

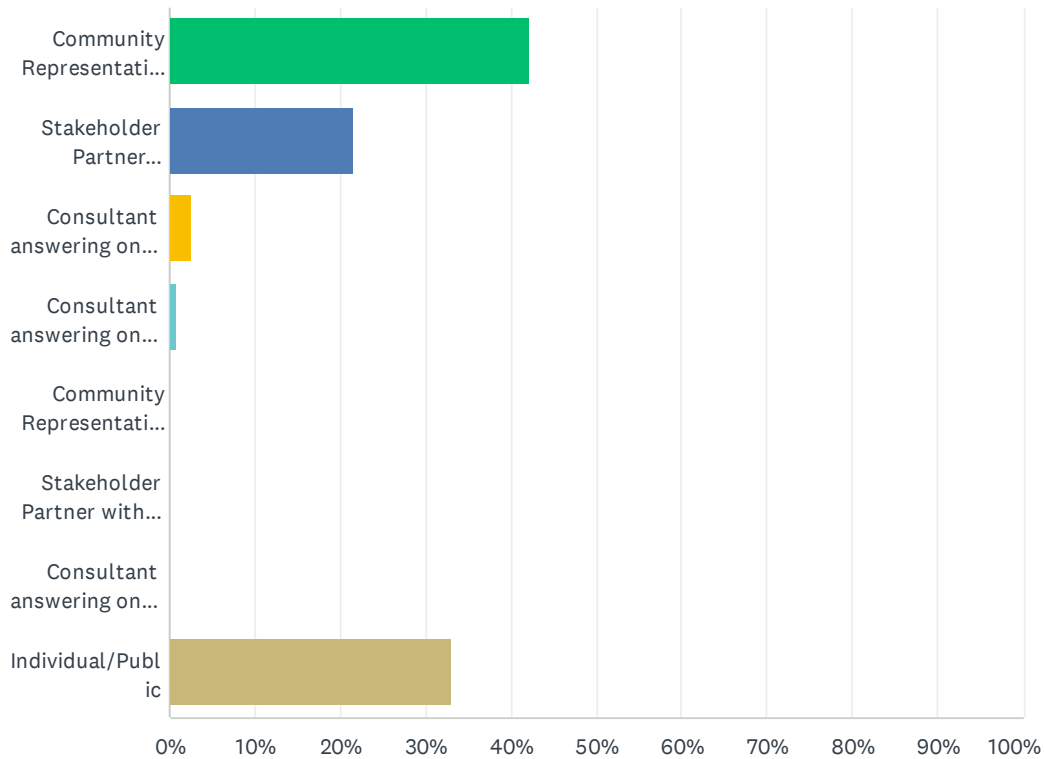
Appendix 10B

Survey Results

Note: Q1 responses (containing names, phone numbers, and email addresses of respondents) omitted for privacy

Q2 Are you responding to the survey as a Community Representative, as a Stakeholder Partner, as a Consultant answering on behalf of a Community/Stakeholder Partner, or as an individual member of the Public?

Answered: 121 Skipped: 0



ANSWER CHOICES	RESPONSES	
Community Representative including County Government or Municipal Government	42.15%	51
Stakeholder Partner including River Authorities, Flood Districts, Water Districts, Groundwater Districts, Irrigation Districts, Levee Districts, Dam Owners, Water Utilities, Electric Generating Utilities, or other interest groups (Small Business, Agricultural, Environmental, Industries, etc.)	21.49%	26
Consultant answering on behalf of a Community	2.48%	3
Consultant answering on behalf of a Stakeholder Partner	0.83%	1
Community Representative without Flood Responsibilities, including County Government or Municipal Government	0.00%	0
Stakeholder Partner without Flood Responsibilities, including River Authorities, Flood Districts, Water Districts, Groundwater Districts, Irrigation Districts, Levee Districts, Dam Owners, Water Utilities, Electric Generating Utilities, or other interest groups (Small Business, Agricultural, Environmental, Industries, etc.)	0.00%	0
Consultant answering on behalf of a Stakeholder Partner	0.00%	0
Individual/Public	33.06%	40
TOTAL		121

Note: Q3 responses have been partially redacted to omit phone numbers and email addresses for privacy

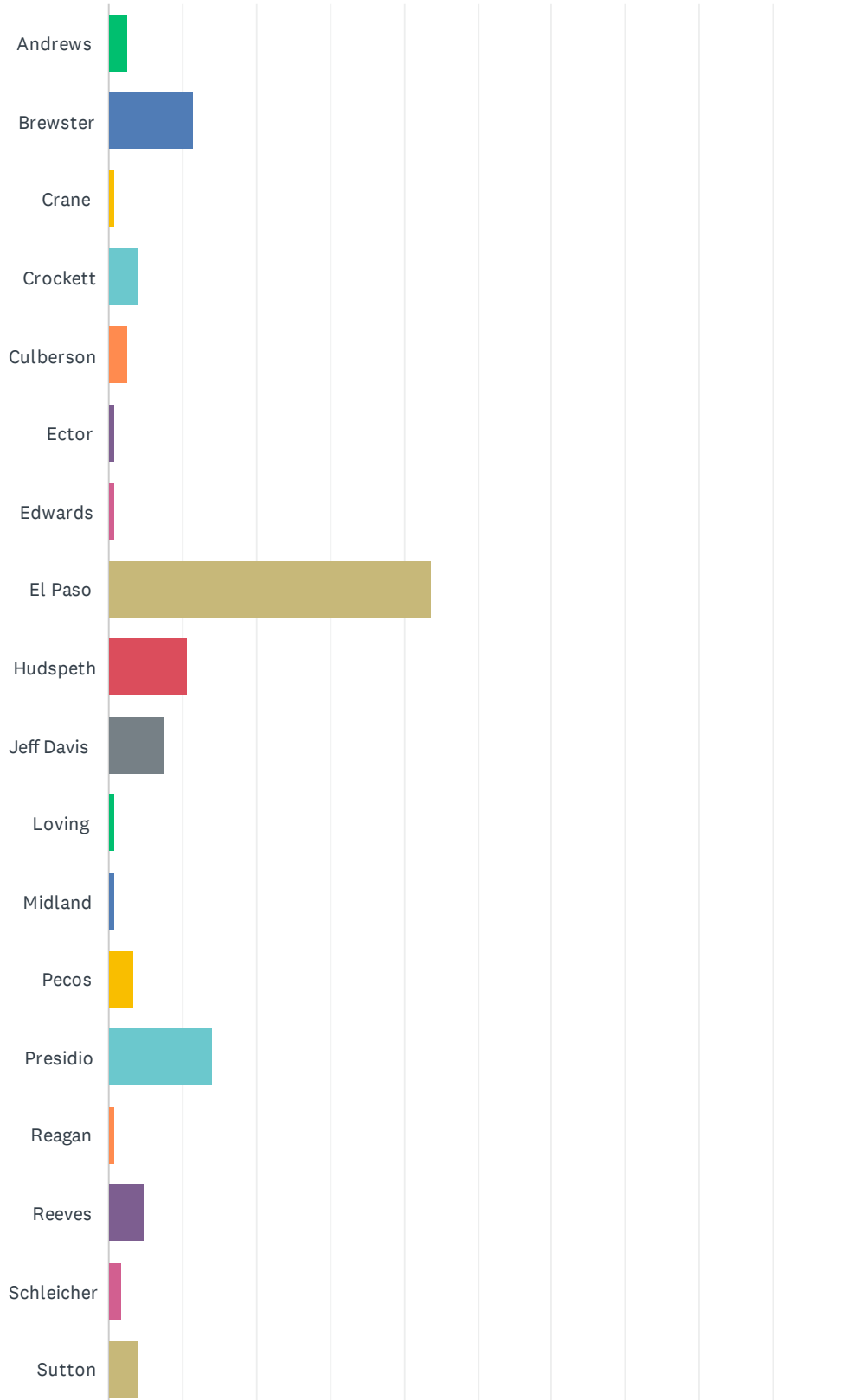
Q3 If you are responding on behalf of another community or organization, please provide the name of the organization and a primary point of contact including phone number and email address.

Answered: 18 Skipped: 103

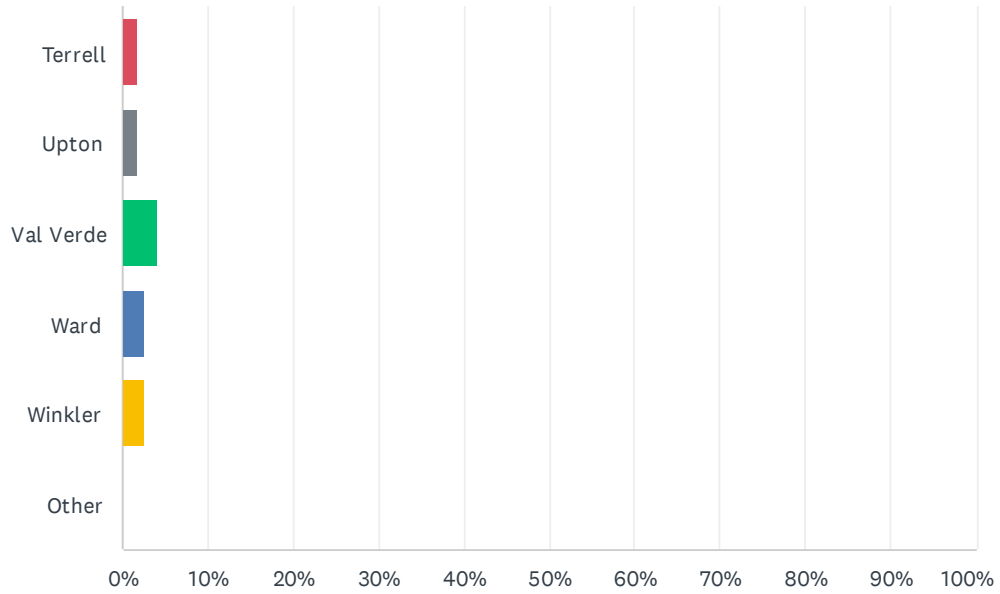
#	RESPONSES	DATE
1	Terlingua Community Garden Zoey Sexton [REDACTED] 501c3 Big Bend Citizens Alliance	3/1/2022 1:33 PM
2	Rio Grande - Pecos River SWCD #237	11/2/2021 2:43 PM
3	Pecos County	10/19/2021 12:03 PM
4	International Boundary and Water Commission	10/15/2021 5:05 PM
5	PASEO DEL ESTE MUNICIPAL DISTRICT #1 DANIEL MARTINEZ [REDACTED] ; [REDACTED]	10/14/2021 12:12 PM
6	I am responding representing The University of Texas at El Paso.	10/14/2021 9:48 AM
7	Village of Vinton [REDACTED]	10/14/2021 9:28 AM
8	Town of Pecos City	10/14/2021 8:08 AM
9	Andrews County Office of Emergency Management Michael Cook - [REDACTED] [REDACTED]	10/13/2021 1:09 PM
10	83rd District Attorney district covering Pecos, Brewster, Presidio and Jeff Davis Counties	10/5/2021 9:59 AM
11	N/A	10/5/2021 8:36 AM
12	Sierra Blanca Independent School District Glenn Nathan - Superintendent [REDACTED] [REDACTED]	10/4/2021 9:29 AM
13	[REDACTED]	10/1/2021 5:24 PM
14	Hudspeth County	10/1/2021 3:24 PM
15	Dell City ISD Carlos A. Contreras Superintendent	10/1/2021 3:19 PM
16	City of Sonora [REDACTED] Sonora, Texas	9/30/2021 11:17 AM
17	The University of Texas at El Paso	9/28/2021 10:47 AM
18	n/a	9/20/2021 10:42 AM

Q4 In which of the following counties do you live, work or routinely travel to?

Answered: 121 Skipped: 0



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



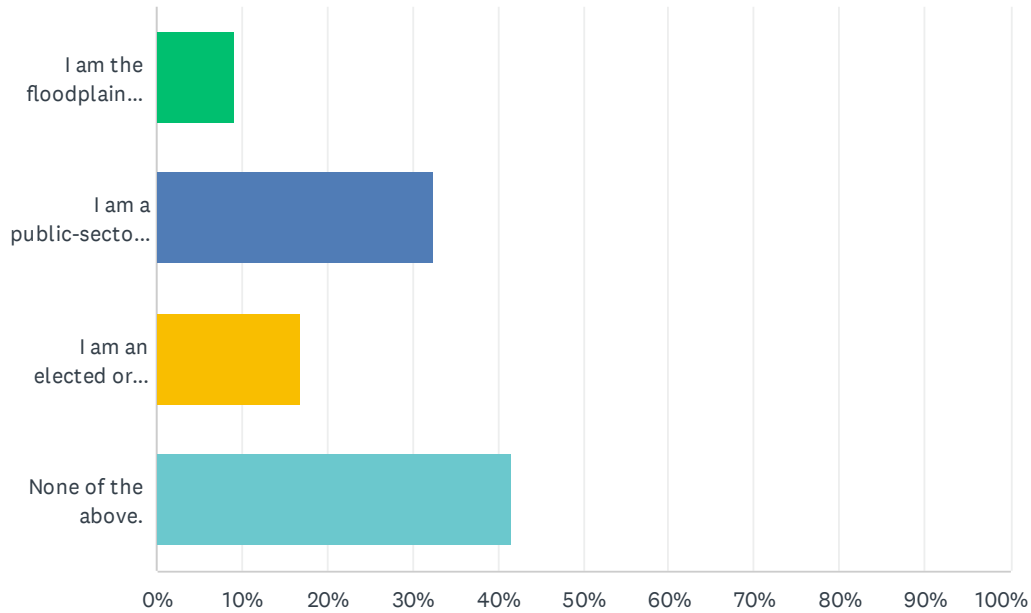
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Andrews	2.48%	3
Brewster	11.57%	14
Crane	0.83%	1
Crockett	4.13%	5
Culberson	2.48%	3
Ector	0.83%	1
Edwards	0.83%	1
El Paso	43.80%	53
Hudspeth	10.74%	13
Jeff Davis	7.44%	9
Loving	0.83%	1
Midland	0.83%	1
Pecos	3.31%	4
Presidio	14.05%	17
Reagan	0.83%	1
Reeves	4.96%	6
Schleicher	1.65%	2
Sutton	4.13%	5
Terrell	1.65%	2
Upton	1.65%	2
Val Verde	4.13%	5
Ward	2.48%	3
Winkler	2.48%	3
Other	0.00%	0
Total Respondents: 121		

#	OTHER	DATE
	There are no responses.	

Q5 Which of the following best describes your level of flood-related responsibilities?

Answered: 77 Skipped: 44

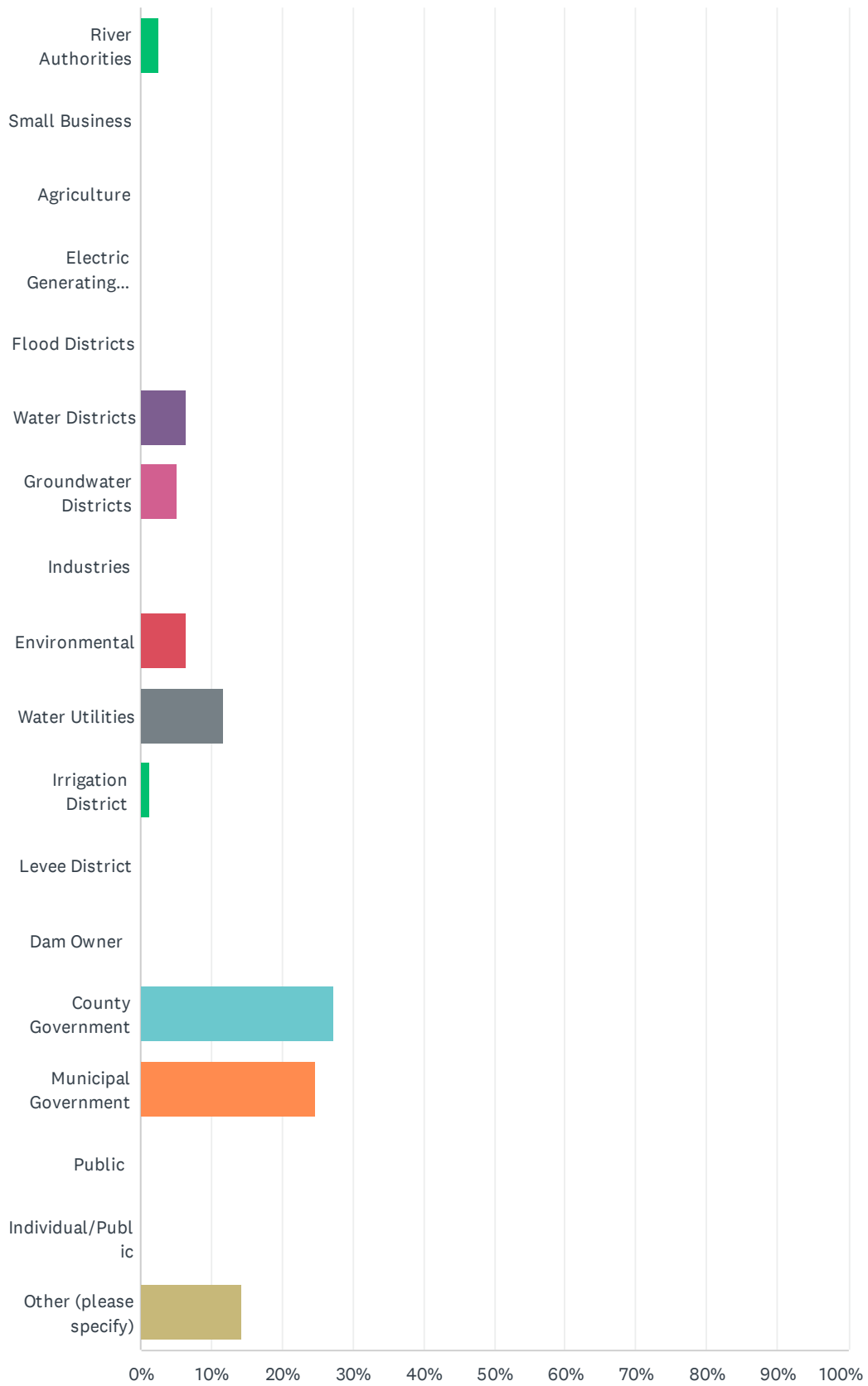


ANSWER CHOICES	RESPONSES	
I am the floodplain administrator for a community participating in the National Flood Insurance Program (NFIP).	9.09%	7
I am a public-sector employee with flood-related experience.	32.47%	25
I am an elected or appointed official with flood related experience.	16.88%	13
None of the above.	41.56%	32
TOTAL		77

Q6 Into which of the following interest groups do you fall?

Answered: 77 Skipped: 44

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



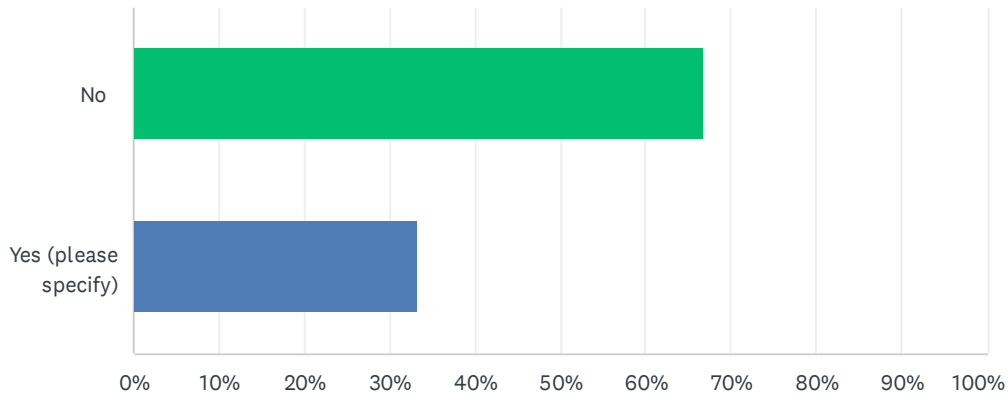
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
River Authorities	2.60%	2
Small Business	0.00%	0
Agriculture	0.00%	0
Electric Generating Utilities	0.00%	0
Flood Districts	0.00%	0
Water Districts	6.49%	5
Groundwater Districts	5.19%	4
Industries	0.00%	0
Environmental	6.49%	5
Water Utilities	11.69%	9
Irrigation District	1.30%	1
Levee District	0.00%	0
Dam Owner	0.00%	0
County Government	27.27%	21
Municipal Government	24.68%	19
Public	0.00%	0
Individual/Public	0.00%	0
Other (please specify)	14.29%	11
TOTAL		77

#	OTHER (PLEASE SPECIFY)	DATE
1	Sustainable community gardening	3/1/2022 1:35 PM
2	State Government - Texas Department of Transportation	10/19/2021 5:02 PM
3	Federal Government/ levee and dam owner, operator	10/15/2021 5:08 PM
4	WATER, WASTEWATER AND STORM SEWER UTILITIES	10/15/2021 9:24 AM
5	Facility Management Administrator for The University of Texas at El Paso	10/14/2021 9:49 AM
6	Federal Government	10/7/2021 2:24 PM
7	Federal Government, with Flood Risk Reduction and River Authorities	10/7/2021 1:58 PM
8	Federal	10/7/2021 11:58 AM
9	School District	10/4/2021 9:31 AM
10	RGCOG	9/29/2021 11:16 AM
11	Facility Management Administrator for The University of Texas at El Paso	9/28/2021 10:50 AM

Q7 Do you participate in routine regional flood related coordination? If so, list partners in this coordination (e.g. IBWC, Water Districts, Water Utilities, Counties, Municipalities).

Answered: 72 Skipped: 49



ANSWER CHOICES	RESPONSES
No	66.67% 48
Yes (please specify)	33.33% 24
TOTAL	72

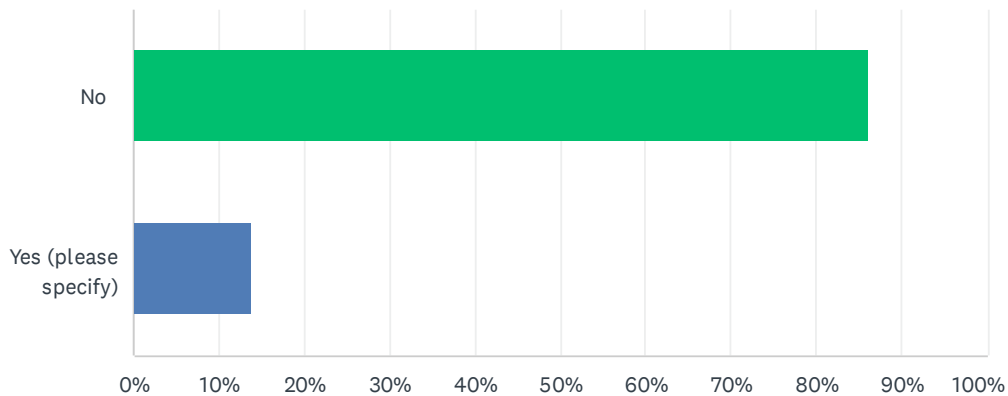
#	YES (PLEASE SPECIFY)	DATE
1	EPCWID#1, El Paso Water	10/19/2021 3:20 PM
2	EPW, EPCWID#1, EBID,	10/15/2021 5:08 PM
3	IBWC, El Paso County Water Irrigation Distric #1, County, City	10/15/2021 4:43 PM
4	IBWC, USACE, FEMA, City, Counties	10/15/2021 3:56 PM
5	All	10/15/2021 1:52 PM
6	IBWC, Irrigation District, OEM, EPEC, TGS	10/15/2021 1:40 PM
7	Work with EPWU	10/14/2021 9:49 AM
8	municipalities	10/14/2021 9:37 AM
9	hudspeh county	10/13/2021 3:43 PM
10	Non-voting member of Upper Rio Grande Regional Flood Planning Committee	10/12/2021 9:05 AM
11	IBWC, City of El Paso, EPW	10/7/2021 2:24 PM
12	USIBWC and City of El Paso, EPW	10/7/2021 1:58 PM
13	I participate in IBWC flood workshops as a representative of IBWC's Water Accounting Division, which manages IBWC flow data and assists with reservoir operations criteria during a flood.	10/7/2021 11:58 AM
14	Counties	10/6/2021 10:47 AM
15	County	10/5/2021 9:31 PM

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16	El Paso Water Utility, IBWC and County	10/5/2021 8:38 AM
17	Hudspeth County, Sierra Blanca Water District	10/4/2021 9:31 AM
18	County	10/4/2021 8:29 AM
19	All stakeholders	10/2/2021 8:08 AM
20	RGCOG	9/29/2021 11:16 AM
21	El Paso Water Utility	9/28/2021 10:50 AM
22	Water and Wastewater Utility	9/24/2021 12:39 PM
23	El Paso County, TWDB	9/20/2021 10:45 AM
24	IBWC, El Paso Water	9/9/2021 12:37 PM

Q8 Are you part of a formal regional flood coordination committee? If so, provide committee name and participating organizations (e.g. IBWC, Water Districts, Water Utilities, Counties, Municipalities).

Answered: 72 Skipped: 49

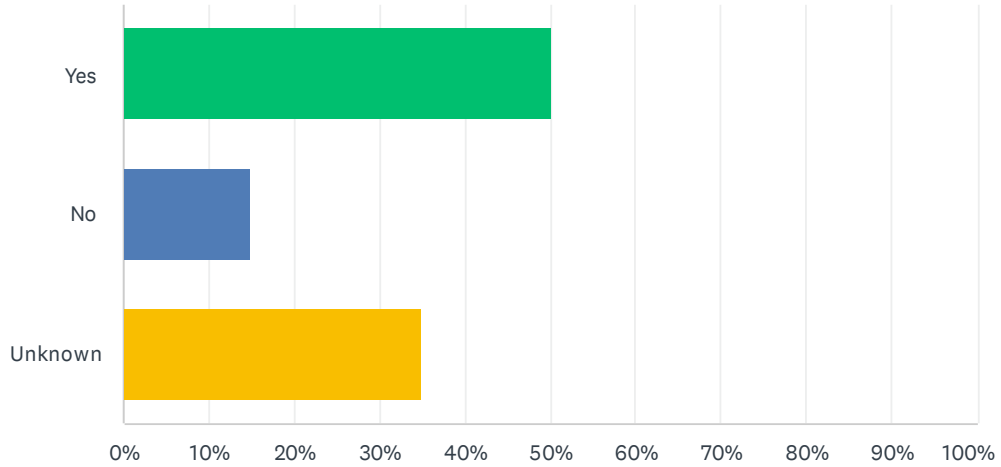


ANSWER CHOICES	RESPONSES
No	86.11% 62
Yes (please specify)	13.89% 10
TOTAL	72

#	YES (PLEASE SPECIFY)	DATE
1	EPCWID#1, El Paso Water	10/19/2021 3:20 PM
2	Rio Grande Flood Control- IBWC, EPCWID#1, EBID, EPW, City of El Paso	10/15/2021 5:08 PM
3	Water Utilities	10/15/2021 3:56 PM
4	IBWC, Irrigation District, OEM, EPEC, TGS	10/15/2021 1:40 PM
5	Val Verde County	10/15/2021 1:24 PM
6	Far West Texas Water Planning	10/13/2021 2:32 PM
7	IBWC	10/7/2021 11:58 AM
8	County	10/5/2021 9:31 PM
9	Hudspeth County, Sierra Blanca Water District	10/4/2021 9:31 AM
10	Board Member	9/29/2021 11:16 AM

Q9 Is your community a participant in the National Flood Insurance Program (NFIP)?

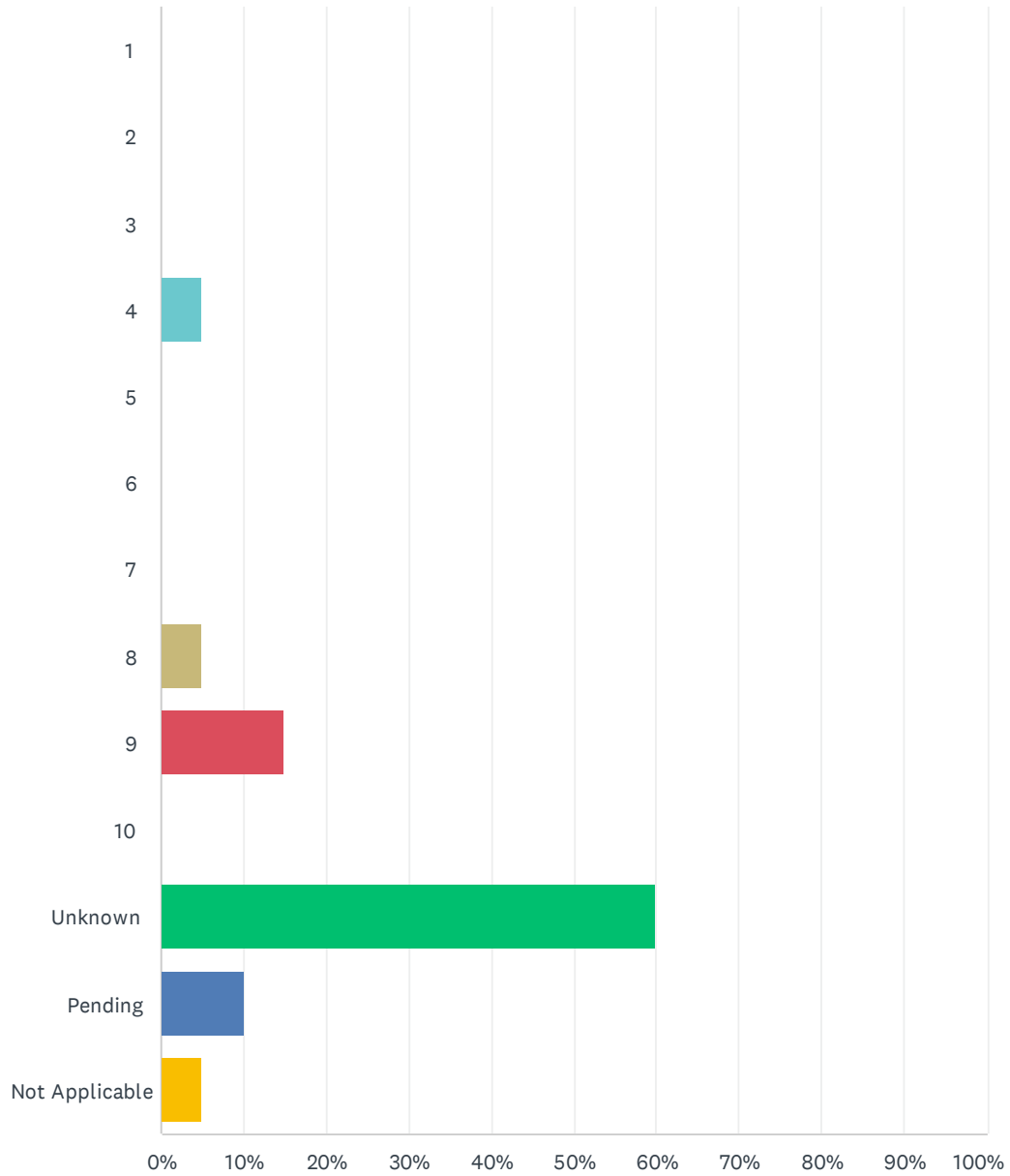
Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	50.00%	20
No	15.00%	6
Unknown	35.00%	14
TOTAL		40

Q10 What is your community's CRS rating?

Answered: 20 Skipped: 101

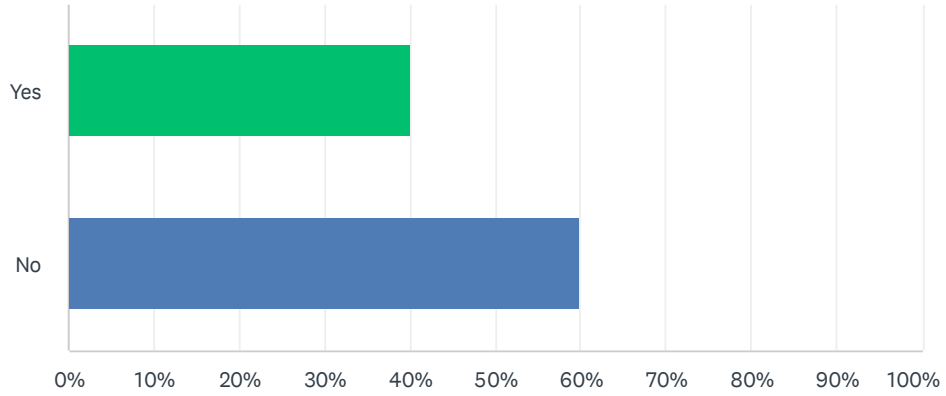


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ANSWER CHOICES	RESPONSES	
1	0.00%	0
2	0.00%	0
3	0.00%	0
4	5.00%	1
5	0.00%	0
6	0.00%	0
7	0.00%	0
8	5.00%	1
9	15.00%	3
10	0.00%	0
Unknown	60.00%	12
Pending	10.00%	2
Not Applicable	5.00%	1
TOTAL		20

Q11 Are you aware of any Letters of Map Revisions (LOMRs or Conditional Letters of Map Revisions (CLOMRs) in your community.

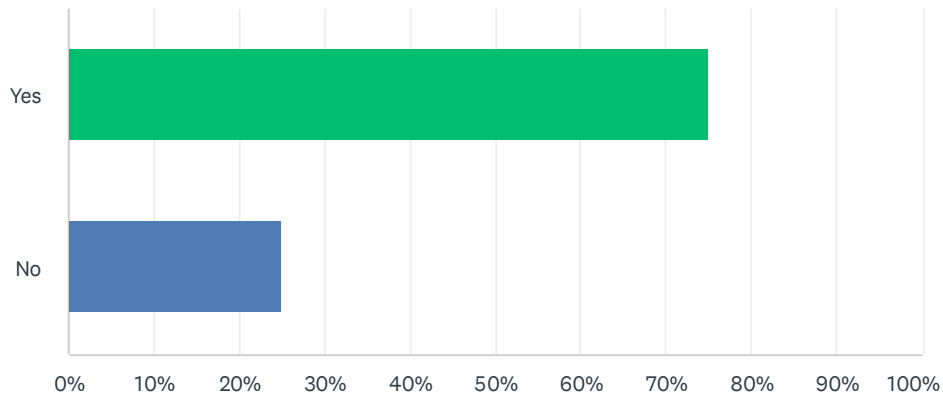
Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	40.00%	16
No	60.00%	24
TOTAL		40

Q12 Is your community listed in the community contacts list (linked here), and is the information correct? This list was assembled from data sets ranging from current to 5-years old and may likely include out of date information. There will be an opportunity to update information in the following question of the survey.

Answered: 40 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	75.00%	30
No	25.00%	10
TOTAL		40

Q13 If your community contact list is out of date, please provide updated names and contact information to the community contact list using the fields below:

Answered: 20 Skipped: 101

ANSWER CHOICES	RESPONSES	
CEO (Mayor or Judge)	80.00%	16
Floodplain Administrator	65.00%	13
Additional Contact 1 (Flood Planning, Emergency Coordination, Digital Flood Files):	45.00%	9
Additional Contact 2 (Flood Planning, Emergency Coordination, Digital Flood Files):	15.00%	3
Additional Contact 3 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0
Additional Contact 4 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0
Additional Contact 5 (Flood Planning, Emergency Coordination, Digital Flood Files):	0.00%	0

#	CEO (MAYOR OR JUDGE)	DATE
1	LEWIS G. OWENS JR	10/15/2021 1:26 PM
2	Judge Jeanette Duer	10/14/2021 9:45 AM
3	David Flores	10/14/2021 8:09 AM
4	County Judge Charlie Falcon cfalcon@co.andrews.tx.us (432) 524-1401	10/13/2021 1:14 PM
5	Eric Hawkins	10/6/2021 3:47 PM
6	Jerry Philips	10/5/2021 9:32 AM
7	Mayor Oscar Leeser	10/5/2021 8:47 AM
8	Bruno Lozano	10/4/2021 8:34 AM
9	Leo Hung judge	10/2/2021 8:13 AM
10	Thomas D. Neely	10/1/2021 9:48 PM
11	Mayor Juanita Gomez	9/30/2021 11:24 AM
12	Rachel Chavez Duran	9/30/2021 11:16 AM
13	President Wilson	9/28/2021 11:06 AM
14	Leo Hung, County Judge 432-287-0222, leo.hung@co.reeves.tx.us	9/21/2021 12:20 PM
15	Manuel Baeza- Mayor	9/16/2021 9:36 PM
16	Ricardo A. Samaniego	8/17/2021 12:24 PM

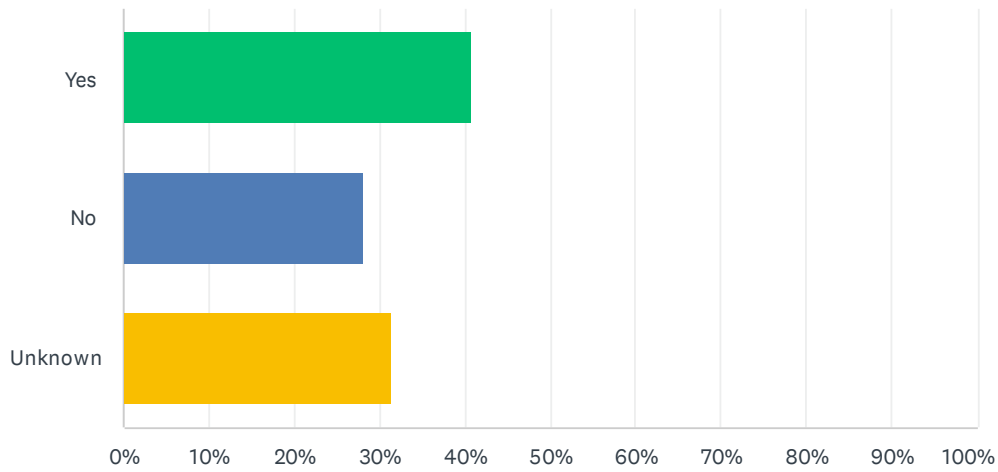
#	FLOODPLAIN ADMINISTRATOR	DATE
1	Kareem Dallo, P.E. (915)212-1560 ; dallokf@elpasotexas.gov	10/15/2021 4:00 PM
2	CARLOS VELARDE, COUNTY ENGINEER	10/15/2021 1:26 PM
3	Gregory McNicol	10/14/2021 9:52 AM
4	Megan Antrim - Interim City Manager	10/13/2021 2:40 PM

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5	Richard Kyle	10/6/2021 3:47 PM
6	Kareem Dallo P.E. CFM	10/5/2021 8:47 AM
7	Alberto Quintanilla - City Engineer	10/4/2021 8:34 AM
8	Leo Hung	10/2/2021 8:13 AM
9	City Manager Arturo Fuentes	9/30/2021 11:24 AM
10	Rachel Chavez Duran	9/30/2021 11:16 AM
11	Gilbert Saldana	9/29/2021 11:18 AM
12	Gregory McNicol	9/28/2021 11:06 AM
13	Gilberto Saldana Jr.	8/17/2021 12:24 PM
#	ADDITIONAL CONTACT 1 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):	DATE
1	JOANNA MONTEMAYOR, ASSISTANT HEALTH DEPT.	10/15/2021 1:26 PM
2	Emilio Rodriguez	10/14/2021 9:52 AM
3	Jerry Bullard	10/2/2021 8:13 AM
4	Joanna MacKenzie	10/1/2021 9:48 PM
5	Art Fuentes	9/30/2021 11:16 AM
6	Emilio Rodriguez	9/28/2021 11:06 AM
7	Curtis Wilson, Reeves County Road and Bridge Engineer, 432-755-4339, cwilson@reevescounty.org	9/21/2021 12:20 PM
8	Charles Salgado- Public Utilities Superintendent City of Marfa 432-295-0179	9/16/2021 9:36 PM
9	Fernando Hernandez	8/17/2021 12:24 PM
#	ADDITIONAL CONTACT 2 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):	DATE
1	ROWLAND GARZA, COUNTY EMERGENCY MANAGEMENT	10/15/2021 1:26 PM
2	Jerry Ballard, Reeves County Emergency Management Director, 432-287-4125, jerry.ballard@co.reeves.tx.us	9/21/2021 12:20 PM
3	Norma R. Palacios	8/17/2021 12:24 PM
#	ADDITIONAL CONTACT 3 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):	DATE
	There are no responses.	
#	ADDITIONAL CONTACT 4 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):	DATE
	There are no responses.	
#	ADDITIONAL CONTACT 5 (FLOOD PLANNING, EMERGENCY COORDINATION, DIGITAL FLOOD FILES):	DATE
	There are no responses.	

Q14 Does your entity have floodplain management regulations?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	40.63%	13
No	28.13%	9
Unknown	31.25%	10
TOTAL		32

Q15 If you answered yes and your jurisdiction willing to share a copy of regulations and/or development codes, please upload them below.

Answered: 5 Skipped: 116

#	FILE NAME	FILE SIZE	DATE
1	DDM.pdf	9.9MB	10/15/2021 1:58 PM
2	FLOOD DAMAGE PREVENTION ORDER.pdf	7.4MB	10/15/2021 1:29 PM
3	20210930_155930_725135_ARTICLE_II.____FLOOD_DAMAGE_PREVENTION.docx	34.2KB	9/30/2021 1:35 PM
4	Flood_hazard_reduction_ORDINANCE section 3.03.005.pdf	260.7KB	9/20/2021 11:20 AM
5	County Flood Damage Prevention Order.pdf	1.2MB	8/17/2021 12:43 PM

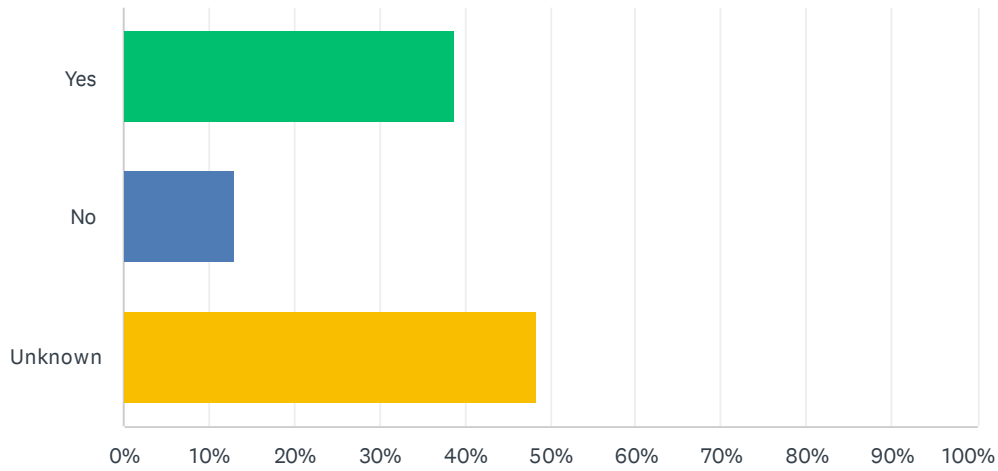
Q16 If you have additional files or files pertaining to regulations and/or development codes, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.

Answered: 2 Skipped: 119

#	RESPONSES	DATE
1	See City of El Paso's DDM and DSC	10/15/2021 4:04 PM
2	Open Records Request	10/15/2021 1:59 PM

Q17 Has your entity adopted the minimum regulations to be eligible to participate in the National Flood Insurance Program (pursuant to Texas Water Code Section 16.3145)?

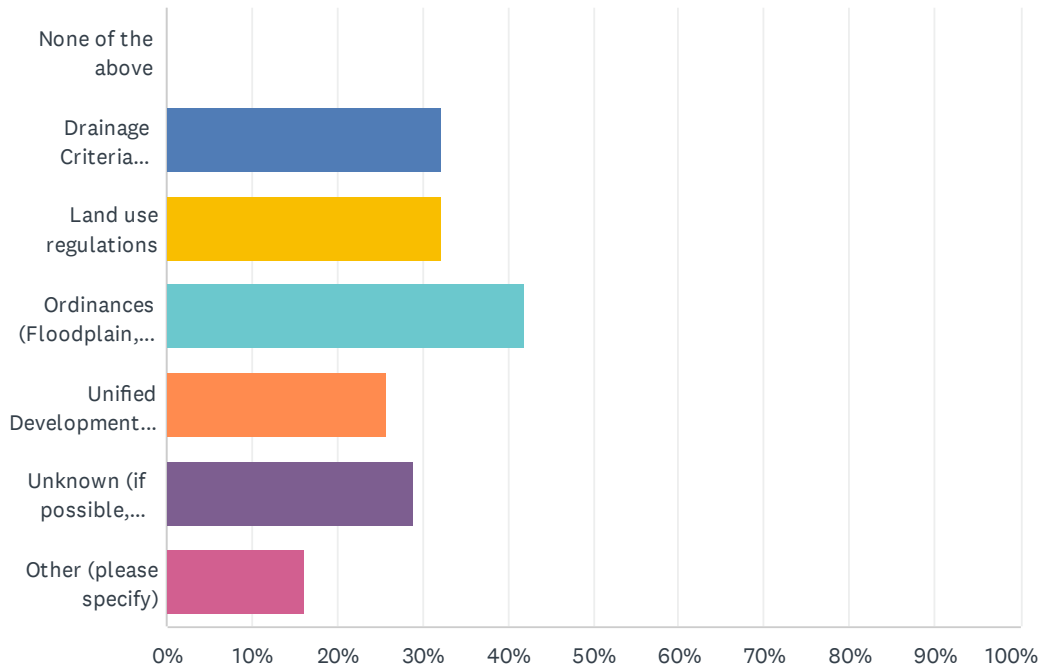
Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES	
Yes	38.71%	12
No	12.90%	4
Unknown	48.39%	15
TOTAL		31

Q18 What regulations and/or development codes does your jurisdiction have in place to manage existing and future flood risk for development? Select all that apply.

Answered: 31 Skipped: 90

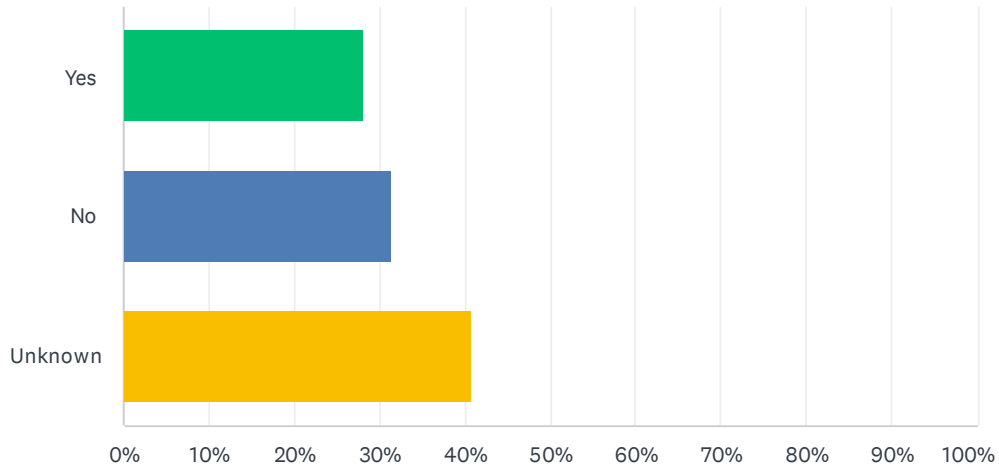


ANSWER CHOICES	RESPONSES	
None of the above	0.00%	0
Drainage Criteria Manual/Design Manual	32.26%	10
Land use regulations	32.26%	10
Ordinances (Floodplain, Drainage, Stormwater, etc.)	41.94%	13
Unified Development Code (UDC) and/or Zoning Ordinances with map	25.81%	8
Unknown (if possible, please provide point of contact for follow up in the "Other" comment box below)	29.03%	9
Other (please specify)	16.13%	5
Total Respondents: 31		

#	OTHER (PLEASE SPECIFY)	DATE
1	Best Practices	10/14/2021 9:58 AM
2	NA, Federal Government	10/7/2021 2:17 PM
3	Campus Best Practices	9/28/2021 2:31 PM
4	N/A	9/24/2021 12:46 PM
5	Subdivision Regulations and Design Standards	8/17/2021 12:44 PM

Q19 Does your jurisdiction have an existing land use plan?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	28.13%	9
No	31.25%	10
Unknown	40.63%	13
TOTAL		32

Q20 If you answered yes to the question above and your jurisdiction willing to share a copy of your existing condition land use plan, please upload the file below.

Answered: 2 Skipped: 119

#	FILE NAME	FILE SIZE	DATE
1	Subdivision Regulations (PDF).pdf	11.3MB	10/13/2021 1:26 PM
2	ZONINGMAP_Rev 8-9-2013 ZoneMap (1).pdf	1.5MB	9/20/2021 11:20 AM

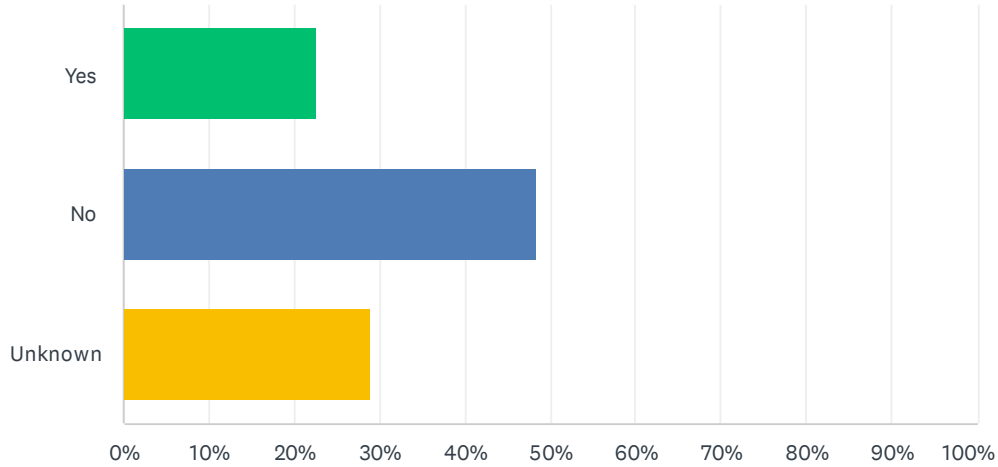
Q21 If you answered "Unknown" to the existing land use plan question above or have additional files (including files incompatible with the required survey format), please provide contact information so we can coordinate on how best to receive your files.

Answered: 3 Skipped: 118

#	RESPONSES	DATE
1	Kareem Dallo, City of El Paso's Floodplain Administrator	10/15/2021 4:04 PM
2	Leo Hung	10/2/2021 8:21 AM
3	Included within the City of El Paso land use and zoning plan. Unincorporated areas are not included within such plan.	9/29/2021 11:34 AM

Q22 Does your jurisdiction have a future land use plan or future zoning plan?

Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES
Yes	22.58% 7
No	48.39% 15
Unknown	29.03% 9
TOTAL	31

Q23 If you answered yes and your jurisdiction willing to share a copy of your future condition land use plan, please upload it below.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

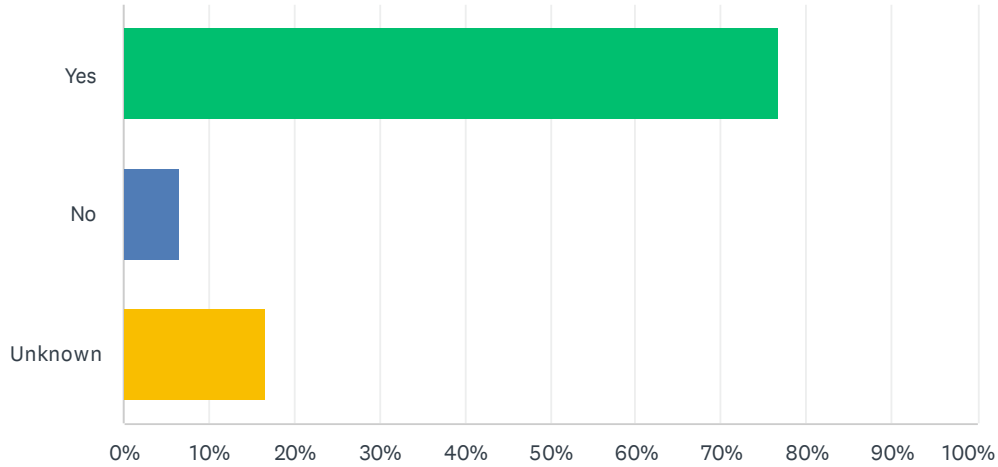
Q24 If you answered "Unknown" to the future land use plan question above or have additional files (including files incompatible with the required survey format), please provide contact information so we can coordinate on how best to receive your files.

Answered: 1 Skipped: 120

#	RESPONSES	DATE
1	Included within the City of El Paso land use and zoning plan. Unincorporated areas are not included within such plan.	9/29/2021 11:34 AM

Q25 In your opinion, should the RFPG recommend consistent minimum standards across the entire region?

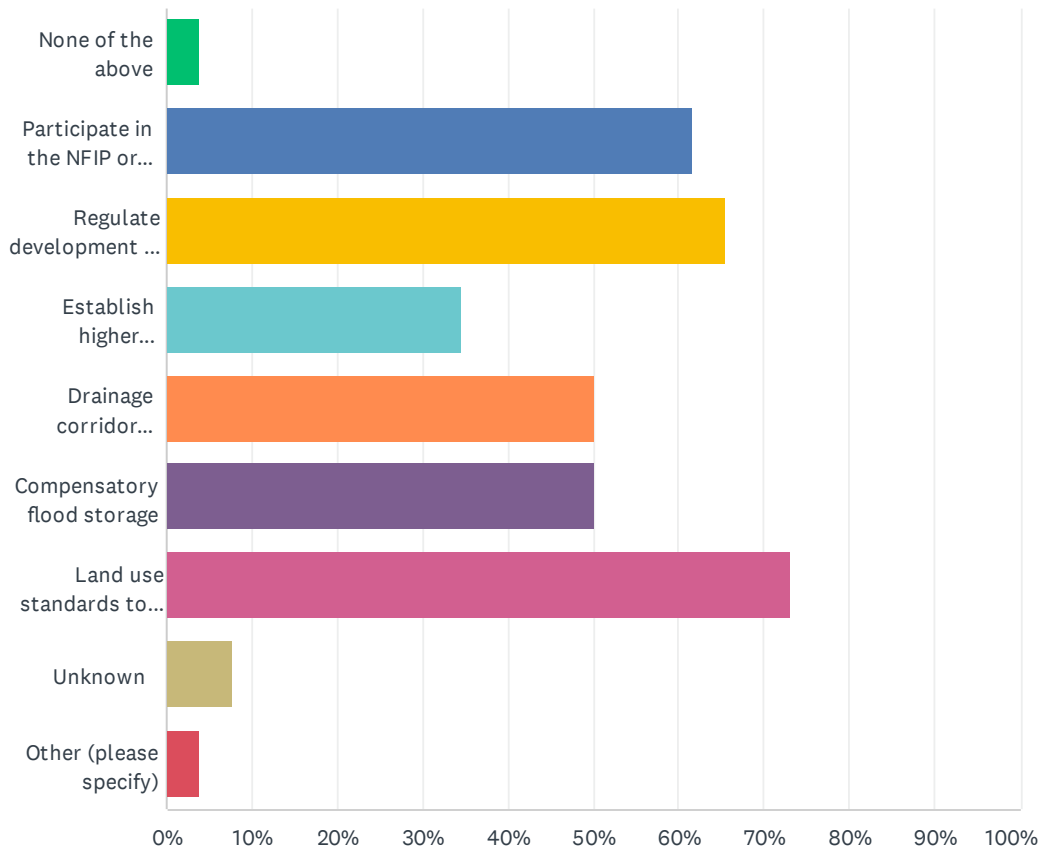
Answered: 30 Skipped: 91



ANSWER CHOICES	RESPONSES	
Yes	76.67%	23
No	6.67%	2
Unknown	16.67%	5
TOTAL		30

Q26 If you selected yes to the question above, what are the minimum standards the RFPG should recommend for all jurisdictions within the region? Select all that apply. This question pertains to RFPG recommendations only (in a following question, we will also ask for your feedback regarding minimum requirements).

Answered: 26 Skipped: 95



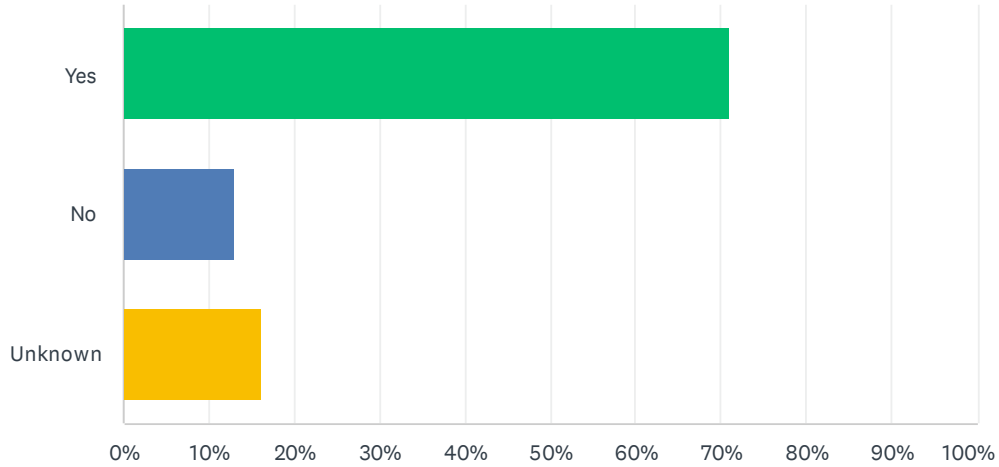
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES
None of the above	3.85% 1
Participate in the NFIP or adapt the equivalent standards	61.54% 16
Regulate development in the FEMA floodplain or other local floodplains established by local jurisdictions	65.38% 17
Establish higher standards (more stringent than the NFIP) for development or freeboard above the floodplain	34.62% 9
Drainage corridor preservation	50.00% 13
Compensatory flood storage	50.00% 13
Land use standards to reduce future flood risk	73.08% 19
Unknown	7.69% 2
Other (please specify)	3.85% 1
Total Respondents: 26	

#	OTHER (PLEASE SPECIFY)	DATE
1	Require coordination between all affected floodplain jurisdictions	8/17/2021 12:44 PM

Q27 In your opinion, should the RFGP require consistent minimum standards across the entire region?

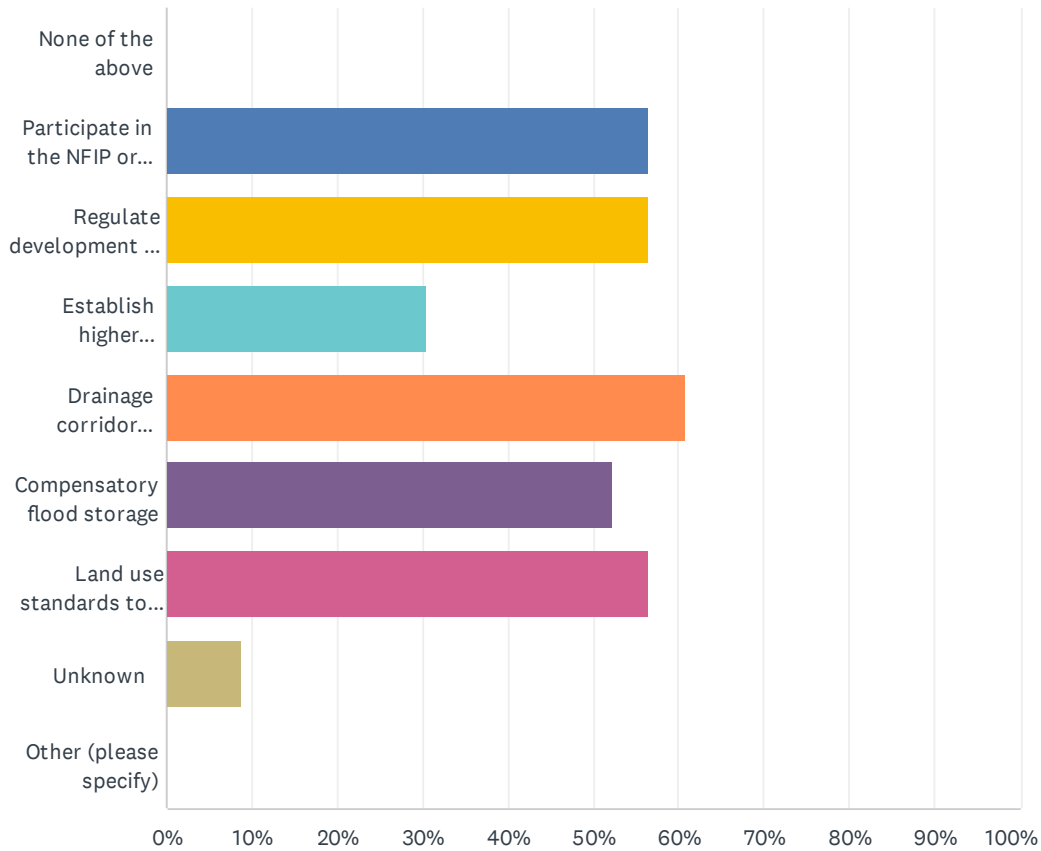
Answered: 31 Skipped: 90



ANSWER CHOICES	RESPONSES	
Yes	70.97%	22
No	12.90%	4
Unknown	16.13%	5
TOTAL		31

**Q28 If you selected yes to the question above, what are the minimum standards the RFPG should require for all jurisdictions within the region?
Select all that apply.**

Answered: 23 Skipped: 98



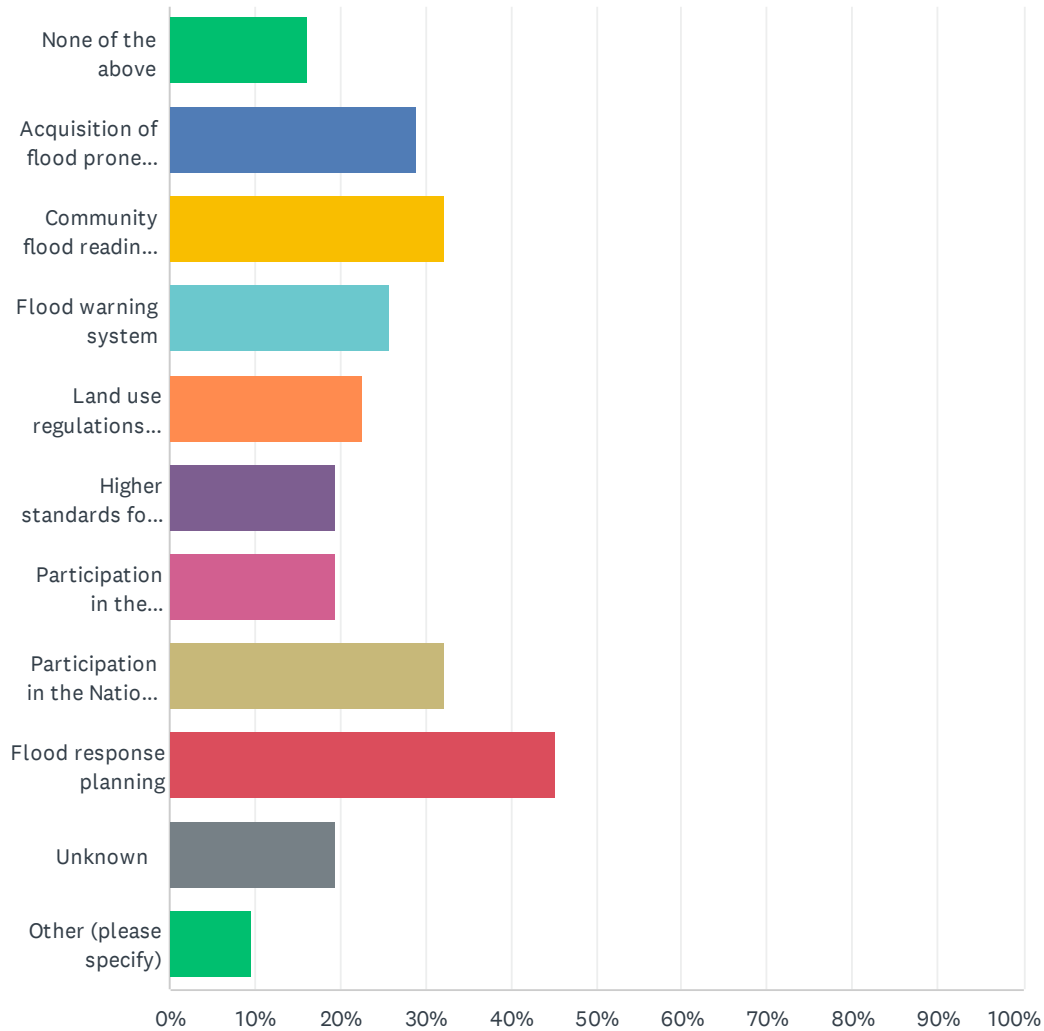
ANSWER CHOICES	RESPONSES	
None of the above	0.00%	0
Participate in the NFIP or adapt the equivalent standards	56.52%	13
Regulate development in the FEMA floodplain or other local floodplains established by local jurisdictions	56.52%	13
Establish higher standards (more stringent than the NFIP) for development or freeboard above the floodplain	30.43%	7
Drainage corridor preservation	60.87%	14
Compensatory flood storage	52.17%	12
Land use standards to reduce future flood risk	56.52%	13
Unknown	8.70%	2
Other (please specify)	0.00%	0
Total Respondents: 23		

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

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

Q29 Select the measures your jurisdiction is taking to promote resilience within flood-prone areas. Select all that apply.

Answered: 31 Skipped: 90



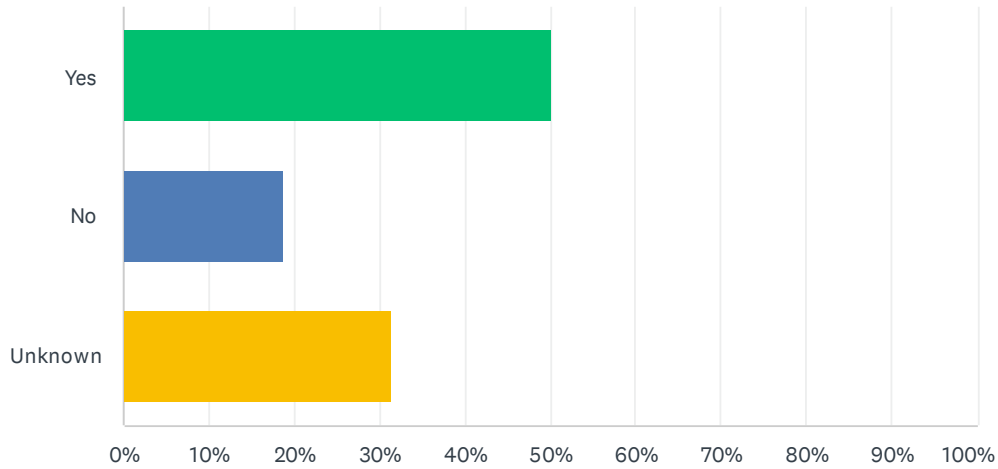
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
None of the above	16.13%	5
Acquisition of flood prone properties	29.03%	9
Community flood readiness education and training	32.26%	10
Flood warning system	25.81%	8
Land use regulations that limit future flood risk	22.58%	7
Higher standards for floodplain management	19.35%	6
Participation in the Community Rating System (CRS)	19.35%	6
Participation in the National Flood Insurance Program (NFIP)	32.26%	10
Flood response planning	45.16%	14
Unknown	19.35%	6
Other (please specify)	9.68%	3
Total Respondents: 31		

#	OTHER (PLEASE SPECIFY)	DATE
1	FLOOD MITIGATION	10/15/2021 1:29 PM
2	USACE is informing communities of the risks of living behind a levee by updating Levee Inventory in the National Levee Database(https://levees.sec.usace.army.mil/#/), performing Levee Risk Screening, and communicating the result to sponsors and owner of the levee system. Will help sponsors communicate risk to communities.	10/7/2021 2:17 PM
3	Learning the process of mitigation and engagement	10/1/2021 9:50 PM

Q30 Does your jurisdiction wish to include floodplain management goals in the regional flood plan?

Answered: 32 Skipped: 89



ANSWER CHOICES	RESPONSES	
Yes	50.00%	16
No	18.75%	6
Unknown	31.25%	10
TOTAL		32

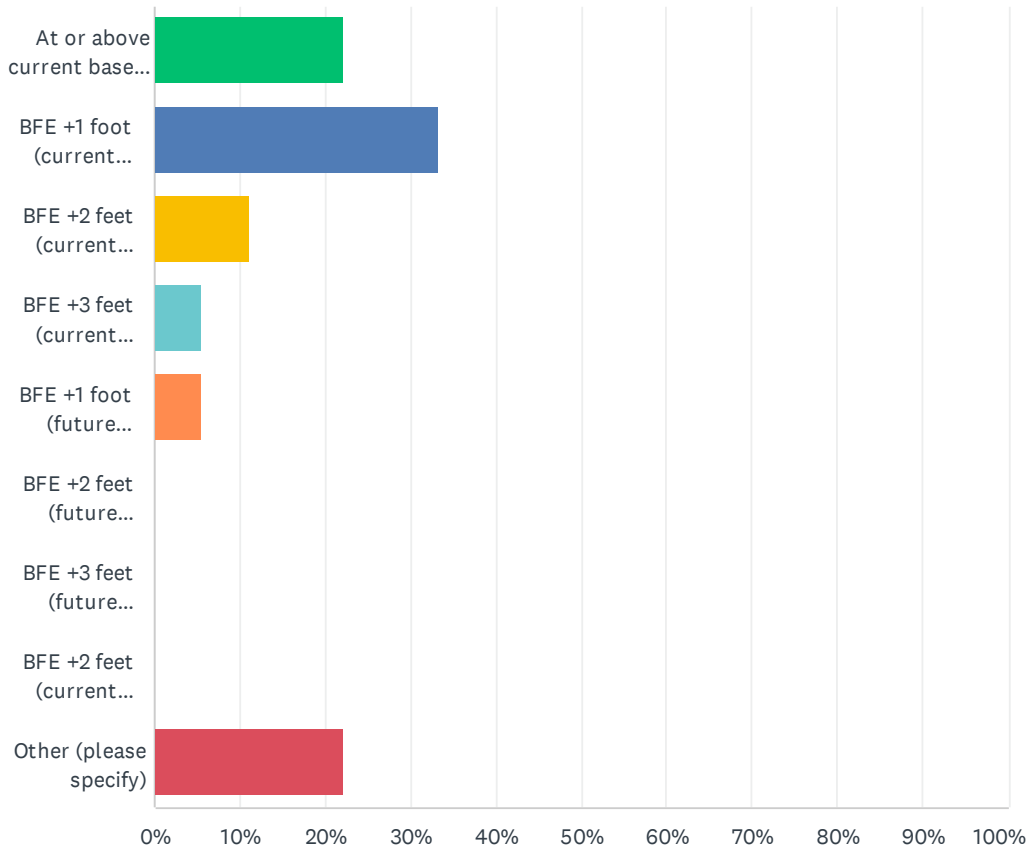
Q31 If you selected yes to the question above, please provide your desired goals, including whether it is a short term (10-year) or long term (30-year) goal, the location or other applicability of goal (i.e., local or regional), flood risk reduction of goal (i.e., structures at risk), as well as the method to measure the goal. Please also include a point of contact for follow-up.

Answered: 8 Skipped: 113

#	RESPONSES	DATE
1	FLOOD MITIGATION PLAN	10/15/2021 1:29 PM
2	Controlling the flooding of our town because of drainage issues on private property	10/14/2021 9:54 AM
3	Short term. Many houses and streets in the community that flood and create some sort of hazard.	10/5/2021 9:37 PM
4	About 300 homes were affect during the flood of 2018. Short term goal is work on storm water drainage. Long term goal is to acquire all property within the flood plain.	9/30/2021 1:36 PM
5	long term, flood risk reduction	9/30/2021 11:21 AM
6	Continuous investment in flood control infrastructure throughout the County	9/29/2021 11:34 AM
7	Particular goals are not determined to-date.	9/21/2021 12:29 PM
8	TBD	8/17/2021 12:44 PM

Q32 Which of the following described the higher standards required by your jurisdiction?

Answered: 18 Skipped: 103



ANSWER CHOICES	RESPONSES	
At or above current base flood elevation (BFE)	22.22%	4
BFE +1 foot (current 100-year conditions)	33.33%	6
BFE +2 feet (current 100-year conditions)	11.11%	2
BFE +3 feet (current 100-year conditions)	5.56%	1
BFE +1 foot (future 100-year conditions)	5.56%	1
BFE +2 feet (future 100-year conditions)	0.00%	0
BFE +3 feet (future 100-year conditions)	0.00%	0
BFE +2 feet (current 500-year conditions)	0.00%	0
Other (please specify)	22.22%	4
TOTAL		18

#	OTHER (PLEASE SPECIFY)	DATE
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Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

1	Need more information before responding	10/14/2021 9:58 AM
2	Unknown	10/14/2021 9:54 AM
3	USACE conducts a feasibility study and evaluates the Federal Interest to determine the National Economic Development Plan based on a benefits versus costs analysis for Flood Risk Reduction projects.	10/7/2021 2:17 PM
4	N/A	9/24/2021 12:46 PM

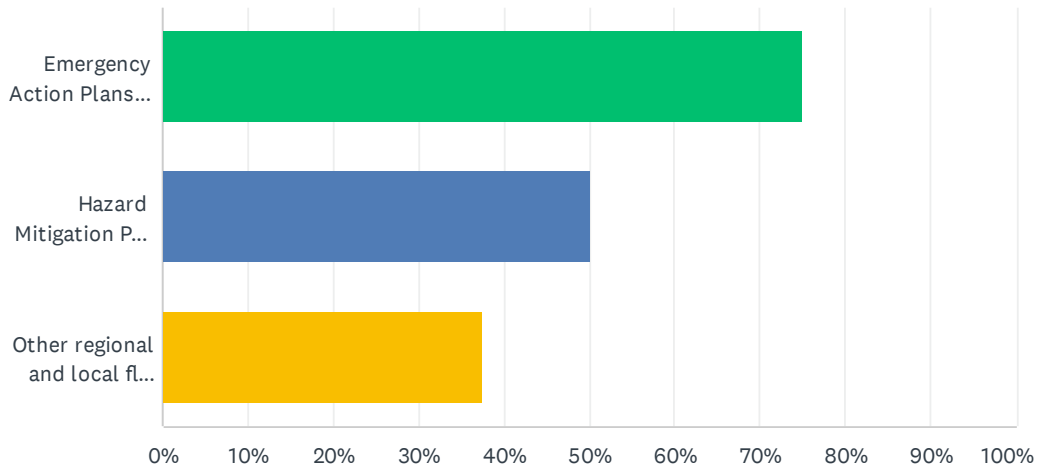
Q33 If you have any suggestions for improved legislative authority for increased floodplain management standards, please note them below.

Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	State Legislation involvement with making bridge on HWY 277 South wider. This was a major choke point during our last flood.	9/30/2021 1:36 PM
2	Provide Texas Counties with the authority to institute land use and zoning regulations.	9/29/2021 11:34 AM
3	None at this time. Reeves County must have a County-wide floodplain study for any legislative authority.	9/21/2021 12:29 PM
4	TBD	8/17/2021 12:44 PM

Q34 Which of the following planning documents or information does your jurisdiction have that you would like to provide to the regional flood planning group? Select all that apply.

Answered: 8 Skipped: 113



ANSWER CHOICES	RESPONSES	
Emergency Action Plans (flood-related portions)	75.00%	6
Hazard Mitigation Plan (HMP)	50.00%	4
Other regional and local flood planning studies	37.50%	3
Total Respondents: 8		

Q35 If you selected one of planning document types above and your jurisdiction is willing to provide a copy, please upload it below.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

Note: Q36 responses have been partially redacted to omit phone numbers and email addresses for privacy

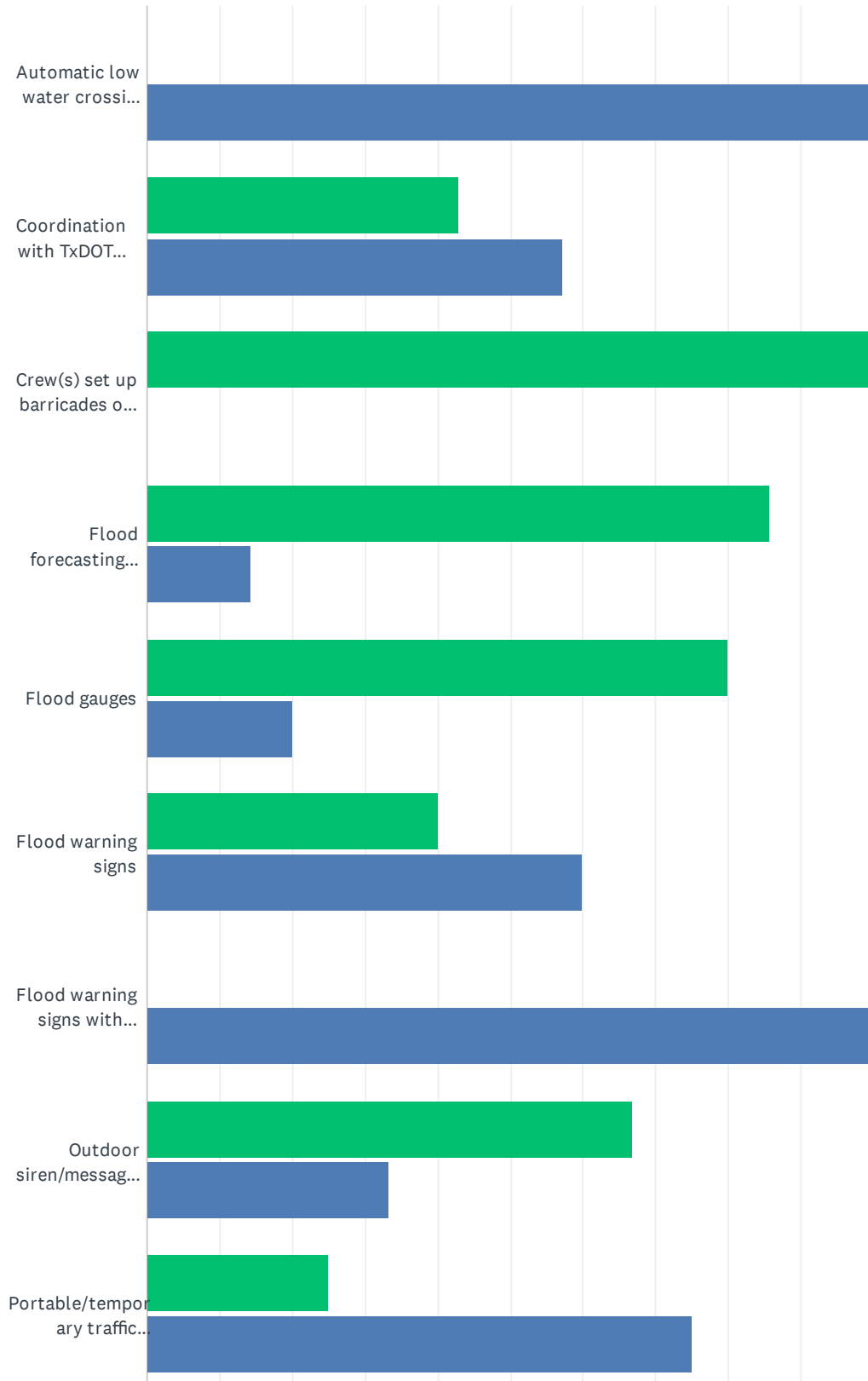
Q36 If you have additional files or files related to hazard mitigation and emergency planning, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.

Answered: 3 Skipped: 118

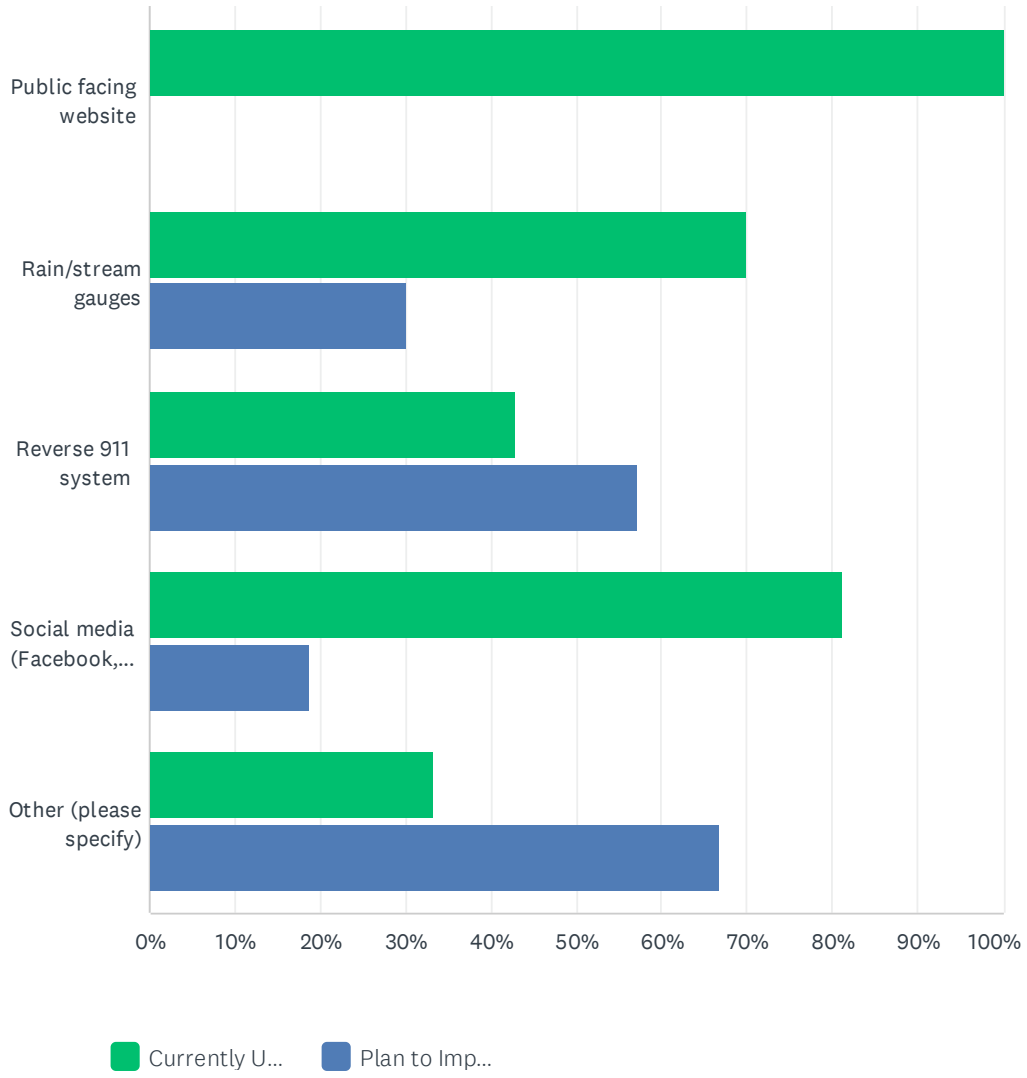
#	RESPONSES	DATE
1	Gisela Dagnino [REDACTED]	10/15/2021 4:07 PM
2	N/A	9/24/2021 12:50 PM
3	City of El Paso/County Office of Emergency Management	8/17/2021 12:56 PM

Q37 Select the emergency response measures your jurisdiction currently uses or plans to implement for flood events. Select all that apply.

Answered: 20 Skipped: 101



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

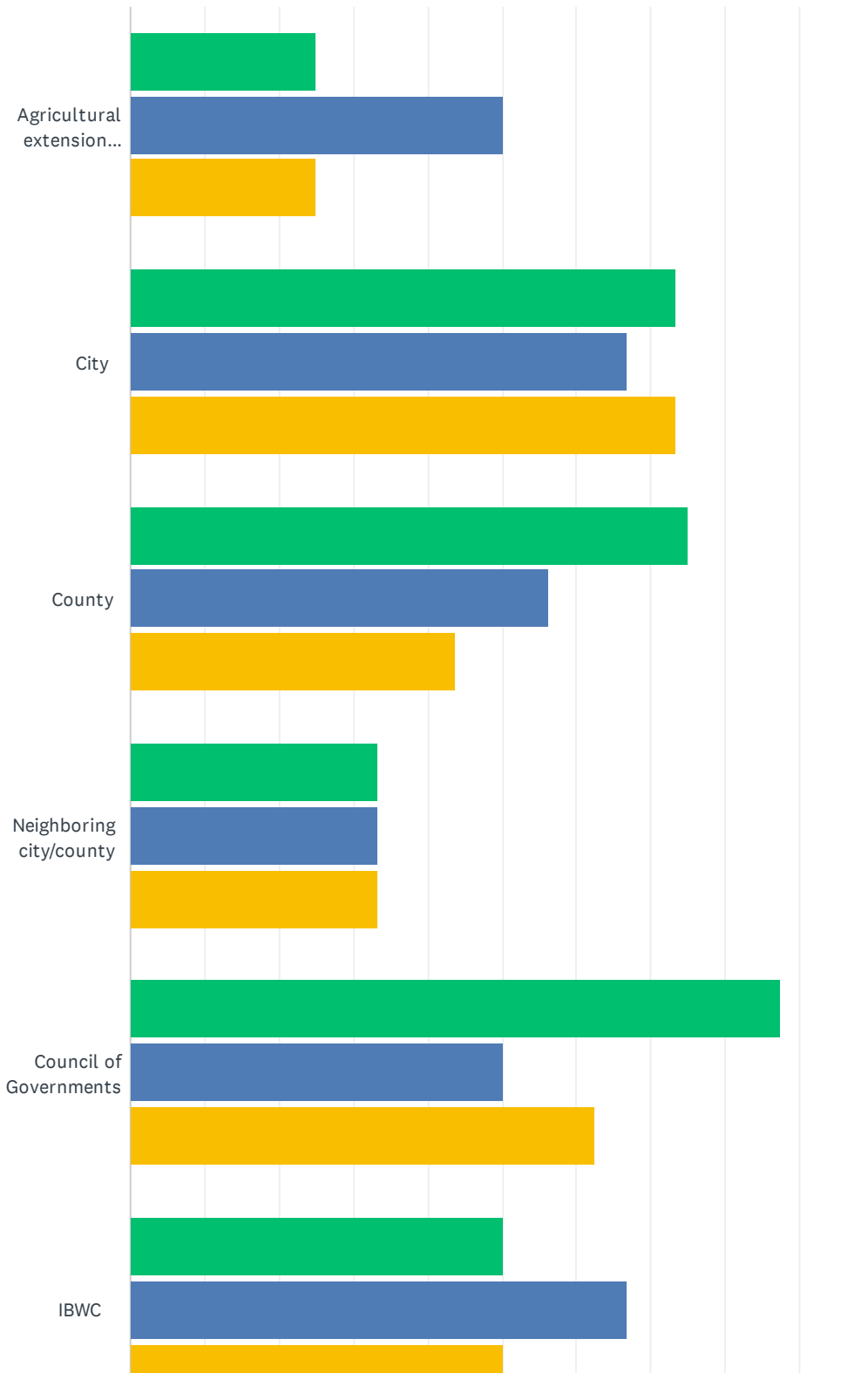


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

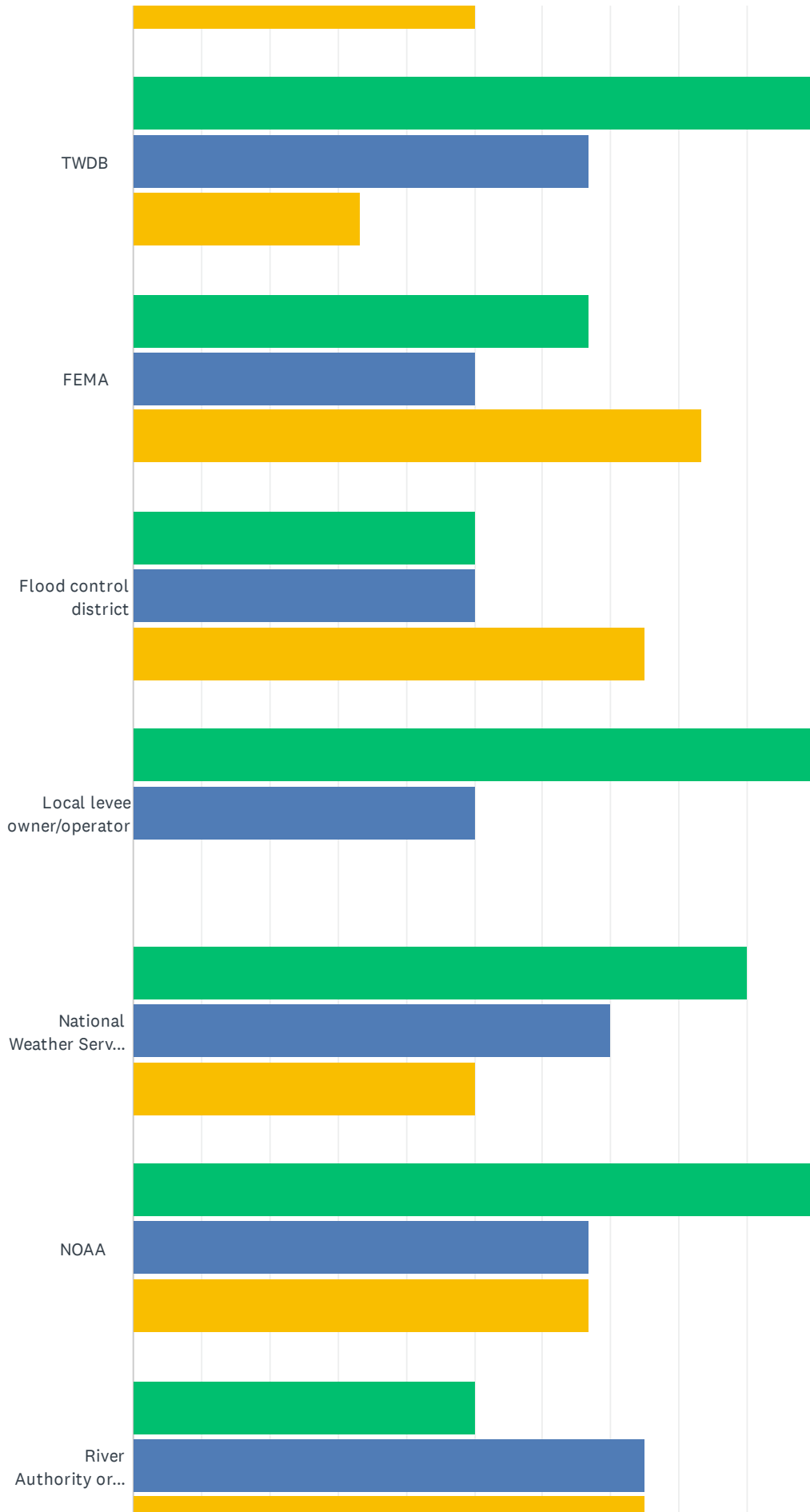
	CURRENTLY USE	PLAN TO IMPLEMENT	TOTAL	WEIGHTED AVERAGE
Automatic low water crossings (LWCs)	0.00% 0	100.00% 5	5	2.00
Coordination with TxDOT (message boards or real-time traffic control management)	42.86% 3	57.14% 4	7	1.57
Crew(s) set up barricades or close gates	100.00% 14	0.00% 0	14	1.00
Flood forecasting tool	85.71% 6	14.29% 1	7	1.14
Flood gauges	80.00% 8	20.00% 2	10	1.20
Flood warning signs	40.00% 4	60.00% 6	10	1.60
Flood warning signs with flashing lights	0.00% 0	100.00% 8	8	2.00
Outdoor siren/message speaker system	66.67% 4	33.33% 2	6	1.33
Portable/temporary traffic message boards	25.00% 2	75.00% 6	8	1.75
Public facing website	100.00% 7	0.00% 0	7	1.00
Rain/stream gauges	70.00% 7	30.00% 3	10	1.30
Reverse 911 system	42.86% 3	57.14% 4	7	1.57
Social media (Facebook, Twitter, etc.)	81.25% 13	18.75% 3	16	1.19
Other (please specify)	33.33% 1	66.67% 2	3	1.67

Q38 Indicate the entities with whom you coordinate to improve flood response in preparation for a flood event, during a flood event and after a flood event. Please select all that apply.

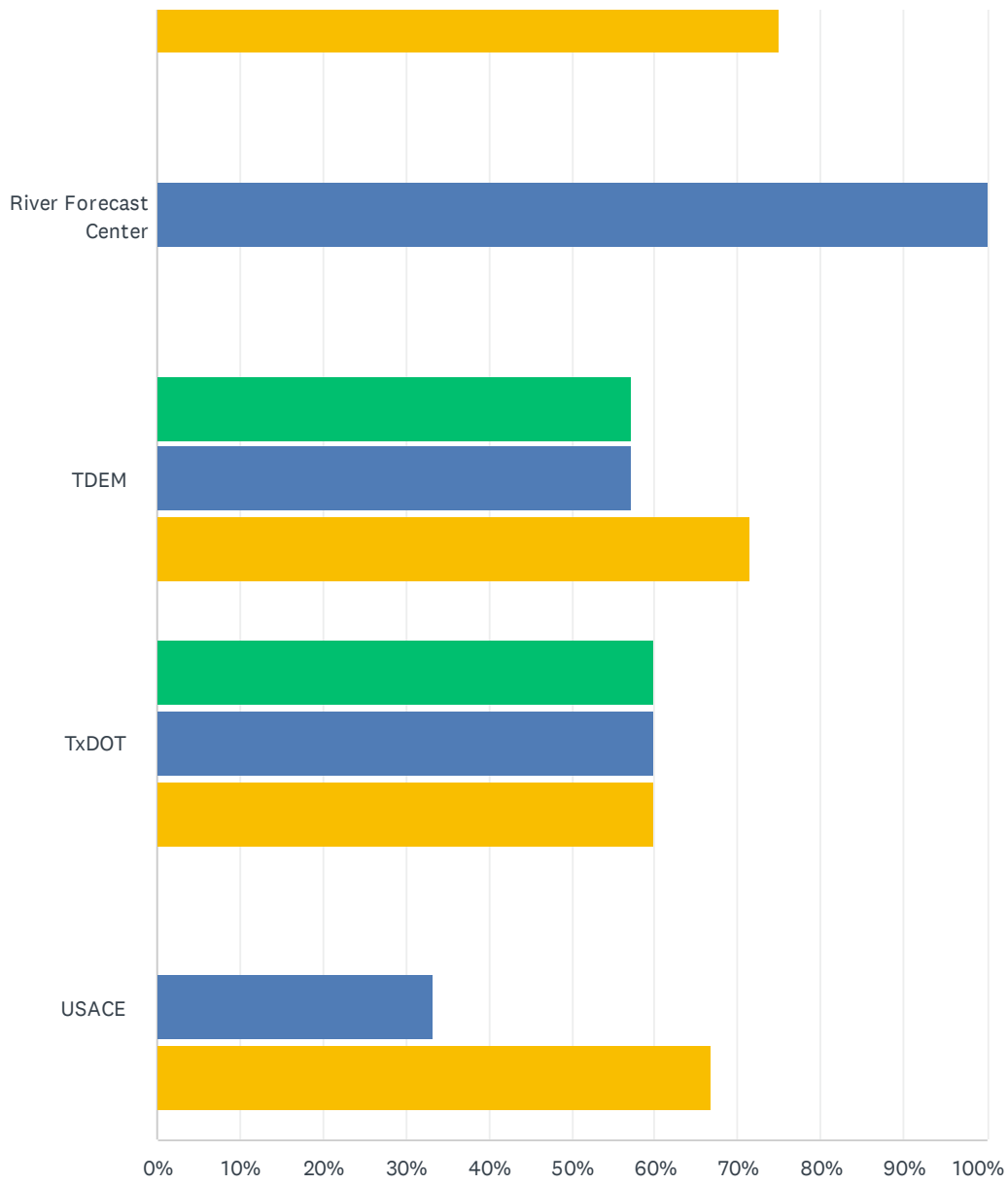
Answered: 23 Skipped: 98



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



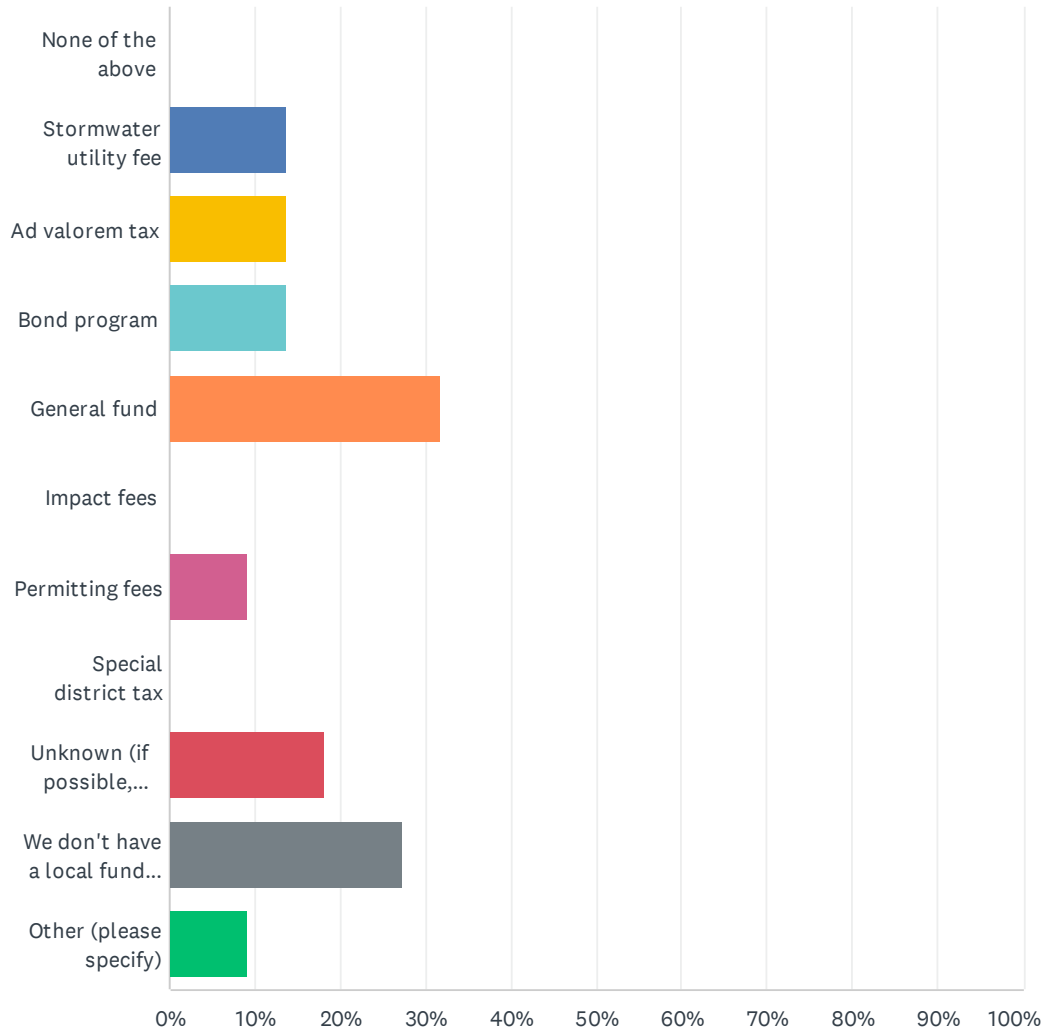
■ In Preparat... ■ During a FL... ■ After a Floo...

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	IN PREPARATION FOR A FLOOD EVENT	DURING A FLOOD EVENT	AFTER A FLOOD EVENT	TOTAL RESPONDENTS
Agricultural extension agents	25.00% 1	50.00% 2	25.00% 1	4
City	73.33% 11	66.67% 10	73.33% 11	15
County	75.00% 12	56.25% 9	43.75% 7	16
Neighboring city/county	33.33% 1	33.33% 1	33.33% 1	3
Council of Governments	87.50% 7	50.00% 4	62.50% 5	8
IBWC	50.00% 3	66.67% 4	50.00% 3	6
TWDB	100.00% 3	66.67% 2	33.33% 1	3
FEMA	66.67% 4	50.00% 3	83.33% 5	6
Flood control district	50.00% 2	50.00% 2	75.00% 3	4
Local levee owner/operator	100.00% 2	50.00% 1	0.00% 0	2
National Weather Service (NWS)	90.00% 9	70.00% 7	50.00% 5	10
NOAA	100.00% 3	66.67% 2	66.67% 2	3
River Authority or Water District	50.00% 2	75.00% 3	75.00% 3	4
River Forecast Center	0.00% 0	100.00% 2	0.00% 0	2
TDEM	57.14% 4	57.14% 4	71.43% 5	7
TxDOT	60.00% 6	60.00% 6	60.00% 6	10
USACE	0.00% 0	33.33% 1	66.67% 2	3

Q39 Which of the following describes your local funding sources for flood management activities within the last five years. Select all that apply.

Answered: 22 Skipped: 99



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES
None of the above	0.00% 0
Stormwater utility fee	13.64% 3
Ad valorem tax	13.64% 3
Bond program	13.64% 3
General fund	31.82% 7
Impact fees	0.00% 0
Permitting fees	9.09% 2
Special district tax	0.00% 0
Unknown (if possible, please provide point of contact for follow up in the "Other" comment box below)	18.18% 4
We don't have a local funding source for flood management activities	27.27% 6
Other (please specify)	9.09% 2
Total Respondents: 22	

#	OTHER (PLEASE SPECIFY)	DATE
1	federal funding	10/15/2021 5:15 PM
2	TWDB FIF grants/loan	8/17/2021 1:06 PM

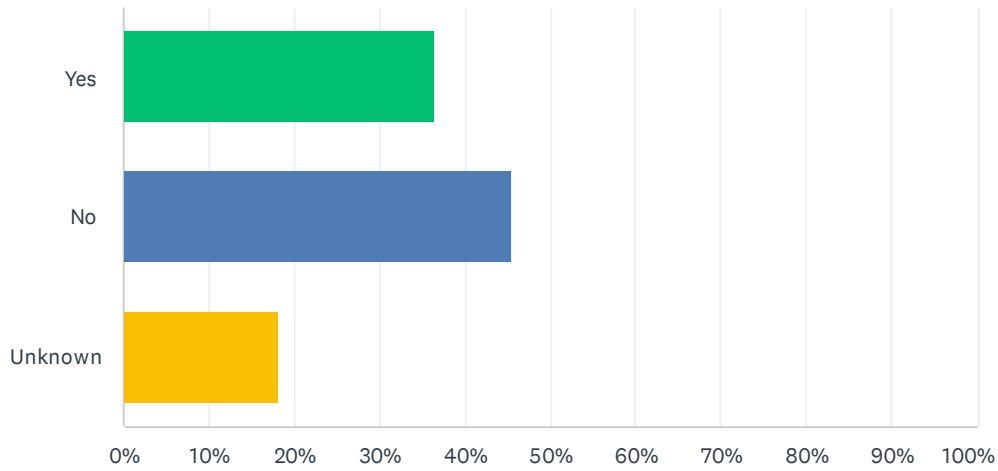
Q40 If your community has received funding for storm-water related infrastructure projects in the last 5 years or has been selected to receive funding in the near term future, can you please provide a list of projects funded with outside sources and the funding sources utilized for each? If you would prefer that we follow up with you via email following the survey, please indicate so in the question response field.

Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	USACE - Central Dams Feasibility Study TWDB - Will Ruth Pond and Conveyance Improvements	10/15/2021 4:11 PM
2	NOT RECENTLY	10/15/2021 1:32 PM
3	N/A	9/24/2021 12:52 PM
4	HAC7 - TWDB FIF program SSA1 - TWDB FIF program	8/17/2021 1:06 PM

Q41 Does your organization maintain a list of future stormwater related projects for future implementation, regardless of whether funding is currently available (e.g., capital expenditure plan, etc.)?

Answered: 22 Skipped: 99



ANSWER CHOICES	RESPONSES	
Yes	36.36%	8
No	45.45%	10
Unknown	18.18%	4
TOTAL		22

Q42 If you answered yes and your jurisdiction is willing to provide further information, please upload.

Answered: 0 Skipped: 121

#	FILE NAME	FILE SIZE	DATE
There are no responses.			

Q43 If you have additional files or files related to funding for future stormwater infrastructure, (including files that are incompatible with the required survey file formats) please provide contact information so we can coordinate on how best to receive your files.

Answered: 3 Skipped: 118

#	RESPONSES	DATE
1	N/A	10/2/2021 8:30 AM
2	N/A	9/24/2021 12:52 PM
3	2020 Stormwater Master Plan - AECOM	8/17/2021 1:06 PM

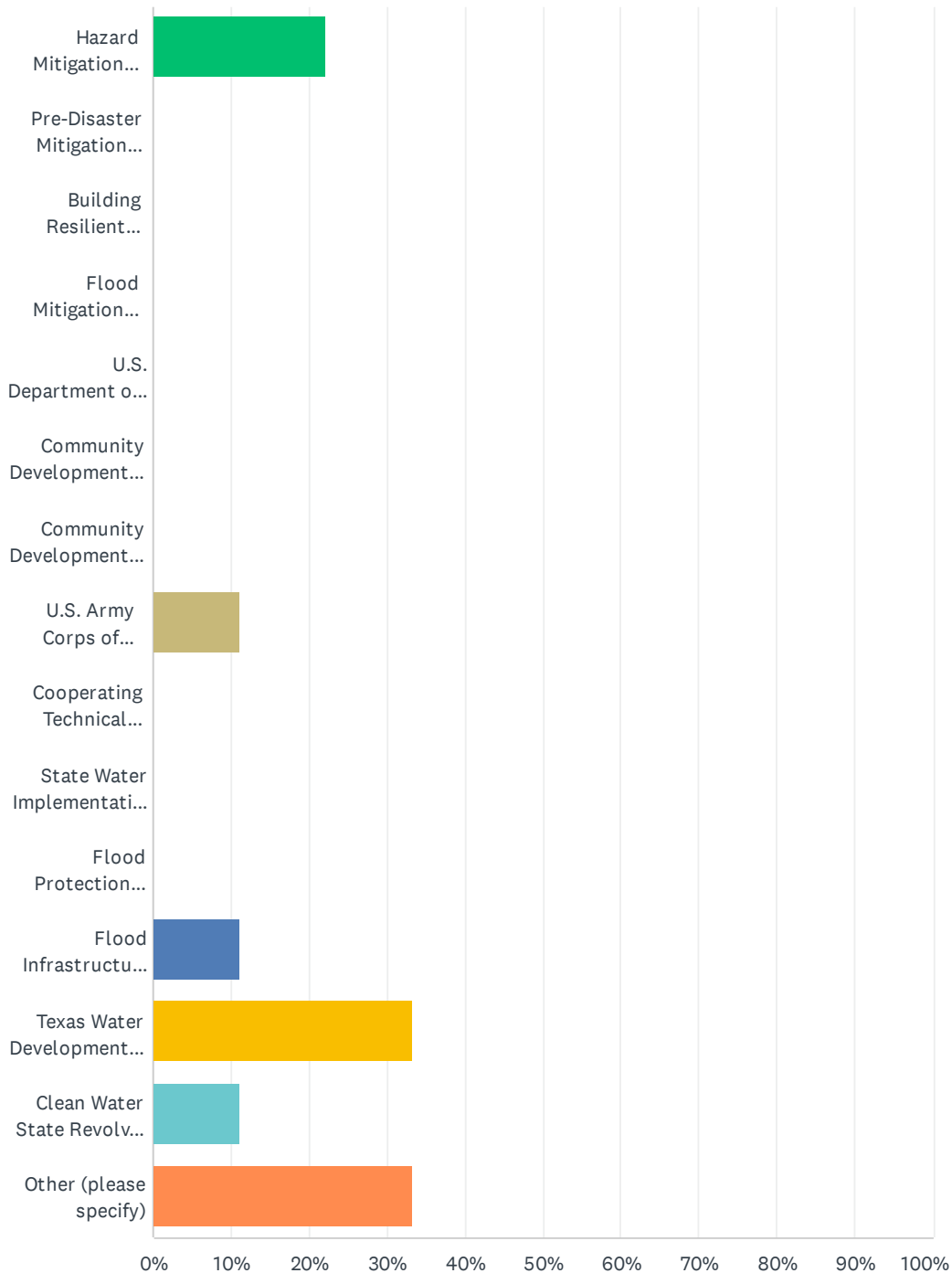
Q44 If you have a stormwater utility fee, what is the rate?

Answered: 5 Skipped: 116

#	RESPONSES	DATE
1	Refer to EPWater's website	10/15/2021 4:11 PM
2	4.51	10/12/2021 3:25 PM
3	N/A	10/2/2021 8:30 AM
4	N/A	9/24/2021 12:52 PM
5	N/A	8/17/2021 1:06 PM

Q45 In addition to local resources, if any, what other funding sources have you obtained to pay for implementation of your flood management activities? Select all that apply.

Answered: 9 Skipped: 112



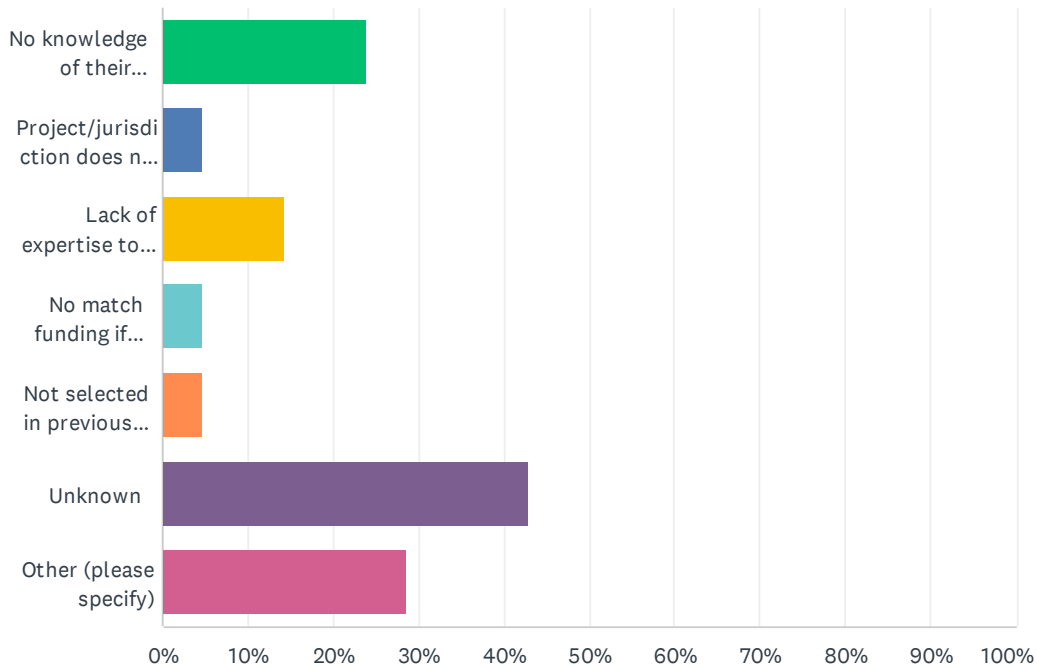
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Hazard Mitigation Grant Program (HMGP) [FEMA, TDEM]	22.22%	2
Pre-Disaster Mitigation (PDM) [FEMA, TDEM]	0.00%	0
Building Resilient Infrastructure and Communities (BRIC) [FEMA, TDEM]	0.00%	0
Flood Mitigation Agriculture (FMA) [FEMA, TDEM]	0.00%	0
U.S. Department of Agriculture - National Resources Conservation Service (NRCS)	0.00%	0
Community Development Block Grant - Disaster Recovery (CDNG-DR) [HUD, GLO]	0.00%	0
Community Development Block Grant - Mitigation (CDNG-DMIT) [HUD, GLO]	0.00%	0
U.S. Army Corps of Engineers Small Continuing Authorities Program (USACE CAP)	11.11%	1
Cooperating Technical Partners (CTP) [TWDB]	0.00%	0
State Water Implementation Fund for Texas (SWIFT) [TWDB]	0.00%	0
Flood Protection Planning Grant [TWDB]	0.00%	0
Flood Infrastructure Funding (FIF) [TWDB]	11.11%	1
Texas Water Development Board (DFund) [TWDB]	33.33%	3
Clean Water State Revolving Fund (CWSRF) [TWDB]	11.11%	1
Other (please specify)	33.33%	3
Total Respondents: 9		

#	OTHER (PLEASE SPECIFY)	DATE
1	Best Practices	10/14/2021 10:01 AM
2	nadb	10/12/2021 3:25 PM
3	N/A	9/24/2021 12:52 PM

Q46 Are there reasons why your jurisdiction does not seek other funding sources to pay for implementation of your flood management activities? Select all that apply?

Answered: 21 Skipped: 100



ANSWER CHOICES	RESPONSES	
No knowledge of their funding sources	23.81%	5
Project/jurisdiction does not meet requirements	4.76%	1
Lack of expertise to apply for funding	14.29%	3
No match funding if required local share	4.76%	1
Not selected in previous submissions by funding agents	4.76%	1
Unknown	42.86%	9
Other (please specify)	28.57%	6
Total Respondents: 21		

#	OTHER (PLEASE SPECIFY)	DATE
1	federally-funded projects cannot be augmented with local funds	10/15/2021 5:15 PM
2	We are always seeking other funding opportunities	10/15/2021 4:11 PM
3	Have applied and not been awarded	10/13/2021 2:50 PM
4	Counties resposibility	9/24/2021 12:52 PM
5	Obtained differnt type of funding	9/20/2021 11:43 AM

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

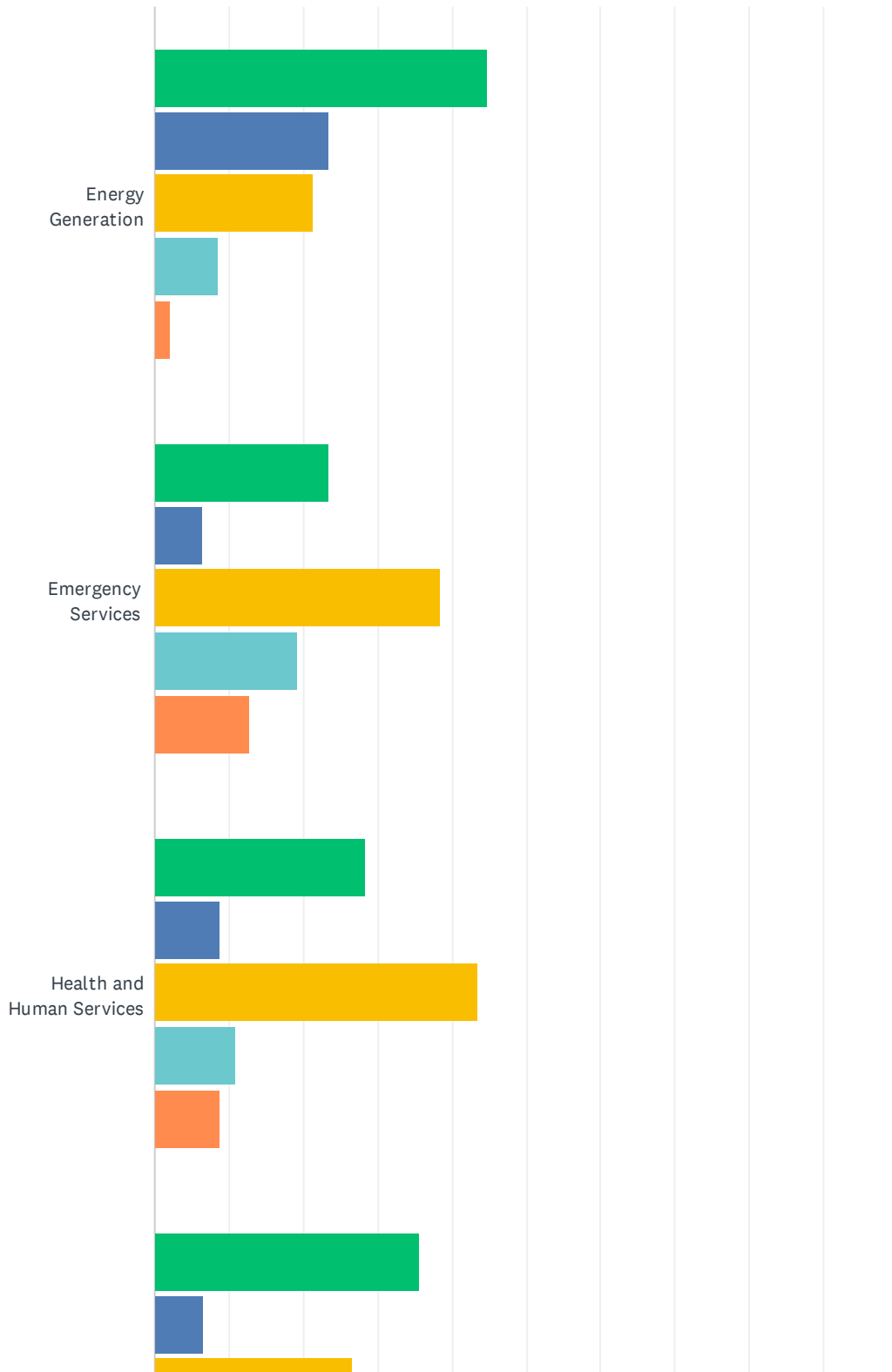
6

Not selected in previous submissions

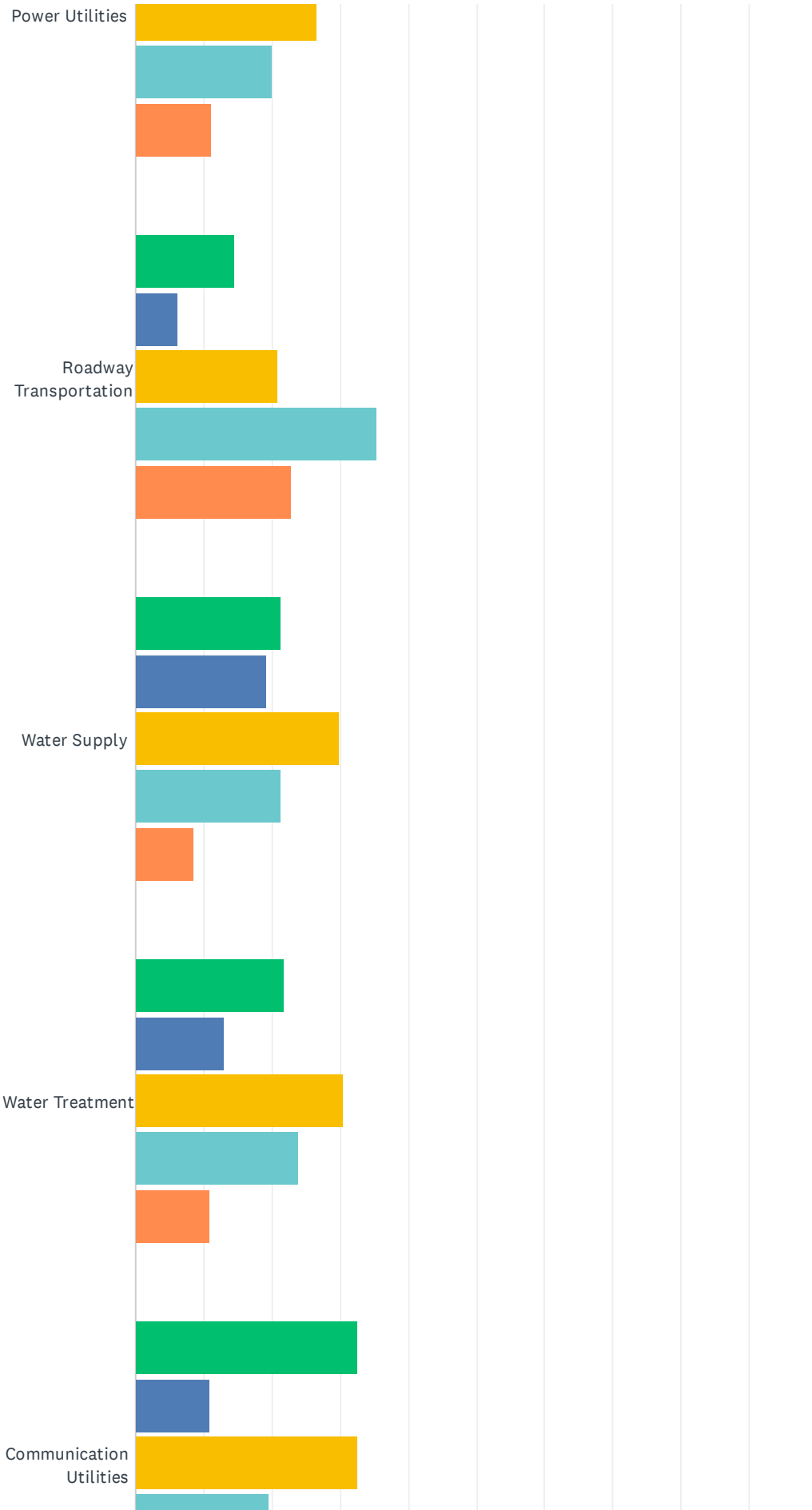
8/17/2021 1:06 PM

Q47 Based upon experience with the past floods and findings from studies, please indicate the anticipated exposure to flooding for the following assets/service categories within your jurisdiction.

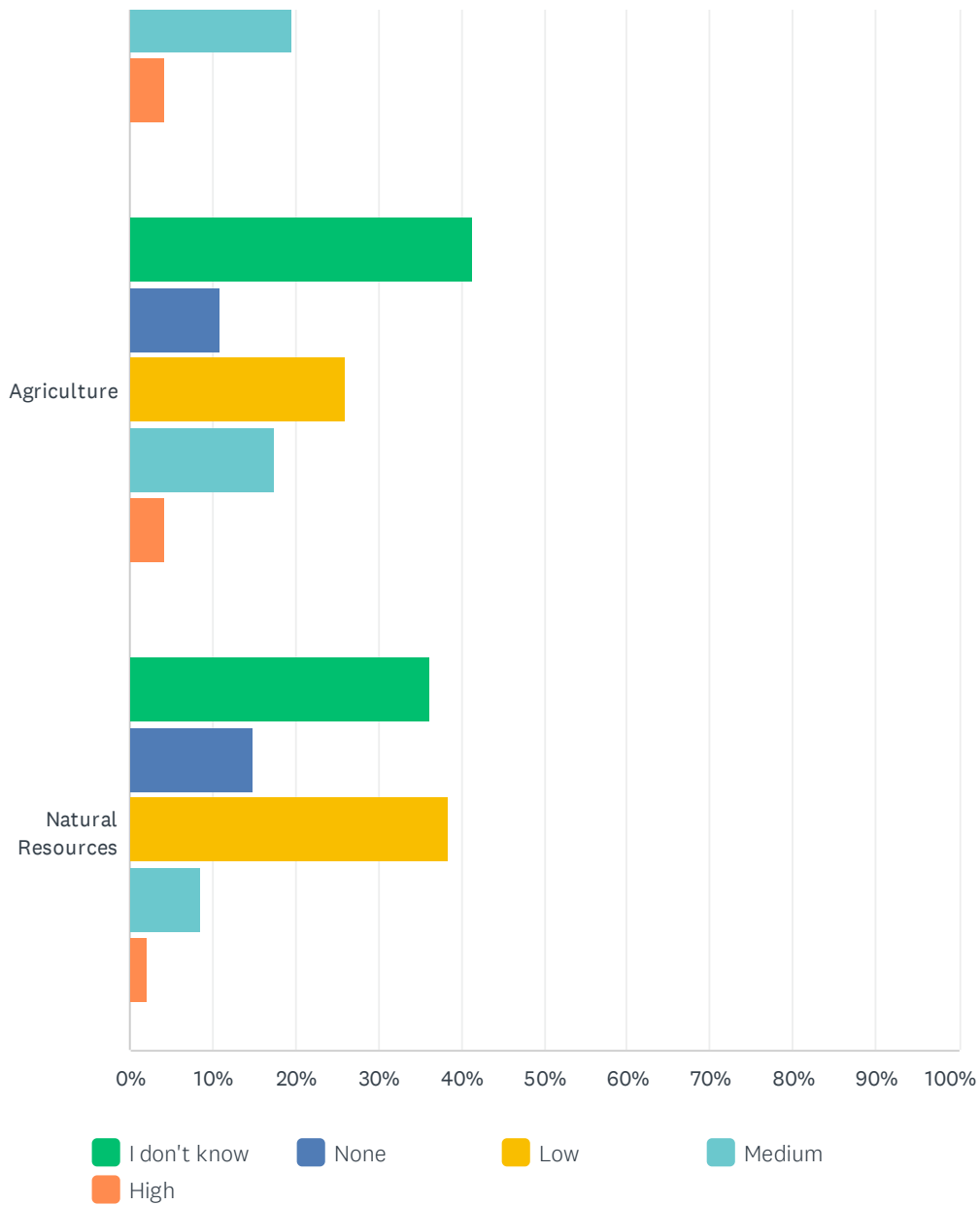
Answered: 50 Skipped: 71



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

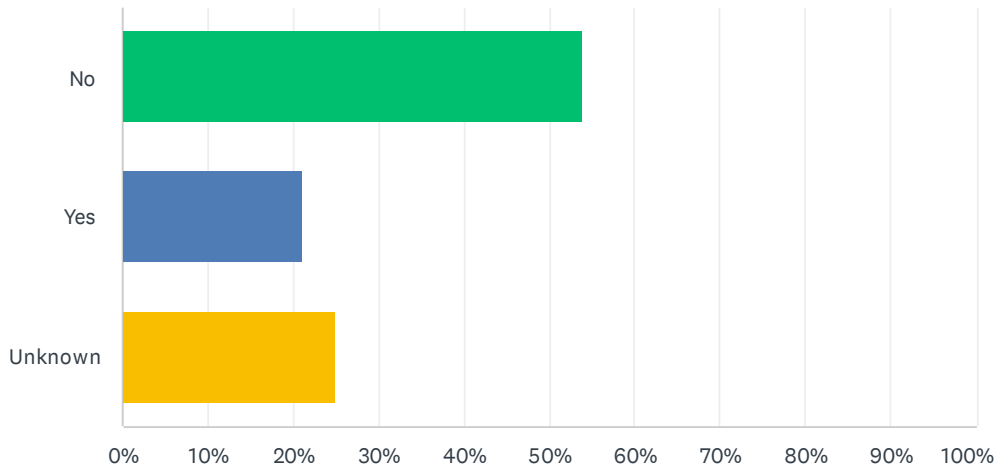


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	I DON'T KNOW	NONE	LOW	MEDIUM	HIGH	TOTAL
Energy Generation	44.68% 21	23.40% 11	21.28% 10	8.51% 4	2.13% 1	47
Emergency Services	23.40% 11	6.38% 3	38.30% 18	19.15% 9	12.77% 6	47
Health and Human Services	28.26% 13	8.70% 4	43.48% 20	10.87% 5	8.70% 4	46
Power Utilities	35.56% 16	6.67% 3	26.67% 12	20.00% 9	11.11% 5	45
Roadway Transportation	14.58% 7	6.25% 3	20.83% 10	35.42% 17	22.92% 11	48
Water Supply	21.28% 10	19.15% 9	29.79% 14	21.28% 10	8.51% 4	47
Water Treatment	21.74% 10	13.04% 6	30.43% 14	23.91% 11	10.87% 5	46
Communication Utilities	32.61% 15	10.87% 5	32.61% 15	19.57% 9	4.35% 2	46
Agriculture	41.30% 19	10.87% 5	26.09% 12	17.39% 8	4.35% 2	46
Natural Resources	36.17% 17	14.89% 7	38.30% 18	8.51% 4	2.13% 1	47

Q48 Does your organization maintain a database of stormwater related complaints, gauge data, high-water marks, and/or estimated damages for historical flood events?

Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
No	53.85%	28
Yes	21.15%	11
Unknown	25.00%	13
TOTAL		52

Note: Q49 responses have been partially redacted to omit phone numbers and email addresses for privacy

Q49 If your community is willing to provide further information on historical flood events (such as complaints, gauge data, high-water marks, or estimated damages), please provide a point of contact.

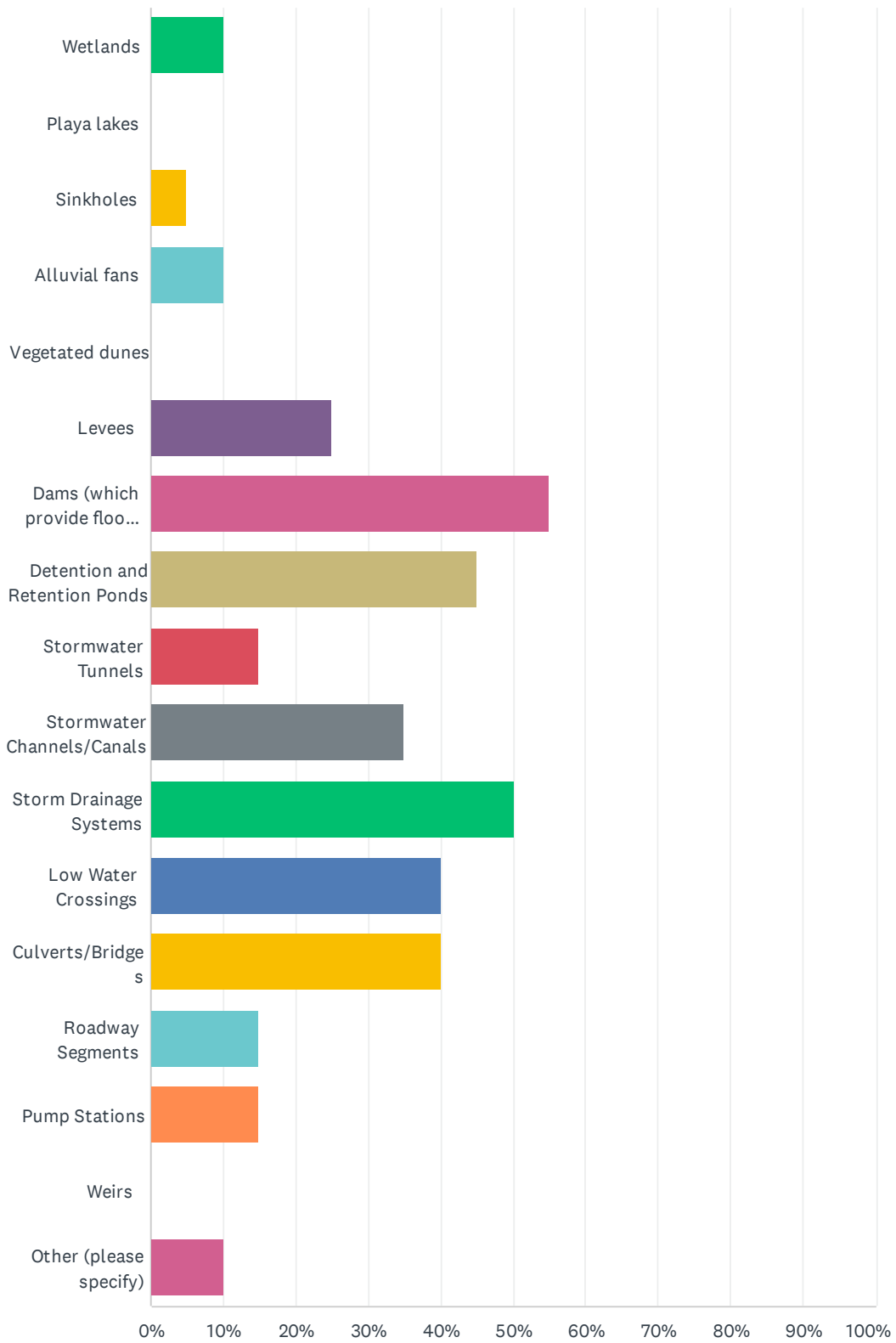
Answered: 15 Skipped: 106

#	RESPONSES	DATE
1	We hold conservation easements on City of El Paso Lands and own a nature preserve, all urban. Happy to share what we know. Janae Reneaud Field: [REDACTED]	1/13/2022 5:17 PM
2	Antonio Santana	10/19/2021 5:03 PM
3	Gisela Dagnino [REDACTED]	10/15/2021 4:13 PM
4	County Offices	10/15/2021 10:28 AM
5	N/A	10/15/2021 9:25 AM
6	Yes	10/15/2021 9:11 AM
7	N/A	10/14/2021 9:29 AM
8	Stephanie N. Elmore EMC [REDACTED]	10/6/2021 10:47 AM
9	Charles Wolf	10/4/2021 10:59 AM
10	Joanna (Jojo) MacKenzie, NRP Emergency Management Coordinator/County Administrator [REDACTED] www.co.hudspeth.tx.us	10/4/2021 9:34 AM
11	Cecil Lee. Water board president	10/2/2021 8:34 AM
12	Meredith, [REDACTED] - we have rainfall data with computerized tipping buckets and water level data taken monthly.	9/29/2021 2:05 PM
13	Jose Ramirez [REDACTED]	9/24/2021 12:54 PM
14	Honorable Fred Deaton Crockett County Judge PO Box 1857 Ozona, TX 76943 [REDACTED]	9/17/2021 10:24 AM
15	Superintendent Jaquez [REDACTED]	9/16/2021 10:20 AM

Q50 Does your organization maintain any geospatial (GIS) files for any of the following natural flood mitigation features or constructed major flood infrastructure types? If yes, select all that apply. If no, please leave blank.

Answered: 20 Skipped: 101

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



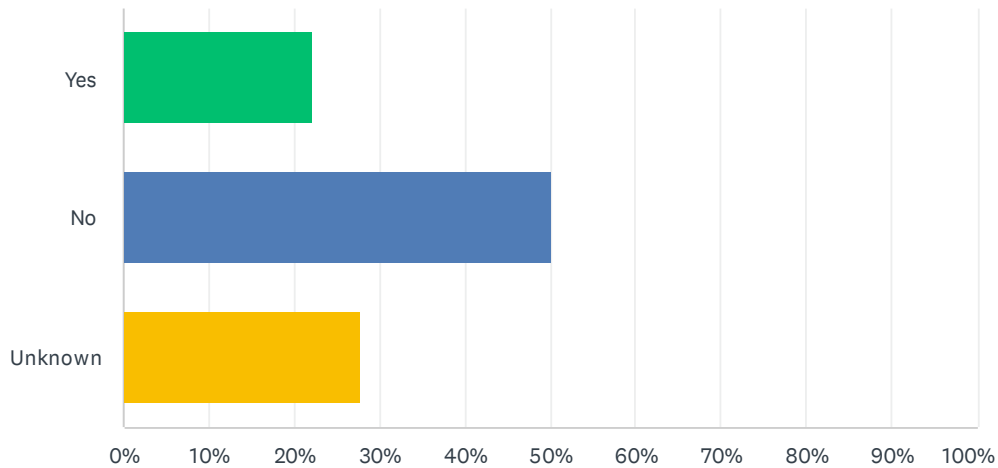
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Wetlands	10.00%	2
Playa lakes	0.00%	0
Sinkholes	5.00%	1
Alluvial fans	10.00%	2
Vegetated dunes	0.00%	0
Levees	25.00%	5
Dams (which provide flood protection)	55.00%	11
Detention and Retention Ponds	45.00%	9
Stormwater Tunnels	15.00%	3
Stormwater Channels/Canals	35.00%	7
Storm Drainage Systems	50.00%	10
Low Water Crossings	40.00%	8
Culverts/Bridges	40.00%	8
Roadway Segments	15.00%	3
Pump Stations	15.00%	3
Weirs	0.00%	0
Other (please specify)	10.00%	2
Total Respondents: 20		

#	OTHER (PLEASE SPECIFY)	DATE
1	No GIS files on record.	10/15/2021 9:23 AM
2	Please look in the National Levee Database (https://levees.sec.usace.army.mil/#/) and National Inventory of Dams(https://nid.usace.army.mil/ords/f?p=105:1:.....)	10/7/2021 2:37 PM

Q51 Does your organization maintain any geospatial (GIS) files for any critical infrastructures features (examples include fire stations, police stations, emergency shelters, water and wastewater treatment plants, power generating facilities, power transmitting facilities, assisted living facilities, nursing homes)?

Answered: 54 Skipped: 67



ANSWER CHOICES		RESPONSES	
Yes		22.22%	12
No		50.00%	27
Unknown		27.78%	15
TOTAL			54

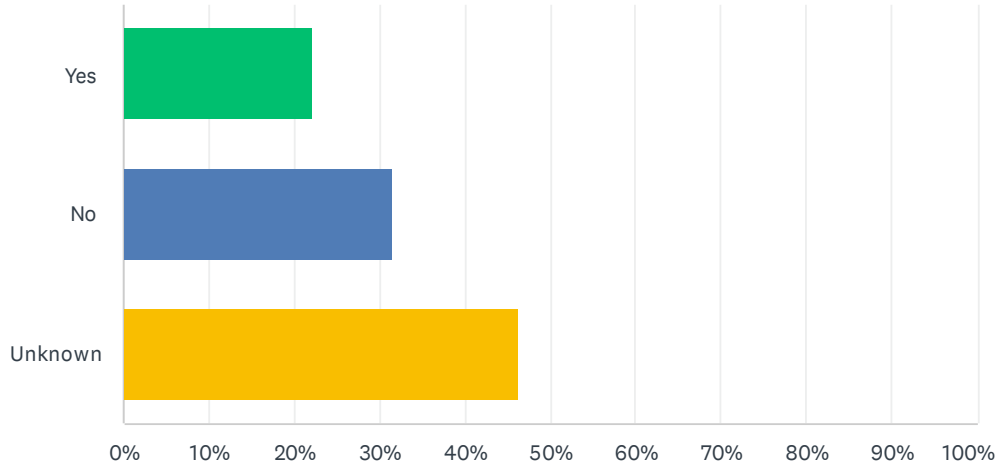
Q52 If your jurisdiction is willing to share geospatial files for existing infrastructure, please provide a point of contact below including a phone number or email for us to reach out for this information. Note: For adding a small number of geospatial features, you may also add your data using the GIS data collection app linked at the end of this survey.

Answered: 6 Skipped: 115

#	RESPONSES	DATE
1	county offices	10/15/2021 10:30 AM
2	N/A	10/15/2021 9:23 AM
3	Can be downloaded from databases	10/7/2021 2:37 PM
4	Jerry D Bullard	10/2/2021 8:39 AM
5	Norma Rivera-Palacios	9/29/2021 2:41 PM
6	please contact later as the gis is currently under construction.	9/17/2021 10:25 AM

Q53 Does your jurisdiction have flood infrastructure that provides water quality benefits?

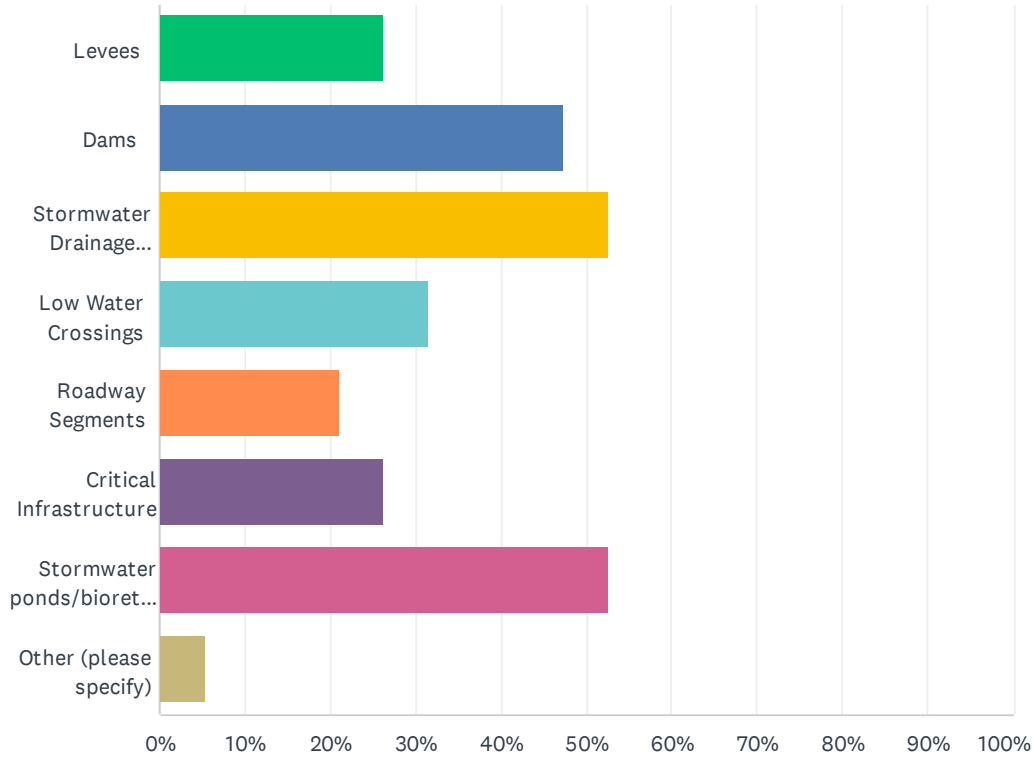
Answered: 54 Skipped: 67



ANSWER CHOICES	RESPONSES	
Yes	22.22%	12
No	31.48%	17
Unknown	46.30%	25
TOTAL		54

Q54 If so, which of the features provide water quality benefit? Select all that apply.

Answered: 19 Skipped: 102



ANSWER CHOICES	RESPONSES
Levees	26.32% 5
Dams	47.37% 9
Stormwater Drainage Systems	52.63% 10
Low Water Crossings	31.58% 6
Roadway Segments	21.05% 4
Critical Infrastructure	26.32% 5
Stormwater ponds/bioretention	52.63% 10
Other (please specify)	5.26% 1
Total Respondents: 19	

#	OTHER (PLEASE SPECIFY)	DATE
1	yes, if you consider open natural lands with arroyos	1/13/2022 5:18 PM

Note: Q55 responses have been partially redacted to omit phone numbers and email addresses for privacy

Q55 Does your organization maintain a database of the condition and/or age of stormwater infrastructure in your community. If so, please provide a point of contact below including a phone number or email for us to reach out for this information.

Answered: 10 Skipped: 111

#	RESPONSES	DATE
1	NO	10/15/2021 1:34 PM
2	No	10/15/2021 10:30 AM
3	No	10/15/2021 9:23 AM
4	Yes	10/14/2021 10:07 AM
5	N/A	10/14/2021 9:29 AM
6	National Levee Database and National Inventory of Dams, see question 50.	10/7/2021 2:37 PM
7	Unknown	10/4/2021 9:38 AM
8	N/A	10/2/2021 8:39 AM
9	Albert Valle, CFM Public Works Director Town of Horizon City 14999 Darrington Road Horizon City, TX 79928 Cell Number: [REDACTED]	9/20/2021 11:49 AM
10	Jorge Morales [REDACTED]	8/17/2021 1:17 PM

Note: Q56 responses have been partially redacted to omit phone numbers and email addresses for privacy

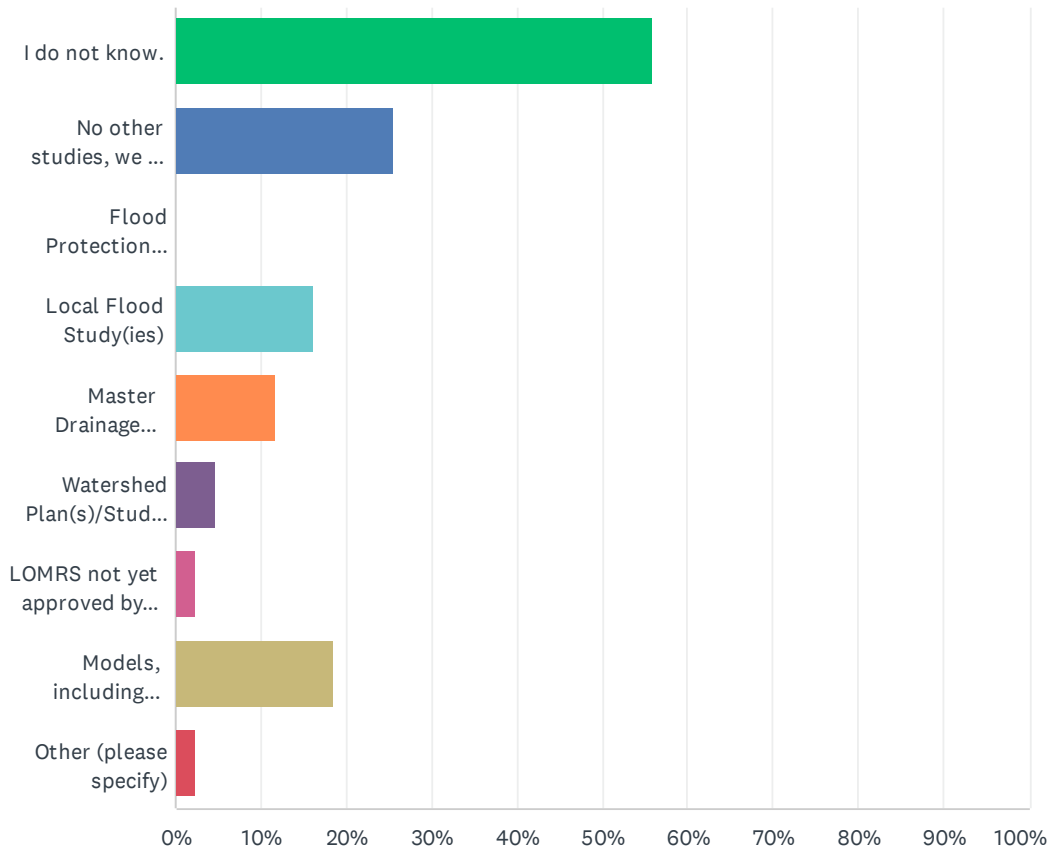
Q56 Does your organization maintain a library of as-built plans for construction stormwater infrastructure in your community. If so, please provide a point of contact below including a phone number or email for us to reach out for this information.

Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	NO	10/15/2021 1:34 PM
2	No	10/15/2021 10:30 AM
3	DANIEL MARTINEZ [REDACTED]	10/15/2021 9:30 AM
4	No at the City. But local TxDot may have maps.	10/15/2021 9:23 AM
5	Yes	10/14/2021 10:07 AM
6	N/A	10/14/2021 9:29 AM
7	myself	10/7/2021 2:37 PM
8	County Clerk [REDACTED]	10/4/2021 10:47 AM
9	Unknwon	10/4/2021 9:38 AM
10	N/A	10/2/2021 8:39 AM
11	Albert Valle, CFM Public Works Director Town of Horizon City 14999 Darrington Road Horizon City, TX 79928 [REDACTED]	9/20/2021 11:49 AM
12	Jorge Morales [REDACTED] Gilbert Saldana [REDACTED]	8/17/2021 1:17 PM

Q57 Which of the following is used to define best available flood risk (floodplains) in your community or jurisdiction in addition to FEMA studies and Base Level Engineering? Select all that apply.

Answered: 43 Skipped: 78



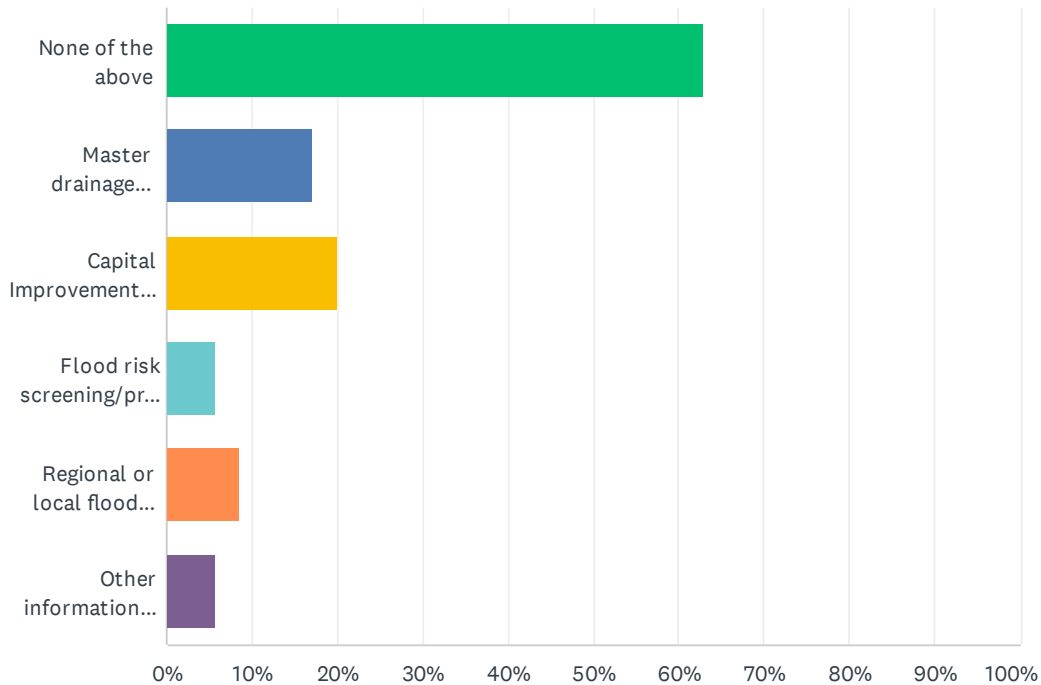
ANSWER CHOICES	RESPONSES	
I do not know.	55.81%	24
No other studies, we use FEMA maps, studies or Base Level Engineering (no need to upload these)	25.58%	11
Flood Protection Plan(s)	0.00%	0
Local Flood Study(ies)	16.28%	7
Master Drainage Plan(s)/Stormwater Drainage Plan(s)	11.63%	5
Watershed Plan(s)/Study(ies)	4.65%	2
LOMRS not yet approved by FEMA	2.33%	1
Models, including hydrology, hydraulics and or any available screening level models (H&H models) that you consider to be the best available data for your jurisdiction.	18.60%	8
Other (please specify)	2.33%	1
Total Respondents: 43		

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

#	OTHER (PLEASE SPECIFY)	DATE
1	ISD has had surveying and considered flood zones for new construction.	10/4/2021 9:45 AM

Q58 Which of the following planning documents or information does your jurisdiction have that identify flood risk reduction activities (these may include evaluations, strategies, and/or projects) for consideration by the regional flood planning group? Select all that apply.

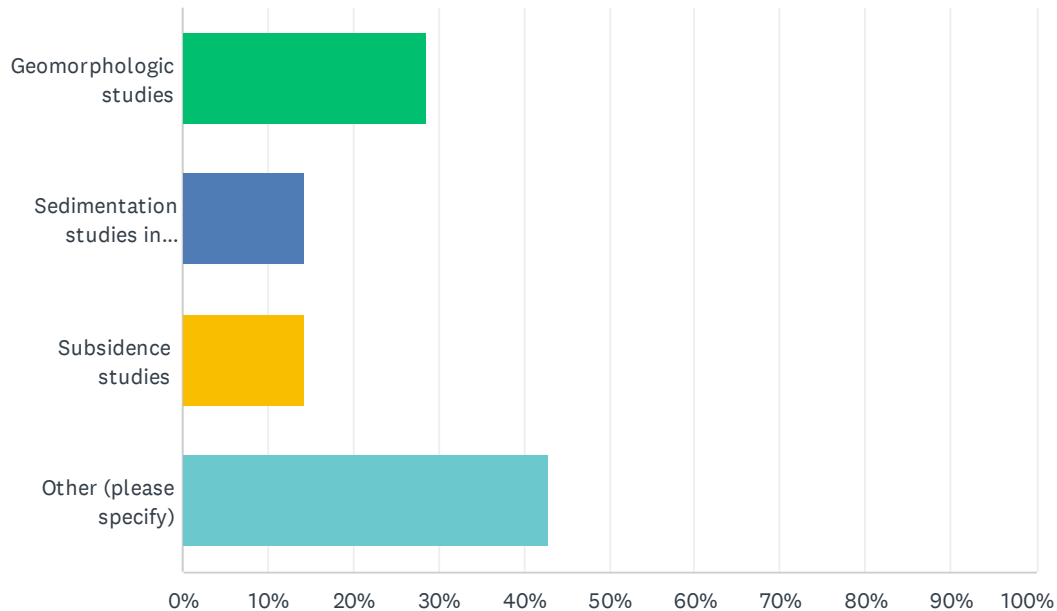
Answered: 35 Skipped: 86



ANSWER CHOICES	RESPONSES
None of the above	62.86% 22
Master drainage plan(s)	17.14% 6
Capital Improvement Projects to reduce flood risk	20.00% 7
Flood risk screening/prioritization tools	5.71% 2
Regional or local flood risk reduction studies	8.57% 3
Other information relevant to the RFPG	5.71% 2
Total Respondents: 35	

Q59 Which of the following flood planning documents or information does your jurisdiction have that you would like to provide to the regional flood planning group? Select all that apply?

Answered: 7 Skipped: 114

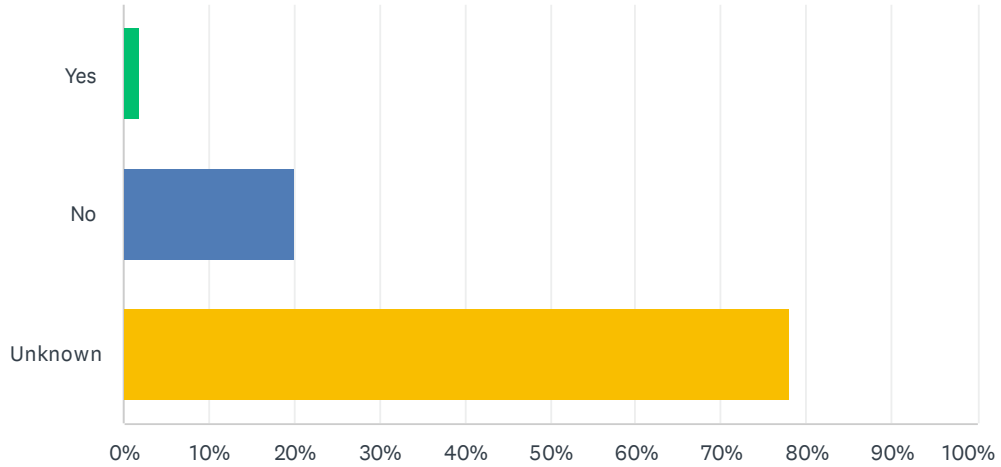


ANSWER CHOICES	RESPONSES
Geomorphologic studies	28.57% 2
Sedimentation studies in flood control structures	14.29% 1
Subsidence studies	14.29% 1
Other (please specify)	42.86% 3
Total Respondents: 7	

#	OTHER (PLEASE SPECIFY)	DATE
1	TBD	10/14/2021 10:17 AM
2	Geotechnical testing reports along with drainage plans available.	10/4/2021 9:45 AM
3	2020 Stormwater Master Plan	8/17/2021 1:38 PM

Q60 Do any flood studies in your community include a future impervious cover analysis?

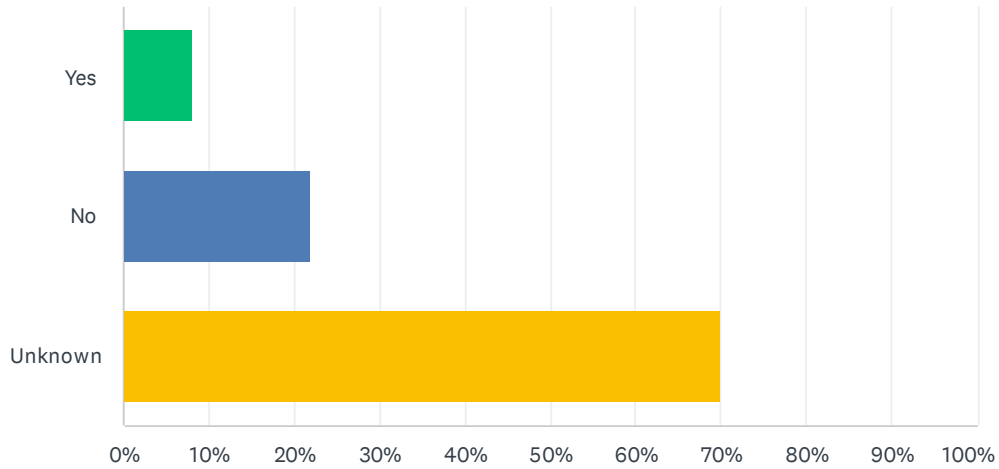
Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES
Yes	2.00% 1
No	20.00% 10
Unknown	78.00% 39
TOTAL	50

Q61 Do any flood studies in your community include a future precipitation analysis?

Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES
Yes	8.00% 4
No	22.00% 11
Unknown	70.00% 35
TOTAL	50

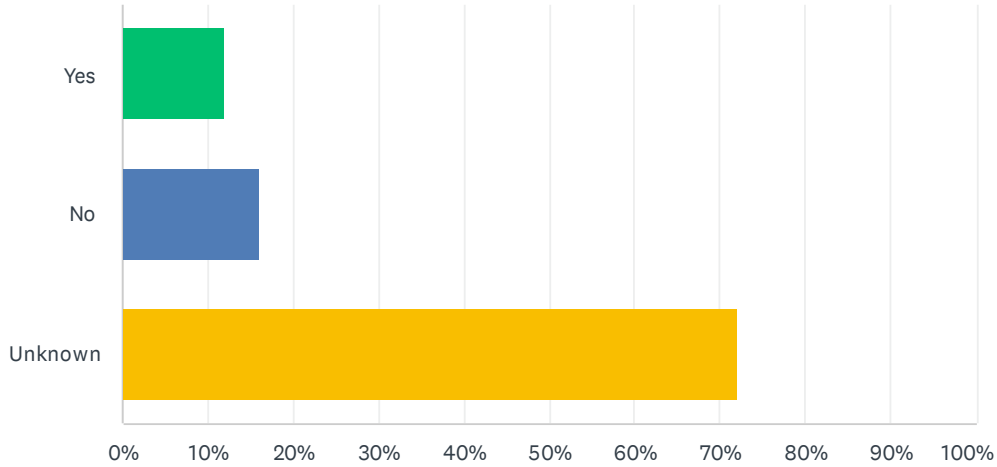
Q62 If your jurisdiction is willing to share the best available flood risk or flood mitigation studies that you would like considered for inclusion in the plan, please provide contact information including a phone number or email address for us to reach out for this information.

Answered: 5 Skipped: 116

#	RESPONSES	DATE
1	None	10/15/2021 10:34 AM
2	[REDACTED]	10/14/2021 10:17 AM
3	Sutton County Water District	10/9/2021 2:00 PM
4	[REDACTED]	10/5/2021 9:46 PM
5	Greg Velasquez [REDACTED]	9/16/2021 9:38 AM

Q63 Do any flood studies in your community identify opportunities for further flood evaluations (FMEs), strategies (FMSs), or projects (FMPs)?

Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES	
Yes	12.00%	6
No	16.00%	8
Unknown	72.00%	36
TOTAL		50

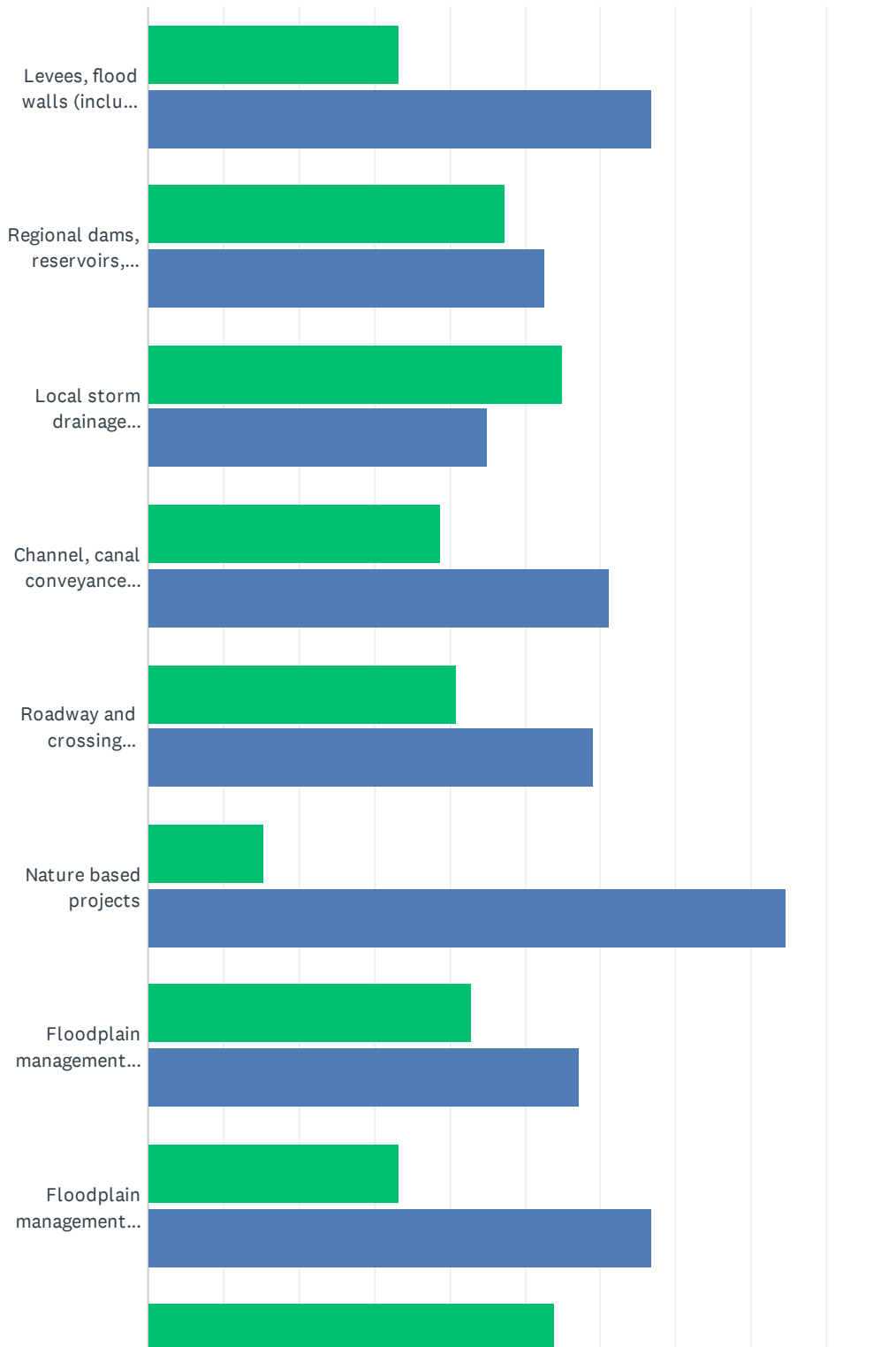
Q64 If you have any other comments or notes to add related to the flood studies provided or other flood studies, please note them below:

Answered: 7 Skipped: 114

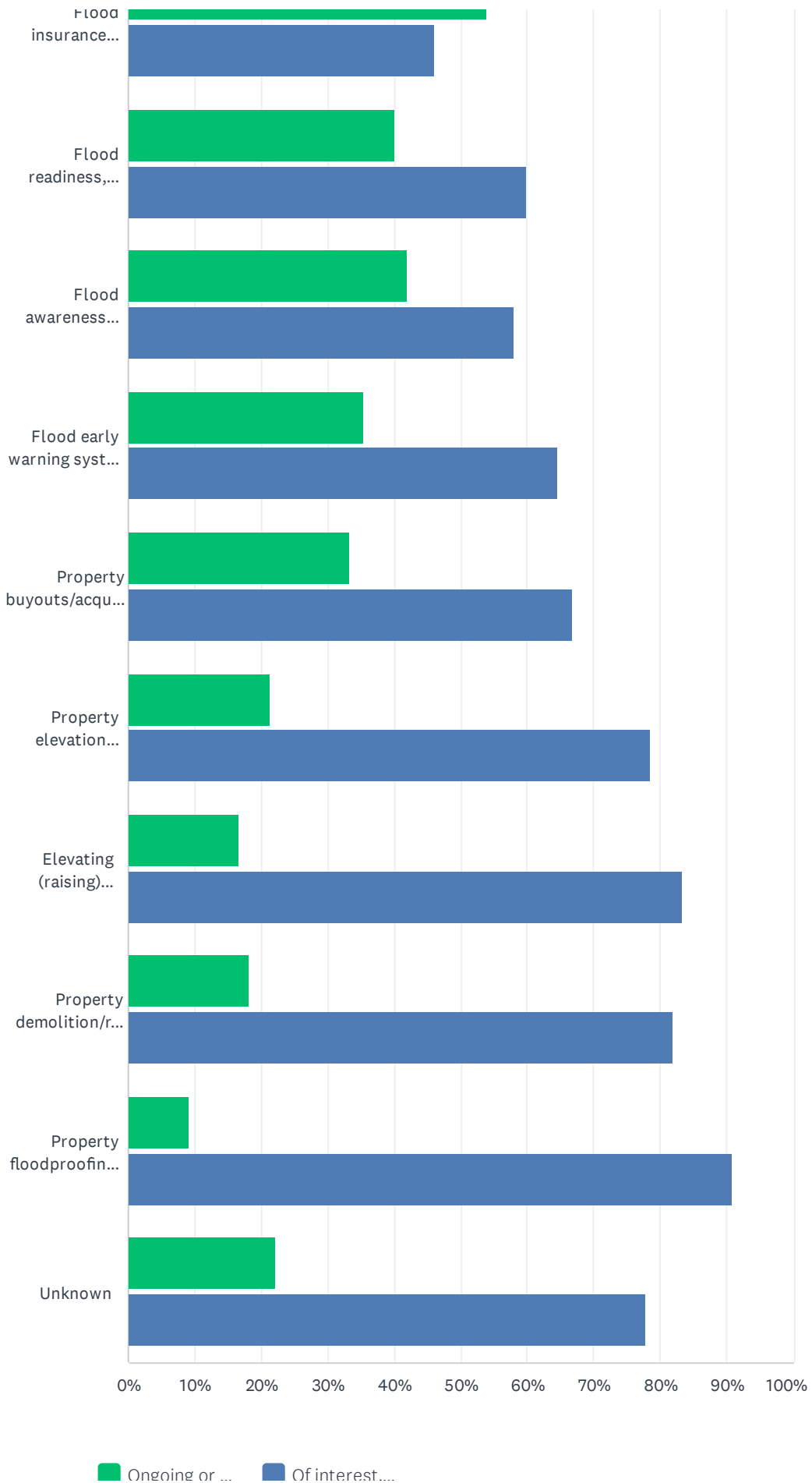
#	RESPONSES	DATE
1	None	10/15/2021 10:34 AM
2	UTEP is already working with EPWU to address the flood concern that the campus has related to Flow Path 23	10/14/2021 10:17 AM
3	Have never seen a flood map for this county, Have been told it never has been done.	10/14/2021 9:52 AM
4	A community lack of storm water drainage creates major flooding. The impact is quite disasterous as most roads are unpaved resulting in families being unable to drive to school.	10/4/2021 9:45 AM
5	Johny R Sheets Commissioner PCT 3 915 2509925	10/2/2021 2:20 PM
6	El Paso County Public Works Strategic Plan includes updating flood evaluations.	9/29/2021 11:42 AM
7	2020 Stormwater Master Plan	8/17/2021 1:38 PM

Q65 What, if any, flood management strategies or flood mitigation projects are currently ongoing or proposed or are not currently utilized or proposed for your community but would potentially be of interest for further evaluation? Select all that apply.

Answered: 37 Skipped: 84



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ONGOING OR PROPOSED OF INTEREST, BUT NOT ONGOING OR PROPOSED

	ONGOING OR PROPOSED	OF INTEREST, BUT NOT ONGOING OR PROPOSED	TOTAL
Levees, flood walls (include levee certification)	33.33% 5	66.67% 10	15
Regional dams, reservoirs, detention, retention basins	47.37% 9	52.63% 10	19
Local storm drainage systems, tunnels	55.00% 11	45.00% 9	20
Channel, canal conveyance improvements	38.89% 7	61.11% 11	18
Roadway and crossing improvements, bridges, culverts	40.91% 9	59.09% 13	22
Nature based projects	15.38% 2	84.62% 11	13
Floodplain management ordinances	42.86% 6	57.14% 8	14
Floodplain management orders	33.33% 4	66.67% 8	12
Flood insurance (participation in the NFIP)	53.85% 7	46.15% 6	13
Flood readiness, resilience	40.00% 6	60.00% 9	15
Flood awareness outreach and/or education	42.11% 8	57.89% 11	19
Flood early warning system, stream/rain gauge	35.29% 6	64.71% 11	17
Property buyouts/acquisition and/or relocations	33.33% 4	66.67% 8	12
Property elevation surveys	21.43% 3	78.57% 11	14
Elevating (raising) existing properties	16.67% 2	83.33% 10	12
Property demolition/reconstruction	18.18% 2	81.82% 9	11
Property floodproofing and/or flood retrofits	9.09% 1	90.91% 10	11
Unknown	22.22% 2	77.78% 7	9

#	OTHER (PLEASE SPECIFY)	DATE
1	Unknown	10/15/2021 10:34 AM
2	TDOT drainage in urban area is not sufficient to avoid property damage along Dry Devils River.	10/9/2021 2:00 PM

Q66 If your community has any specific experience or interest utilizing stormwater capture and reuse (e.g., surface reservoirs) or aquifer recharge strategies for flood mitigation, please provide more information.

Answered: 4 Skipped: 117

#	RESPONSES	DATE
1	None at this time	10/15/2021 10:34 AM
2	Land improvement project completed in 2014/15 included retention features including a pond	10/14/2021 10:17 AM
3	Unknown however a way to capture stormwater would be extremely valuable due to extreme water shortages.	10/4/2021 9:45 AM
4	N/A	8/17/2021 1:38 PM

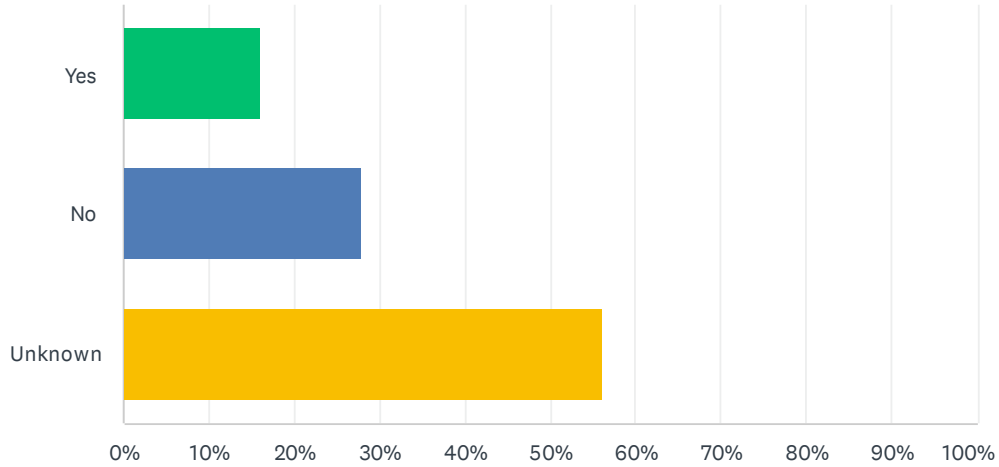
Q67 If your community maintains or has access to any flood early warning system, please provide more information (description, website, lead contact information for more details).

Answered: 7 Skipped: 114

#	RESPONSES	DATE
1	we have a public alert system	11/5/2021 10:21 AM
2	None	10/15/2021 10:34 AM
3	Alarms and texting information/internet.	10/9/2021 2:00 PM
4	Not aware of early warning systems.	10/4/2021 9:45 AM
5	Nixle Alert system	9/30/2021 1:50 PM
6	Flood early warning system may be provided on City website and City Facebook page.	9/20/2021 11:59 AM
7	N/A	8/17/2021 1:38 PM

Q68 Are any of the ongoing or proposed infrastructure or flood mitigation projects at or above a level of 30% of design?

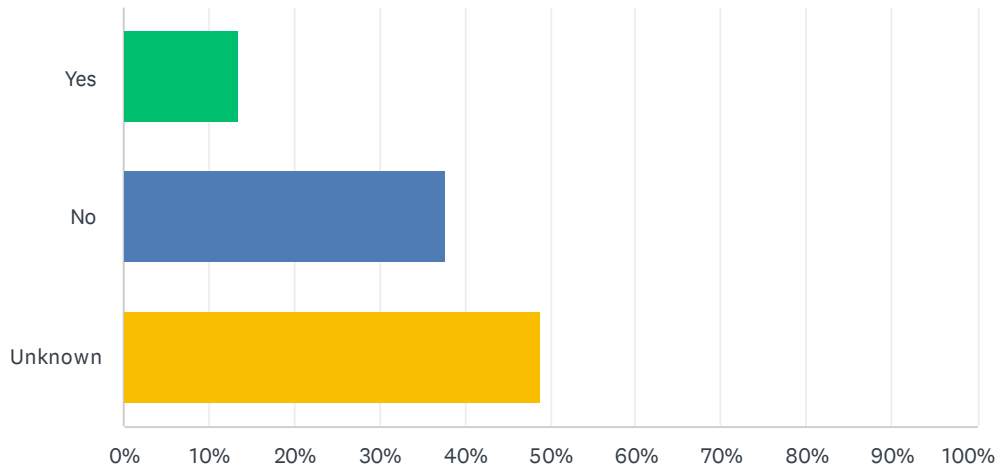
Answered: 50 Skipped: 71



ANSWER CHOICES	RESPONSES	
Yes	16.00%	8
No	28.00%	14
Unknown	56.00%	28
TOTAL		50

Q69 Are any of the ongoing or proposed infrastructure or flood mitigation projects ready for construction or under construction (with or without funding)?

Answered: 45 Skipped: 76



ANSWER CHOICES	RESPONSES	
Yes	13.33%	6
No	37.78%	17
Unknown	48.89%	22
TOTAL		45

Note: Q70 responses have been partially redacted to omit phone numbers and email addresses for privacy

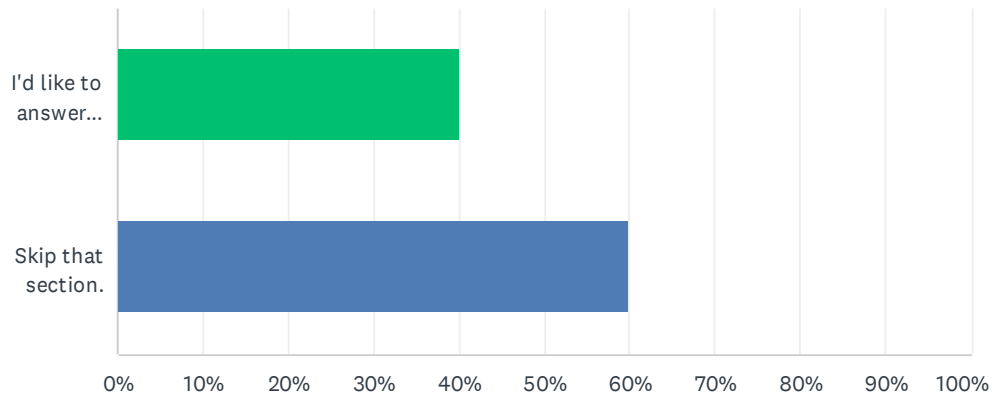
Q70 If you answered yes on the previous question, please provide contact information for more information.

Answered: 1 Skipped: 120

#	RESPONSES	DATE
1	Fernando Hernandez [REDACTED]	8/17/2021 1:38 PM

Q71 Earlier in this survey, you indicated your profession includes responsibility directly or indirectly related to flood management. Please indicate if you would like to answer a series of non-technical questions about your experience as a member of the community. If not, you can skip this section.

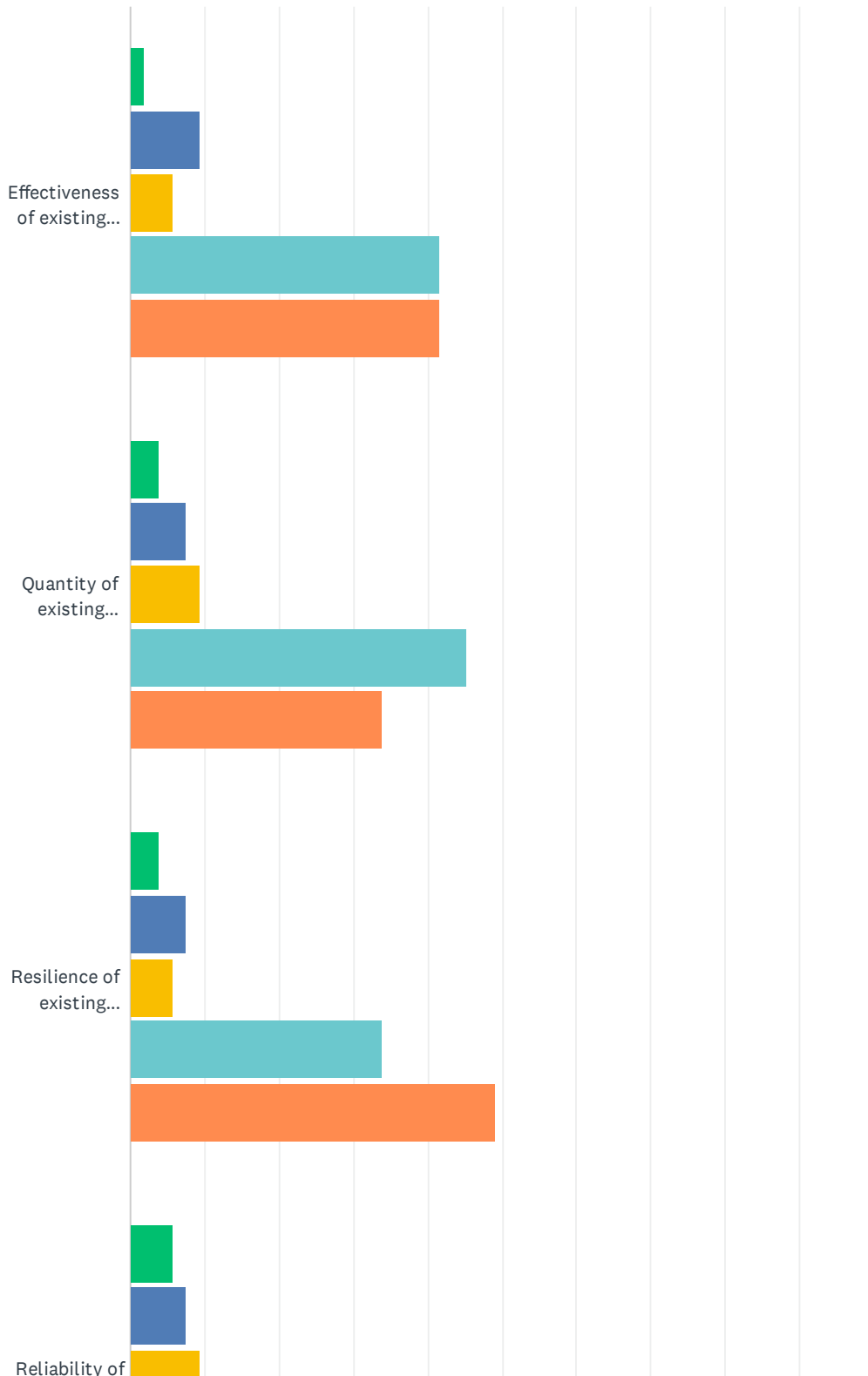
Answered: 50 Skipped: 71



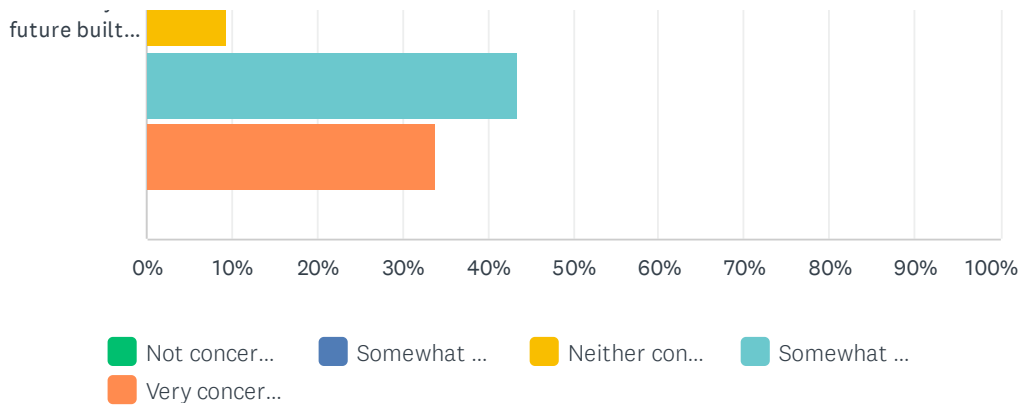
ANSWER CHOICES	RESPONSES	
I'd like to answer non-technical community questions	40.00%	20
Skip that section.	60.00%	30
TOTAL		50

Q72 Considering flooding within the counties in which you live, work or travel, how concerned are you about the following aspects of flood control infrastructure?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

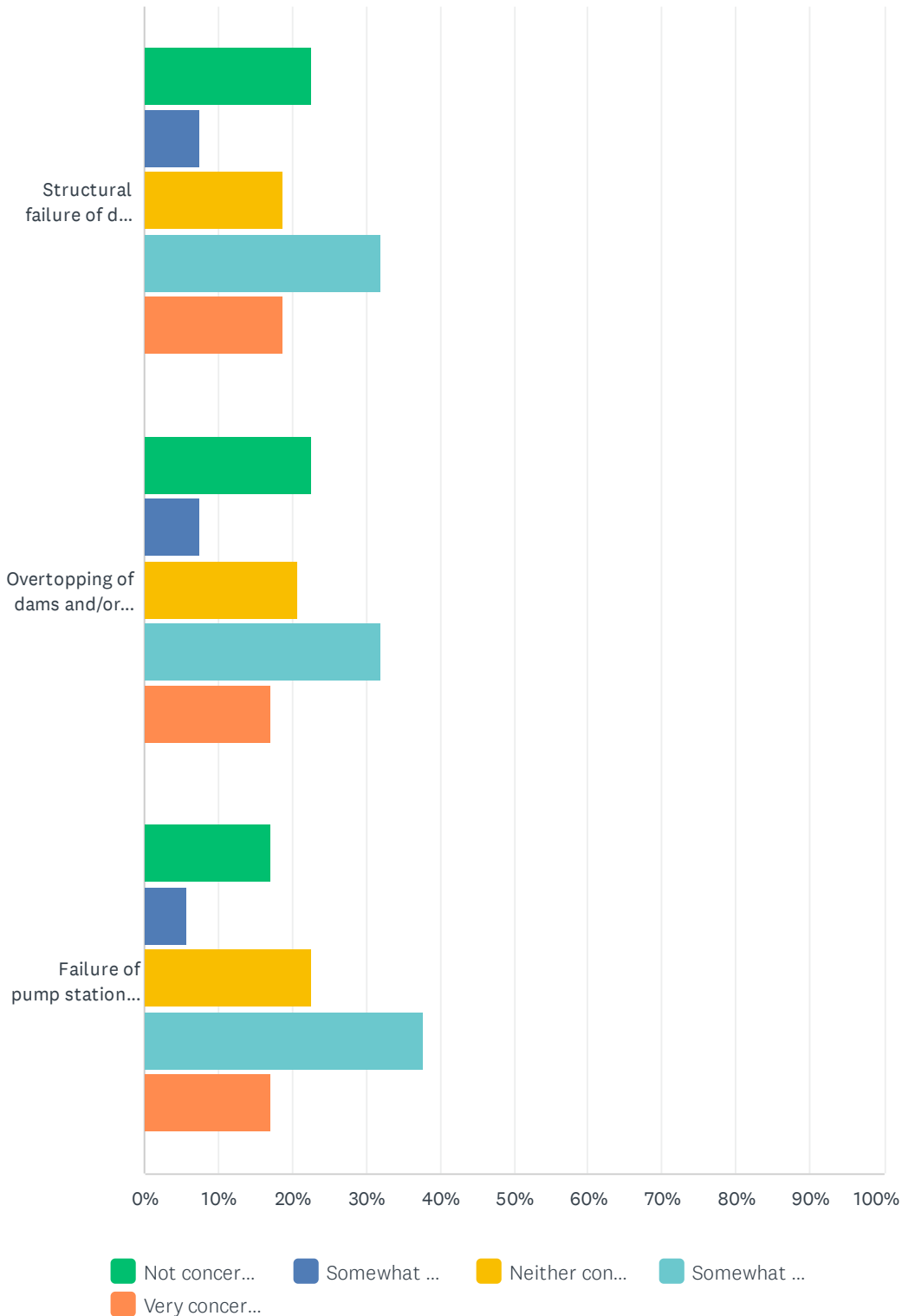


	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Effectiveness of existing infrastructure	1.89% 1	9.43% 5	5.66% 3	41.51% 22	41.51% 22	53	4.11
Quantity of existing infrastructure	3.77% 2	7.55% 4	9.43% 5	45.28% 24	33.96% 18	53	3.98
Resilience of existing infrastructure during high intensity storms	3.77% 2	7.55% 4	5.66% 3	33.96% 18	49.06% 26	53	4.17
Reliability of future built infrastructure	5.66% 3	7.55% 4	9.43% 5	43.40% 23	33.96% 18	53	3.92

#	OTHER (PLEASE SPECIFY)	DATE
1	There is no infrastructure.	10/9/2021 4:31 PM
2	Lack of local expertise in rural / small communities that limit them from addressing flood concerns	10/4/2021 10:33 AM
3	System maintenance is as critical as the projects or maybe more important	10/1/2021 2:39 PM
4	We need to pay more attention to the natural flow of water down the mountain. It has been hampered by inadequate construction and poor planning.	9/17/2021 12:36 AM

Q73 Considering riverine flooding (i.e. flooding from the Rio Grande or Pecos River caused by upstream precipitation or snowmelt), how concerned are you about each of the potential scenarios?

Answered: 53 Skipped: 68



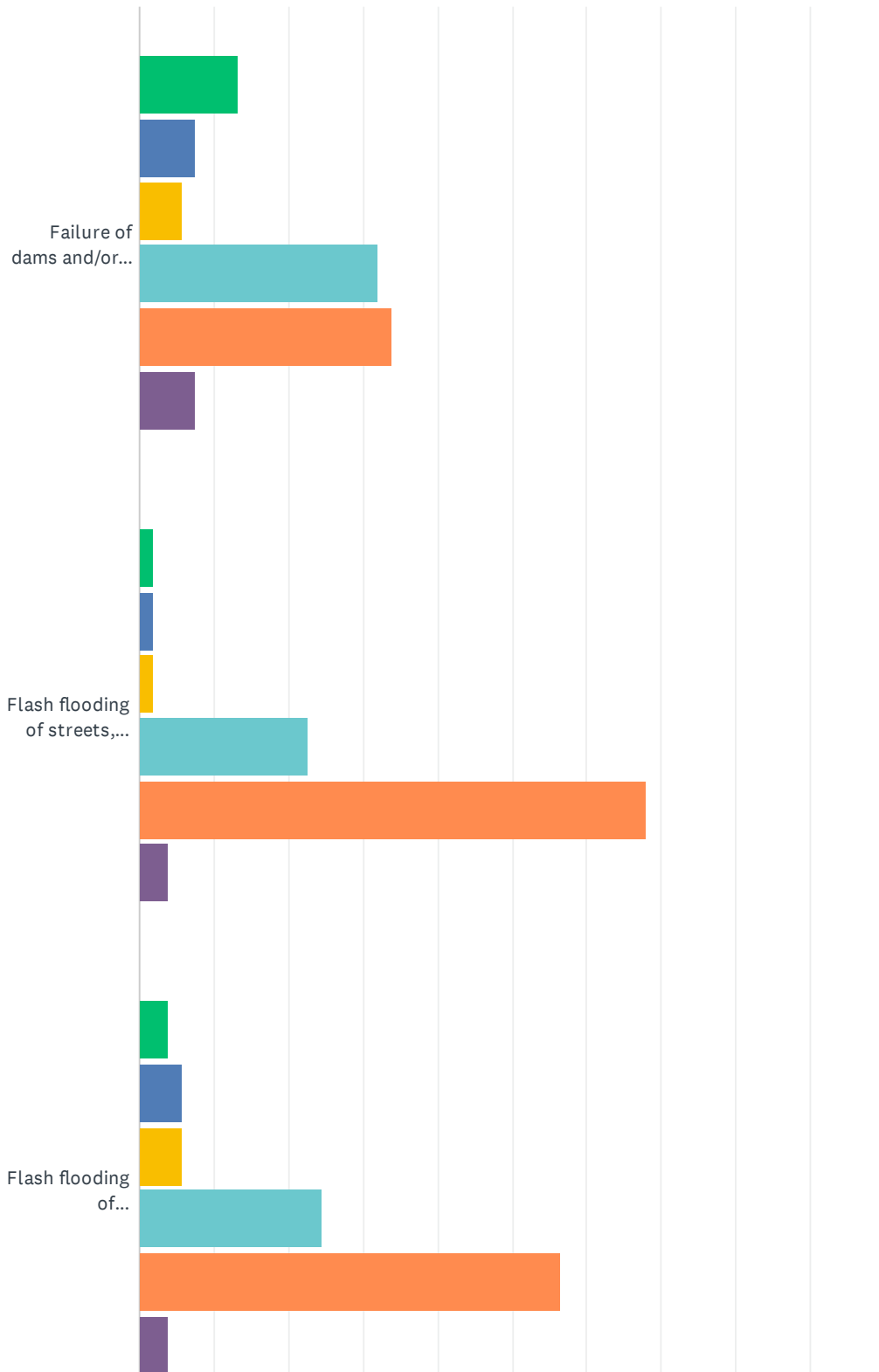
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Structural failure of dams and/or levees.	22.64% 12	7.55% 4	18.87% 10	32.08% 17	18.87% 10	53	3.17
Overtopping of dams and/or levees.	22.64% 12	7.55% 4	20.75% 11	32.08% 17	16.98% 9	53	3.13
Failure of pump stations, floodgates or other infrastructure intended to be resilient against extreme flooding and power outages.	16.98% 9	5.66% 3	22.64% 12	37.74% 20	16.98% 9	53	3.32

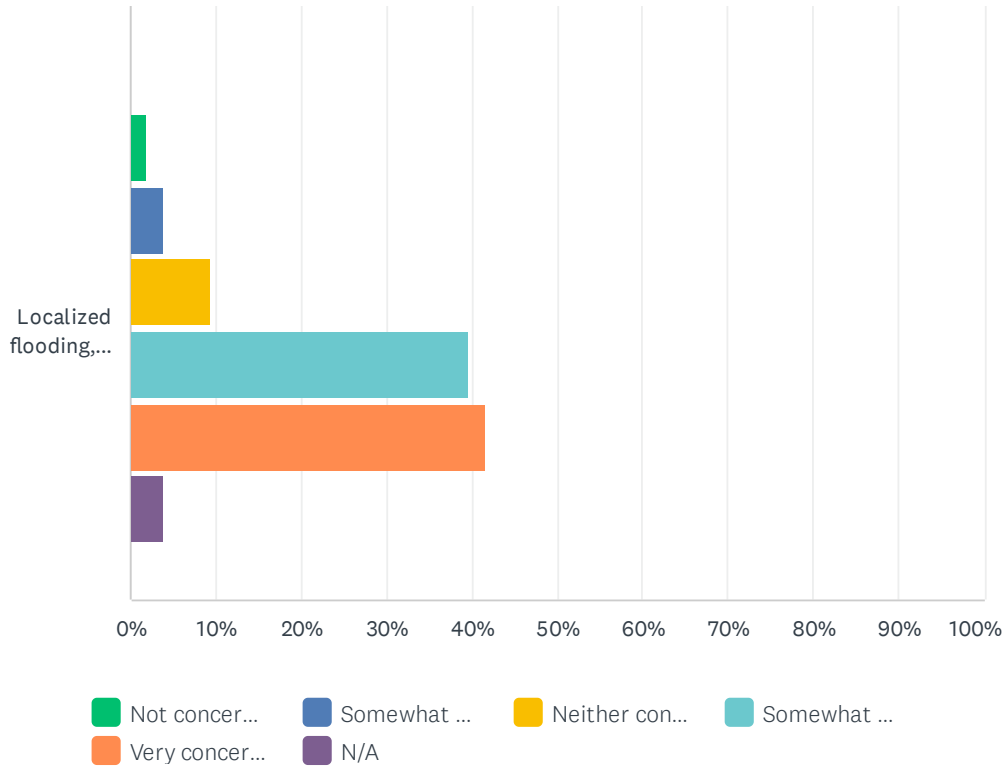
#	OTHER (PLEASE SPECIFY)	DATE
1	structural failure of rural bridges	10/4/2021 12:57 PM
2	Flooding in low-lying areas, difficult to drain (esp. low income areas). Farm dam in NM flooded/broke (upstream) during this last Aug 2021 rainfall, news is saying it may be 10yr repair. May be similar concerns locally	8/24/2021 2:49 PM

Q74 Considering localized flooding (i.e. from local storms/precipitation events only), how concerned are you about each of the potential scenarios?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



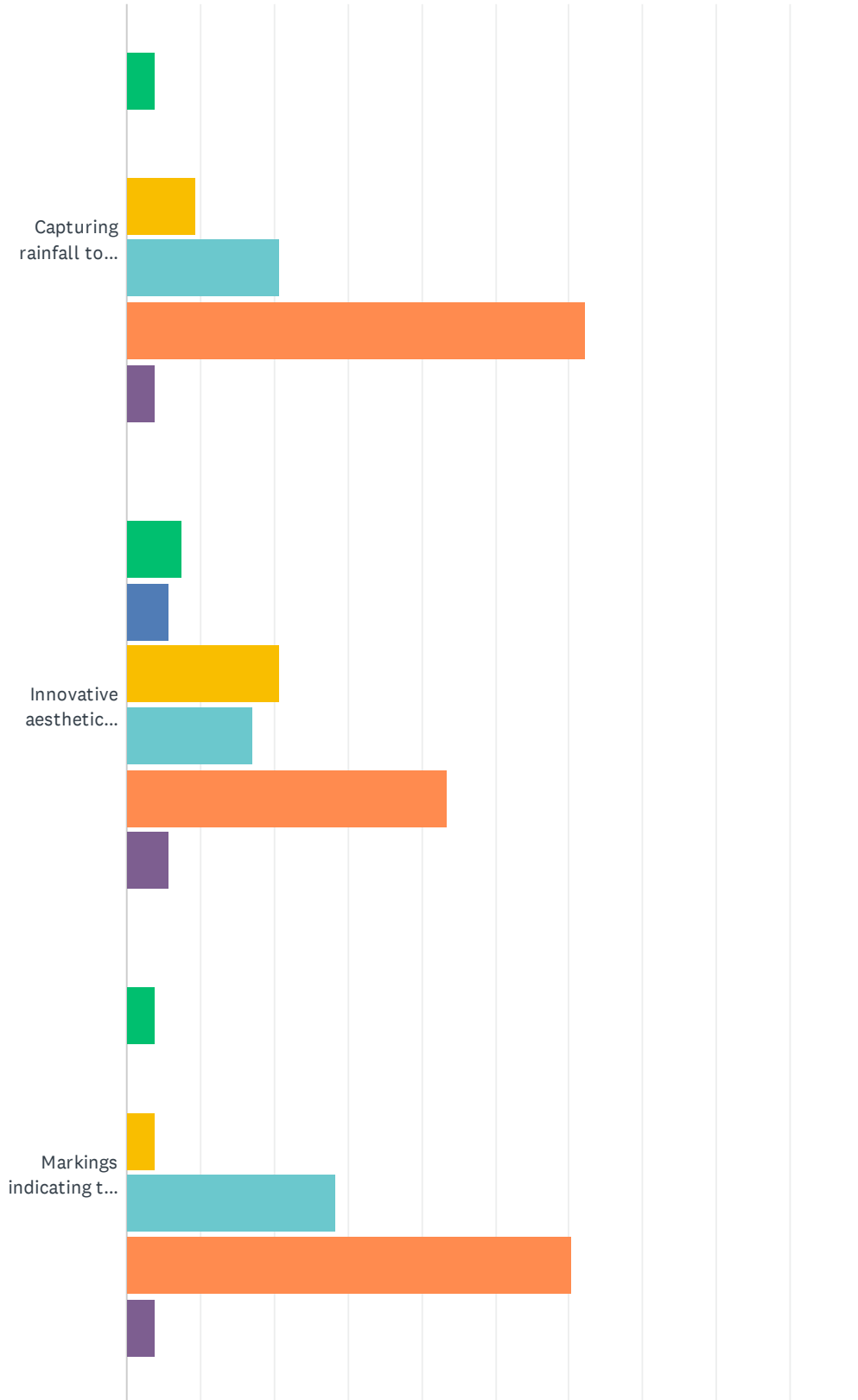
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	NOT CONCERNED	SOMEWHAT UNCONCERNED	NEITHER CONCERNED NOR UNCONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	N/A	TOTAL	WEI AVE
Failure of dams and/or levees during extreme events.	13.21% 7	7.55% 4	5.66% 3	32.08% 17	33.96% 18	7.55% 4	53	
Flash flooding of streets, roads and highways which blocks routes for emergency vehicles, motorists, pedestrians and cyclists.	1.89% 1	1.89% 1	1.89% 1	22.64% 12	67.92% 36	3.77% 2	53	
Flash flooding of neighborhoods, commercial districts, agricultural spaces and industrial facilities.	3.77% 2	5.66% 3	5.66% 3	24.53% 13	56.60% 30	3.77% 2	53	
Localized flooding, ponding or standing water after a rain event.	1.89% 1	3.77% 2	9.43% 5	39.62% 21	41.51% 22	3.77% 2	53	

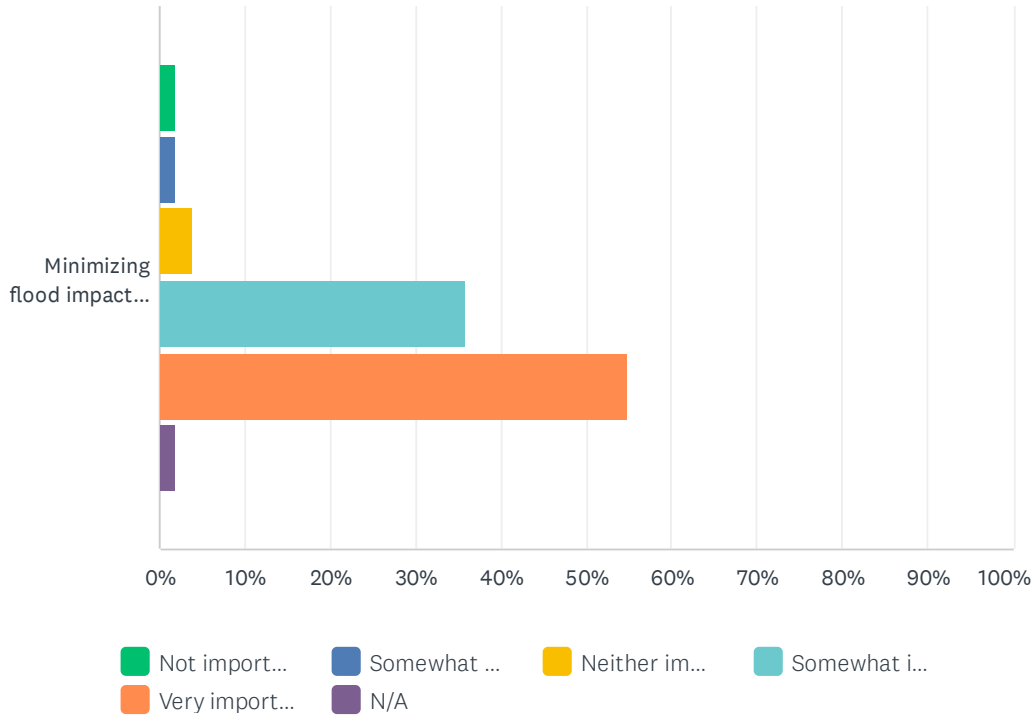
#	OTHER (PLEASE SPECIFY)	DATE
1	Ponding of water causing mosquitoes	10/7/2021 4:59 PM
2	structural failure of rural bridges	10/4/2021 12:57 PM
3	Lack of capacity in Rio grande an levees due to silt build up and lack of maintenance	10/1/2021 2:45 PM
4	Concerned about levee certification	8/24/2021 2:49 PM

Q75 Thinking about the functionality of flood control infrastructure, please rank how important each of the following is to you.

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



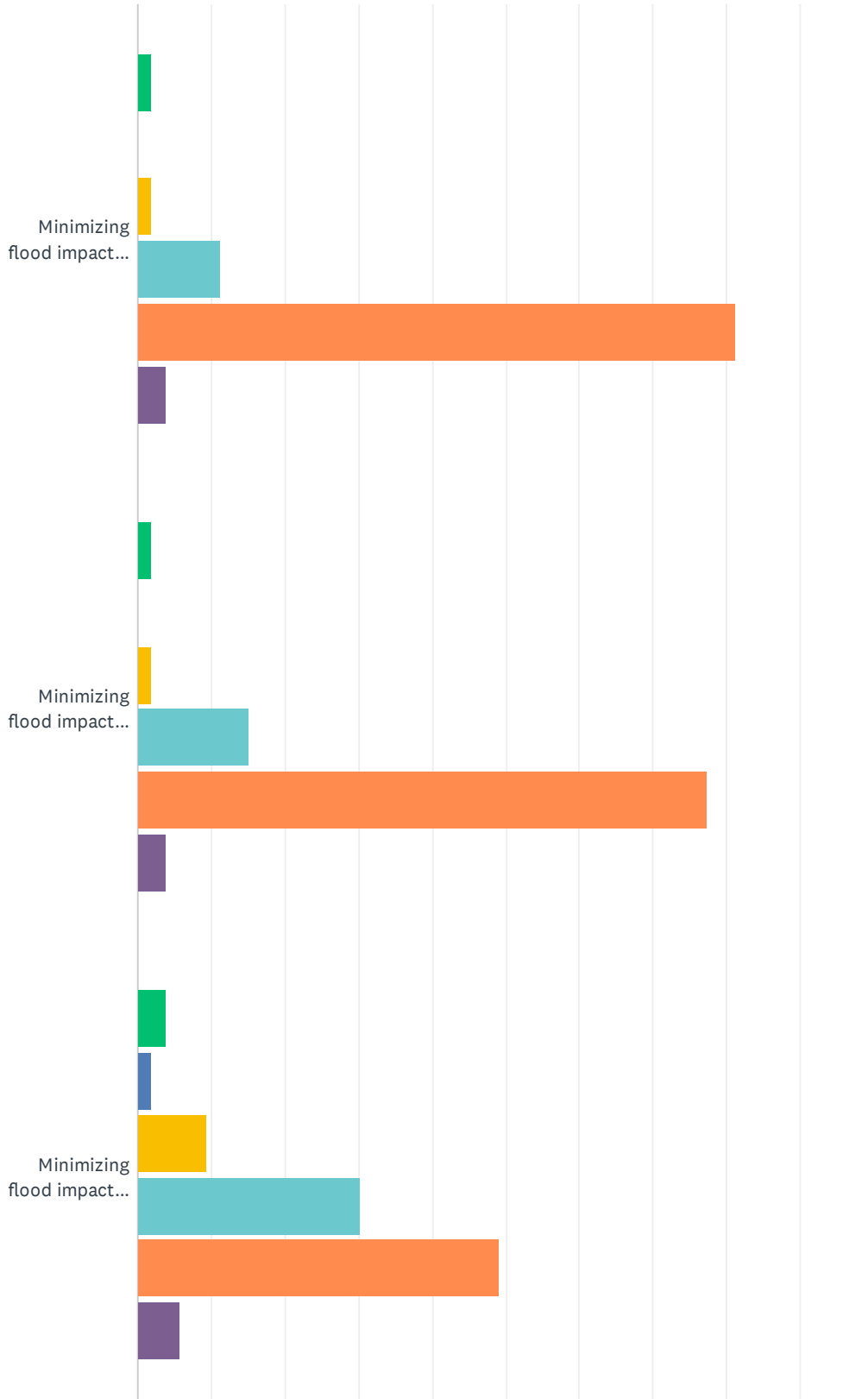
	NOT IMPORTANT	SOMEWHAT UNIMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	N/A	TOTAL	WEIGHTE AVERAGE
Capturing rainfall to recharge area aquifers.	3.77% 2	0.00% 0	9.43% 5	20.75% 11	62.26% 33	3.77% 2	53	4.4
Innovative aesthetic improvements and/or dual use designs like skate parks and/or park-ponds.	7.55% 4	5.66% 3	20.75% 11	16.98% 9	43.40% 23	5.66% 3	53	3.8
Markings indicating the location of low-water crossings and not to cross them while flooded.	3.77% 2	0.00% 0	3.77% 2	28.30% 15	60.38% 32	3.77% 2	53	4.4
Minimizing flood impacts to publicly-owned infrastructure such as highways, government buildings, and schools.	1.89% 1	1.89% 1	3.77% 2	35.85% 19	54.72% 29	1.89% 1	53	4.4

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

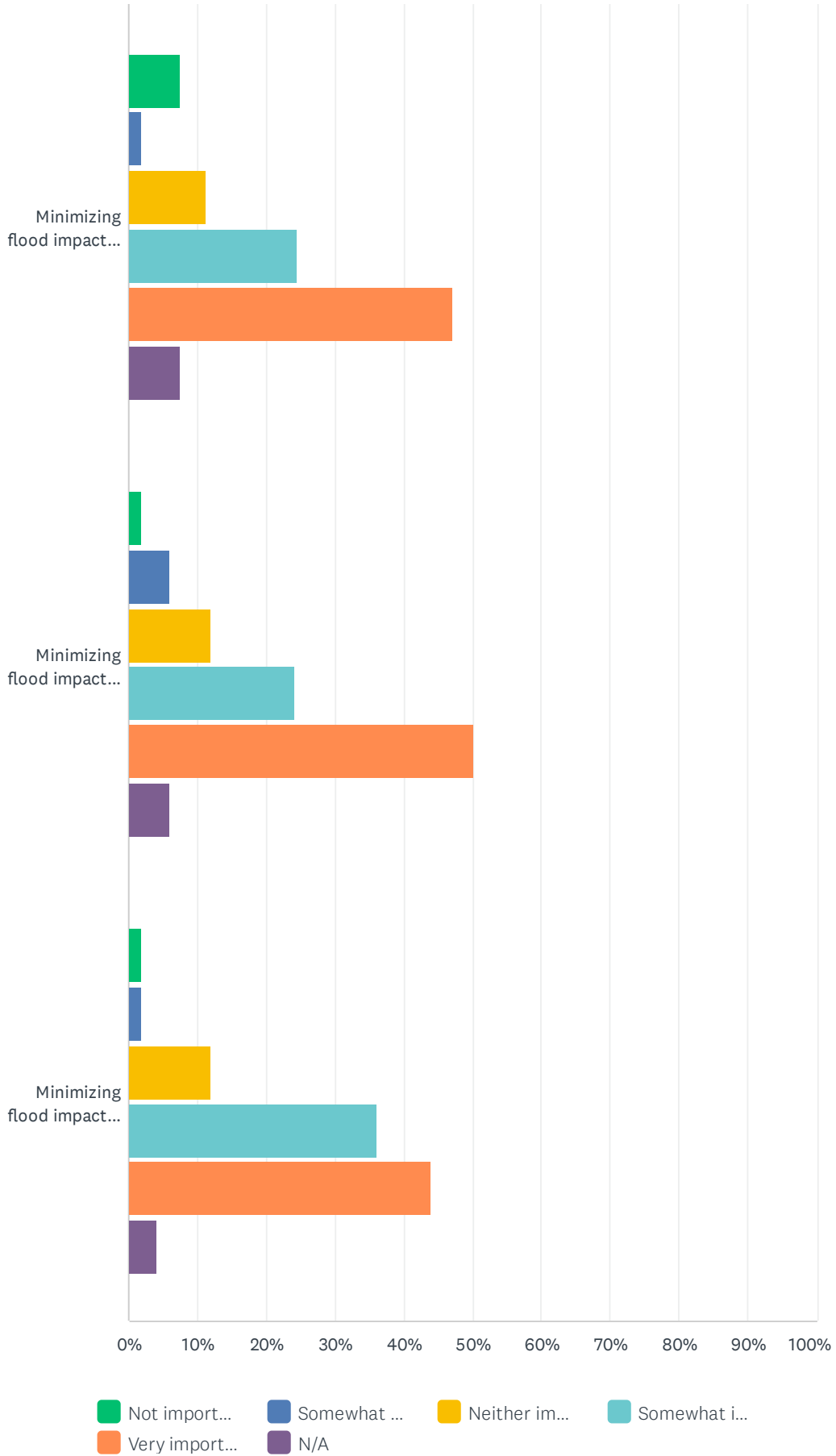
#	OTHER (PLEASE SPECIFY)	DATE
1	Low water crossing near home does not have depth gauge (only signs indicating LWC)	8/24/2021 2:49 PM

Q76 How important should flood planning decision-makers view each of the following?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

	NOT IMPORTANT	SOMEWHAT UNIMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	N/A	TOTAL	WEIGHTED AVERAGE
Minimizing flood impacts to residential areas.	1.89% 1	0.00% 0	1.89% 1	11.32% 6	81.13% 43	3.77% 2	53	4.76
Minimizing flood impacts to publicly-owned infrastructure such as highways, government buildings, and schools.	1.89% 1	0.00% 0	1.89% 1	15.09% 8	77.36% 41	3.77% 2	53	4.73
Minimizing flood impacts to farms, ranches, and other agricultural businesses.	3.77% 2	1.89% 1	9.43% 5	30.19% 16	49.06% 26	5.66% 3	53	4.26
Minimizing flood impacts to traditional energy services (e.g., solar, wind turbines).	7.55% 4	1.89% 1	11.32% 6	24.53% 13	47.17% 25	7.55% 4	53	4.10
Minimizing flood impacts to renewable energy services (e.g., oil, natural gas).	2.00% 1	6.00% 3	12.00% 6	24.00% 12	50.00% 25	6.00% 3	50	4.21
Minimizing flood impacts to other businesses (separate from agriculture or energy).	2.00% 1	2.00% 1	12.00% 6	36.00% 18	44.00% 22	4.00% 2	50	4.23

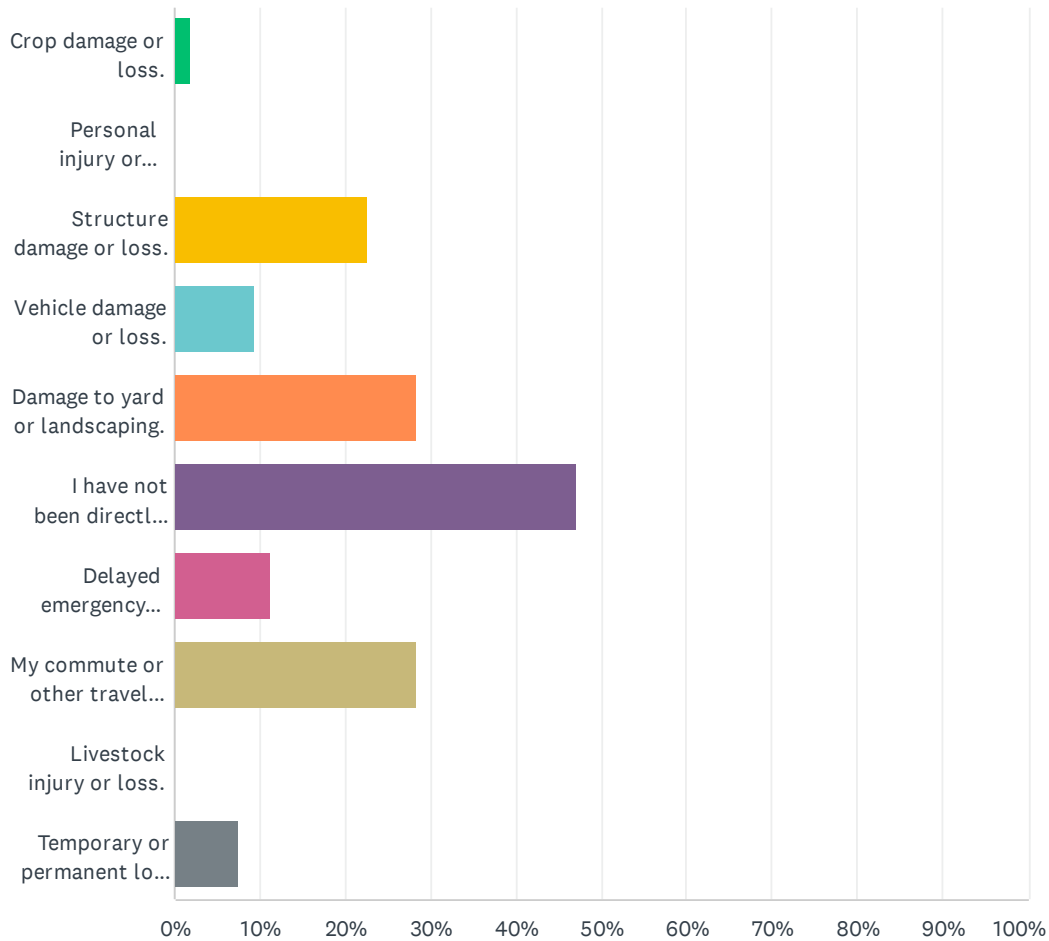
#	IF YOU WOULD LIKE TO PROVIDE ADDITIONAL INFORMATION PERTAINING TO THE TYPES OF FLOOD IMPACTS YOU HAVE EXPERIENCED, PLEASE PROVIDE IT BELOW.	DATE
1	renewable energy is known as solar and wind- not oil and natural gas.	2/17/2022 12:24 PM

Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

2	Overflow of arroyo and reservoirs	10/11/2021 8:08 PM
3	In El Paso, the levees have been rebuilt and flooding has been somewhat controlled as nobody can do anything about a "freak rainstorm event. This has all been done yet flood maps have not been adjusted and our flood insurance continues to increase. Why?	10/11/2021 8:15 AM
4	Oil etc are not renewable energy	10/8/2021 12:08 AM
5	It appears that the "e.g." are reversed. Renewable vs. traditional. Midland does not have traditional storm drains.	10/7/2021 9:28 PM
6	Flood water damage to my house.	9/30/2021 1:58 PM

Q77 What types of flood-related damage has your home sustained in the last five years (including structure and personal property damage)? Check all that apply.

Answered: 53 Skipped: 68

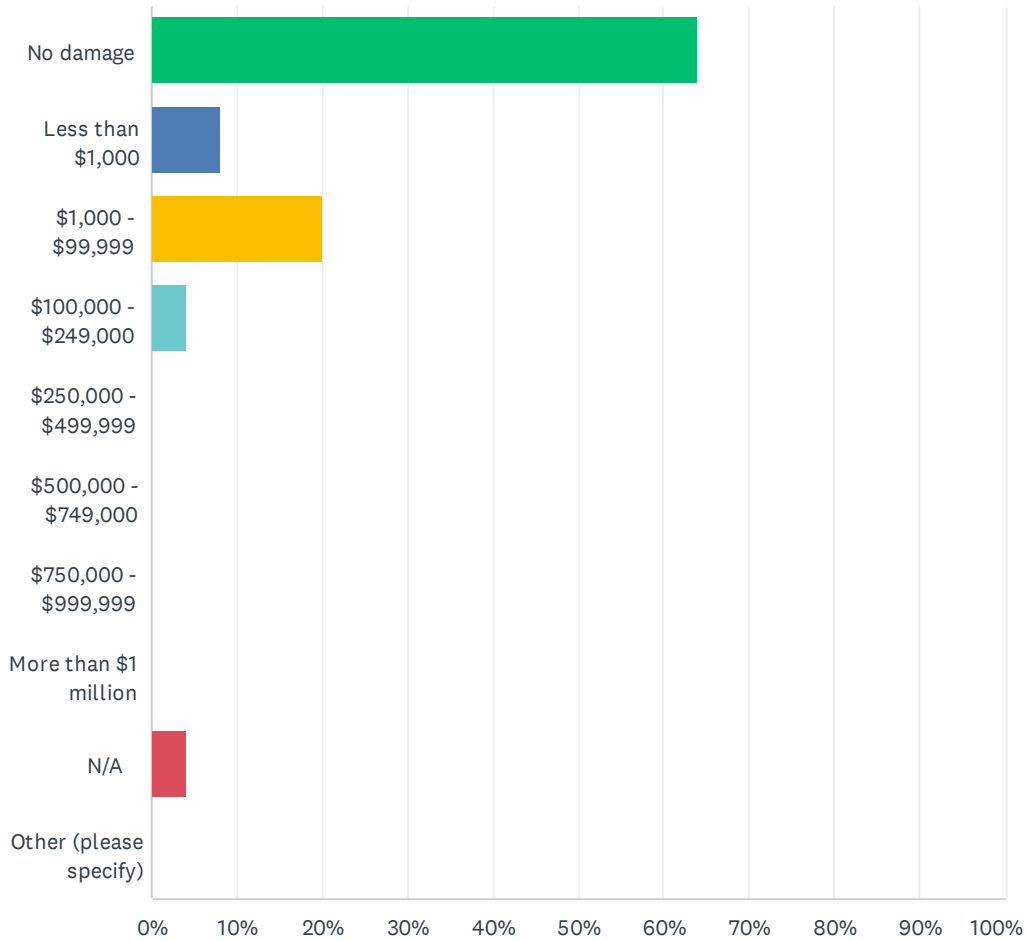


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Crop damage or loss.	1.89%	1
Personal injury or fatality.	0.00%	0
Structure damage or loss.	22.64%	12
Vehicle damage or loss.	9.43%	5
Damage to yard or landscaping.	28.30%	15
I have not been directly impacted.	47.17%	25
Delayed emergency response.	11.32%	6
My commute or other travel has been delayed or obstructed.	28.30%	15
Livestock injury or loss.	0.00%	0
Temporary or permanent loss of business.	7.55%	4
Total Respondents: 53		

Q78 How much flood-related damage has your home sustained in the last five years (including property damage and loss of function)?

Answered: 50 Skipped: 71



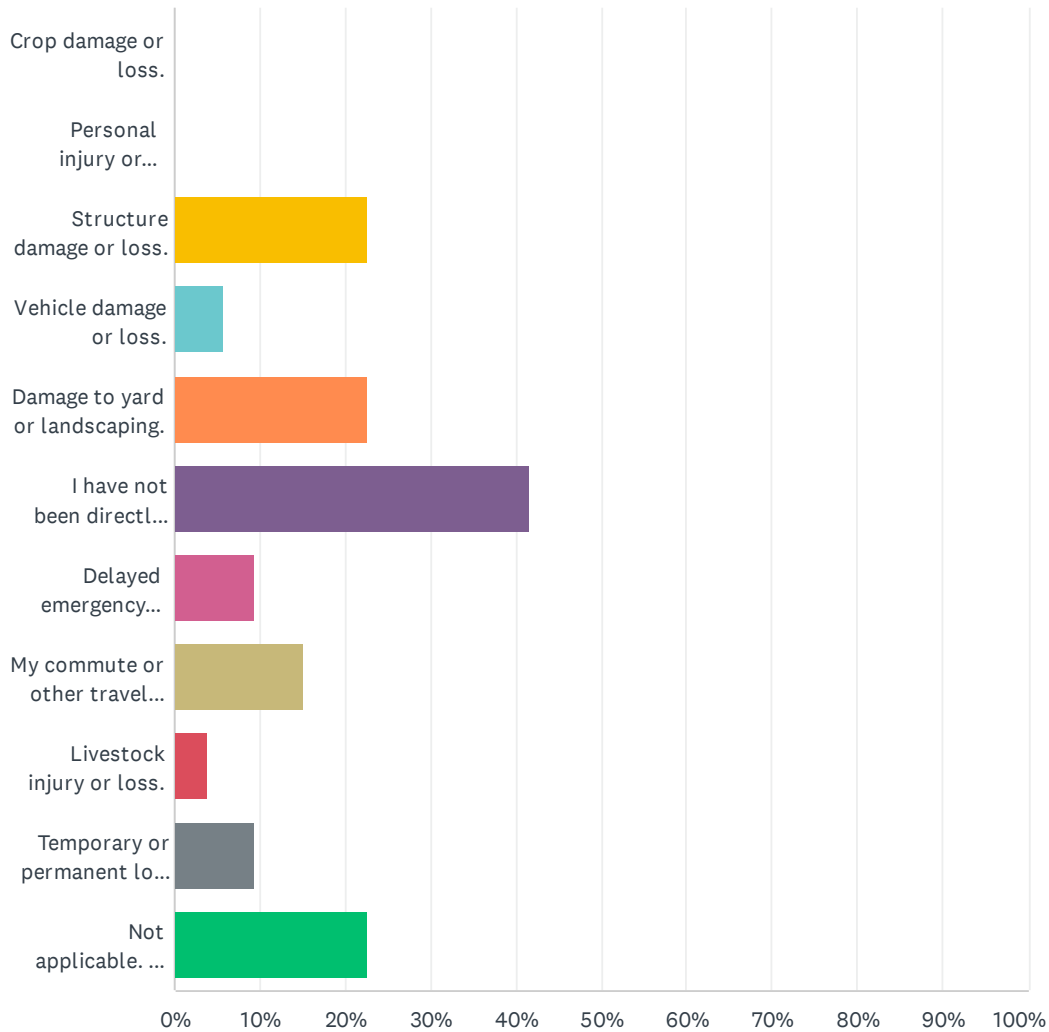
Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
No damage	64.00%	32
Less than \$1,000	8.00%	4
\$1,000 - \$99,999	20.00%	10
\$100,000 - \$249,000	4.00%	2
\$250,000 - \$499,999	0.00%	0
\$500,000 - \$749,000	0.00%	0
\$750,000 - \$999,999	0.00%	0
More than \$1 million	0.00%	0
N/A	4.00%	2
Other (please specify)	0.00%	0
TOTAL		50

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

Q79 What types of flood-related damage has your business or organization sustained in the last five years (including property damage and loss of function)? Check all that apply.

Answered: 53 Skipped: 68

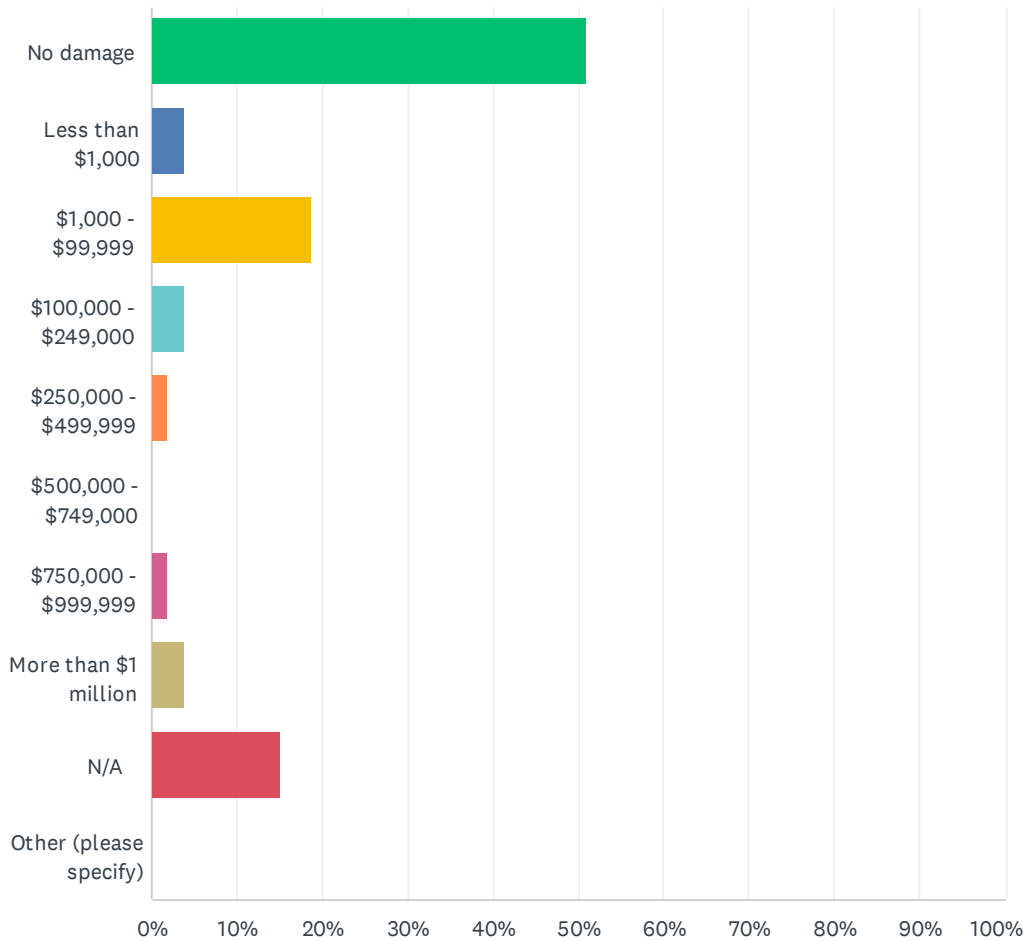


Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
Crop damage or loss.	0.00%	0
Personal injury or fatality.	0.00%	0
Structure damage or loss.	22.64%	12
Vehicle damage or loss.	5.66%	3
Damage to yard or landscaping.	22.64%	12
I have not been directly impacted.	41.51%	22
Delayed emergency response.	9.43%	5
My commute or other travel has been delayed or obstructed.	15.09%	8
Livestock injury or loss.	3.77%	2
Temporary or permanent loss of business.	9.43%	5
Not applicable. (No business or organization)	22.64%	12
Total Respondents: 53		

Q80 How much flood-related damage has your business or organization sustained in the last five years (including property damage and loss of function)?

Answered: 53 Skipped: 68



Region 14 Upper Rio Grande Flood Plan Survey (Fall 2021)

ANSWER CHOICES	RESPONSES	
No damage	50.94%	27
Less than \$1,000	3.77%	2
\$1,000 - \$99,999	18.87%	10
\$100,000 - \$249,000	3.77%	2
\$250,000 - \$499,999	1.89%	1
\$500,000 - \$749,000	0.00%	0
\$750,000 - \$999,999	1.89%	1
More than \$1 million	3.77%	2
N/A	15.09%	8
Other (please specify)	0.00%	0
TOTAL		53

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

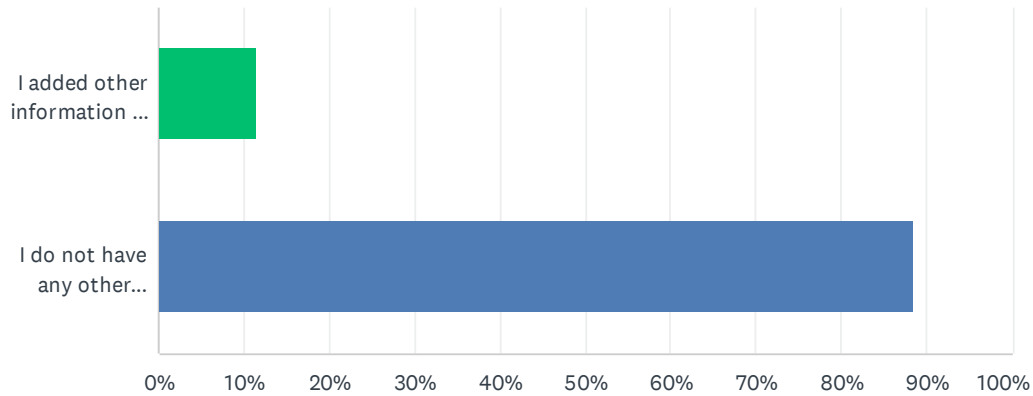
Q81 If you would like to provide additional information pertaining specifically to the damages your home, business, and/or organization have sustained, please provide it in the section below.

Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	See statement and question above.	10/11/2021 8:15 AM
2	My house has not sustain damage because of the preservation of a natural arroyo. We need to work with nature not try to control it. Nature always wins.	10/8/2021 12:08 AM
3	The occasional deputy driving patrol cars into high water.	10/7/2021 9:28 PM
4	I have lived in my home for 38 years and have never had my property flood, even though I live just blocks from the Rio Grande River. Levees in the area are built well above the river. Streets may sometimes have ponding water, but it has never come on to my yard or near my home.	10/7/2021 4:59 PM
5	when flash floods stop fire department responses because volunteers can't get to the firehouse due to washed out community roads...	10/4/2021 12:57 PM
6	Flooding has damaged the school district facilities and caused damage that is high -dollar. Flooding events coincide with storms that also create structural damage and the need for a new roof.	10/4/2021 9:58 AM
7	PSB lack of involvement	10/1/2021 4:00 PM
8	We would need to assemble data if needed	10/1/2021 2:45 PM
9	Sheet flooding from paved areas at SRSU above our home.	9/30/2021 3:38 PM
10	My personal home took about 2 feet of water in it. House was declared a total loss.	9/30/2021 1:58 PM
11	I had to have my roof replaced last year due to damage and leaking into the home.	9/17/2021 12:41 AM
12	Answering Q12 as "personal impacts" Neighbors to the west added sandbags to keep property from being flooded. 6-8" deep water in the yard. House is elevated (mobile home), so no structure impacts. Housing area is in the recent FEMA floodplain map but unlikely to flood due to walls/fences.	8/24/2021 2:49 PM

Q82 When you are done, please return to this survey and click the drop down menu below to indicate whether or not you have completed using the map tool.

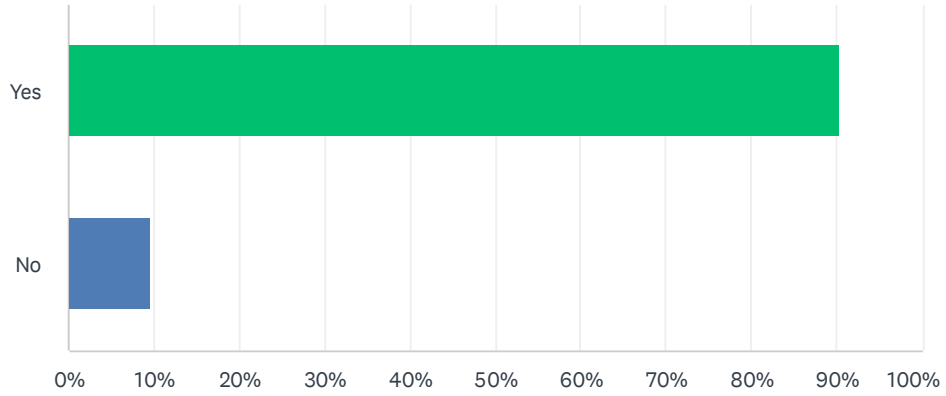
Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
I added other information via the interactive mapping tool	11.54%	6
I do not have any other information to add to the interactive mapping tool	88.46%	46
TOTAL		52

Q83 Can we reach out to you for additional information on your responses or during future surveys?

Answered: 52 Skipped: 69



ANSWER CHOICES	RESPONSES	
Yes	90.38%	47
No	9.62%	5
TOTAL		52

Q84 Do you have any additional feedback or comments related to flood issues, the survey or other relevant topics? If so, please let us know in the comment box below.

Answered: 12 Skipped: 109

#	RESPONSES	DATE
1	None	10/18/2021 5:54 PM
2	None. I really don't have anything to do with flood related issues.	10/15/2021 10:35 AM
3	The PDEMUD1 can readily provide information on the location and type of drainage structures within its boundaries but this process might take 2 to 3 weeks.	10/15/2021 10:12 AM
4	Will the information being obtained for the Hazardous Mitigation Plan be incorporated with flood plan management?	10/13/2021 3:09 PM
5	Reservoir and arroyo by my home have not been maintained in the 20 years I have lived here	10/11/2021 8:10 PM
6	Thanks for reaching out	10/8/2021 7:43 PM
7	Desert Haven, Loma Linda, Deer Mountain...residents would sure appreciate some attention to basic roads being passable during/after monsoon events!	10/4/2021 1:02 PM
8	It would be nice to discuss flooding issues in Sierra Blanca in person or through a phone call.....while Sierra Blanca is a desert and receives minimal rainfall, the monsoon season can produce flash floods, and the bigger issue is an accumulation of flooding events creating larger damage.	10/4/2021 10:03 AM
9	there are no flooding items we are being placed into the Migration Plan. Desert Haven Hudspeth County	10/2/2021 3:01 PM
10	Please help.	10/1/2021 2:23 PM
11	n/a	9/20/2021 12:01 PM
12	This organization is a local government that provides water, wastewater and sanitation services for the community of Ozona, TX. The Crockett County Judge will be more knowledgeable and have more input for this particular survey.	9/17/2021 10:32 AM