); [info@wvvoad.org](#); [David K Hoge](#); [frontdesk@unitedwaycwwv.org](#); [bhagy@ccwva.org](#); [Andrea.L.Carson@usace.army.mil](#); [Casey](#); [Elizabeth](#); [James](#); [Nuvia E](#); [WVHMGP@wv.gov](#); [jennygannaway@wvvoad.org](#); [Erin.K.Hunter@wv.gov](#); [Ellen.J.Potter@wv.gov](#); [Jeremy S](#); [Kurt Donaldson](#); [david.marsalek@noaa.gov](#); [Charles C Grishaber](#); [Sherry L](#); [Kelli R](#); [bfarkas@wvca.us](#); [Julie.A.Alston@hud.gov](#); [pamela.yost@usda.gov](#); [James E](#); [Michelle D](#); [Rawleigh.W.Greenhalgh@hud.gov](#); [Kevin](#); [Travis.W.Knighton@wv.gov](#); [glenn.jeffries@wvsenate.gov](#); [Matthew J](#); [Lonnie R](#); [Elyse](#); [Kc.T.Hoard@usace.army.mil](#); [Jim E](#); [STACEY.M.UNDERWOOD@usace.army.mil](#); [Amanda M](#); [Karl.Kerr@usace.army.mil](#); [Eric.R.Merriam@usace.army.mil](#); [Alexandria R](#); [Justin M](#); [begley@marshall.edu](#); [Lacy.Ward@usace.army.mil](#); [Annette L](#); [nicholas.webb@noaa.gov](#); [Tim Daubert](#); [Holly A](#); [Robert T](#); [Tomi M](#); [Tim](#); [Maneesh Sharma](#); [Timothy.W.Keaton@wv.gov](#); [Edgar](#); [Lisa S](#); [Matthew](#); [Mary LRP](#); [WV](#); [Bryan](#); [Austin](#); [Eric Hopkins](#); [ge.mccabe@wv.gov](#); [Leslie Hopkinson](#); [Brett W McMillion](#); [Wendy L Greene](#); [Brian R Bolyard](#); [DNR Law Enforcement](#); [Bradley R Reed](#); [DNR Wildlife](#); [Barrow A Koslosky](#); [Julia A Morton](#); [Mark C Collins](#); [ericacilwv@yahoo.com](#); [codyacil@yahoo.com](#); [janetacil@yahoo.com](#); [meredithacil@yahoo.com](#)
Cc: [Subbio, Tony](#)
Date: Thursday, November 10, 2022 10:21:27 AM

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Hello! As you know, the State of West Virginia is updating its Hazard Mitigation Plan (HMP). The HMP will analyze the hazards faced by the State, its regions and counties, residents, businesses, and other organizations, and will identify a statewide strategy for minimizing the vulnerability to these hazards. You may have received an invitation to the State Planning Team Kickoff Meeting that was held on September 13, 2022 and/or to our upcoming State Planning Team Capabilities Assessment Meeting being held on November 9, 2022. I would like to invite you to provide additional input into our planning process, so that the State HMP can address issues that impact the State and our communities. We have developed a short survey to gather this information. We would greatly appreciate it if you would complete the survey and otherwise participate in this important endeavor. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_Others.

We would appreciate it if you would complete the survey by November 23, 2022.

Please reach out if you have any questions. Thank you very much!

Have a great day!

--



Gabriel A. Reed, MBA, BSBA

Homeland Security Grant Manager
"State Hazard Mitigation Officer"

WV Emergency Management Division

2403 Fairlawn Ave.

Dunbar, WV 25064

gabriel.a.reed@[wv.gov](mailto:gabriel.a.reed@wv.gov)

Office: 304-414-7673 (preferred)

Q1 Contact Information

Answered: 14 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	92.86%	13
Department/Agency Name	100.00%	14
Primary Responsibility	92.86%	13
Organization's Role in West Virginia	100.00%	14
Phone number	85.71%	12
Email address	92.86%	13

#	NAME	DATE
1	Pau Redford	11/17/2022 11:48 AM
2	james young	11/16/2022 3:47 PM
3	Pam Yost	11/14/2022 12:42 PM
4	Zack Brown	11/14/2022 12:39 PM
5	Rawleigh Geenhaugh	11/14/2022 11:37 AM
6	Nick Webb	11/14/2022 10:55 AM
7	Michelle Thompson	11/14/2022 10:17 AM
8	Eric Tessenbaum	11/14/2022 9:08 AM
9	Paula Repka	11/11/2022 4:42 PM
10	Jim Lambert	11/10/2022 3:00 PM
11	David Hoge	11/10/2022 11:31 AM
12	Kc Hoard	11/10/2022 10:31 AM
13	Tim Daubert	11/10/2022 10:27 AM

#	DEPARTMENT/AGENCY NAME	DATE
1	Commerce / Natural Resources / Parks and Recreation	11/17/2022 11:48 AM
2	FEMA R3	11/16/2022 3:47 PM
3	USDA NRCS	11/14/2022 12:42 PM
4	WVDNR	11/14/2022 12:39 PM
5	HUD, DRSI	11/14/2022 11:37 AM
6	NOAA/National Weather Service	11/14/2022 10:55 AM
7	WV Department of Economic Development	11/14/2022 10:17 AM
8	Appalachian Center for Independent Living	11/14/2022 9:08 AM
9	Team Rubicon	11/11/2022 4:42 PM
10	WVDOT	11/10/2022 3:00 PM
11	Division of Natural Resources	11/10/2022 11:33 AM

West Virginia State HMP - Stakeholder Surveys | Other Stakeholders

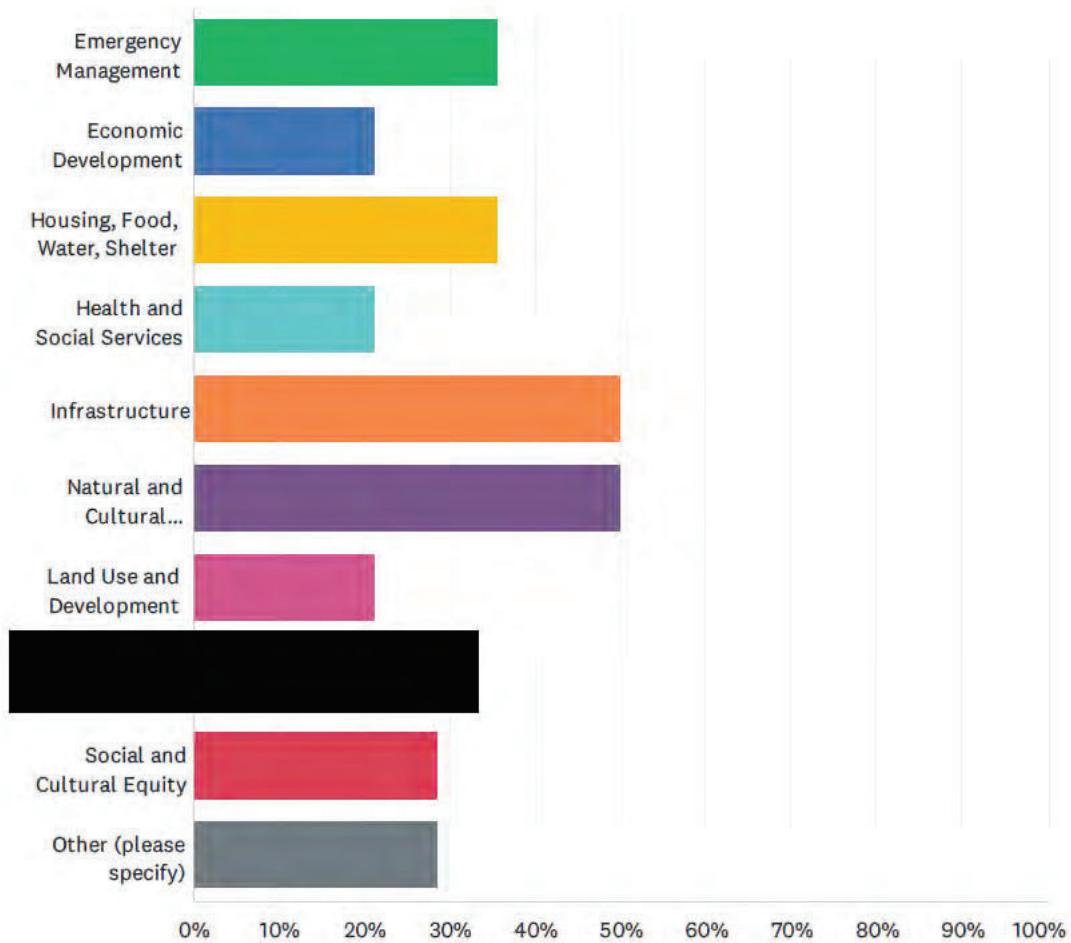
12	WV Emergency Management Division	11/10/2022 11:31 AM
13	USACE Plan Formulation Huntington District	11/10/2022 10:31 AM
14	Beckley Sanitary Board	11/10/2022 10:27 AM
#	PRIMARY RESPONSIBILITY	DATE
1	Deputy Chief of State Parks	11/17/2022 11:48 AM
2	WV FIT Team Lead	11/16/2022 3:47 PM
3	Watershed Economist	11/14/2022 12:42 PM
4	Assistant Chief, in charge of Operations for the Wildlife Resources Section	11/14/2022 12:39 PM
5	DRSI Grant Manager overseeing the State of West Virginia	11/14/2022 11:37 AM
6	Senior Service Hydrologist	11/14/2022 10:55 AM
7	Resiliency Unit Manager: HUD CDBG-Disaster Recovery Long-term recovery grant manager	11/14/2022 10:17 AM
8	Disability service and advocacy in a 16 county area covering Boone, Braxton, Calhoun, Clay, Doddridge, Greenbrier, Jackson, Kanawha, Nicholas, Pleasants, Putnam, Ritchie, Roane, Webster, Wirt, and Wood	11/14/2022 9:08 AM
9	Field Leadership, Incident Management Team	11/11/2022 4:42 PM
10	Transportation Sector	11/10/2022 3:00 PM
11	Managing preparedness grants	11/10/2022 11:31 AM
12	Planner	11/10/2022 10:31 AM
13	Stormwater and floodplain management	11/10/2022 10:27 AM
#	ORGANIZATION'S ROLE IN WEST VIRGINIA	DATE
1	State Parks	11/17/2022 11:48 AM
2	Federal EM Partner	11/16/2022 3:47 PM
3	Assist units of local government to address water resources issues such as flooding, water quality, habitat, water supply	11/14/2022 12:42 PM
4	Conserve and manage the wildlife resources of the State for the benefit of its citizens	11/14/2022 12:39 PM
5	Provides funding for federal Disaster Recovery and Mitigation grants in West Virginia	11/14/2022 11:37 AM
6	Provide river forecasts, river flood warnings, flash flood/flood warnings and watches, WV gaging council member, WV Silver Jackets member	11/14/2022 10:55 AM
7	Federal funding implementation for long-term disaster recovery	11/14/2022 10:17 AM
8	Advocacy, Services to unemployable WV	11/14/2022 9:08 AM
9	WV State Administrator	11/11/2022 4:42 PM
10	Insuring the movement of private and commercial vehicles in and across West Virginia's state highway infrastructure..	11/10/2022 3:00 PM
11	conservation and preservation of state land and natural resources	11/10/2022 11:33 AM
12	Supporting the state's preparedness to various threats and hazardous and response to actual incidents	11/10/2022 11:31 AM
13	Manages Water Resources and Mitigates Flood Risk	11/10/2022 10:31 AM
14	Wastewater and Stormwater Utility	11/10/2022 10:27 AM
#	PHONE NUMBER	DATE
1	304-558-2764	11/17/2022 11:48 AM
2	202-394-0229	11/16/2022 3:47 PM

West Virginia State HMP - Stakeholder Surveys | Other Stakeholders

3	304-284-7572	11/14/2022 12:42 PM
4	304-558-2771	11/14/2022 12:39 PM
5	(304)-356-5965	11/14/2022 10:55 AM
6	304-558-2234	11/14/2022 10:17 AM
7	13049650376	11/14/2022 9:08 AM
8	845-546-1334	11/11/2022 4:42 PM
9	3045437554	11/10/2022 3:00 PM
10	304 414-7651	11/10/2022 11:31 AM
11	304-399-6273	11/10/2022 10:31 AM
12	3045730151	11/10/2022 10:27 AM
#	EMAIL ADDRESS	DATE
1	paul.a.redford@wv.gov	11/17/2022 11:48 AM
2	james.young@fema.dhs.gov	11/16/2022 3:47 PM
3	pamela.yost@usda.gov	11/14/2022 12:42 PM
4	zack.j.brown@wv.gov	11/14/2022 12:39 PM
5	rawleigh.w.greenhalgh@hud.gov	11/14/2022 11:37 AM
6	nicholas.webb@noaa.gov	11/14/2022 10:55 AM
7	Michelle.D.Tharp@wv.gov	11/14/2022 10:17 AM
8	ericacilwv@yahoo.com	11/14/2022 9:08 AM
9	paula.repka@teamrubiconusa.org	11/11/2022 4:42 PM
10	jim.e.lambert@wv.gov	11/10/2022 3:00 PM
11	david.k.hoge@wv.gov	11/10/2022 11:31 AM
12	kc.t.hoard@usace.army.mil	11/10/2022 10:31 AM
13	tim.daubert@beckleysanitaryboard.org	11/10/2022 10:27 AM

Q2 Which of the following sectors and areas of expertise do you represent? Mark all that apply.

Answered: 14 Skipped: 0



West Virginia State HMP - Stakeholder Surveys | Other Stakeholders

ANSWER CHOICES	RESPONSES	
Emergency Management	35.71%	5
Economic Development	21.43%	3
Housing, Food, Water, Shelter	35.71%	5
Health and Social Services	21.43%	3
Infrastructure	50.00%	7
Natural and Cultural Resources	50.00%	7
Land Use and Development	21.43%	3
Social and Cultural Equity	28.57%	4
Other (please specify)	28.57%	4
Total Respondents: 14		

#	OTHER (PLEASE SPECIFY)	DATE
1	Long-term recovery	11/14/2022 10:17 AM
2	Disaster Services, Humanitarian Services	11/11/2022 4:42 PM
3	Transportation	11/10/2022 3:00 PM
4	Planning	11/10/2022 10:31 AM

Q3 Based on the above category, please provide additional description and information as to what your organization does or offers (please explain).

Answered: 10 Skipped: 4

#	RESPONSES	DATE
1	State Park system, operation of lodges, cabins, camping and other recreational facilities	11/17/2022 11:48 AM
2	Provides support to all phase of emergency management.	11/16/2022 3:47 PM
3	Watershed planning for local communities ranging from planning & design (100% federally funded) to implementation of solution (cost shared)	11/14/2022 12:42 PM
4	The Wildlife Resources Section (WRS) is responsible for the management of the state's wildlife resources for the use and enjoyment of its citizens. The primary objective of the Section is to maintain and perpetuate fish and wildlife at levels compatible with the available habitat, while providing maximum opportunities for recreation, research and education.	11/14/2022 12:39 PM
5	We provide funding and oversight for the State in completing their disaster recovery and mitigation programs.	11/14/2022 11:37 AM
6	Provide river forecasts, river flood warnings, flash flood/flood warnings and watches, WV gaging council member, WV Silver Jackets member	11/14/2022 10:55 AM
7	We receive HUD funding for disaster recovery to include eligible activities based on unmet needs after FEMA and non-profits. Eligible activities include unmet housing needs, unmet infrastructure recovery, and economic development. Activities have to be directly impacted by federal disasters. We also receive HUD funding for mitigation activities.	11/14/2022 10:17 AM
8	The CLSP program purchases assistive devices, durable medical equipment, home modifications, wheelchair ramps and vehicle modifications for economically eligible persons with disabilities,. Advocacy ADA education, ADA surveys of disaster shelters,	11/14/2022 9:08 AM
9	Insuring the movement of private and commercial vehicles in and across West Virginias state highway infrastructure..	11/10/2022 3:00 PM
10	Manage the state Emergency Operations Center, manage the State Interoperable Radio Network, support the receipt and distribution of federal commodities when needed, provide federal funding to help develop and sustain various capabilities	11/10/2022 11:31 AM

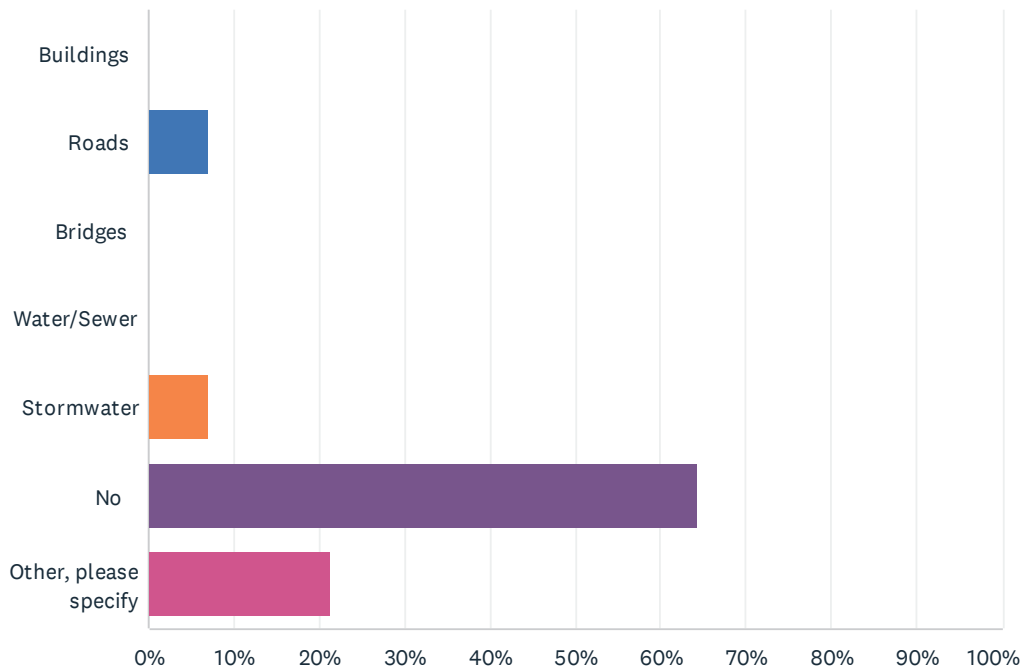
Q4 Identify the location of your facilities and/or primary service area in the State.

Answered: 13 Skipped: 1

#	RESPONSES	DATE
1	Statewide	11/17/2022 11:48 AM
2	Downtown Charleston	11/16/2022 3:47 PM
3	State Office - Morgantown Field Office throughout the state to serve all 55 counties	11/14/2022 12:42 PM
4	There are nearly 100 Wildlife Management Areas located throughout the state. There are seven coldwater hatcheries and 2 warmwater fish hatchery located throughout the state. There are 6 district offices located in Farmington, Romney, French Creek, Beckley, Alum Creek, and Parkersburg, the main office in South Charleston, and the Elkins Operation Center.	11/14/2022 12:39 PM
5	414 Summers St, Charleston, WV 25301	11/14/2022 11:37 AM
6	South Charleston	11/14/2022 10:55 AM
7	We are located at the Capitol Complex, Building 3 in Charleston, WV. We serve HUD's Most Impacted and Distressed counties that are related to FEMA IA declarations. We have the ability to serve the whole state if a disaster impacts the whole state such as Covid-19.	11/14/2022 10:17 AM
8	4710 Chimney Drive, Suite C Charleston, West Virginia 25302 Covering:Boone, Braxton, Calhoun, Clay, Doddridge, Greenbrier, Jackson, Kanawha, Nicholas, Pleasants, Putnam, Ritchie, Roane, Webster, Wirt, and Wood	11/14/2022 9:08 AM
9	No geographic boundaries. Team Rubicon is across the US.	11/11/2022 4:42 PM
10	State Wide	11/10/2022 3:00 PM
11	Office is in Charleston area, services are provided statewide	11/10/2022 11:31 AM
12	Huntington, WV serving all of WV	11/10/2022 10:31 AM
13	Facilities and service area are located in Beckley WV	11/10/2022 10:27 AM

Q5 Does your organization maintain or manage any of the following within your designated service area? If not, answer “No” at the bottom, otherwise check all that apply.

Answered: 14 Skipped: 0

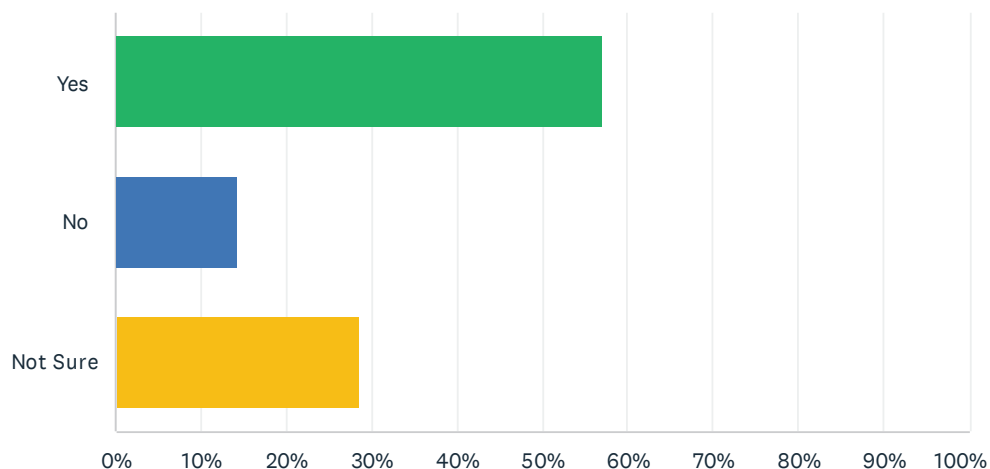


ANSWER CHOICES	RESPONSES
Bu d ngs	0.00% 0
Roads	7.14% 1
B dges	0.00% 0
Water/Sewe	0.00% 0
Stormwate	7.14% 1
No	64.29% 9
Othe , p ease spec fy	21.43% 3
TOTAL	14

#	OTHER, PLEASE SPECIFY	DATE
1	A of the above	11/17/2022 11:48 AM
2	We manage bu d ngs, oads, b idges, water/sewe , and sto mwate on ou areas but I cou d not se ect mu t p e ent ies on th s su vey	11/14/2022 12:39 PM
3	Dams and R ve s	11/10/2022 10:31 AM

Q6 Did your organization participate on the planning team for the update of a local/regional HMP?

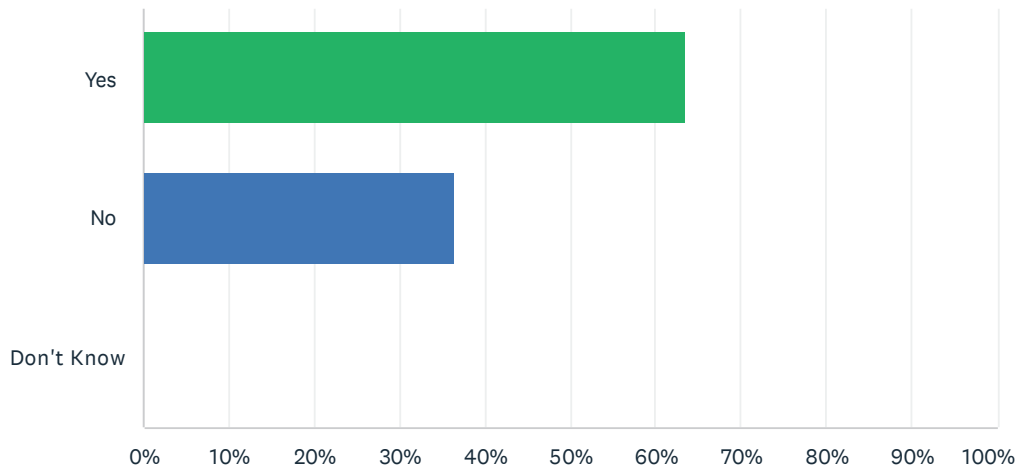
Answered: 14 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	57.14%	8
No	14.29%	2
Not Sure	28.57%	4
TOTAL		14

Q7 Looking back at previous hazard events, has your agency/organization been impacted by a hazard (ex. damage/closures/etc.)?

Answered: 11 Skipped: 3

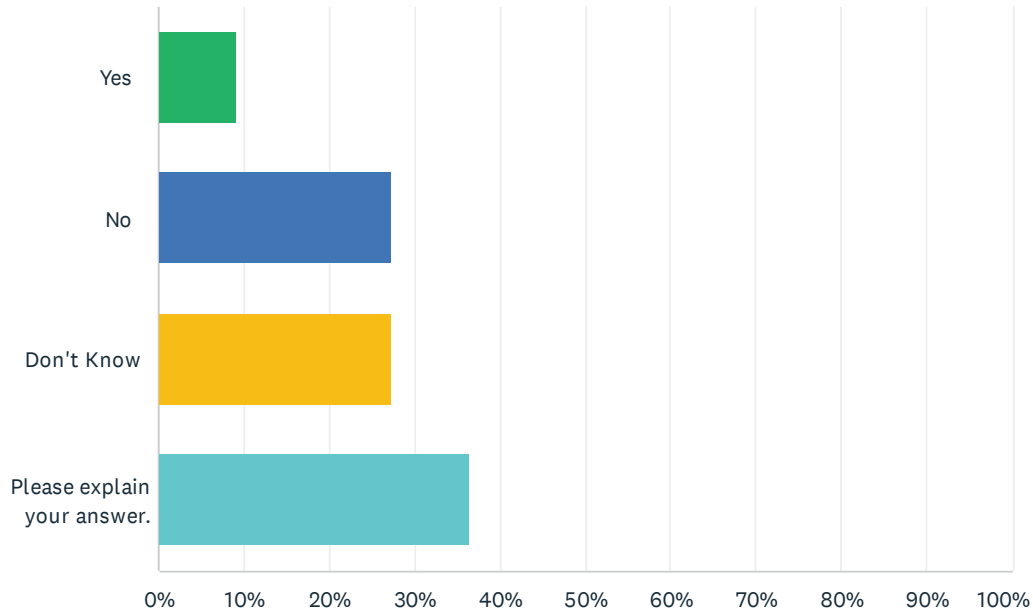


ANSWER CHOICES	RESPONSES
Yes	63.64% 7
No	36.36% 4
Don't Know	0.00% 0
TOTAL	11

#	IF YOU ANSWERED YES, IDENTIFY THE EVENTS AND PROVIDE A BRIEF DESCRIPTION OF DAMAGES OR LOSS OF SERVICES.	DATE
1	Storms, ice, snow has caused temporary closures	11/17/2022 11:53 AM
2	All types of disasters	11/16/2022 3:48 PM
3	Flood impacts our boat ramps and some of our hatcheries that are located in the flood plain	11/14/2022 12:48 PM
4	Yes but not in West Virginia	11/14/2022 11:40 AM
5	2016 flood	11/14/2022 9:16 AM
6	damage to water ways	11/10/2022 11:34 AM
7	Heavy rains create flood hazard along drainage ways in Beckley. Some rain events cause road closures and impact properties. Landslides impact the only road to our waste treatment plant.	11/10/2022 10:38 AM

Q8 Are any of your facilities located in known hazard areas (e.g., floodplain, wildfire, sinkholes, etc.)?

Answered: 11 Skipped: 3



ANSWER CHOICES	RESPONSES
Yes	9.09% 1
No	27.27% 3
Don't Know	27.27% 3
Please explain your answer.	36.36% 4
TOTAL	11

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	Occasional flooding, wildfires occur on state parks.	11/17/2022 11:53 AM
2	Yes, by nature boat ramps are in the floodplain. Some of our hatcheries are in floodplains as well.	11/14/2022 12:48 PM
3	Not applicable	11/11/2022 4:44 PM
4	Many areas that experience flooding in Beckley are not located in the SFHA.	11/10/2022 10:38 AM

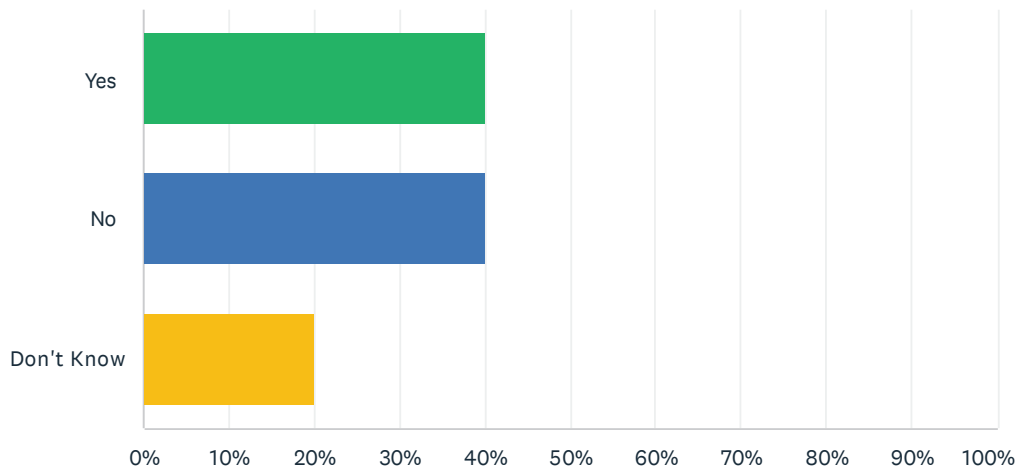
Q9 Looking at where your facilities or services are located in West Virginia, what areas do you believe to be the most vulnerable to hazards? What are these hazards? Please explain.

Answered: 8 Skipped: 6

#	RESPONSES	DATE
1	Tucker county weather events, flooding at Blennerhassett Island, Bluestone Lake, occasional wildfires at state forests and state parks	11/17/2022 11:53 AM
2	Boat ramps and fish hatcheries in the floodplain are the most vulnerable to flooding. Some Wildlife Management Areas would be subject to wildfires.	11/14/2022 12:48 PM
3	Some field offices may be in floodplains and access may be impacted by flooding	11/14/2022 12:44 PM
4	I believe my office is out of the floodplain but I also work from home.	11/14/2022 11:40 AM
5	WV still is not protecting development in the floodplain. Local units of government are controlling the floodplain managers which are granting variances to the adopted FEMA Floodplain Ordinance. Now FEMA has implemented NFIP 2.0 Risk Rating System so even with 2 ft above base flood elevation, premiums have tripled for residents in WV.	11/14/2022 10:25 AM
6	Flooding in most of our area of coverage. Wildfire in many areas. Chemical leaks, wind events (DERECHIO 2012) as well as other weather-related events.	11/14/2022 9:16 AM
7	Not applicable	11/11/2022 4:44 PM
8	Natural drainageways that were developed upon are subject to flooding and Beckley's waste treatment plant road is subject to landslides. There is only one road into the facility.	11/10/2022 10:38 AM

Q10 Do you believe that your facilities and associated infrastructure 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: 4

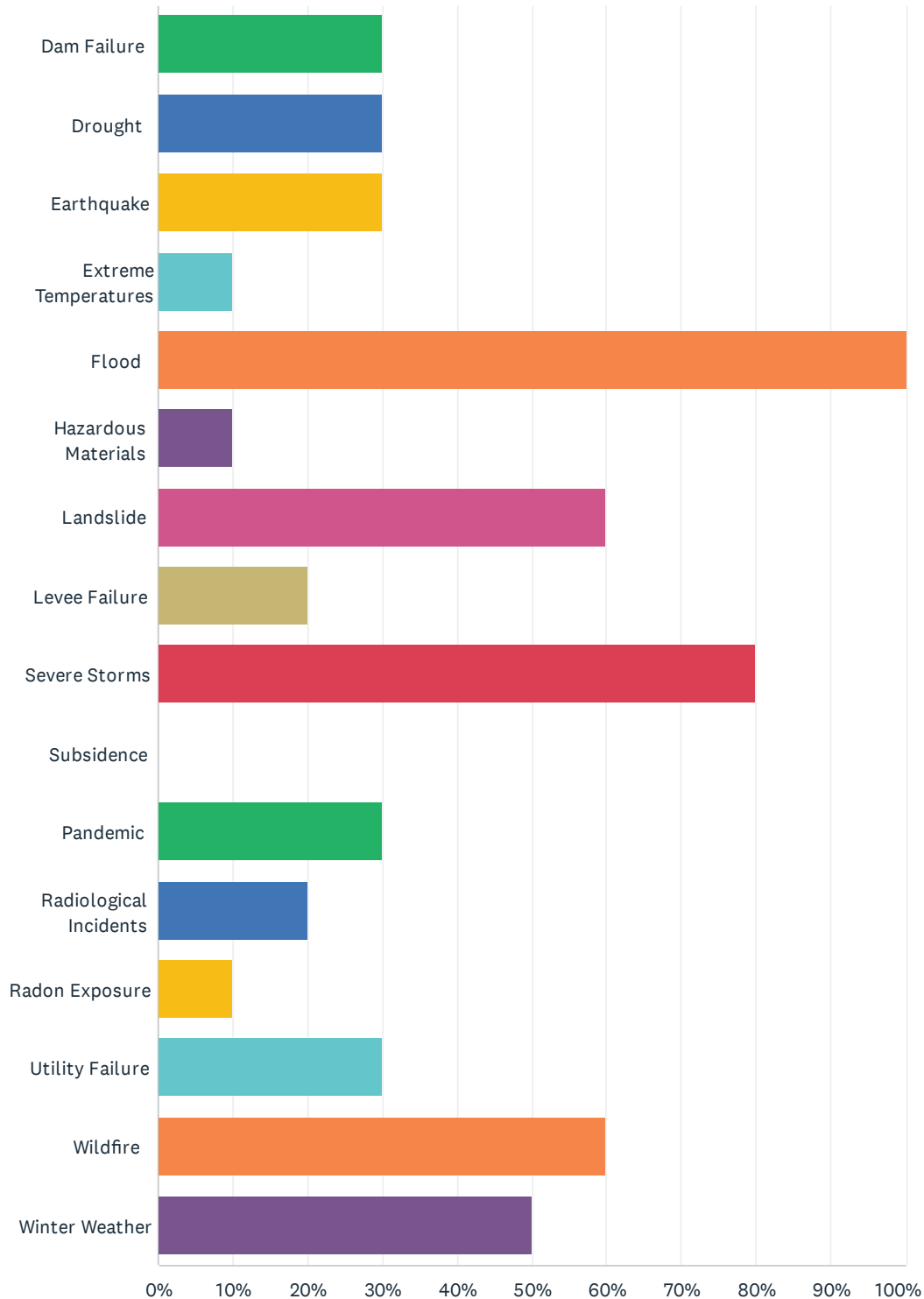


ANSWER CHOICES	RESPONSES	
Yes	40.00%	4
No	40.00%	4
Don't Know	20.00%	2
TOTAL		10

#	IF YES, PLEASE SPECIFY.	DATE
1	For the most part, we are in the service industry and are equipped to house guests, visitors, etc during events.	11/17/2022 11:53 AM
2	Our boat ramps are built with the structures that can be damaged by high water. Sediment removal is the most problematic.	11/14/2022 12:48 PM
3	There was discussion on preparing a generator in the past, but that never materialized at the State level.	11/14/2022 9:16 AM
4	Not applicable	11/11/2022 4:44 PM

Q11 For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

Answered: 10 Skipped: 4



West Virginia State HMP - Stakeholder Surveys | Other Stakeholders

ANSWER CHOICES	RESPONSES	
Dam Failure	30.00%	3
Drought	30.00%	3
Earthquake	30.00%	3
Extreme Temperatures	10.00%	1
Flood	100.00%	10
Hazardous Materials	10.00%	1
Landslide	60.00%	6
Levee Failure	20.00%	2
Severe Storms	80.00%	8
Subsidence	0.00%	0
Pandemic	30.00%	3
Radiological Incidents	20.00%	2
Radon Exposure	10.00%	1
Utility Failure	30.00%	3
Wildfire	60.00%	6
Winter Weather	50.00%	5
Total Respondents: 10		

Q12 What potential impacts [REDACTED] are most concerning to you?

Answered: 9 Skipped: 5

#	RESPONSES	DATE
1	Sk season impact.	11/17/2022 11:53 AM
2	How it will impact the populations of species dependent on cool temperatures, for example book trout. Other concerns relate to the frequency and severity of storm events.	11/14/2022 12:48 PM
3	Floodng and droughts	11/14/2022 12:44 PM
4	Severe storms cause flooding and landslides.	11/14/2022 11:40 AM
5	Increased heavy rainfall events, especially high rainfall events	11/14/2022 10:58 AM
6	Frequency of severe storms and the impact of severe storms on the households especially key to recovery themselves.	11/14/2022 10:25 AM
7	N/A	11/14/2022 9:16 AM
8	Warmer winters holds more moisture which prompts heavier rain. Larger rain totals result in flooding.	11/10/2022 3:04 PM
9	The potential for increased rainfall events with high intensity making us even more susceptible to flash flooding.	11/10/2022 10:38 AM

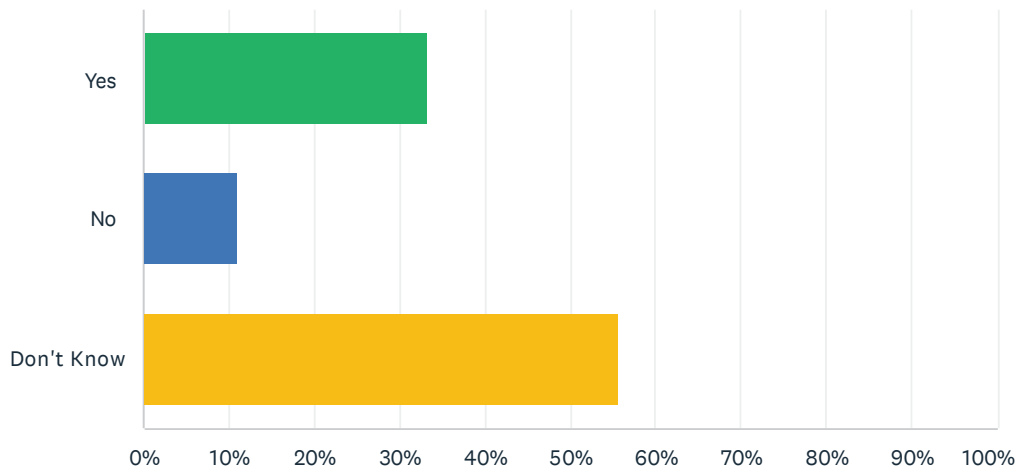
Q13 What challenges or barriers to reducing vulnerability in West Virginia do you see?

Answered: 9 Skipped: 5

#	RESPONSES	DATE
1	None	11/17/2022 11:53 AM
2	Lack of flat land not in the floodplain. Lack of funding and commitment from state resources.	11/14/2022 12:48 PM
3	Navigating federal, state, local administrations. Local expertise is limited.	11/14/2022 12:44 PM
4	Government buy-in at the state and local level. Doing what is best in the long-term versus immediate needs of the citizenry. Politics.	11/14/2022 11:40 AM
5	Socioeconomic, complex topography, cost, property mitigation/buyouts	11/14/2022 10:58 AM
6	Development being prioritized over floodplain management.	11/14/2022 10:25 AM
7	Often the disability community is the most vulnerable and often left waiting and wanting.	11/14/2022 9:16 AM
8	There are very large infrastructure needs from aging pipes, bridges, roads, equipment, and technology. Small jurisdictions do not have the funds to maintain or replace in a timely manner. The state does not have the administrative capacity to manage the number of projects that are needed and for which funding is available.	11/10/2022 3:04 PM
9	Making people understand how to build and develop to reduce risks.	11/10/2022 10:38 AM

Q14 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: 9 Skipped: 5

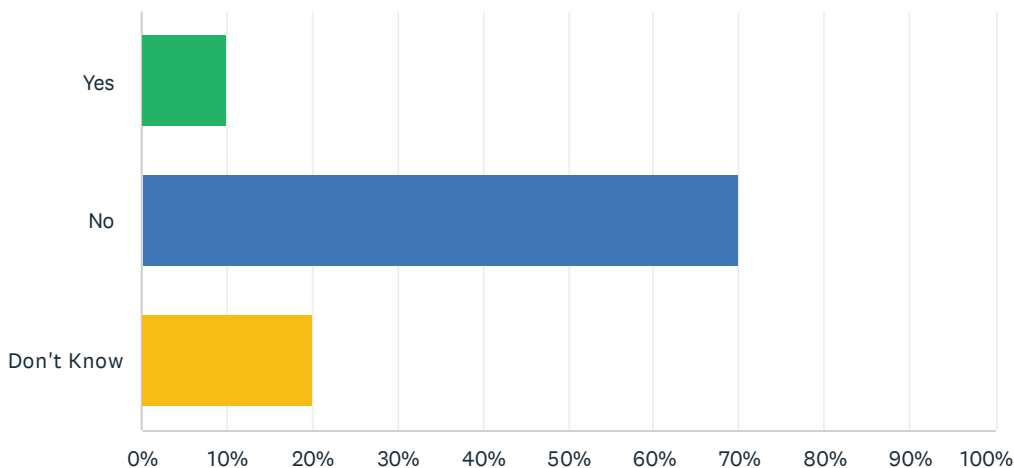


ANSWER CHOICES	RESPONSES	
Yes	33.33%	3
No	11.11%	1
Don't Know	55.56%	5
TOTAL		9

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	Bridges in WV have been designed with culverts and unfortunately just dam up during severe rainstorms and flooding events. Stream restoration is desperately needed, but as for privately owned bridges, culverts propose a huge threat to residents during upstate rain.	11/14/2022 10:42 AM
2	Even during the 2016 flood the roads and bridges were still usable for the most part around the Center.	11/14/2022 9:19 AM
3	Not applicable.	11/11/2022 4:44 PM
4	Many roads do get flooded but I haven't seen washouts.	11/10/2022 10:43 AM

Q15 Do you think that the utility infrastructure in your county and the state (such as electricity, communications, water, and sewer) are sufficiently disaster-resistant to support emergency services (police, fire, and EMS) after hazard events?

Answered: 10 Skipped: 4



ANSWER CHOICES	RESPONSES
Yes	10.00% 1
No	70.00% 7
Don't Know	20.00% 2
TOTAL	10

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
1	Several parks experience power outages more often during inclement weather.	11/17/2022 11:54 AM
2	Electricity, phone and internet services to several of our district offices experience outages on a semi-regular basis. Should these outages occur during a crisis, our staff would have a great difficulty responding appropriately to the crisis.	11/14/2022 12:55 PM
3	Power frequently goes out after a snowstorm or severe storm due to utilities being above ground and vulnerable to trees falling. Many of the sewer facilities are also subpar.	11/14/2022 11:41 AM
4	Storm drains in urban areas were not designed to handle increasing runoff from high rainfall events, culverts do not seem to be maintained/cleaned from debris (residents, county, state level), power lines continue to be vulnerable to falling branches/trees.	11/14/2022 11:01 AM
5	Most of WV is still operating with a sewer and storm water system combined. These systems cannot handle the water capacity during disaster events.	11/14/2022 10:42 AM
6	We have seen issues in the past and seen local services having to go to alternate sites and systems.	11/14/2022 9:19 AM
7	Not applicable.	11/11/2022 4:44 PM

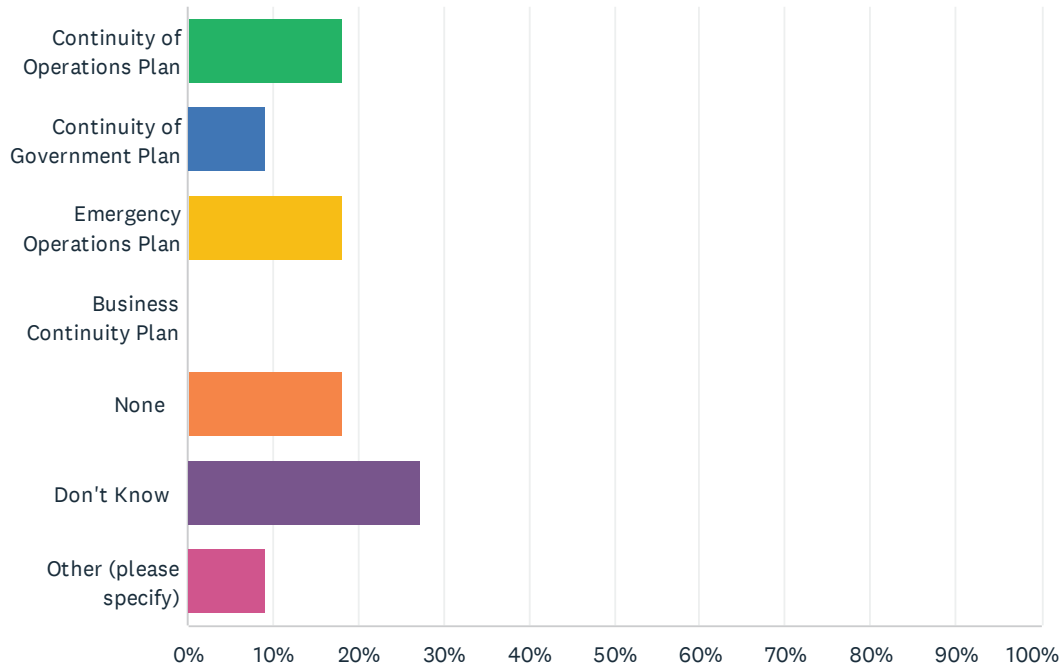
Q16 What support does your organization need from the State to reduce your vulnerability?

Answered: 7 Skipped: 7

#	RESPONSES	DATE
1	Greater oversight by regulatory bodies and mandated maintenance of communications and utility infrastructure by service providers.	11/14/2022 12:55 PM
2	none	11/14/2022 12:45 PM
3	None, however, we want to provide support to you.	11/14/2022 11:41 AM
4	Buy-in from leadership to protect the floodplain development and help secure affordable flood insurance for residents.	11/14/2022 10:42 AM
5	inclusion in planning and support in events.	11/14/2022 9:19 AM
6	Not applicable.	11/11/2022 4:44 PM
7	Provide more funding opportunities to fix aging stormwater infrastructure within and outside WVDOH right-a-way.	11/10/2022 10:43 AM

Q17 Is your organization covered by any of the following plans? Check all that apply.

Answered: 11 Skipped: 3

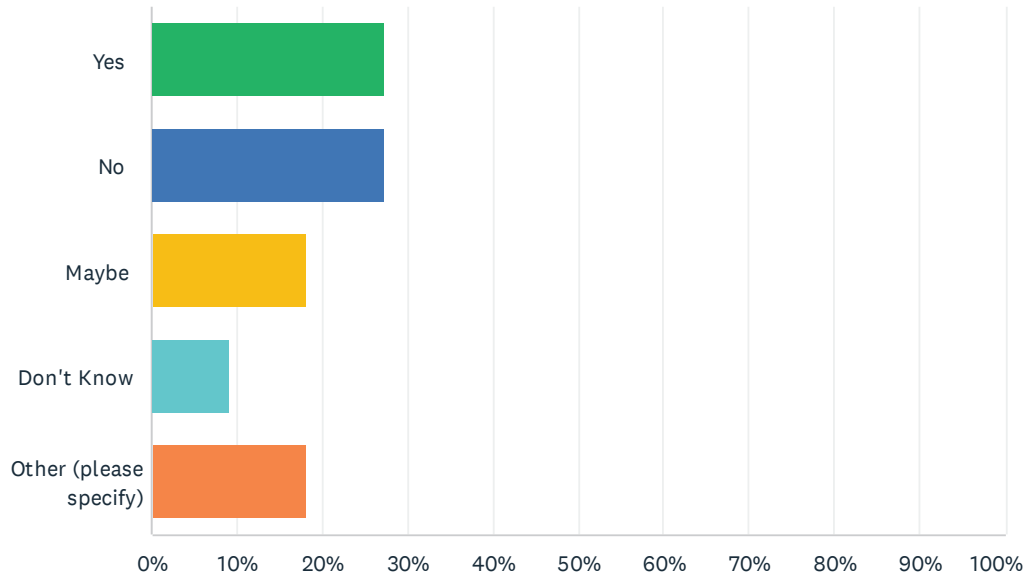


ANSWER CHOICES	RESPONSES	
Continuity of Operations Plan	18.18%	2
Continuity of Government Plan	9.09%	1
Emergency Operations Plan	18.18%	2
Business Continuity Plan	0.00%	0
None	18.18%	2
Don't Know	27.27%	3
Other (please specify)	9.09%	1
TOTAL		11

#	OTHER (PLEASE SPECIFY)	DATE
1	We have sat at the table, but most parts of the plan for the AFN community has been done away with.	11/14/2022 9:20 AM

Q18 Do you believe the facilities and infrastructure for your organization are equipped to handle a disaster and/or resilient to damages?

Answered: 11 Skipped: 3

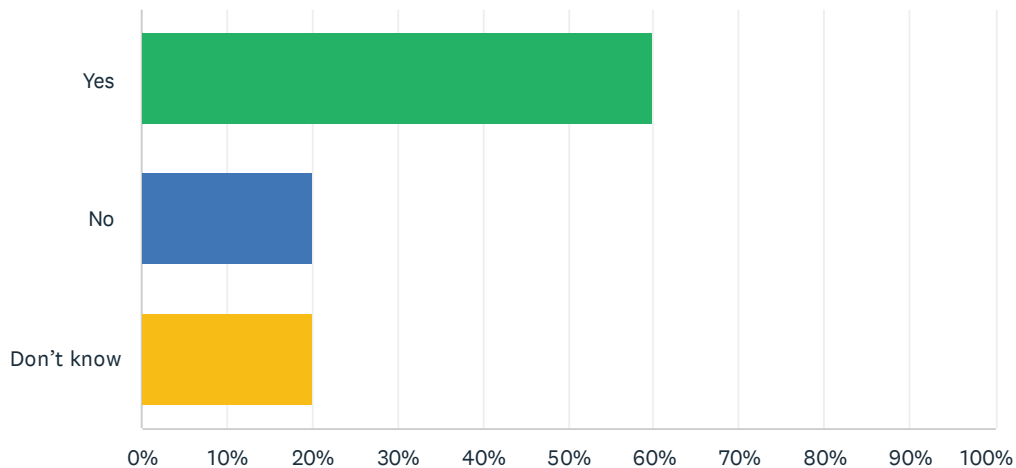


ANSWER CHOICES	RESPONSES	
Yes	27.27%	3
No	27.27%	3
Maybe	18.18%	2
Don't Know	9.09%	1
Other (please specify)	18.18%	2
TOTAL		11

#	OTHER (PLEASE SPECIFY)	DATE
1	We have facilities that are resistant to damages and those that are not.	11/14/2022 1:08 PM
2	Not applicable.	11/11/2022 4:45 PM

Q19 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: 4

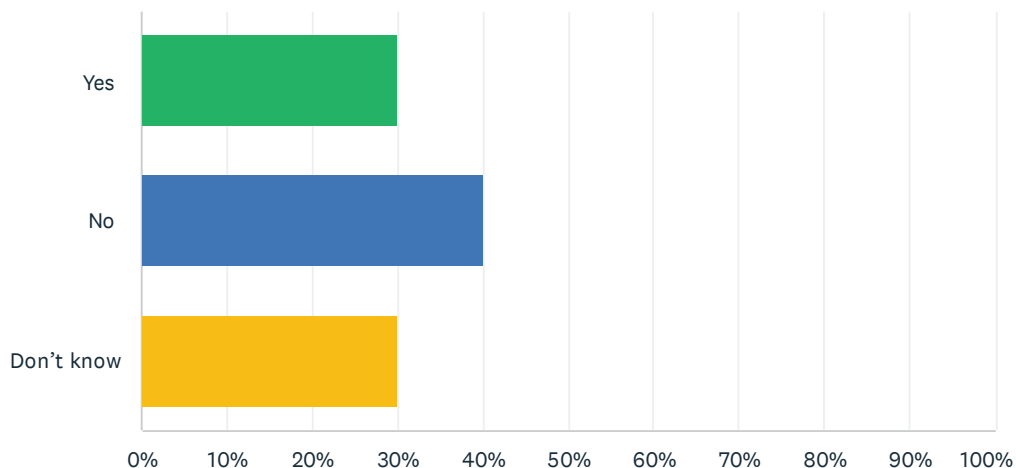


ANSWER CHOICES	RESPONSES	
Yes	60.00%	6
No	20.00%	2
Don't know	20.00%	2
TOTAL		10

#	PLEASE EXPLAIN YOUR ANSWER	DATE
1	Unfortunately, we still are having loss of life during disaster events so there is room for improvement.	11/14/2022 10:44 AM
2	In my community, there is a decent understanding and capability, which does not exist across much of the state.	11/10/2022 3:08 PM

Q20 Do you believe that local government understands, supports, and possesses adequate resources for hazard risk reduction efforts in the community?

Answered: 10 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	30.00%	3
No	40.00%	4
Don't know	30.00%	3
TOTAL		10

#	PLEASE EXPLAIN YOUR ANSWER	DATE
1	There needs to be long-term thinking on how to mitigate future disasters.	11/14/2022 11:43 AM
2	CDBG-DR funds are not FEMA funds and have different regulations.	11/14/2022 10:44 AM
3	Too many other priorities that have an immediate return on investment.	11/10/2022 3:08 PM

Q21 Can you identify projects or programs that will reduce your facility/organization's vulnerability to damages and losses, including loss of operation/service, to hazard events? Please explain your answer.

Answered: 4 Skipped: 10

#	RESPONSES	DATE
1	No	11/17/2022 11:55 AM
2	no	11/14/2022 12:45 PM
3	Hazard mitigation plans need to mitigate hazards as opposed to responding to active disasters. A plan and mitigation are long-term, future focused things.	11/14/2022 11:45 AM
4	utilities, roads etc.	11/14/2022 9:22 AM

Q22 Can you identify projects or programs that have recently been implemented to reduce your facility's/organization's vulnerability, damage and losses, including loss of operation/service, to hazard events? Please explain your answer.

Answered: 4 Skipped: 10

#	RESPONSES	DATE
1	No	11/17/2022 11:55 AM
2	no	11/14/2022 12:45 PM
3	The state team handling the CDBG-DR and CDBG-MIT grants are great. I trust in them to make things better in the State.	11/14/2022 11:45 AM
4	No	11/14/2022 9:22 AM

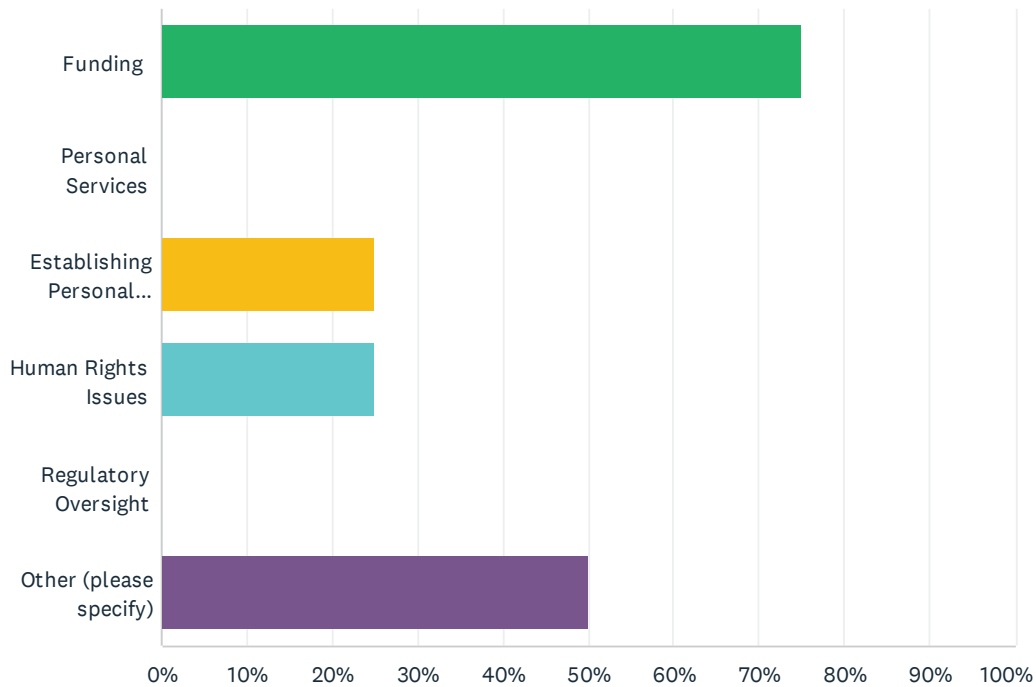
Q23 Does your organization/agency provide assistance to any socially vulnerable populations throughout the State?

Answered: 6 Skipped: 8

#	RESPONSES	DATE
1	No	11/17/2022 11:56 AM
2	yes	11/14/2022 12:46 PM
3	Yes	11/14/2022 11:48 AM
4	Yes, HUD funding requires prioritization for low to moderate income households and special populations such as homeless and seniors as examples.	11/14/2022 10:46 AM
5	Yes	11/14/2022 9:25 AM
6	Yes. during disaster response.	11/11/2022 4:46 PM

Q24 If yes, what types of services to you provide?

Answered: 4 Skipped: 10



ANSWER CHOICES	RESPONSES	
Fund ng	75.00%	3
Pe sona Se v ces	0.00%	0
Estab sh ng Pe sona Serv ces	25.00%	1
Human R ghts Issues	25.00%	1
Regu ato y Ove s ght	0.00%	0
Othe (p ease spec fy)	50.00%	2
Total Respondents: 4		

#	OTHER (PLEASE SPECIFY)	DATE
1	Hous ng	11/14/2022 10:46 AM
2	Rplacement of amps and DME to AFN popu at on that s unemp oyab e.	11/14/2022 9:25 AM

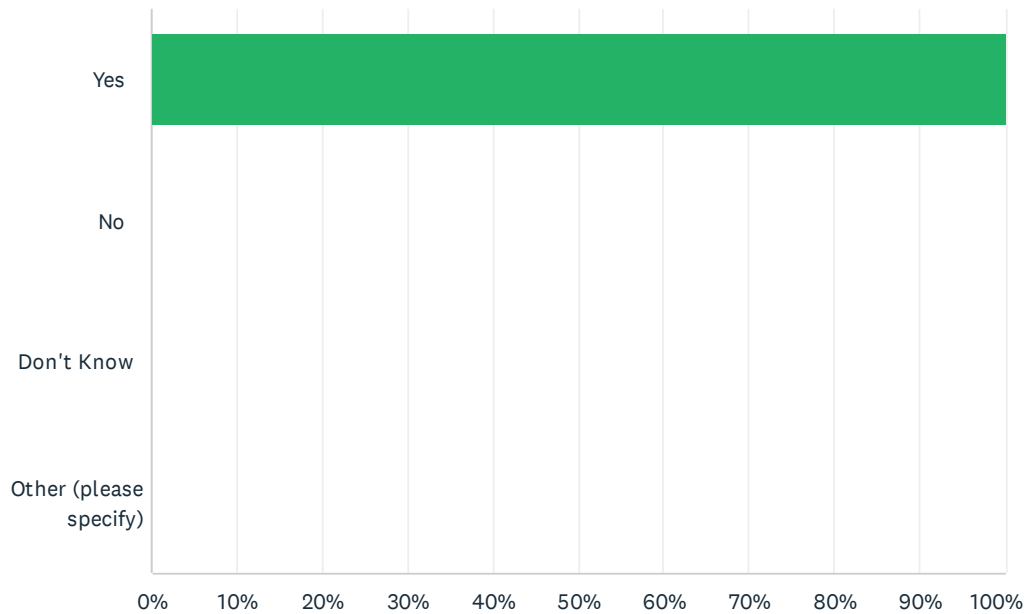
Q25 Please provide a list of the socially vulnerable populations served by your agency/organization.

Answered: 3 Skipped: 11

#	RESPONSES	DATE
1	limited resource farmers, minorities, distressed communities	11/14/2022 12:46 PM
2	Our focus is on underserved communities. LMI, etc.	11/14/2022 11:48 AM
3	The whole AFN poulation	11/14/2022 9:25 AM

Q26 Do you provide these services during times of disasters?

Answered: 4 Skipped: 10



ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
Don't Know	0.00%	0
Other (please specify)	0.00%	0
TOTAL		4

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q27 Additional comments

Answered: 1 Skipped: 13

#	RESPONSES	DATE
1	We have been on call to EOC in the past, but rarely called upon for expertise or to assit.	11/14/2022 9:25 AM

Q28 What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? This may include but is not limited to access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.

Answered: 3 Skipped: 11

#	RESPONSES	DATE
1	Older park facilities may not be totally accessible for mobility impaired visitors and guests.	11/17/2022 11:57 AM
2	broadband, economic disadvantages, limited local staff	11/14/2022 12:46 PM
3	Information is not avable in accessible formats.Few shelters are able to handle or prepared for the AFN population.	11/14/2022 9:27 AM

Q29 Do you have any questions or comments for West Virginia EMD?

Answered: 2 Skipped: 12

#	RESPONSES	DATE
1	no	11/14/2022 12:47 PM
2	Team Rubicon is a disaster response organization. Most of the questions were not applicable.	11/11/2022 4:47 PM

From: [Reed, Gabriel A](#)
To: [All DHSEM STAFF](#); [Lora D Lipscomb](#); [WV DNR Customer Service](#); [Holly A Quentrill](#); [Lirerose M Beach](#); [Nathan C Meadows](#); [Edwin R Martin](#); [Aviation Division](#); [Melody A Duke](#); [Lora D Myers](#); [Mischa S Difilippo](#); [Valerie C Poindexter](#); [Shelley I Brightwell](#); [Stephen W Panaro](#); [Emily S Fleck](#); [Niki A Miller-Casdorff](#); [Marilyn S McMinn](#); [Solomon Phillips](#); [Jeremy C Wolfe](#); [Donna White](#); [Carl S Baldwin](#); [Luke R Mitchell](#); [Kimberly D Hensley](#); [Ashley E Summitt](#); [Lori L Tarr](#); [Lora M Reynolds](#); [woodrow.b.whitie@wv.gov](#); [Jeff P Lawrentz](#); [Tonya J Martinez](#); [Deanne R Stevens](#); [Jason M Stover](#); [Leigh A Jackson](#); [BECKY.C.FAMER@wv.gov](#); [Teresa D Taylor](#); [Subbio, Tony](#); [Tate, JaLeesa](#); [Robert T Martin](#); [McCallister, Roy](#); [Robert A Fisher](#); [Lori D Bailey](#); [Shannon L Shaffer](#); [Kimberly B Weber](#); [Theresa M Kirk](#); [Andrew R Herrick](#); [John E Roush](#); [Teri L Anderson](#); [Ellen M Briggs](#); [Finance](#); [Fleet Management](#); [WVGB Account](#); [Nicole A Cofer](#); [Philip W Morrison](#); [Sherry S Eling](#); [Amy R Leslie](#); [Luke C McVay](#); [Leeann.M.Doyle@wv.gov](#); [Mike M Sheets \(Purchasing\)](#); [Jennifer F Fields](#); [James D Meadows](#); [Gregory C Clay](#); [John L Fernatt](#)
Subject: WV 2023 Hazard Mitigation Plan update: State Depts. / Agencies Survey
Date: Tuesday, November 29, 2022 8:40:15 AM

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Hello! As you know, the State of West Virginia is updating its Hazard Mitigation Plan (HMP). The HMP is not a WV EMD document; it is a State of West Virginia document. It will analyze the hazards faced by the State, its regions and counties, residents, and businesses, and will identify a statewide strategy for minimizing the vulnerability to these hazards. You may have received an invitation to the State Planning Team Kickoff Meeting that was held on September 13, 2022 and/or to our upcoming State Planning Team Capabilities Assessment Meeting being held on November 9, 2022. I would like to invite you to provide additional input into our planning process, so that the State HMP can address issues that impact the State and our communities. We have developed a short survey to gather this information. We would greatly appreciate it if you would complete the survey and otherwise participate in this important endeavor. The survey can be found here: https://www.surveymonkey.com/r/WVHMP_StateDepts.

We would appreciate it if you would complete the survey by Dec 9th, 2022.

Please reach out if you have any questions. Thank you very much!

Have a great day!

--



Gabriel A. Reed, MBA, BSBA

Homeland Security Grant Manager
"State Hazard Mitigation Officer"

WV Emergency Management Division

2403 Fairlawn Ave.

Dunbar, WV 25064

gabriel.a.reed@wv.gov

Office: 304-414-7673 (preferred)

Q1 Contact Information

Answered: 8 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	100.00%	8
Department/Agency Name	100.00%	8
Primary Responsibility	100.00%	8
Phone number	87.50%	7
Email address	100.00%	8

#	NAME	DATE
1	Meody Duke	12/6/2022 1:42 PM
2	Ed Martin	11/30/2022 1:50 PM
3	Donna White	11/30/2022 9:55 AM
4	Phil Morrison	11/30/2022 8:47 AM
5	Lola D Lpscomb	11/30/2022 8:36 AM
6	Roy McCaiste	11/29/2022 1:10 PM
7	Andrew Herck	11/29/2022 9:53 AM
8	Kimberly B. Weber	11/29/2022 9:32 AM

#	DEPARTMENT/AGENCY NAME	DATE
1	WV Board of Risk and Insurance Management	12/6/2022 1:42 PM
2	State Residency Office	11/30/2022 1:50 PM
3	Brim	11/30/2022 9:55 AM
4	WV Prosecuting Attorneys Institute	11/30/2022 8:47 AM
5	Emergency Management	11/30/2022 8:36 AM
6	WV Dept. of Agriculture	11/29/2022 1:10 PM
7	Department of Administration/Ethics Commission	11/29/2022 9:53 AM
8	Ethics Commission	11/29/2022 9:32 AM

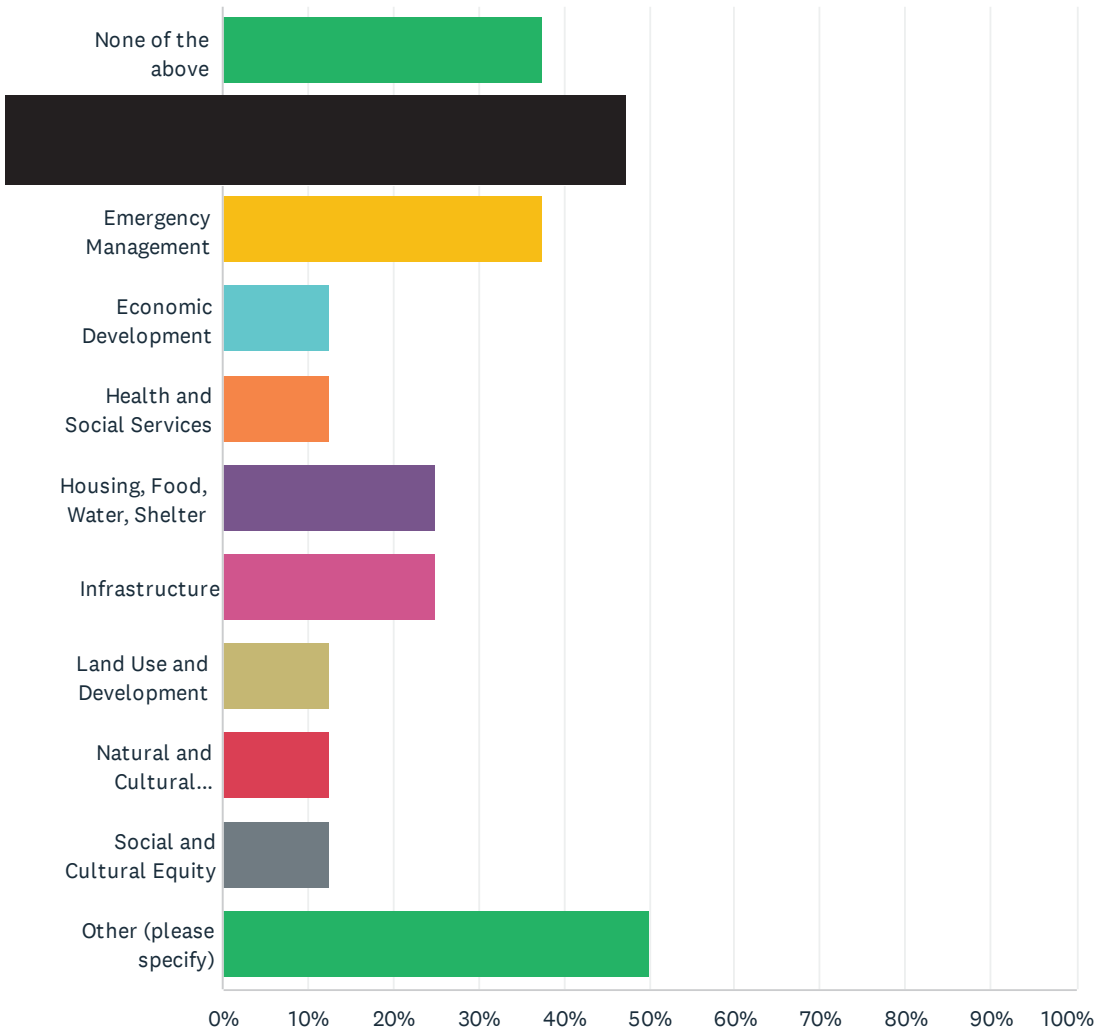
#	PRIMARY RESPONSIBILITY	DATE
1	To provide ability and opportunity for the state	12/6/2022 1:42 PM
2	Deputy Director	11/30/2022 1:50 PM
3	Cerca	11/30/2022 9:55 AM
4	Emergency - Executive Director	11/30/2022 8:47 AM
5	Public Information Office	11/30/2022 8:36 AM
6	Emergency Preparedness Supervisor	11/29/2022 1:10 PM
7	Staff Attorney	11/29/2022 9:53 AM
8	Executive Director	11/29/2022 9:32 AM

West Virginia State HMP - Stakeholder Surveys | State Departments/Agencies

#	PHONE NUMBER	DATE
1	3043802572	12/6/2022 1:42 PM
2	304-290-8033	11/30/2022 1:50 PM
3	304-352-0252	11/30/2022 9:55 AM
4	304 558 3348	11/30/2022 8:47 AM
5	304-951-3008	11/30/2022 8:36 AM
6	13045531170	11/29/2022 1:10 PM
7	304-558-0664	11/29/2022 9:53 AM
#	EMAIL ADDRESS	DATE
1	melody.a.duke@wv.gov	12/6/2022 1:42 PM
2	edwin.r.martin@wv.gov	11/30/2022 1:50 PM
3	donna.white@wv.gov	11/30/2022 9:55 AM
4	philip.w.morrison@wv.gov	11/30/2022 8:47 AM
5	lora.d.lipscomb@wv.gov	11/30/2022 8:36 AM
6	rmccallister@wvda.us	11/29/2022 1:10 PM
7	andrew.r.herrick@wv.gov	11/29/2022 9:53 AM
8	kimberly.b.weber@wv.gov	11/29/2022 9:32 AM

Q2 Which of the following sectors and areas of expertise do you represent? Mark all that apply.

Answered: 8 Skipped: 0

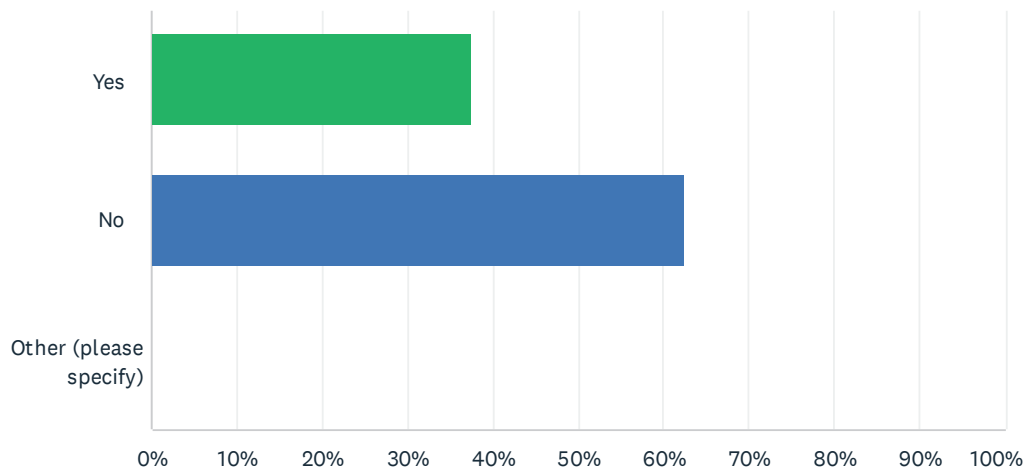


ANSWER CHOICES	RESPONSES	
None of the above	37.50%	3
Emergency Management	37.50%	3
Economic Development	12.50%	1
Health and Social Services	12.50%	1
Housing, Food, Water, Shelter	25.00%	2
Infrastructure	25.00%	2
Land Use and Development	12.50%	1
Natural and Cultural Resources	12.50%	1
Social and Cultural Equity	12.50%	1
Other (please specify)	50.00%	4
Total Respondents: 8		

#	OTHER (PLEASE SPECIFY)	DATE
1	Insurance	12/6/2022 1:42 PM
2	Spec a zed expe ence n dams and natu al st eam esto at on	11/30/2022 1:50 PM
3	C im nal Just ce System	11/30/2022 8:47 AM
4	Pub c Info mat on and wa n ng	11/30/2022 8:36 AM

Q3 Did you receive an invitation to the State Planning Team Kickoff Meeting held on September 13, 2022?

Answered: 8 Skipped: 0

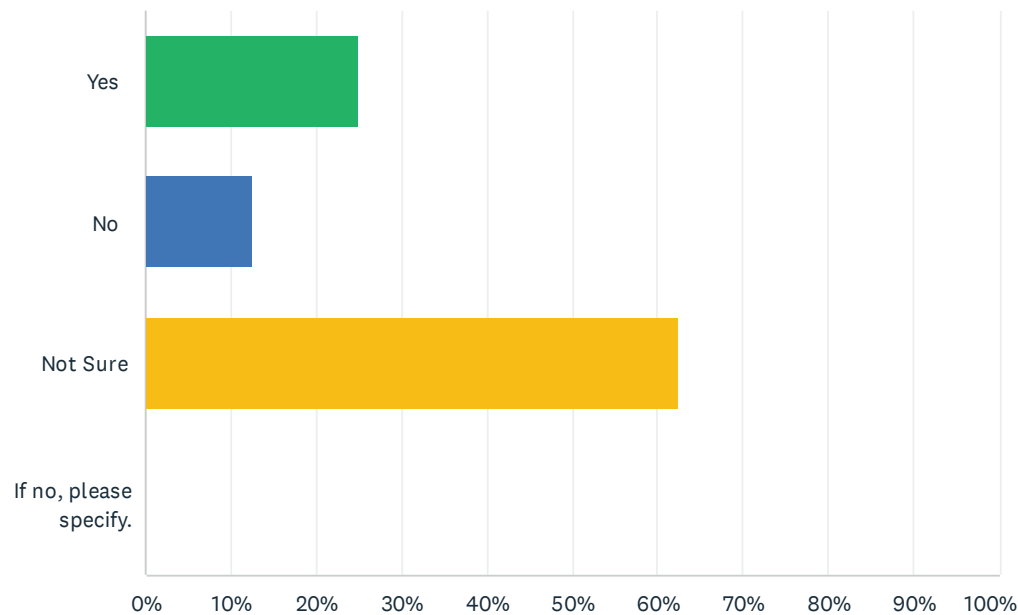


ANSWER CHOICES		RESPONSES	
Yes		37.50%	3
No		62.50%	5
Other (please specify)		0.00%	0
TOTAL			8

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q4 Is your agency currently part of the State’s Planning Team for updating the State's Hazard Mitigation Plan?

Answered: 8 Skipped: 0

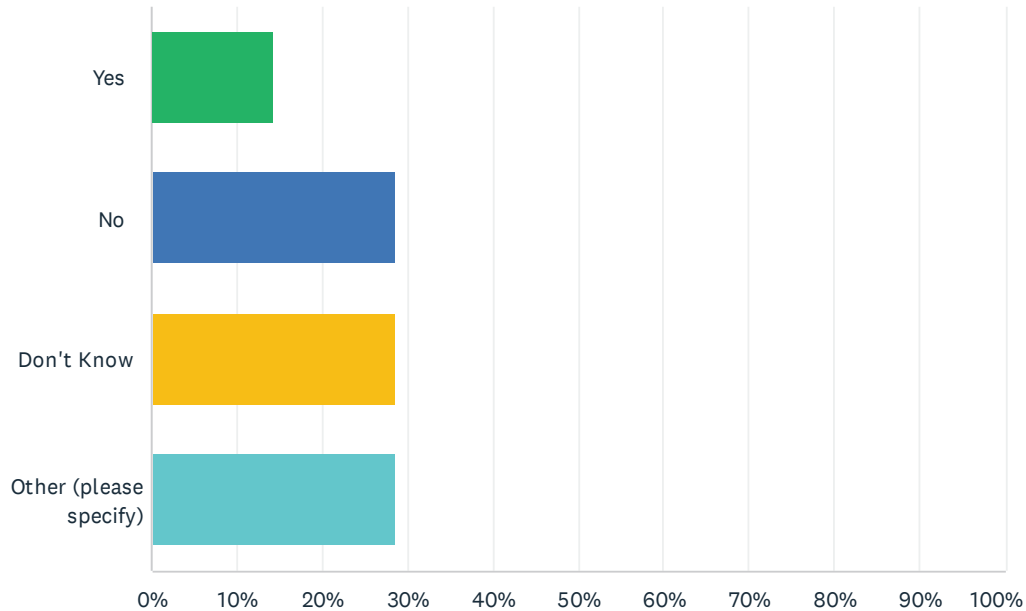


ANSWER CHOICES	RESPONSES	
Yes	25.00%	2
No	12.50%	1
Not Sure	62.50%	5
If no, please specify.	0.00%	0
TOTAL		8

#	IF NO, PLEASE SPECIFY.	DATE
	There are no responses.	

Q5 If you answered no to the question above, would your agency like to become a member of the State's Hazard Mitigation Planning Team?

Answered: 7 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	14.29%	1
No	28.57%	2
Don't Know	28.57%	2
Other (please specify)	28.57%	2
TOTAL		7

#	OTHER (PLEASE SPECIFY)	DATE
1	BRIM can assist as needed	12/6/2022 1:43 PM
2	Have an employee that would participate as my liaison.	11/30/2022 8:48 AM

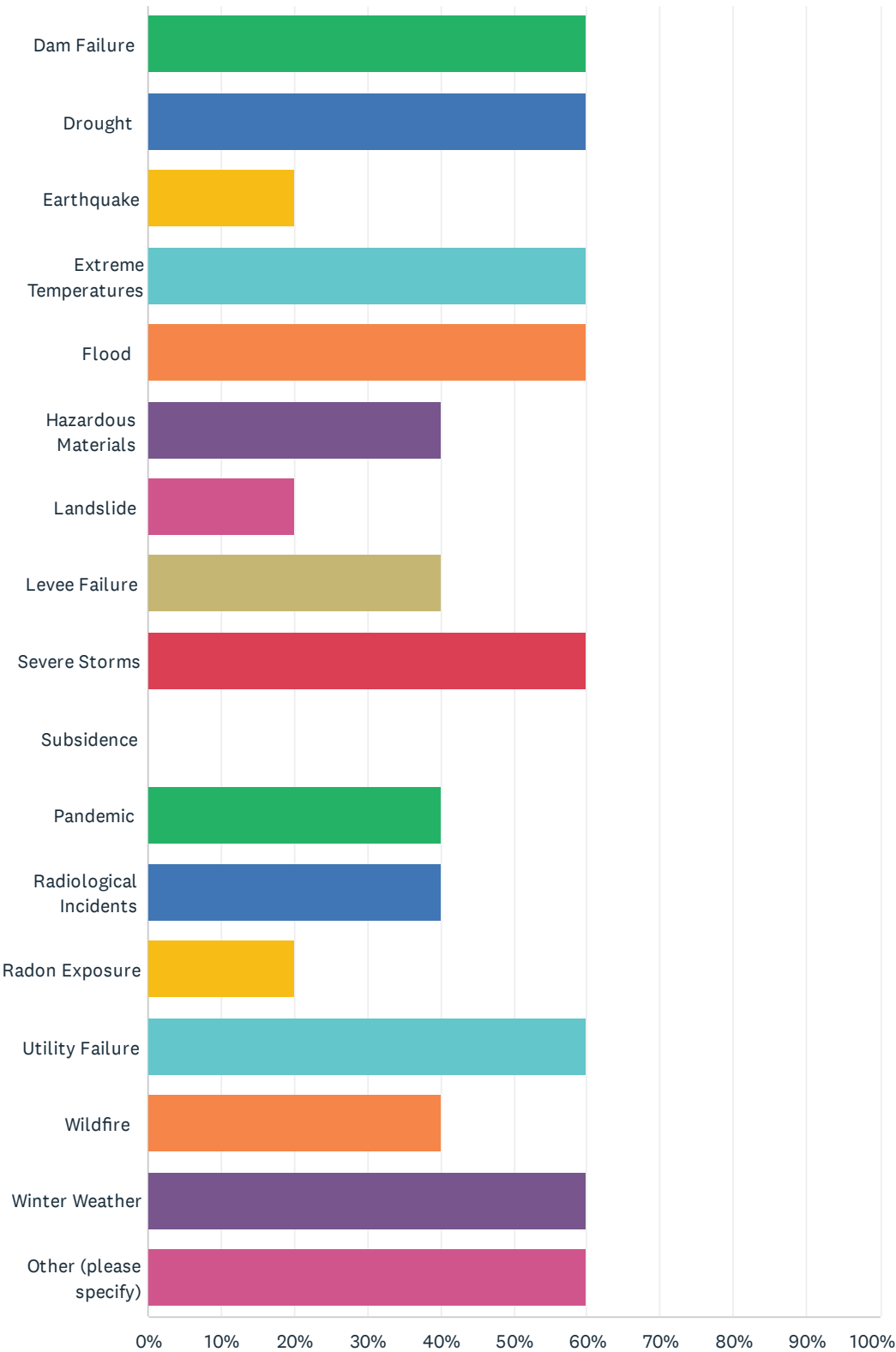
Q6 Additional Comments

Answered: 0 Skipped: 8

#	RESPONSES	DATE
	There are no responses.	

Q7 For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

Answered: 5 Skipped: 3



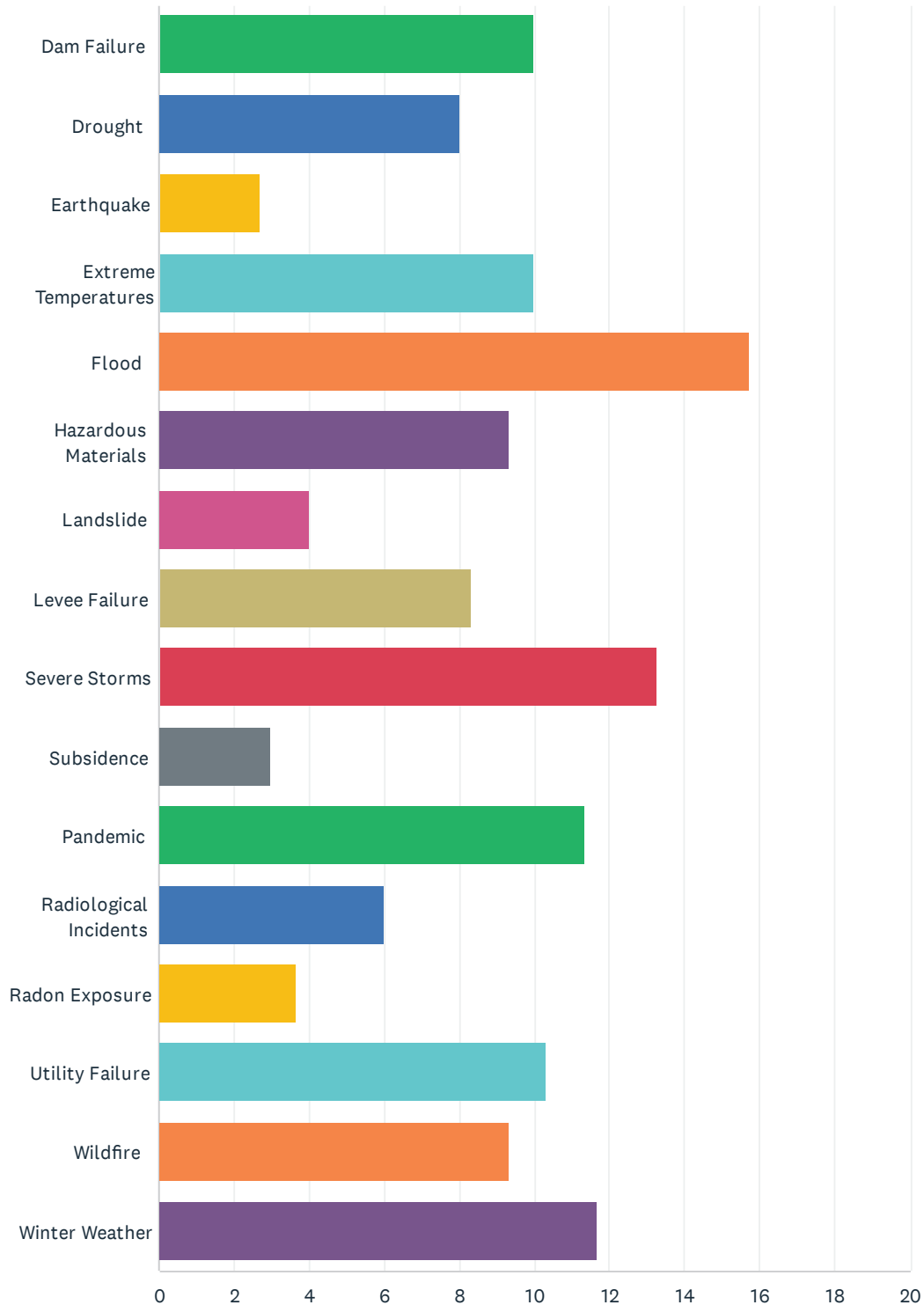
West Virginia State HMP - Stakeholder Surveys | State Departments/Agencies

ANSWER CHOICES	RESPONSES
Dam Fa u e	60.00% 3
D ought	60.00% 3
Ea thquake	20.00% 1
Ext eme Tempe atu es	60.00% 3
F ood	60.00% 3
Hazardous Mate ia s	40.00% 2
Lands de	20.00% 1
Levee Fa u e	40.00% 2
Severe Sto ms	60.00% 3
Subs dence	0.00% 0
Pandem c	40.00% 2
Rad olog ca Inc dents	40.00% 2
Radon Exposu e	20.00% 1
Ut ty Fai u e	60.00% 3
W df e	40.00% 2
W nter Weathe	60.00% 3
Othe (p ease spec fy)	60.00% 3
Tota Respondents: 5	

#	OTHER (PLEASE SPECIFY)	DATE
1	A the above as we a e cons de ed R sk Manage s fo the state	12/6/2022 1:44 PM
2	A haza ds as ead eme gency esponse agency	11/30/2022 8:38 AM
3	dea with ag icu tu e and an ma ssues	11/29/2022 1:18 PM

Q8 What are the hazards of greatest concern to your agency? Rank them from highest of concern (1) to least concern (16).

Answered: 4 Skipped: 4

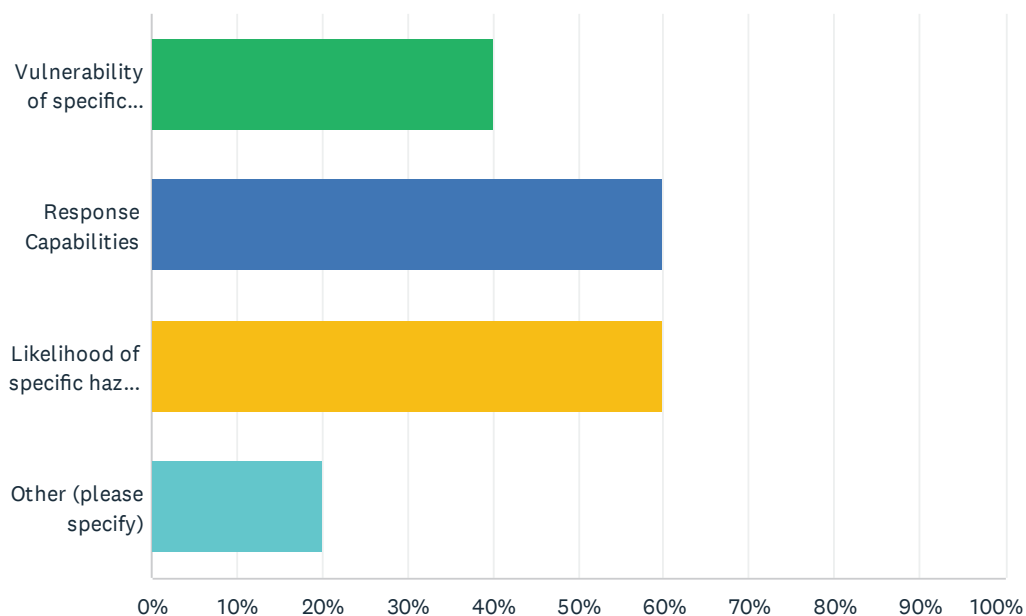


West Virginia State HMP - Stakeholder Surveys | State Departments/Agencies

	1	2	3	4	5	6	7	8	9	10	11
Dam Failure	0.00% 0	0.00% 0	33.33% 1	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Drought	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0
Earthquake	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Extreme Temperatures	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Flood	75.00% 3	25.00% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Hazardous Materials	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0
Landslide	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0
Levee Failure	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	66.67% 2
Severe Storms	0.00% 0	50.00% 2	0.00% 0	0.00% 0	25.00% 1	25.00% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Subsidence	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0
Pandemic	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0
Radiological Incidents	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	66.67% 2	0.00% 0
Radon Exposure	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1
Utility Failure	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	0.00% 0	33.33% 1	0.00% 0	33.33% 1	0.00% 0	0.00% 0
Wildfire	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	33.33% 1	0.00% 0	33.33% 1	33.33% 1	0.00% 0	0.00% 0
Winter Weather	0.00% 0	0.00% 0	0.00% 0	33.33% 1	33.33% 1	0.00% 0	33.33% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0

Q9 What are your agency's primary concerns regarding hazards?

Answered: 5 Skipped: 3



ANSWER CHOICES	RESPONSES	
Vulnerability of specific factors	40.00%	2
Response Capabilities	60.00%	3
Likelihood of specific hazard events	60.00%	3
Other (please specify)	20.00%	1
Total Respondents: 5		

#	OTHER (PLEASE SPECIFY)	DATE
1	All the above	12/6/2022 1:44 PM

Q10 What potential impacts [REDACTED] are most concerning to you?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	Significant change in the PMP	11/30/2022 1:56 PM
2	unpredictable impact on preparation.	11/30/2022 8:55 AM
3	impact on agricultural ops and animal production which impacts food supply and prices	11/29/2022 1:18 PM

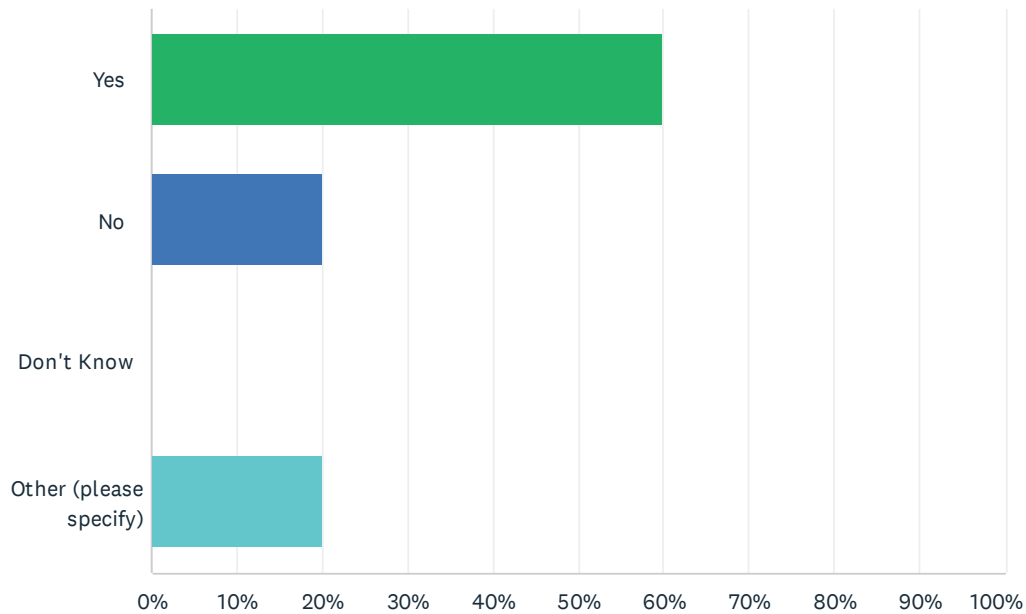
Q11 What challenges or barriers to reducing vulnerability in West Virginia do you see?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	Politics	11/30/2022 1:56 PM
2	Inertia. Making a plan is one thing. Getting the government and it's subsystems, business and the State's citizenry to buy in it is another thing altogether.	11/30/2022 8:55 AM
3	limited resources to deal with the issues. lack of coordinated private and government resources.	11/29/2022 1:18 PM

Q12 Does your agency own or lease facilities?

Answered: 5 Skipped: 3



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

#	OTHER (PLEASE SPECIFY)	DATE
1	Lease	12/6/2022 1:45 PM

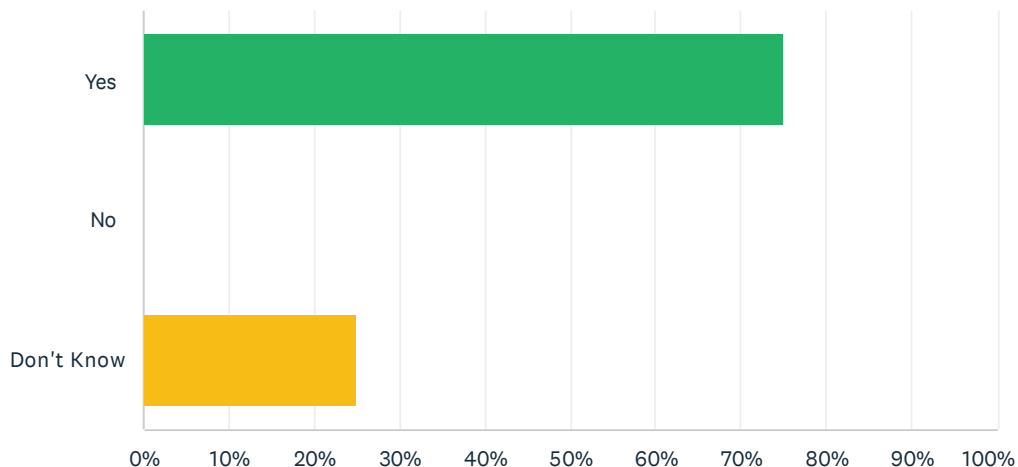
Q13 Of those facilities that your agency owns or leases, are any of the facilities viewed as critical facilities?

Answered: 4 Skipped: 4

#	RESPONSES	DATE
1	No, we can telework as needed if our building is not accessible	12/6/2022 1:45 PM
2	No. We could telework nicely.	11/30/2022 8:57 AM
3	I believe the SORN towers to be critical	11/30/2022 8:39 AM
4	yes. also privately owned and operated agriculture facilities.	11/29/2022 1:21 PM

Q14 Are the facilities your agency owns or leases susceptible to impacts from hazards?

Answered: 4 Skipped: 4

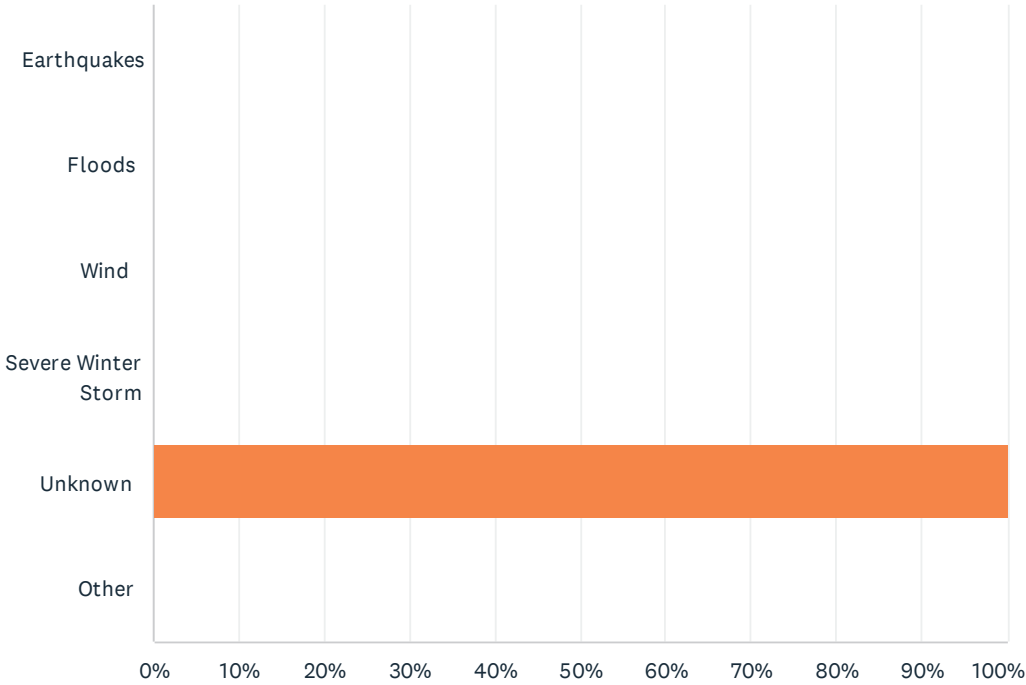


ANSWER CHOICES	RESPONSES
Yes	75.00% 3
No	0.00% 0
Don't Know	25.00% 1
TOTAL	4

#	IF YES, PLEASE INDICATE THE FACILITIES AND TYPES OF DAMAGES SUSTAINED.	DATE
1	Aircraft Accident	12/6/2022 1:45 PM
2	towers-wind, severe rain, snow, etc.	11/30/2022 8:39 AM

Q15 Regarding your agency's facilities, are those facilities designed to current building code standards and specifications to be resilient to:

Answered: 3 Skipped: 5



ANSWER CHOICES	RESPONSES	
Earthquakes	0.00%	0
Floods	0.00%	0
Wind	0.00%	0
Severe Winter Storm	0.00%	0
Unknown	100.00%	3
Other	0.00%	0
TOTAL		3

Q16 What support does your organization need from the State to reduce your vulnerability?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	Funding	11/30/2022 1:56 PM
2	First we need an inspection or records of an existing inspection to tell us where we stand.	11/30/2022 8:57 AM
3	coordinate government planning and resources with private agriculture production.	11/29/2022 1:21 PM

Q17 What capabilities (such as programs, staff expertise, and authorities) does your agency have to help address hazards?

Answered: 5 Skipped: 3

#	RESPONSES	DATE
1	We have contracts and resources for disaster recovery companies	12/6/2022 1:46 PM
2	Staff expertise	11/30/2022 1:58 PM
3	None	11/30/2022 8:57 AM
4	All (or most) employees have experience and specialized training to respond to all hazards	11/30/2022 8:40 AM
5	limited	11/29/2022 1:22 PM

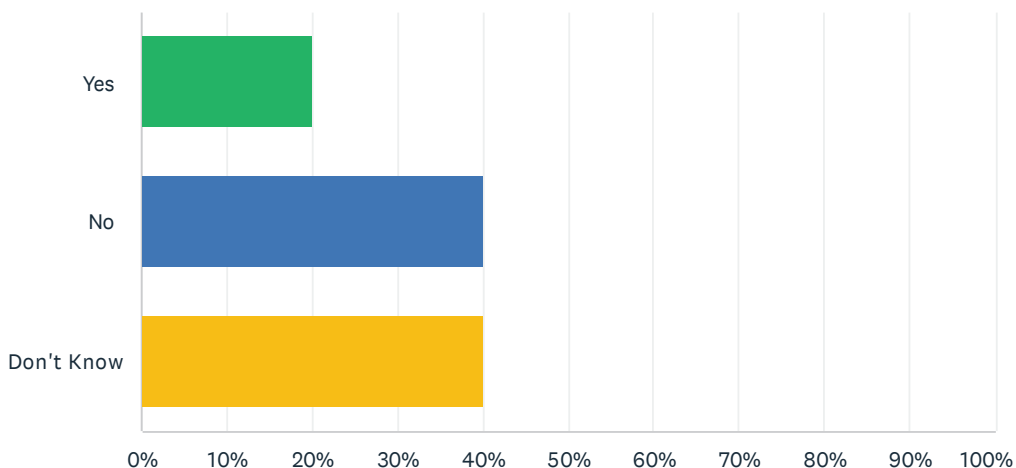
Q18 What plans or studies has your agency developed that relate to hazards, the climate, new or existing facilities, vulnerable populations, or other areas related to hazard mitigation?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	Debris Management Plan	11/30/2022 1:58 PM
2	None	11/30/2022 8:57 AM
3	have developed limited internal continuity of operations plans	11/29/2022 1:22 PM

Q19 Is your agency currently involved in conducting any studies or developing any programs which would further support the State's hazard mitigation program? Studies can include hazard specific information, data gathering which supports risk assessments, including economic data, or statistical data of other types.

Answered: 5 Skipped: 3



ANSWER CHOICES	RESPONSES
Yes	20.00% 1
No	40.00% 2
Don't Know	40.00% 2
TOTAL	5

#	IF YES, PLEASE BRIEFLY DESCRIBE THE TYPE OF STUDY UNDERWAY, AND LIST THE ANTICIPATED YEAR OF COMPLETION.	DATE
1	Update of the Food Protection Plan	11/30/2022 1:58 PM

Q20 When re-construction occurred as a result of the damages referenced above, were mitigation initiatives (for example: structural retrofits for geologic hazards or building elevation to reduce flood damage) included in the rebuilding of the facility?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	N/A	12/6/2022 1:48 PM
2	None	11/30/2022 8:59 AM
3	no	11/29/2022 1:24 PM

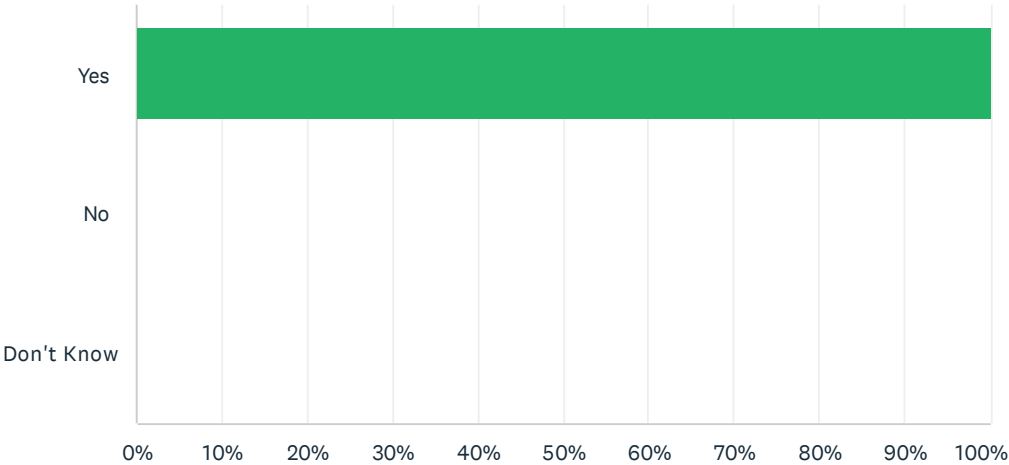
Q21 Does your agency currently have any mitigation projects or activities underway?

Answered: 3 Skipped: 5

#	RESPONSES	DATE
1	No	11/30/2022 1:58 PM
2	No	11/30/2022 8:59 AM
3	no	11/29/2022 1:24 PM

Q22 Has your agency taken or advocated actions to reduce the physical risk to hazards?

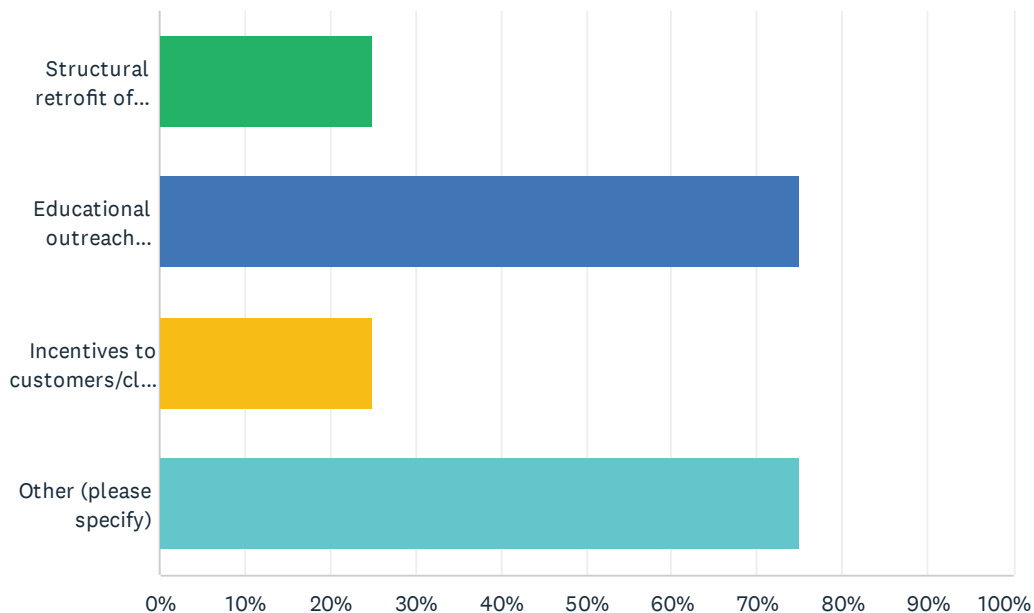
Answered: 4 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	100.00%	4
No	0.00%	0
Don't Know	0.00%	0
TOTAL		4

Q23 If you answered yes to the above question, indicate which initiatives below.

Answered: 4 Skipped: 4



ANSWER CHOICES	RESPONSES	
Structural retrofit of...	25.00%	1
Educational outreach...	75.00%	3
Incentives to customers/cl...	25.00%	1
Other (please specify)	75.00%	3
Total Respondents: 4		

#	OTHER (PLEASE SPECIFY)	DATE
1	Loss Control inspections	12/6/2022 1:48 PM
2	D. O. A. COOP strategies participation about 2007.	11/30/2022 8:59 AM
3	work with department employees and assist private industry when possible	11/29/2022 1:24 PM

Q24 Is your agency considered a critical or essential agency during disaster events?

Answered: 5 Skipped: 3

#	RESPONSES	DATE
1	Yes	12/6/2022 2:10 PM
2	theoretically	11/30/2022 2:01 PM
3	Quasi - On call to the State's Prosecutors, Judges and Law Enforcement.	11/30/2022 9:01 AM
4	Yes	11/30/2022 8:41 AM
5	yes	11/29/2022 1:26 PM

Q25 Does your agency have a Continuity of Operations Plan?

Answered: 5 Skipped: 3

#	RESPONSES	DATE
1	Yes	12/6/2022 2:10 PM
2	no	11/30/2022 2:01 PM
3	Yes	11/30/2022 9:01 AM
4	Yes	11/30/2022 8:41 AM
5	limited	11/29/2022 1:26 PM

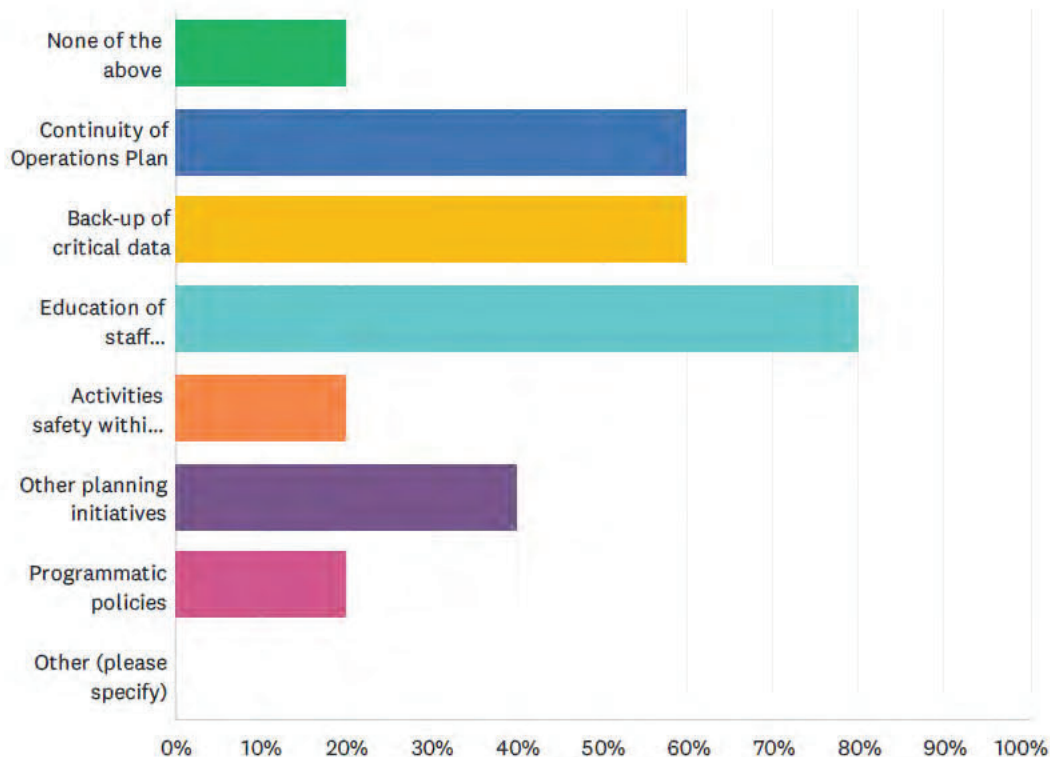
Q26 Does your agency have any type of emergency response plans in place?

Answered: 5 Skipped: 3

#	RESPONSES	DATE
1	Shelter in Place and Disaster Recovery	12/6/2022 2:10 PM
2	no	11/30/2022 2:01 PM
3	Yes	11/30/2022 9:01 AM
4	Yes	11/30/2022 8:41 AM
5	yes	11/29/2022 1:26 PM

Q27 As an agency, what actions within your agency have been initiated to reduce the general impact from disaster events and enhance recovery efforts for the State?

Answered: 5 Skipped: 3

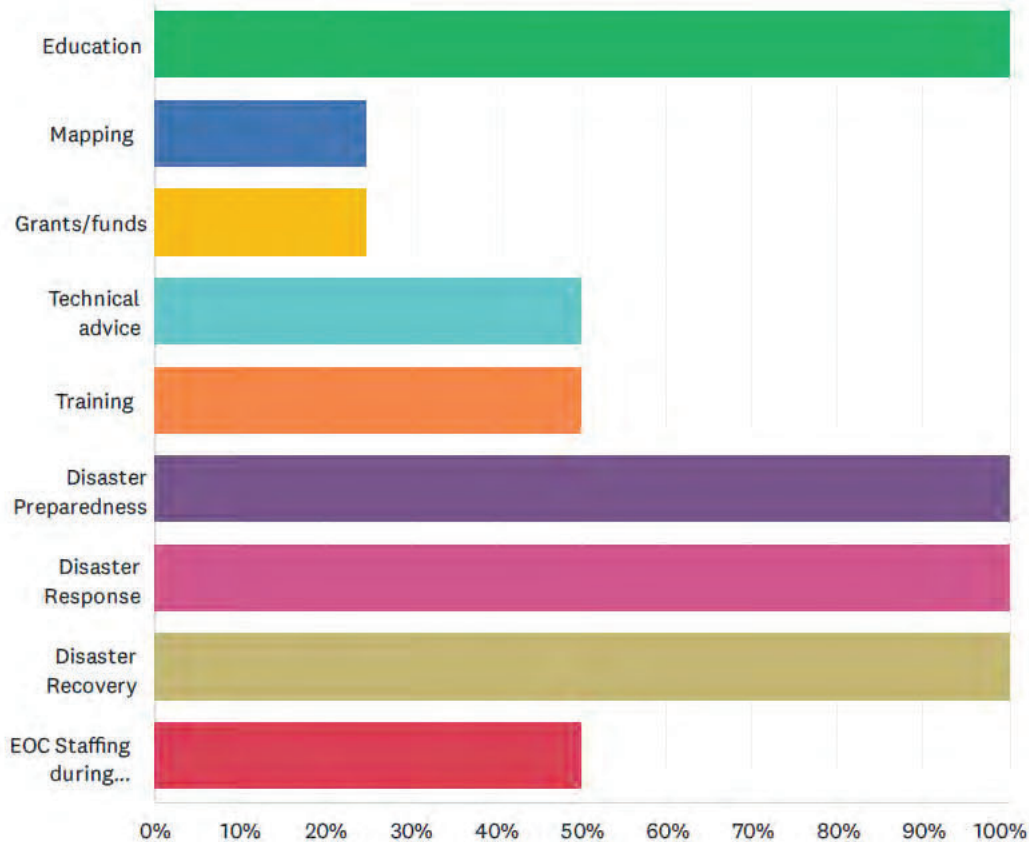


ANSWER CHOICES		RESPONSES	
None of the above		20.00%	1
Continuity of Operations Plan		60.00%	3
Back-up of critical data		60.00%	3
Education of staff concerning individual safety		80.00%	4
Activities safety within the workplace, e.g., skid mats to reduce sliding of computers during earthquakes; affixing age items to wall, etc.		20.00%	1
Other planning initiatives		40.00%	2
Programmatic policies		20.00%	1
Other (please specify)		0.00%	0
Total Respondents: 5			

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q28 Please select all of the mitigation activities for which your agency interacts with WV EMD or any other state agency, which supports mitigation or disaster preparedness, response, or recovery:

Answered: 4 Skipped: 4

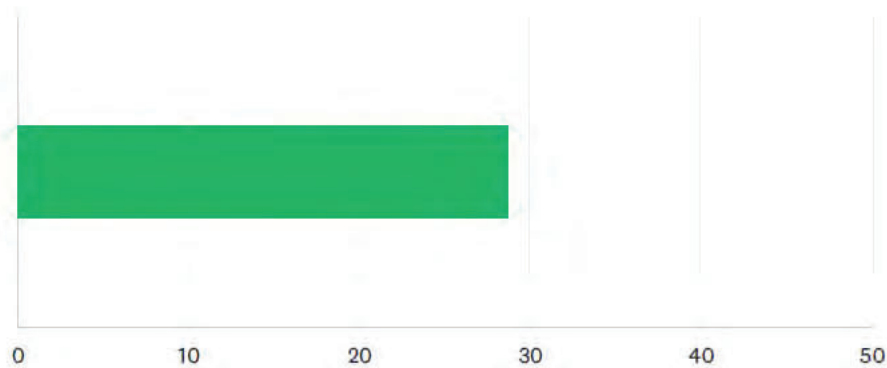


ANSWER CHOICES	RESPONSES	
Educational	100.00%	4
Mapping	25.00%	1
Grants/funds	25.00%	1
Technical advice	50.00%	2
Training	50.00%	2
Disaster Preparedness	100.00%	4
Disaster Response	100.00%	4
Disaster Recovery	100.00%	4
EOC Staffing during activations - which ESF?	50.00%	2
Total Respondents: 4		

#	EOC STAFFING DURING ACTIVATIONS - WHICH ESF?	DATE
1	All ESFs	11/30/2022 8:41 AM
2	lead agency for esf 11/agriculture	11/29/2022 1:26 PM

Q29 Please indicate how prepared you feel your state agency is with respect to the probable impacts of a disaster event, representing 1 as least prepared, and 5 as most prepared.

Answered: 5 Skipped: 3

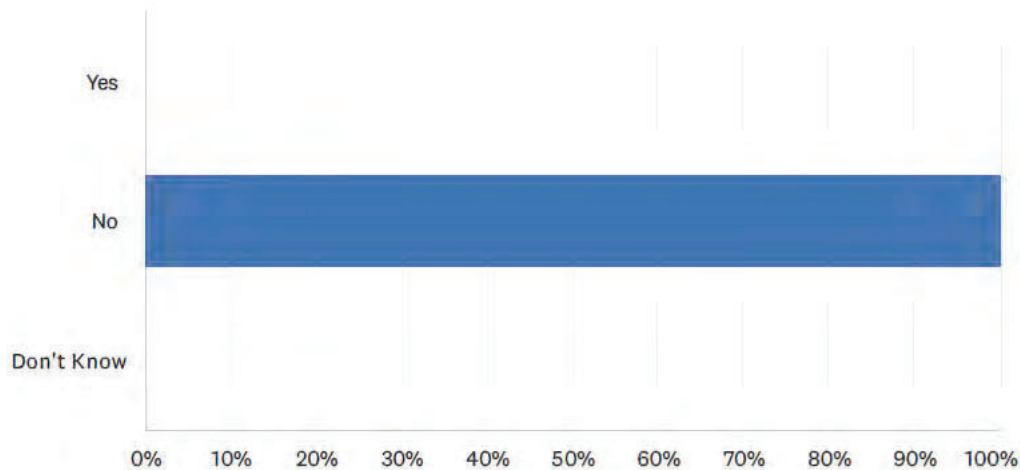


ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	29	144	5
Total Respondents: 5			

#		DATE
1	71	12/6/2022 2:10 PM
2	64	11/30/2022 2:01 PM
3	3	11/30/2022 9:01 AM
4	4	11/30/2022 8:41 AM
5	2	11/29/2022 1:26 PM

Q30 Does your agency have any jurisdictional responsibility at the local level (e.g., is your agency responsible for providing any services at the local level for enforcement of any policies/regulatory authority, programs, funding opportunities, etc.)?

Answered: 5 Skipped: 3



ANSWER CHOICES		RESPONSES	
Yes		0.00%	0
No		100.00%	5
Don't Know		0.00%	0
TOTAL			5

#	PLEASE EXPLAIN YOUR ANSWER.	DATE
	There are no responses.	

Q31 Does your agency have any responsibility for data gathering or maintenance of that data as it pertains to hazards of concern within the State of West Virginia (e.g., LiDAR, Facility Data, Historical Loss Data)?

Answered: 4 Skipped: 4

#	RESPONSES	DATE
1	No	12/6/2022 2:10 PM
2	no	11/30/2022 2:12 PM
3	No	11/30/2022 9:01 AM
4	yes regulate and oversee various types of agriculture and related industries. maintains lists contacting various information related to the same.	11/29/2022 1:29 PM

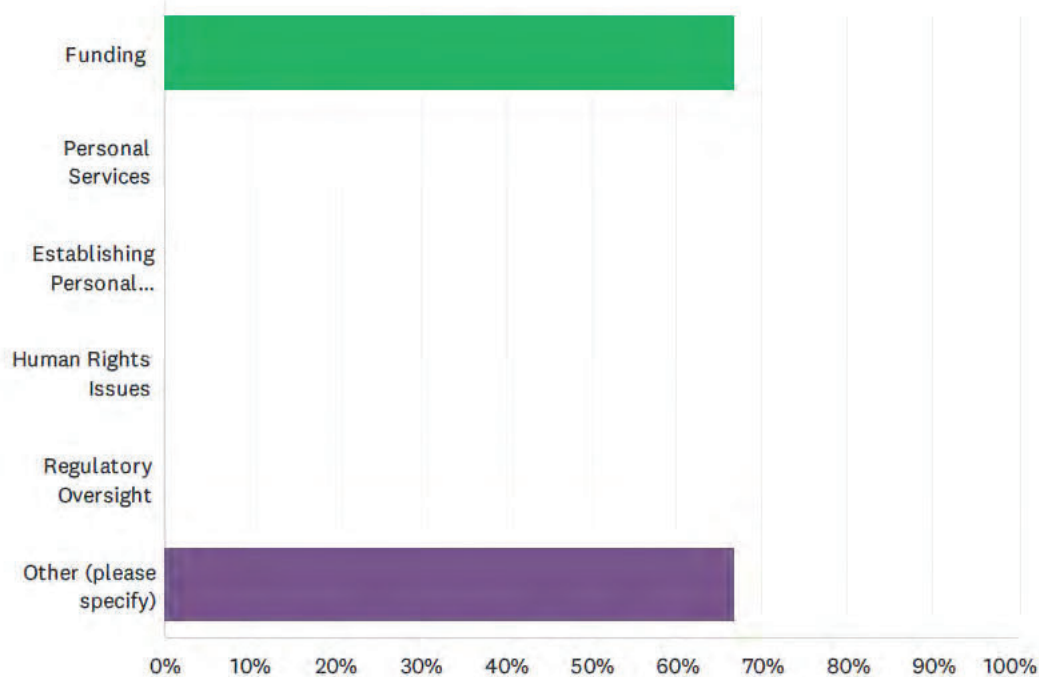
Q32 Does your agency provide assistance to any socially vulnerable populations throughout the State?

Answered: 5 Skipped: 3

#	RESPONSES	DATE
1	Insurance to many non profits	12/6/2022 2:11 PM
2	theoretically	11/30/2022 2:15 PM
3	No	11/30/2022 9:01 AM
4	No	11/30/2022 8:42 AM
5	yes	11/29/2022 1:30 PM

Q33 If yes, what types of services to you provide?

Answered: 3 Skipped: 5



ANSWER CHOICES	RESPONSES
Funding	66.67% 2
Personal Services	0.00% 0
Establishing Personal Services	0.00% 0
Human Rights Issues	0.00% 0
Regulatory Oversight	0.00% 0
Other (please specify)	66.67% 2
Total Respondents: 3	

#	OTHER (PLEASE SPECIFY)	DATE
1	Lab technology	12/6/2022 2:11 PM
2	no funding currently available	11/30/2022 2:15 PM

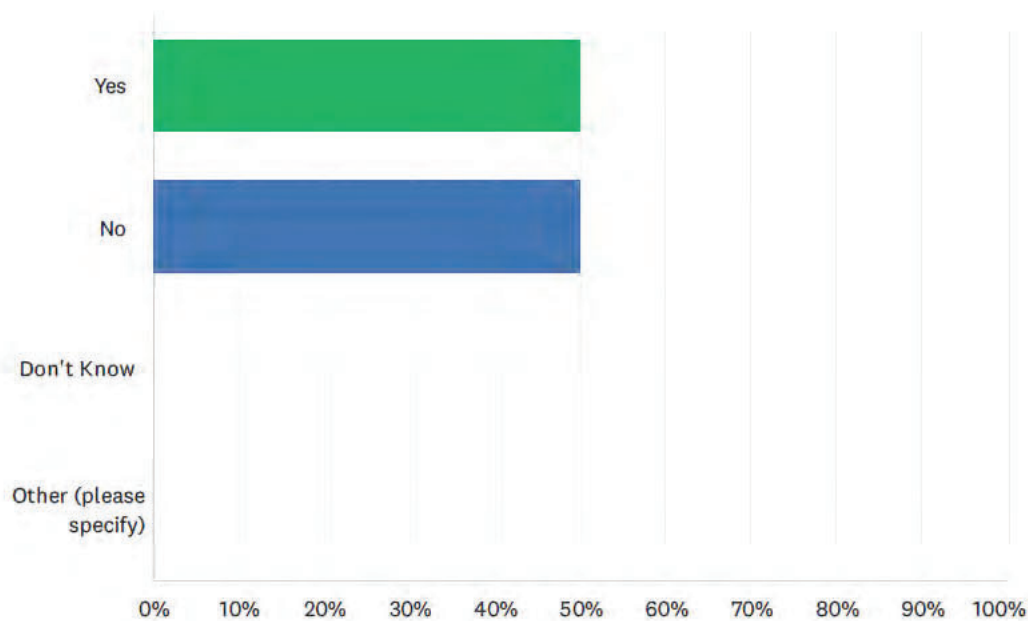
Q34 Please provide a list of the socially vulnerable populations served by your agency.

Answered: 2 Skipped: 6

#	RESPONSES	DATE
1	Various non profits for liability insurance	12/6/2022 2:11 PM
2	senior citizens via federal food credit card programs	11/29/2022 1:30 PM

Q35 Do you provide these services during times of disasters?

Answered: 2 Skipped: 6



ANSWER CHOICES	RESPONSES	
Yes	50.00%	1
No	50.00%	1
Don't Know	0.00%	0
Other (please specify)	0.00%	0
TOTAL		2

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q36 Additional comments

Answered: 0 Skipped: 8

#	RESPONSES	DATE
	There are no responses.	

Q37 What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? This may include but is not limited to access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.

Answered: 2 Skipped: 6

#	RESPONSES	DATE
1	Rural cultural norms	11/30/2022 2:16 PM
2	lack of access to regular and economical sources of food	11/29/2022 1:31 PM



INPUT AND FEEDBACK

Name/Title: Kelli Batch

Organization: WV EMD

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

DEP, Conservation, Commerce, PDCs, Floodplain mngs,
DOH, WVNG, Fire Commission - Kenneth Tyree,
Public Service Districts, USACE, UOAD

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|---|---|
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

Increased flooding in all areas of the state
& its affects on public infrastructure.
Lack of personnel to respond or recover



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

~~DER, Conservation, Commerce, PDES, DOT, WVNG~~
All of the above plus failing infrastructure & lack of
local funds to provide proper maintenance/upgrades.

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

Mostly acquisition projects that use the mitigated land for approved activities such as baseball field, camping ground. Generator projects that resulted in few/no power outages. VOAD bridges

What challenges or barriers to reducing vulnerability in West Virginia do you see?

Lack of education/awareness, funds (non-federal share)
Traditional views by community members / Culture
Trained staff retention

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

Outreach
Legislation changes

What mitigation capabilities has your organization/jurisdiction developed in the last five years?

TEIF/TEAL - LIDAR
Floodtool evolution
Technology improvements - Using EM Grants
Survey 123 PDA software



INPUT AND FEEDBACK

Other Notes

This was a good approach to use in starting the plan update. I think it helped clarify to others/stakeholders the purpose of the plan as well as the goals.



INPUT AND FEEDBACK

Name/Title: Jamie Bielinski Meteorologist in Charge

Organization: NOAA National Weather Service

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input checked="" type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

Fish & Wildlife

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Dam Failure - <u>Water/Emergency Notification</u> | <input type="checkbox"/> Landslide | <input checked="" type="checkbox"/> Radiological Incidents - <u>Modeling for releases</u> |
| <input checked="" type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input checked="" type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input checked="" type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input checked="" type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

Housing locations in WV & flooding
Crops & Wildlife



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

Lack of internet, utilities etc.
Roadways are falling apart
Can't keep new people in WV when there isn't much to use → Broadband, transportation

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

NA

Do you have any concerns about the schedule? If so, what are your concerns?

NA



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

Storm Ready & WRN Work
Lewis Co. WV Dam → Weston Flooded a lot
Prior to the Stonewall Jackson Dam

What challenges or barriers to reducing vulnerability in West Virginia do you see?

NA

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

NA

What mitigation capabilities has your organization/jurisdiction developed in the last five years?

NA



INPUT AND FEEDBACK

Other Notes

Very interesting meeting.



INPUT AND FEEDBACK

Name/Title: Ed Martin, Deputy Director
Organization: WV State Resiliency Office

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input checked="" type="checkbox"/> Land Use and Development |
| <input checked="" type="checkbox"/> Housing, Food, Water, Shelter | <input checked="" type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input checked="" type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

WV Conservation Agency & Districts
Division of Highways
DEP Dam Safety
NRCS
ACOE

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Dam Failure | <input checked="" type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input checked="" type="checkbox"/> Drought | <input checked="" type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input checked="" type="checkbox"/> Utility Failure |
| <input checked="" type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input checked="" type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input checked="" type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

High Hazard Dam Impacts → PMP, Spillway Design
Drought & Wildfire
Utility Failure → Extreme Temp Swings
Soil Loss
Crop Failure



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

Economic Decisions \Rightarrow i.e. short term losses
verses long range gains
This is cultural

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

What challenges or barriers to reducing vulnerability in West Virginia do you see?

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

What mitigation capabilities has your organization/jurisdiction developed in the last five years?



INPUT AND FEEDBACK

Other Notes

Please return these questionnaires at the end of the meeting.



INPUT AND FEEDBACK

Name/Title: Tim Keaton

Organization: WV EMD

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

VOAD, Health Dept, HUD, DEP, NRCS, Forestry, Regional P.D.C's.
WV DOT, Fire Marshall, National Guard

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Dam Failure | <input checked="" type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input checked="" type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input type="checkbox"/> Winter Weather |
| <input checked="" type="checkbox"/> Hazardous Materials <u>in Floodplains</u> | | |

What potential impacts from climate change are most concerning to you?

Flash Flooding & increase in Riverine flood heights.



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

BlueStone Dam
UOAD - Big Blue Bridge
Island Creek - Logan.

What challenges or barriers to reducing vulnerability in West Virginia do you see?

Keeping permit officers on the job, Training new permit officers the fill the empty seats.

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

Legislation - Real Estate Disclosure Laws.

What mitigation capabilities has your organization/jurisdiction developed in the last five years?



INPUT AND FEEDBACK

Other Notes

Good Job! 😊 lol.



INPUT AND FEEDBACK

Name/Title: Bob MARTIN

Organization: STATE RESILIENCY office

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

WVCA	DOH/DOT
NRCS	
DNR	
WMD.EST(WVNG)	

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Dam Failure | <input checked="" type="checkbox"/> Landslide | <input checked="" type="checkbox"/> Radiological Incidents |
| <input checked="" type="checkbox"/> Drought | <input checked="" type="checkbox"/> Levee Failure | <input checked="" type="checkbox"/> Radon Exposure |
| <input checked="" type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input checked="" type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input checked="" type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input checked="" type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

FLASH FLOODING (SMALL STREAM/HEAVY RAIN SHORT DURATION)



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

DISPERSED economically DISADVANTAGE COMMUNITIES
EDUCATION

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

What challenges or barriers to reducing vulnerability in West Virginia do you see?

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

What mitigation capabilities has your organization/jurisdiction developed in the last five years?



INPUT AND FEEDBACK

Other Notes

Please return these questionnaires at the end of the meeting.



INPUT AND FEEDBACK

Name/Title: DR. JASON MEANS - ASST. GRANT MANAGER

Organization: WV EMD

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

WV HYDROLOGY
DR. ZEGRE

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|---|---|
| <input type="checkbox"/> Dam Failure | <input checked="" type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

INCREASE OF DAMAGES TO PERSONAL PROPERTY AND INFRASTRUCTURE.



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

ELDERLY COMMUNITIES LACK ABILITY TO USE TECHNOLOGY.

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

REPRESENTATIVES OF COMMUNITY GROUPS.

Do you have any concerns about the schedule? If so, what are your concerns?

NONE.



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

N/A

What challenges or barriers to reducing vulnerability in West Virginia do you see?

LACK OF MATCH FUNDING.
ABILITY TO COMPETE FOR FUNDING.

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

STATE LEVEL FUNDING THAT IS SPECIFICALLY
BUDGETED FOR DISASTERS.

What mitigation capabilities has your organization/jurisdiction developed in the last five years?

N/A



INPUT AND FEEDBACK

Other Notes

Please return these questionnaires at the end of the meeting.



INPUT AND FEEDBACK

Name/Title: Ray Perry / Logan Co. Floodplain Admin. / Building Official
Organization: Logan Co. Commission

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input checked="" type="checkbox"/> Economic Development | <input checked="" type="checkbox"/> Land Use and Development |
| <input checked="" type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input checked="" type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

WV State Fire Marshal WVU Landuse Clinic
Army Corp. of Engineers
Dept. of Highways
DEP

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|---|---|
| <input type="checkbox"/> Dam Failure | <input checked="" type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input checked="" type="checkbox"/> Severe Storms | <input checked="" type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input checked="" type="checkbox"/> Subsidence | <input checked="" type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Flood | <input checked="" type="checkbox"/> Pandemic | <input checked="" type="checkbox"/> Winter Weather |
| <input checked="" type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

Security of local weather.



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

Updated state laws with more stringent penalties.

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?

NO CONCERNS



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

Flood reductions through mitigation.

What challenges or barriers to reducing vulnerability in West Virginia do you see?

Change in mentality that has existed for centuries.

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

Better laws.

What mitigation capabilities has your organization/jurisdiction developed in the last five years?



INPUT AND FEEDBACK

Other Notes



INPUT AND FEEDBACK

Name/Title: Timothy Priority DIRECTOR

Organization: CENTER FOR THREAT PREPAREDNESS

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input checked="" type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|--|--|
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Landslide | <input checked="" type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input checked="" type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Flood | <input checked="" type="checkbox"/> Pandemic | <input type="checkbox"/> Winter Weather |
| <input checked="" type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

FLOODING



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

FUNDING + LEGISLATION

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

DEP

Do you have any concerns about the schedule? If so, what are your concerns?

No



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

COVID -

USING MAPPING TOOLS MADE AVAILABLE TO THE PUBLIC
HELPED IDENTIFY PROBLEM AREAS OF THE STATE (HIGH R VALUAS,
LACK OF TESTING/ PARTICIPATION) AND ALLOWED RAPID INTERVENTION

What challenges or barriers to reducing vulnerability in West Virginia do you see?

PARTICIPATION.

PEOPLE NEED TO BE PROACTIVE -VS- REACTIVE.

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

What mitigation capabilities has your organization/jurisdiction developed in the last five years?

ALL COVID FOCUSED



INPUT AND FEEDBACK

Other Notes

Please return these questionnaires at the end of the meeting.



INPUT AND FEEDBACK

Name/Title:

Nuvia Velkernizer

Organization:

WVETED

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- ☒ Emergency Management
- ☐ Economic Development
- ☐ Housing, Food, Water, Shelter
- ☐ Health and Social Services
- ☐ Infrastructure

- ☐ Natural and Cultural Resources
- ☐ Land Use and Development
- ☐ Climate Change
- ☐ Social and Cultural Equity

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

DEP → DEPARTMENT OF ENVIRONMENTAL PROTECTION.

~~BUSINESS~~

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- ☒ Dam Failure
- ☒ Drought
- ☒ Earthquake
- ☒ Extreme Temperatures
- ☒ Flood
- ☒ Hazardous Materials

- ☒ Landslide
- ☒ Levee Failure
- ☒ Severe Storms
- ☒ Subsidence
- ☒ Pandemic

- ☒ Radiological Incidents
- ☒ Radon Exposure
- ☒ Utility Failure
- ☒ Wildfire
- ☒ Winter Weather

EDUCATE WV. TO KNOW WHAT TO DO WHEN THEY ARE OUT THERE!

What potential impacts from climate change are most concerning to you?



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

• EDUCATION

• SEVI

• STATE WIDE BUILDING CODE

• COMMUNICATION

• OUTREACH METHODS

FRONTIER
NARROW

Regulatory barriers
barriers.

→ competition

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?

NONE!



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

Review the current execution plan
and ask for how much money
the government has spent.

What challenges or barriers to reducing vulnerability in West Virginia do you see?

- Enter Portfolio
DIVERSITY. = EQUITY
- FUNDING!
- Duties at
Regional Councils!
- Communication
- Notification
media

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

- Stream groups → water shales
- CSR. 12
- EDUCATION
miss conception and permission
- I'd
hard
to do it.

What mitigation capabilities has your organization/jurisdiction developed in the last five years?

- New offices and mission → state Code
- Training → Employee → internally
- Technology → organization
- The People Inland
- COVID PANDEMIC →

Please return these questionnaires at the end of the meeting.

TEC-Work

FORCE

"

DATA Driven

DECISION MAKER



INPUT AND FEEDBACK

Other Notes

- Harmonize processes between agencies to reduce efforts and optimize the use of people's money
- TELEWORK FORCE is an asset for the government. It is a variable to ~~to~~ secure that the government keep running during difficult times.
- SIRM → is a great government asset ~~to~~ to keep ~~communities~~ running.

SIRM = State interoperable Radio Network?

Please return these questionnaires at the end of the meeting.

Done!



INPUT AND FEEDBACK

Name/Title: _____

Organization: _____

Which of the following sectors and areas of expertise do you represent? Mark all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Emergency Management | <input type="checkbox"/> Natural and Cultural Resources |
| <input type="checkbox"/> Economic Development | <input type="checkbox"/> Land Use and Development |
| <input type="checkbox"/> Housing, Food, Water, Shelter | <input type="checkbox"/> Climate Change |
| <input type="checkbox"/> Health and Social Services | <input type="checkbox"/> Social and Cultural Equity |
| <input type="checkbox"/> Infrastructure | |

What officials and/or organizations are not in the room today, but should be involved in this planning effort?

DEP	NRCS	VOAD
DOH/DOH	USACE	WVDA
WVCA	WONG-CST	Forestry
DNR	Fire Marshal/Hospital Ass.	

For which hazard(s) do you feel that you or your organization have special interest and/or expertise? Check all that apply.

- | | | |
|---|--|---|
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Landslide | <input type="checkbox"/> Radiological Incidents |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Levee Failure | <input type="checkbox"/> Radon Exposure |
| <input type="checkbox"/> Earthquake | <input type="checkbox"/> Severe Storms | <input type="checkbox"/> Utility Failure |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Subsidence | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Flood | <input type="checkbox"/> Pandemic | <input type="checkbox"/> Winter Weather |
| <input type="checkbox"/> Hazardous Materials | | |

What potential impacts from climate change are most concerning to you?

Link between increasing temps and more rain - flashflooding (fluvial) vs. riverine
Dredging often requested



INPUT AND FEEDBACK

What barriers and community characteristics exist within the State that may create additional vulnerabilities to hazards? Examples: transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural vs. urban communities.

What stakeholders need to be involved who may not have the ability to provide their input electronically? How are they usually involved in planning efforts?

Do you have any concerns about the schedule? If so, what are your concerns?

Just need to align w/ development of State EOP



INPUT AND FEEDBACK

What are the mitigation "success stories" in West Virginia, or in your organization in particular?

What challenges or barriers to reducing vulnerability in West Virginia do you see?

Some people tune out when you talk about climate change. They will disagree about cause. The concern is the consequence.

What support does your organization/jurisdiction need from the State to reduce your vulnerability?

What mitigation capabilities has your organization/jurisdiction developed in the last five years?



INPUT AND FEEDBACK

Other Notes

Please return these questionnaires at the end of the meeting.

From: [Tate, JaLeesa](#)
To: [Harouff, Steven E](#); [Jones, Jeremy C](#)
Cc: [Gabriel A Reed](#); [Subbio, Tony](#)
Subject: RE: Wildfire Data for WV SHMP
Date: Friday, January 13, 2023 9:23:05 AM

Good morning,

Thank you both! We have been working through the data and integrating it into the SHMP. There are great statistics in there that really aid in demonstrating actual wildfire risk in the State.

We will certainly reach out if we identify additional maps for development.

Thanks,

JaLeesa

JaLeesa Tate, CFM | Senior Community Resilience Professional | Tetra Tech

Direct +1 (302) 283-2231 | jaleesa.tate@tetrattech.com

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From: Harouff, Steven E <steven.e.harouff@wv.gov>
Sent: Thursday, January 12, 2023 5:48 AM
To: Jones, Jeremy C <jeremy.c.jones@wv.gov>
Cc: Tate, JaLeesa <JALEESA.TATE@tetrattech.com>; Gabriel A Reed <gabriel.a.reed@wv.gov>; Subbio, Tony <Tony.Subbio@tetrattech.com>
Subject: Re: Wildfire Data for WV SHMP

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Hi JaLeesa,

Please don't hesitate contacting me if you or any other members of your project team need any further assistance or data for your project.

Steve

~~~~~

**Steve Harouff, GIS Manager**

**West Virginia Division of Forestry**

Mont Chateau Research Center

1 Mont Chateau Road

Morgantown, WV 26508-8079

Phone: (304) 594-2331

Fax: (304) 594-2575

[Steven.E.Harouff@WV.gov](mailto:Steven.E.Harouff@WV.gov)



On Tue, Jan 10, 2023 at 8:29 AM Jones, Jeremy C <[jeremy.c.jones@wv.gov](mailto:jeremy.c.jones@wv.gov)> wrote:

JaLeesa,

The attached spreadsheet is our fire data from Spring 2011-Spring 2022. We are still working on entering fire reports for fall 2022. I know this data is very raw and may not make sense to someone not used to looking at it so if you have any questions please just let me know. I also know it has a lot of data that may not be useful for the plan.

I have included our GIS Specialist Steve Harouff in my reply so that you would have his email address. He may have some cleaner fire data and some maps that may be more useful for the plan. Please just let us know what you may be looking for and we will try to help in any way possible.

Thanks,

Jeremy Jones

*Jeremy C. Jones*

Assistant State Forester-Fire  
State Fire Supervisor  
West Virginia Division of Forestry  
7 Players Club Drive  
Charleston, WV 25311  
Office: 304-352-4877  
Cell: 304-552-4221

Fax: 304-558-0143

On Mon, Jan 9, 2023 at 10:54 AM Tate, JaLeesa <[JALEESA.TATE@tetratech.com](mailto:JALEESA.TATE@tetratech.com)> wrote:

Good morning Jeremy,

It was great meeting you last week at the Risk Assessment meeting for the 2023 West Virginia State Hazard Mitigation Plan. During the meeting you mentioned a few resources you wanted to share regarding databases that will be helpful for assessing wildlife. Feel free to send those over. I have cc'ed Gabe and the Tetra Tech Project Manager so they will receive it as well.

Thanks,

JaLeesa

**JaLeesa Tate, CFM** | Senior Community Resilience Professional

Direct +1 (302) 283-2231 | [jaleesa.tate@tetratech.com](mailto:jaleesa.tate@tetratech.com)

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From: [Tate, JaLeesa](#)  
To: [doug.goolsby@wv.gov](mailto:doug.goolsby@wv.gov)  
Cc: [Subbio, Tony](#); [Gabriel A Reed](#)  
Subject: WV State Hazard Mitigation Plan Update - Social Vulnerability  
Date: Tuesday, December 20, 2022 1:14:53 PM

---

Good afternoon Director Goolsby,

My name is JaLeesa Tate and I am providing technical support to the WV Emergency Management Division to update the State's [Hazard Mitigation Plan](#). Gabe Reed from WVEMD recommended I reach out to you regarding recent impacts your county has experienced and impacts to socially vulnerable communities.

As we implement the planning process for the State, a critical component is assessing impacts hazards have on socially vulnerable communities. Understanding that disasters have disproportionate impacts to vulnerable populations, we want to ensure that we identify specific barriers and challenges in West Virginia that may increase these disparities.

It would be great to connect with you and learn more about what you have experienced in the communities you have worked in. If you are interested and available, please let me know if you have availability over the course of the next few weeks to discuss further.

We look forward to engaging you and this project and please let me know if I can provide additional information.

Sincerely,

JaLeesa

**JaLeesa Tate, CFM** | Senior Community Resilience Professional


Direct +1 (302) 283-2231 | [jaleesa.tate@tetrattech.com](mailto:jaleesa.tate@tetrattech.com)

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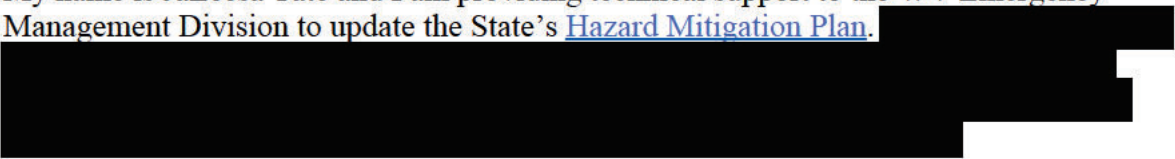
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Good morning Dr. Law,

My name is JaLeesa Tate and I am providing technical support to the WV Emergency Management Division to update the State's [Hazard Mitigation Plan](#).



Would you have availability over the next few weeks or be able to direct us to any resource documents we can integrate into the plan?

Thanks,

JaLeesa

**JaLeesa Tate, CFM** | Senior Community Resilience Professional

Direct +1 (302) 283-2231 | [jaleesa.tate@tetratech.com](mailto:jaleesa.tate@tetratech.com)

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## Subbio, Tony

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**From:** Reed, Gabriel A <gabriel.a.reed@wv.gov>  
**Sent:** Monday, June 5, 2023 12:49 PM  
**To:** Rosier, Stephanie A; bobby.l.cales@wv.gov; jennifer.l.ferrell@wv.gov; GEidel@doddridgecountywv.gov; jacob.h.wolfe@wv.gov; jlyons@wvca.us; brett.w.mcmillion@wv.gov; aaron.p.tonkery@wv.gov; john.s.mcgrath@wv.gov; jennygannaway@wvoad.org; Scott Hicks; Shane Whitehair; Dionne Allen; Jeffery Harvey; Amberlea M Perks; David K Hoge; Jason S Means; Tammy M Sneed; Luke Peters; awiethe@belomar.org; Joel Davis; Hansen Jr, Thomas; Amanda Smarr; Zucker, Michelle (Meesh); Whitaker, Al; Amy D Clark; James; Rhonda Howell; Combs, JoAnn D CIV USARMY CELRH (USA); Jeffery D Perry; Jason Roberts; Bruce Mullins; Ginger SC Barnett; brian.farkas@fema.dhs.gov; cdent@regioneight.org; Matthew J Blackwood; Kathy Elliott; Steve Allen; Lonnie R Bryson; John Tuggle; James A Domingo; Sherry L Risk; Tim W Keaton; Kelsey Harrah; Michael Paprocki; Brad P Hartley; Natalie Hamilton; Chris Chiles; Kim Odle; Sheena Hunt; h.tony.edwards@wv.gov; Xzavier M Morgan; Melissa O'Brien; Terry Lively; GE McCabe; Rachel Snaveley; Dale E Hatfield; administrator@grantcountywv.org; alanmiles@roanokecountyva.gov; anickerson@brookecountyma.com; Annette; Archie Griffith; Bennie Cogar; bgunnoe52@gmail.com; bjwillis@wayne911.com; bkelly@pocahontasemergency.com; bmalcolm@hampshirewv.com; Braxton County OES Director John Hoffman; calhounmaps@yahoo.com; cbrandon@barbourcountywv.org; chief10fdm@gmail.com; Chris McIntire; Chris Thorn; Cody Fortner; Cody Fortner; CWSigman; Danny Greenleaf; darmstrong@kanawha.us; Dean Meadows; Dean Meadows; Denzil.lynch@yahoo.com; dharper@barbourcountywv.org; Dick Myers; dknotts@marioncountywv.com; doddcoasstfpm@gmail.com; Doug Goolsby; E Squires; Erin Timbrook; esdeputydirector@mineralwv.org; francis.holton@e911.org; George Eidel; Gordon Merry III; Hardy; hsperringer@mecca911.org; James Smith; James Wolford; jcooper@wayne911.com; jhoover@morgancountywv.gov; jimwhite801@yahoo.com; jluck@brookecountyma.com; John Zilinski; John Zilinski; Jones, Chad; JustinJustin Wolfe (jwolfe@preston911.com); jwenneroem@gmail.com; Keith Gunnoe; Kevin Walker; knight914@frontiernet.net; kwhite@tuckeroem.org; Lewis OEM; Lincoln; Logan; Lou Vargo; Luke McKinzie; lvtac@hotmail.com; mgilbert@roannewvema.org; Michael Mayhorn; Mike Honaker; Mike Shook; Mikyle White; mobrien@pocahontasemergency.com; Montana B. Boggess; Patrick A Gray; Paula Brown; Pegi Bailey; Preston OEM & 911; Pvfdemt17@yahoo.com; Randy Lilly; rbeltner@aol.com; Richard.rose@websterwv911-oes.com; Rick Stout; rmiller@monroecountywv.net; Robert K Bowman; rwoodyard@woodcountywv.com; sfox@randolphctywv.org; sporter@logancountyva.gov; Stacy King; Steve Byus; Steve Lipscomb; steve.murray@ccems.org; syoho@wetzelswv.com; t\_aappliance@yahoo.com; tara.kodak@wycowv.com; Teresa VanDyke; TJ Crowder; tjcooper@frontier.com; Tom Hart; Tracey White; trperry@upshurcounty.org; Walter Smittle; wvfireman@frontier.com; zbailey@roannewvema.org  
**Cc:** Subbio, Tony; Tate, JaLeesa  
**Subject:** WVHMP "Complete" Draft Plan for Review Link

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Dear Hazard Mitigation Planning Partners,

Thank you all for your participation in the planning process to update the State of West Virginia Hazard Mitigation Plan (SHMP). The body of the draft plan is complete and available for your review on the project website: <https://www.westvirginiashmp.com/>.

You can access the sections of the draft plan by clicking on the “Draft Plan” link in the center of the home page or by clicking the “The Draft WV HMP” menu at the top. Here is where you will find each section of the plan:

- Section 1: Introduction – on the Draft Plan page
- Section 2: State of West Virginia Profile – hover over the “The Draft WV HMP” and choose “About the State.”
- Section 3: Planning Process – hover over the “The Draft WV HMP” and choose “Planning Process.”
- Section 4: Risk Assessment – hover over the “The Draft WV HMP” and choose “Hazard Identification and Risk Assessment.”
- Section 5: Hazard Overview and the 16 hazard profile - hover over the “The Draft WV HMP” and choose “Hazard Identification and Risk Assessment,” then choose “Hazard Profiles.”
- Capabilities – hover over the “The Draft WV HMP” and choose “Capabilities and Coordination” to view these three sections:
  - Section 6: State Mitigation Capabilities
  - Section 7: Local Capability Assessment
  - Section 8: Local Government Planning Coordination
- Mitigation Strategy – hover over the “The Draft WV HMP” and choose “Mitigation Strategy.” Then follow the links on that page to get to these three sections:
  - Section 9: Progress on Previous Plan
  - Section 10: Goals for Hazard Mitigation
  - Section 11: Mitigation Actions
- If you hover over the “The Draft WV HMP” and choose “Putting the Plan into Action,” you will be able to review these two sections:
  - Section 12: Adoption
  - Section 13: Review, Evaluation, and Implementation

As you will see on the Draft Plan page, we request that you send all comments in a Word document to Stephanie Rosier at [stephanie.a.rosier@wv.gov](mailto:stephanie.a.rosier@wv.gov). We will also accept comments at the webinar on the morning of June 16, 2023. A separate calendar appointment for that webinar was sent out.

Thank you for your support, and we look forward to hearing your feedback on the draft SHMP. Please contact me if you have any questions.

\*\*\*\*\*

On Wed, May 31, 2023 at 8:56 AM Rosier, Stephanie A <[stephanie.a.rosier@wv.gov](mailto:stephanie.a.rosier@wv.gov)> wrote:

Good morning!

Please review the two new sections and send me any comments or revisions by June 2, 2023.

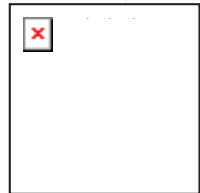
Thank you!



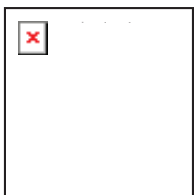
Steph

--

**Stephanie Rosier**  
**WV State Hazard Mitigation Planner**  
**WV Office of Emergency Management**  
**2403 Fairlawn Ave.**  
**Dunbar, WV 25064**



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***Gabriel A. Reed, MBA, BSBA***

Homeland Security Grant Manager  
"State Hazard Mitigation Officer"

WV Emergency Management Division

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