

# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

### CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE

FEBRUARY 3, 2020  
3:00 P.M.

RFCD/RTC ADMINISTRATION BUILDING  
FIRST FLOOR MEETING ROOM #108  
600 SOUTH GRAND CENTRAL PARKWAY  
LAS VEGAS, NEVADA 89106

#### \*\*FOR ADDITIONAL INFORMATION CONTACT:

DEANNA M. HUGHES, BOARD SECRETARY  
600 SOUTH GRAND CENTRAL PARKWAY, SUITE 300  
LAS VEGAS, NEVADA 89106  
(702) 685-0000

TT/TDD: Relay Nevada toll free (800) 326-6868

This meeting has been properly noticed and posted at the following locations:

Clark County Regional Flood Control District 600 South Grand Central Parkway Las Vegas, Nevada 89106	Clark County Regional Flood Control District Website <a href="http://www.regionalflood.org">www.regionalflood.org</a>
Clark County Government Center 500 South Grand Central Parkway Las Vegas, Nevada 89155	City of Boulder City 401 California Boulder City, Nevada 89005
City of Henderson 240 Water Street Henderson, Nevada 89015	City of Las Vegas 495 S. Main Street Las Vegas, Nevada 89101
City of Mesquite 10 East Mesquite Boulevard Mesquite, Nevada 89027	City of North Las Vegas 2250 Las Vegas Boulevard North Ste. 800 North Las Vegas, Nevada 89030
The Notice, Agenda, and Agenda Full-Backup have been posted on the District's Website at <a href="http://www.regionalflood.org">www.regionalflood.org</a>	The Notice has been posted on the State of Nevada Public Notice Website at <a href="https://notice.nv.gov/">https://notice.nv.gov/</a>

By: \_\_\_\_\_

*C. Ramsey*

\*\*Supporting material available upon request.

1. **Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. If you wish to speak to the Regional Flood Control District Citizens Advisory Committee about items within its jurisdiction but not appearing on this agenda, you must wait until the “Comments By the General Public” period listed at the end of this agenda. Comments will be limited to three minutes. Please step up to the speaker’s podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote.

# REGIONAL FLOOD CONTROL DISTRICT



**AGENDA**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**CITIZENS ADVISORY COMMITTEE**  
**FEBRUARY 3, 2020**  
**3:00 P.M.**

- Items on the agenda may be taken out of order.
- The Regional Flood Control District Citizens Advisory Committee may combine two or more agenda items for consideration.
- The Regional Flood Control District Citizens Advisory Committee may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

## **I. Call to Order**

### **1. Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. If you wish to speak to the Regional Flood Control District Citizens Advisory Committee about items within its jurisdiction but not appearing on this agenda, you must wait until the “Comments By the General Public” period listed at the end of this agenda. Comments will be limited to three minutes. Please step up to the speaker’s podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote.

2. Action to approve the agenda with deletion of any items (*For possible action*)

3. Action to approve the minutes of the December 19, 2019 meeting (*For possible action*)

## **II. Administration**

4. Action to accept the financial reports (*For possible action*)

5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)

6. Action to accept the final accounting reports and project closeouts for the following projects (*For possible action*):
  - Duck Creek, Las Vegas Boulevard (construction) – CLA08T14
  - Searchlight, South, Encinitas St. Storm Drain (design) – SEA03A09
  - Muddy River Logandale Levee (construction) – MOA01H15
  - Flamingo Wash, Eastern Avenue (construction) – CLA04W16
7. Action to adopt the flood control Master Plan Update for the Outlying Areas of Clark County, including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson and Searchlight (*For possible action*)

### III. Design and Construction

8. Action to approve a request to reallocate funding within the interlocal contract for design for Wagon Train Channel, Sunset Road to Teco Avenue – Clark County (*For possible action*)
9. Action to approve the first supplemental interlocal contract for construction to increase funding on Hollywood System, Phase II, Nellis Air Force Base Reach – City of North Las Vegas (*For possible action*)

### IV. Other Items

10. Action to approve the second of four renewal options for the professional services contract with Robertson Partners for the 2020 Flood Safety Advertising Campaign; or take action as deemed appropriate (*For possible action*)
11. Action to accept the project presentation by Applied Analysis of the 2019 Flash Flood Awareness Survey (*For possible action*)
12. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction will be held. No vote may be taken on a matter not listed on the posted agenda. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory

Regional Flood Control District  
Citizens Advisory Committee Agenda  
February 3, 2020  
Page 3

Committee by majority vote. All comments by speakers should be relevant to the Regional Flood Control District Citizens Advisory Committee action and jurisdiction.

**NOTE: The next scheduled Citizens Advisory Committee meeting is on Monday, March 2, 2020 at 3:00 p.m.**

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**CITIZENS ADVISORY COMMITTEE**  
**DECEMBER 19, 2019**  
**3:00 P.M.**

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*These minutes are prepared in compliance with NRS 241.035. Text is in summarized rather than verbatim format. For complete contents, please refer to meeting tapes on file at the Regional Flood Control District (RFCD) offices.*

**MEETING NOTICES:** Public Notices of this meeting were properly posted by Cristle Ramey of the Regional Flood Control District (RFCD) in the following locations: Boulder City City Hall, Clark County Government Center, Henderson City Hall, Las Vegas City Hall, Mesquite City Hall, North Las Vegas City Hall, Clark County Regional Flood Control District (RFCD) Offices, Clark County Regional Flood Control District (RFCD) Website ([www.regionalflood.org](http://www.regionalflood.org)), and the State of Nevada Public Notice Website (<https://notice.nv.gov/>)

**CALL TO ORDER:** Mr. Bill Starmer, Vice-Chair, City of Las Vegas, called the meeting to order at 3:00 p.m., in Room 268/296, 600 South Grand Central Parkway, with the following members present:

**MEMBERS PRESENT:** Bill Starmer, Vice-Chair, City of Las Vegas  
Norman Ashford, City of Mesquite  
Larry Schultz, Clark County  
Jeffrey Lastofka, City of Boulder City  
Jason Gross, City of Boulder City  
Ed Uehling, Clark County

**MEMBERS EXCUSED:** Ronald Newell, Chair, Clark County  
Karina Barragan, City of North Las Vegas  
Kyle Stephens, City of Las Vegas  
Jim Jordano, City of Henderson  
Harshal Desai, City of Henderson

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Todd Myers, Engineering Director  
Erin Neff, Public Information Manager  
Brian Rowley, Principal Civil Engineer  
Jessica Butte, Fiscal Services Administrator  
Cristle Ramey, Senior Office Specialist

**I. Call to Order**

**Mr. Bill Starmer, Vice-Chair, called the Citizens Advisory Committee meeting to order at 3:00 p.m. in Room 268/296 of the RFCD/RTC Administration Building.**

**1. Comments By the General Public**

There was no response to the call for Comments By the General Public.

**2. Action to approve the agenda with deletion of any items (*For possible action*)**

**Mr. Uehling moved for approval of the agenda.**

**6 AYES – 0 NAYS**

**Motion Carried**

**3. Minutes (*For possible action*)**

- a. Action to approve the revised minutes of the November 4, 2019 meeting
- b. Action to approve the minutes of the December 2, 2019 meeting

Mr. Parrish stated that an error was observed and revised on the November 4, 2019 minutes. Mr. Uehling asked about the error that required revision. Mr. Parrish stated that the climate change report which was formerly item #10, was removed from the agenda.

**Upon a motion by Mr. Schultz, the revised minutes of the November 4, 2019 meeting, and the minutes of the December 2, 2019 meeting were approved.**

**6 AYES – 0 NAYS**

**Motion Carried**

**II. Administration**

4. Action to accept the financial reports (*For possible action*)

Mr. Parrish stated that the reports were in the backup. Mr. Parrish continued by stating that since the Citizens Advisory Committee meeting was scheduled for an earlier date due to the Holidays, there was no updated sales tax report to present.

Staff recommends accepting the financial reports.

**Mr. Ashford moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)

Mr. Parrish stated that these are amendments for fiscal impacts that occur later in the agenda.

Staff recommends approval.

**Mr. Gross moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

6. Action to accept the fourth amendment to the final accounting report and project closeout for the following project (*For possible action*):

- Tropicana Wash at Swenson Street (construction) – CLA10G12

Mr. Parrish stated that this is another amendment to the final accounting report for this project. Mr. Parrish continued by stating the amendments are as a result of the contractor filing for bankruptcy during construction. Mr. Parrish continued by stating that the contractor entered into a settlement agreement to reimburse \$12,000.00 to the District in increments of \$600.00 every quarter. As a result, there would be an amendment to the report for the next several years to reflect the return of funds.



Staff recommends approval.

**Mr. Uehling moved to follow staff recommendation.**

**6 AYES – 0 NAYS**  
**Motion Carried**

7. Receive the quarterly project status reports – reporting period August 2019 through October 2019

Mr. Parrish stated that the reports are located in the agenda backup and the Citizens Advisory Committee members received a handout of the summary for projects status as requested. Mr. Schultz stated that he wished to suggest that projects that are substantially completed with the exception of administrative details to be excluded from the report. Mr. Schultz asked whether the project for the City of Las Vegas that was completed in March 2018 was inclusive of completed repairs. Mr. Parrish stated that the construction phase of the project was completed and in the process of closeout, a storm event occurred which caused damaged to the structure and required repairs.

Mr. Parrish continued by stating that since the construction was completed in phases, the flows from completed phase 1, impacted incomplete phase 2 of the project. Temporary structures were erected to protect the channel but were unsuccessful, therefore, the contractor made replacements to repair the issue. Mr. Schultz asked about the variant that cause a project to reflect 140% complete. Mr. Parrish responded by stating that the variant is time. The project reflects over 100% if the contractor exceeds the project time frame.

Mr. Schultz asked whether the repairs were as a result of contractor deficiencies or acts of god and were paid for by the entity or contractor. Mr. Parrish responded stating that the District provided funds to the entity for the contractor to conduct the repairs. Mr. Schultz asked whether there are lessons to be learned to avoid future re-occurrence. Mr. Parrish stated that the district conducts lessons learned interviews at the end of each project in order to assess issues and methods to avoid re-occurrence for future projects. This project was a distinct case since it was constructed in phases. Mr. Myers continued by stating that this was a trapezoidal channel which received surface water as side inflow in the interim condition before the project was completed. The District recognized the faults and sort to remedy them during repair by burming areas to improve directed flows as into the channel. This resolved the issue and will not repeat in the future. Mr. Myers stated that the

District work in constant unity with the contractors and entities to discover and address issues in the field in order to avoid issues repeating itself.

Mr. Parrish continued by stating that an update is usually performed on the Project Status Summary report to extract projects substantially completed but not closed out to reduce the projects listed on the report.

Mr. Uehling asked whether the District makes presentations to schools and if one can be viewed by the Citizen's Advisory Committee or whether they can be found on social media. Ms. Erin Neff, Public Information Manager, Regional Flood Control District, stated that the District present to schools often and invited anyone who would like to accompany the District to do so. Ms. Neff continued by stating that the presentations can also be viewed on our Regional Flood Control District Flood Channel on YouTube. The presentations are conducted 2 to 3 times a week, including high school, Drivers Education classes and health classes using the virtual reality tool. It is guided toward educating 3<sup>rd</sup> graders on the dangers of venturing into flood channels, what causes flooding and why flood waters are dangerous.

**No Action Required.**

8. Action to approve a Memorandum of Agreement with the United States Army Corps of Engineers for expedited permitting review associated with Section 404 of the Clean Water Act (*For possible action*)

Mr. Parrish stated that the District negotiated a 214 agreement with the United States Army Corps of Engineers, to provide funding to expedite the review of the Section 404 permits of the Clean Water Act. Fiscal impact is in the amount of \$60,000.

Mr. Gross asked about the lead time for non-expedited Section 404 permits, and whether the District will pay overtime or be moved to the top of the queue. Mr. Parrish stated that the lead time will vary depending on project and workload of the United States Army Corps of Engineers. The Sacramento District of the United States Army Corps of Engineers is responsible for issuing permits for the entire southwestern area of the United States. Generally, the non-expedited lead time is in excess of 6 months. Mr. Parrish continued by stating that with the 214 agreement, a separate team will be assembled strictly for processing expedited permits, and the lead time is expected to be 90 days.

Mr. Starmer asked whether the District used a Section 404 permit in the past. Mr. Parrish responded that a 408 permit was used and associated with the Los Angeles District of the United States Army Corps of Engineers. The District would not have

been able to request a Section 404 permit if a request was made previously. Mr. Uehling asked whether the Section 404 was related to the Waters of the United States permit and the revision of the jurisdictions. Mr. Parrish responded that it was not, however, if the jurisdictional changes were passed for the Waters of the U.S, it may reduce the number of Section 404 permits required for the District.

Staff recommends approval.

**Mr. Ashford moved to follow staff recommendation.**

**6 AYES – 0 NAYS  
Motion Carried**

### **III. Design and Construction**

9. Action to approve construction change order no. 9 for Freeway Channel – Washington, MLK to Rancho Drive – City of Las Vegas (*For possible action*)

Mr. Parrish stated that this is a change order, in the amount of, \$204,925.55 which is two percent (2%) of the original bid amount. This change order is to cover the cost of redesign due to issues discovered upon excavation. During construction, there were discovered issues with the actual location size, different laterals, utilities and pipe that delayed the project and incurred extra cost. There is no fiscal impact.

Mr. Lastofka asked for clarification on the term fiscal impact. Mr. Parrish responded that there was extra money in the contract that will be able to cover the cost of the change order, therefore no supplemental funds are required.

Staff recommends approval.

**Mr. Gross moved to follow staff recommendation.**

**6 AYES – 0 NAYS  
Motion Carried**

10. Action to approve the supplemental interlocal contracts for construction to extend the project completion date for the following projects (*For possible action*):

- a. Third Supplemental: Hemenway System, Phase IIA Improvements – City of Boulder City

Mr. Parrish stated that the construction phase of the project has been completed however, this is a request for extension of time in order to obtain as-builts required to close out the project.

- b. Second Supplemental: Rancho Road System – Elkhorn, Grand Canyon to Hualapai – City of Las Vegas

Mr. Parrish stated that this is a request for extension of time. There is no fiscal impact.

Mr. Schultz asked whether the 109%, with an estimated completion date of March 20, 2020 reflected on the summary of project status report, includes the additional scope, expansion or extension that's anticipated by the second supplemental interlocal agreement. Mr. Parrish responded by stating that the date March 20, 2020 is the estimated completion date and due to requests to extend the contract, the project is reflecting 109%. Mr. Parrish continued by stating that the contractor requested an extension of time, since the paving aspect of the project was temperature sensitive and required a temperature of 73 degrees Fahrenheit in order to dry. Since we are in the winter season, the contractor had to postpone paving until the spring season.

Mr. Todd Myers, Engineering Director, Regional Flood Control District continued by stating that in addition, the contractor requested an extension of time previously when a trench collapsed during construction which delayed the contractor. Mr. Parrish responded that since the request for extension of time has not yet been approved by the committee, it will not be reflected in the second interlocal, with the new expiration date set to January 2021. Mr. Parrish continued by stating that there was a contract between the entity and the District to provide funding and a separate contract between the entity and the contractor. The entity is responsible for ensuring the time frames are met and the contract between the entity and District is more liberal in terms of time. Mr. Schultz asked whether paving is all that remains to complete the project. Mr. Oh-Sang Kwon, Engineering Project Manager, City of Las Vegas responded that other than administrative and invoicing phases of the project, paving of the pavement is all that remains.

Staff recommends approval of items 10a and 10b.

**Mr. Lastofka moved to follow staff recommendation.**

**6 AYES – 0 NAYS  
Motion Carried**

11. Action to approve the supplemental interlocal contracts for design to increase funding for the following projects (*For possible action*):

- a. Third Supplemental: Beltway Detention Basin and Channel – City of North Las Vegas

Mr. Parrish stated that this is a supplement in the amount of \$130,000, to increase the design engineering costs by \$65,000, and \$65,000 for in-house labor.

- b. Third Supplemental: Gowan North – El Capitan Branch, Lone Mountain to Ann Road – City of Las Vegas

Mr. Parrish stated that this is a supplement with fiscal impact to cover in-house labor for the City of Las Vegas in the amount of \$35,000.

Staff recommends approval of items 11a and 11b.

**Mr. Schultz moved to follow staff recommendation.**

**6 AYES – 0 NAYS  
Motion Carried**

12. **Comments By the General Public**

Mr. Parrish stated that he wished to inform the Citizen’s Advisory Committee that in the Board of Directors meeting held on December 12, 2019, a change to the operating hours for the District was approved to accommodate a 4/10 work week. Commencing on December 30, 2019, the new office hours will be Monday to Thursday and closed on Friday.


Mr. Parrish wished everyone a happy and safe holiday season. Mr. Starmer continued by reminding the committee that the next Citizens Advisory Committee meeting will be on Monday, February 3, 2020.

There was no further response to the call for Comments By the General Public.

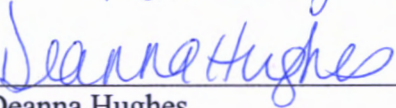
**ADJOURNMENT**

The meeting adjourned at 3:39 p.m.

Respectfully submitted,

  
\_\_\_\_\_  
Steven C. Parrish, P.E.,  
General Manager/Chief Engineer

  
\_\_\_\_\_  
Bill Starmer,  
Vice-Chair

Attest ~~December 19~~ <sup>DMH</sup> ~~2019~~  
February 3, 2020  
  
\_\_\_\_\_  
Deanna Hughes,  
Board Secretary

/cr

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINANCIAL REPORTS – DECEMBER 2019
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
ACCEPT THE REPORTS (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None

**BACKGROUND:** The financial reports for December 2019, are submitted for your review:

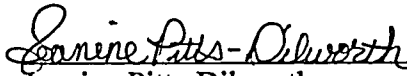
<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 2860	Fund Balance Report .....	1
	Appropriation Balance Report – FY 2019-20 .....	2
	Sales Tax Revenue Report – FY 2019-20 .....	3
	Monthly Expenditure Summary Report .....	4
B - Fund 2870	Fund Balance Report .....	5
	Maintenance Work Program Monthly Expenditures .....	6-8
	Maintenance Work Program Status Report – FY 2020 .....	9-10
C - Fund 3300	Fund Balance Report .....	11
D - Fund 4430	Fund Balance Report .....	12
	Monthly Expenditure Report .....	13-14

TAC AGENDA ITEM # 04 DATE: 01/30/20	RFCD AGENDA ITEM # DATE: 02/13/20
CAC AGENDA ITEM # 04 DATE: 02/03/20	

E - Summary

Pay-As-You-Go Funded – Current Project Expense Summary .....	15-41
Bond Funded – Current Project Expense Summary .....	42-47
Capital Improvement Program – Open Projects Summary .....	48
Pay-As-You-Go Funding – Cumulative Reporting .....	49-61
Bond Funding – Cumulative Reporting.....	62-66
FY 2019-20 Projects Funded Summary .....	67-68
Estimated Funding Schedule .....	69

Respectfully submitted,

  
 Jeanine Pitts-Dilworth  
 Administrative Services Director

TAC AGENDA ITEM # 04 DATE: 01/30/20	RFCD AGENDA ITEM # DATE: 02/13/20
CAC AGENDA ITEM # 04 DATE: 02/03/20	



**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 FUND BALANCE REPORT  
 DECEMBER 2019**

<b>BEGINNING CASH BALANCE:</b>		<b>\$ 10,657,557.73</b>	
Accruals/Adjustments		<u>(669.02)</u>	
	<b>TOTAL BEGINNING BALANCE</b>		<b>\$ 10,656,888.71</b>
<b>REVENUES:</b>			
Sales Tax Revenue (Collected October 2019)		9,653,328.50	
Interest Earnings		11,519.19	
Fund 4430 - Transfer In Interest Earnings		61,538.46	
Build America Bonds Rebate		-	
Sale of Materials		-	
Miscellaneous Other Revenue		-	
Petty Cash Reimbursements		-	
Miscellaneous Accruals/Adjustments		<u>2,936.39</u>	
	<b>TOTAL REVENUES</b>		<b>\$ 9,729,322.54</b>
<b>EXPENDITURES:</b>			
Salaries & Benefits		(324,291.34)	
Services & Supplies		(62,442.92)	
Professional Services		(82,602.43)	
Capital Expenditures		(7,801.77)	
Fund 2870 - Transfer Out Maintenance Work Program		(900,000.00)	
Fund 3300 - Transfer Out Debt Service		(3,695,850.60)	
Fund 4430 - Transfer Out Budgeted Transfers		(3,580,000.00)	
Accruals/Adjustments			
Accounts Payable		-	
Miscellaneous Accruals/Adjustments		<u>12,272.21</u>	
	<b>TOTAL EXPENSES</b>		<b>\$ (8,640,716.85)</b>
<b>ENDING CASH BALANCE:</b>			<b>\$ <u>11,745,494.40</u></b>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 APPROPRIATION BALANCE REPORT  
 FISCAL YEAR 2019-20

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 113,432,651.00	\$ 39,253,383.40	N/A	\$ 74,179,267.60	65%
Other Sources	800,000.00	369,230.76	N/A	430,769.24	54%
<b>TOTAL</b>	<b>\$ 114,232,651.00</b>	<b>\$ 39,622,614.16</b>	<b>N/A</b>	<b>\$ 74,610,036.84</b>	<b>65%</b>

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 10,409,100.00	\$ 3,618,499.80	\$ 2,115,943.49	\$ 4,674,656.71	45%
Transfers Out					
Debt Service	52,600,000.00	27,519,470.70	-	25,080,529.30	48%
MWP	11,000,000.00	3,800,000.00	-	7,200,000.00	65%
CIP (1)(2)	48,000,000.00	14,320,000.00	-	33,680,000.00	70%
<b>TOTAL</b>	<b>\$ 122,009,100.00</b>	<b>\$ 49,257,970.50</b>	<b>\$ 2,115,943.49</b>	<b>\$ 70,635,186.01</b>	<b>58%</b>

Notes:

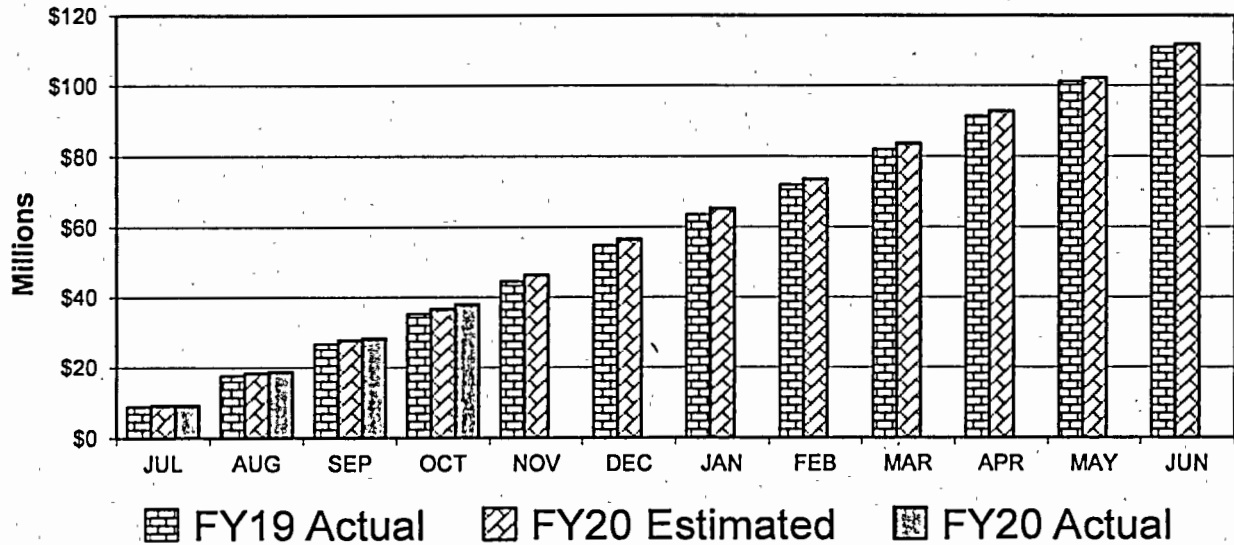
(1) Includes Local Drainage program.

(2) Includes Board approved budget augmentation 1/09/2020 Item #9 to increase transfer authority.

SALES TAX REVENUE REPORT  
 REGIONAL FLOOD CONTROL DISTRICT  
 FISCAL YEAR 2019-20  
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 11, 2019)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 9,165,429.12	\$ 9,217,019.59	\$ 51,590.47	0.56%
AUGUST	9,147,312.43	9,567,227.26	419,914.83	4.59%
SEPTEMBER	9,351,437.62	9,492,015.38	140,577.76	1.50%
OCTOBER	8,978,773.95	9,653,328.50	674,554.55	7.51%
NOVEMBER	9,720,995.41			
DECEMBER	10,288,967.62			
JANUARY	8,654,068.05			
FEBRUARY	8,256,976.72			
MARCH	10,121,264.69			
APRIL	9,108,670.68			
MAY	9,408,410.30			
JUNE	9,697,693.41			
<b>TOTAL:</b>	<b>\$ 111,900,000.00</b>	<b>\$ 37,929,590.73</b>	<b>\$ 1,286,637.61</b>	<b>3.51%</b>

**Estimated vs Actual Cumulative Sales Tax Receipts**



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**12/1/2019 to 12/31/2019**

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2020	61*/62*	Salaries and Benefits	324,291.34
	630000	Other Professional Services	73,201.57
	635000	Pro Svcs-Legal	8,200.86
	636000	Pro Svcs-Audit	1,200.00
	640310	R & M-Facilities	12,715.96
	640340	R & M-Vehicles	2,605.33
	641000	Other Rental Expense	623.26
	644610	Information System Services	990.77
	645000	Other Insurance	206.35
	646100	Telephone-Local	314.84
	646120	Cell Phones/Beepers	349.40
	648100	Printing/Reproduction	2,494.01
	649000	Other Travel	37.79
	649100	Airfare	751.50
	649200	Lodging	737.97
	649300	Auto	112.00
	649400	Meals	266.50
	649600	Mileage	293.71
	663000	Operating Supplies	2,128.71
	663200	Food	200.10
	663400	Office Supplies	2,340.02
	663421	LVA-IT Hardware-Modified Accrual	2,335.92
	670100	Electricity	2,100.18
	670500	Disposal	90.00
	679200	Licenses & Taxes	688.00
	679220	Software Licenses	28,208.94
	679300	Dues	1,198.00
	679600	Postage	653.66
	680400	Capital Outlay-Equipment-Mod Accrual	7,801.77
<b>Fiscal Year Total</b>			<b>\$477,138.46</b>
<b>Grand Total</b>			<b>\$477,138.46</b>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2870 - FACILITIES MAINTENANCE FUND  
 FUND BALANCE REPORT  
 DECEMBER 2019

BEGINNING CASH BALANCE:	\$ 8,418,774.03	
Accruals/Adjustments		
	<hr/>	
TOTAL BEGINNING CASH BALANCE:		\$ 8,418,774.03
REVENUES:		
Interest Income	13,412.43	
Fund 2860 - Transfer In Maintenance Work Program	900,000.00	
Miscellaneous Other Revenue/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 913,412.43
EXPENDITURES:		
Services & Supplies	(475,257.74)	
Maintenance Work Program Expenditures	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	(41,355.92)	
Contract Retention Payable	-	
Contract Retention Interest Payable	-	
Accounts Payable	-	
	<hr/>	
TOTAL MONTHLY EXPENSES		\$ (516,613.66)
ENDING CASH BALANCE:		<u>\$ 8,815,572.80</u>

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 12/1/2019 to 12/31/2019**

**Fiscal Year - 2020**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
ATKINS NORTH AMERICA INC	RF.HN65	1917489	12/08/2019	4500307668	12/17/2019	\$1,285.76
CITY OF HENDERSON	RF.HN65	MSC5032376	11/20/2019	4500306666	12/10/2019	\$13,243.10
CITY OF HENDERSON	RF.HN65	MSC5032534	12/17/2019	4500306666	12/27/2019	\$2,205.62
CITY OF HENDERSON	RF.HN65	MSC5032534	12/17/2019	4500306666	12/27/2019	\$298.07
CITY OF HENDERSON	RF.HN65	MSC5032534	12/17/2019	4500306666	12/27/2019	\$184.29
CITY OF HENDERSON	RF.HN65	MSC5032534	12/17/2019	4500306666	12/27/2019	\$137.49
CITY OF HENDERSON	RF.HN65	MSC5032534	12/17/2019	4500306666	12/27/2019	\$320.32
CITY OF HENDERSON	RF.HN65	MSC5032579	12/17/2019	4500306666	12/27/2019	\$503.84
CITY OF HENDERSON	RF.HN65	MSC5032580	12/18/2019	4500306666	12/27/2019	\$8,092.41
CITY OF HENDERSON	RF.HN66	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,564.51
CITY OF HENDERSON	RF.HN66	MSC5032534	12/17/2019	4500306666	12/27/2019	\$655.73
CITY OF HENDERSON	RF.HN66	MSC5032534	12/17/2019	4500306666	12/27/2019	\$238.44
CITY OF HENDERSON	RF.HN66	MSC5032534	12/17/2019	4500306666	12/27/2019	\$281.05
CITY OF HENDERSON	RF.HN66	MSC5032534	12/17/2019	4500306666	12/27/2019	\$116.48
CITY OF HENDERSON	RF.HN66	MSC5032580	12/18/2019	4500306666	12/27/2019	\$1,038.61
CITY OF HENDERSON	RF.HN67	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,187.21
CITY OF HENDERSON	RF.HN67	MSC5032534	12/17/2019	4500306666	12/27/2019	\$698.32
CITY OF HENDERSON	RF.HN67	MSC5032534	12/17/2019	4500306666	12/27/2019	\$116.39
CITY OF HENDERSON	RF.HN67	MSC5032534	12/17/2019	4500306666	12/27/2019	\$1,947.38
CITY OF HENDERSON	RF.HN67	MSC5032580	12/18/2019	4500306666	12/27/2019	\$1,205.63
CITY OF HENDERSON	RF.HN68	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,187.21
CITY OF HENDERSON	RF.HN68	MSC5032484	12/04/2019	4500306666	12/16/2019	\$1,115.87
CITY OF HENDERSON	RF.HN68	MSC5032484	12/04/2019	4500306666	12/16/2019	\$193.90
CITY OF HENDERSON	RF.HN68	MSC5032484	12/04/2019	4500306666	12/16/2019	\$689.52
CITY OF HENDERSON	RF.HN68	MSC5032484	12/04/2019	4500306666	12/16/2019	\$1,313.73
CITY OF HENDERSON	RF.HN68	MSC5032511	12/11/2019	4500306666	12/18/2019	\$211.56
CITY OF HENDERSON	RF.HN68	MSC5032534	12/17/2019	4500306666	12/27/2019	\$1,018.16
CITY OF HENDERSON	RF.HN68	MSC5032534	12/17/2019	4500306666	12/27/2019	\$1,938.61
CITY OF HENDERSON	RF.HN68	MSC5032534	12/17/2019	4500306666	12/27/2019	\$2,894.08
CITY OF HENDERSON	RF.HN68	MSC5032580	12/18/2019	4500306666	12/27/2019	\$994.89
CITY OF HENDERSON	RF.HN69	MSC5032376	11/20/2019	4500306666	12/10/2019	\$2,956.30
CITY OF HENDERSON	RF.HN69	MSC5032484	12/04/2019	4500306666	12/16/2019	\$3,100.43
CITY OF HENDERSON	RF.HN69	MSC5032484	12/04/2019	4500306666	12/16/2019	\$1,948.90
CITY OF HENDERSON	RF.HN69	MSC5032484	12/04/2019	4500306666	12/16/2019	\$58,528.06
CITY OF HENDERSON	RF.HN69	MSC5032484	12/04/2019	4500306666	12/16/2019	\$260.14
CITY OF HENDERSON	RF.HN69	MSC5032511	12/11/2019	4500306666	12/18/2019	\$13,370.50

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 12/1/2019 to 12/31/2019**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HN69	MSC5032534	12/17/2019	4500306666	12/27/2019	\$92.15
CITY OF HENDERSON	RF.HN69	MSC5032534	12/17/2019	4500306666	12/27/2019	\$737.80
CITY OF HENDERSON	RF.HN69	MSC5032534	12/17/2019	4500306666	12/27/2019	\$1,250.62
CITY OF HENDERSON	RF.HN69	MSC5032534	12/17/2019	4500306666	12/27/2019	\$5,881.64
CITY OF HENDERSON	RF.HN69	MSC5032580	12/18/2019	4500306666	12/27/2019	\$1,430.00
CITY OF HENDERSON	RF.HN70	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,187.21
CITY OF HENDERSON	RF.HN70	MSC5032484	12/04/2019	4500306666	12/16/2019	\$842.11
CITY OF HENDERSON	RF.HN70	MSC5032484	12/04/2019	4500306666	12/16/2019	\$117.34
CITY OF HENDERSON	RF.HN70	MSC5032580	12/18/2019	4500306666	12/27/2019	\$939.43
CITY OF HENDERSON	RF.HN71	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,187.21
CITY OF HENDERSON	RF.HN71	MSC5032580	12/18/2019	4500306666	12/27/2019	\$655.83
CITY OF HENDERSON	RF.HN72	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,187.21
CITY OF HENDERSON	RF.HN72	MSC5032580	12/18/2019	4500306666	12/27/2019	\$732.39
CITY OF HENDERSON	RF.HN73	MSC5032376	11/20/2019	4500306666	12/10/2019	\$1,034.11
CITY OF HENDERSON	RF.HN73	MSC5032580	12/18/2019	4500306666	12/27/2019	\$464.46
CITY OF NORTH LAS VEGAS	RF.NL01	353069	12/10/2019	4500306668	12/13/2019	\$610.17
CITY OF NORTH LAS VEGAS	RF.NL02	353069	12/10/2019	4500306668	12/13/2019	\$3,528.55
CITY OF NORTH LAS VEGAS	RF.NL03	353069	12/10/2019	4500306668	12/13/2019	\$17,135.65
CITY OF NORTH LAS VEGAS	RF.NL04	353069	12/10/2019	4500306668	12/13/2019	\$4,270.88
CITY OF NORTH LAS VEGAS	RF.NL04	353069	12/10/2019	4500306668	12/13/2019	\$652.16
CITY OF NORTH LAS VEGAS	RF.NL05	353069	12/10/2019	4500306668	12/13/2019	\$173.58
CITY OF NORTH LAS VEGAS	RF.NL06	353069	12/10/2019	4500306668	12/13/2019	\$173.58
CITY OF NORTH LAS VEGAS	RF.NL06	353069	12/10/2019	4500306668	12/13/2019	\$1,209.10
CITY OF NORTH LAS VEGAS	RF.NL07	353069	12/10/2019	4500306668	12/13/2019	\$173.58
CITY OF NORTH LAS VEGAS	RF.NL07	353069	12/10/2019	4500306668	12/13/2019	\$36,423.20
CITY OF NORTH LAS VEGAS	RF.NL10	353069	12/10/2019	4500306668	12/13/2019	\$2,308.45
CITY OF NORTH LAS VEGAS	RF.NL11	353069	12/10/2019	4500306668	12/13/2019	\$4,314.12
CITY OF NORTH LAS VEGAS	RF.NL11	353069	12/10/2019	4500306668	12/13/2019	\$5,204.39
CITY OF NORTH LAS VEGAS	RF.NL11	353069	12/10/2019	4500306668	12/13/2019	\$368.94
CITY OF NORTH LAS VEGAS	RF.NL12	353069	12/10/2019	4500306668	12/13/2019	\$173.58
CITY OF NORTH LAS VEGAS	RF.NL12	353069	12/10/2019	4500306668	12/13/2019	\$1,788.52
CITY OF NORTH LAS VEGAS	RF.NL13	353069	12/10/2019	4500306668	12/13/2019	\$2,473.42
CITY OF NORTH LAS VEGAS	RF.NL13	353069	12/10/2019	4500306668	12/13/2019	\$2,257.33
CITY OF NORTH LAS VEGAS	RF.NL14	353069	12/10/2019	4500306668	12/13/2019	\$1,059.21
CITY OF NORTH LAS VEGAS	RF.NL16	353069	12/10/2019	4500306668	12/13/2019	\$2,649.60
CITY OF NORTH LAS VEGAS	RF.NL16	353069	12/10/2019	4500306668	12/13/2019	\$1,270.15
CITY OF NORTH LAS VEGAS	RF.NL16	353069	12/10/2019	4500306668	12/13/2019	\$1,345.96

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 12/1/2019 to 12/31/2019**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NL17	353069	12/10/2019	4500306668	12/13/2019	\$347.16
CITY OF NORTH LAS VEGAS	RF.NL18	353069	12/10/2019	4500306668	12/13/2019	\$173.58
CITY OF NORTH LAS VEGAS	RF.NL18	353069	12/10/2019	4500306668	12/13/2019	\$11,221.55
PUBLIC WORKS/CC TREAS	RF.CC01	4020000026	12/31/2019	none	12/31/2019	\$60,000.00
PUBLIC WORKS/CC TREAS	RF.CC02	4020000027	12/31/2019	none	12/31/2019	\$120,000.00
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN65	19100927	10/18/2019	4500306669	12/17/2019	\$5,829.90
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN65	19110720	11/14/2019	4500306669	12/16/2019	\$15,546.40
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN68	19100927	10/18/2019	4500306669	12/17/2019	\$8,425.67
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN69	19100927	10/18/2019	4500306669	12/17/2019	\$13,701.09
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN69	19110720	11/14/2019	4500306669	12/16/2019	\$5,666.25
<b>Total Expenditures</b>						<u>\$475,257.74</u>
<b>Grand Total</b>						<u><u>\$475,257.74</u></u>



**Regional Flood Control District**

**Maintenance Work Program Status Report - Fiscal Year 2020**

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$238,500.00	\$39,079.70	\$199,420.30
RF.BC02	Georgia/Buchanan Watershed	\$95,350.00	\$1,392.08	\$93,957.92
RF.BC03	North Railroad Watershed	\$31,150.00	\$1,905.62	\$29,244.38
RF.BC04	West Airport Watershed	\$35,000.00	\$989.98	\$34,010.02
		<u>\$400,000.00</u>	<u>\$43,367.38</u>	<u>\$356,632.62</u>

**Clark County**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$600,000.00	\$235,901.53	\$364,098.47
RF.CC02	Las Vegas Wash	\$300,000.00	\$122,655.38	\$177,344.62
RF.CC03	Duck Creek	\$455,500.00	\$31,232.04	\$424,267.96
RF.CC05	Las Vegas Range Wash	\$400,000.00	\$29,741.34	\$370,258.66
RF.CC06	Tropicana Wash	\$200,000.00	\$11,315.05	\$188,684.95
RF.CC07	Airport Channel	\$35,000.00	\$604.13	\$34,395.87
RF.CC08	Monson Channel	\$1,854,700.00	\$8,276.07	\$1,846,423.93
RF.CC09	Rawhide Channel	\$40,000.00	\$902.96	\$39,097.04
RF.CC10	Van Buskirk Channel	\$37,000.00	\$11,337.32	\$25,662.68
RF.CC11	Flamingo Wash North Fork	\$20,000.00	\$545.23	\$19,454.77
RF.CC14	Laughlin Washes	\$39,500.00	\$2,782.44	\$36,717.56
RF.CC15	Moapa Valley	\$90,000.00	\$0.00	\$90,000.00
RF.CC16	Blue Diamond Wash	\$100,000.00	\$25,106.79	\$74,893.21
RF.CC17	Searchlight	\$7,500.00	\$163.72	\$7,336.28
RF.CC18	Bunkerville	\$10,000.00	\$1,105.00	\$8,895.00
RF.CC19	Pittman Wash	\$41,500.00	\$2,397.88	\$39,102.12
RF.CC20	Indian Springs	\$10,000.00	\$850.58	\$9,149.42
RF.CC21	Northern Beltway Channels	\$34,000.00	\$385.63	\$33,614.37
		<u>\$4,274,700.00</u>	<u>\$485,303.09</u>	<u>\$3,789,396.91</u>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$363,500.00	\$167,756.31	\$195,743.69
RF.HN66	C1 South	\$278,000.00	\$11,317.63	\$266,682.37
RF.HN67	Pittman Central NE	\$144,300.00	\$25,318.44	\$118,981.56
RF.HN68	Pittman Central SE	\$632,500.00	\$54,244.98	\$578,255.02
RF.HN69	Pittman Central NW	\$482,000.00	\$167,424.20	\$314,575.80
RF.HN70	Pittman Central SW	\$80,000.00	\$10,564.89	\$69,435.11
RF.HN71	Pittman Anthem Inspirada	\$112,900.00	\$17,441.25	\$95,458.75
RF.HN72	Pittman Seven Hills	\$114,000.00	\$14,719.26	\$99,280.74
RF.HN73	Pittman West Henderson	\$43,500.00	\$4,167.90	\$39,332.10
		<u>\$2,250,700.00</u>	<u>\$472,954.86</u>	<u>\$1,777,745.14</u>

**Las Vegas**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	\$100,000.00	\$23,655.34	\$76,344.66
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$700,000.00	\$7,320.29	\$692,679.71
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$2,368.85	\$97,631.15

## Regional Flood Control District

### Maintenance Work Program Status Report - Fiscal Year 2020

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$700,000.00	\$441,778.71	\$258,221.29
RF.LV55	Meadows/Oakey System	\$100,000.00	\$813.89	\$99,186.11
RF.LV56	Washington Ave/LV Creek	\$225,000.00	\$3,386.00	\$221,614.00
RF.LV57	US95/Outer Beltway/Ann Road System	\$900,000.00	\$161,126.22	\$738,873.78
		<u>\$2,825,000.00</u>	<u>\$640,449.30</u>	<u>\$2,184,550.70</u>

#### Mesquite

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.ME01	Mesquite Town Wash	\$19,000.00	\$1,003.60	\$17,996.40
RF.ME02	Abbott Wash Channel	\$14,300.00	\$89.80	\$14,210.20
RF.ME04	Town Wash Detention Basin	\$617,400.00	\$544,165.88	\$73,234.12
RF.ME07	Pulsipher Wash	\$29,400.00	\$89.80	\$29,310.20
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$350.00	\$59,650.00
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$350.00	\$29,350.00
		<u>\$769,800.00</u>	<u>\$546,049.08</u>	<u>\$223,750.92</u>

#### North Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.NL01	LV Wash "N" Channel	\$80,075.00	\$18,819.40	\$61,255.60
RF.NL02	Las Vegas Wash-Middle	\$160,435.35	\$43,860.27	\$116,575.08
RF.NL03	LV Wash-King Charles Channel	\$87,206.65	\$32,911.49	\$54,295.16
RF.NL04	Vandenberg Detention Basin	\$260,344.00	\$19,681.51	\$240,662.49
RF.NL05	North Las Vegas Detention Basin	\$139,500.00	\$820.25	\$138,679.75
RF.NL06	Upper LVW DB & Moccasin Levee	\$141,132.31	\$8,118.81	\$133,013.50
RF.NL07	Carey/Lake Mead Detention Basin	\$194,814.06	\$138,463.74	\$56,350.32
RF.NL08	Gowan Outfall Channel	\$74,071.00	\$0.00	\$74,071.00
RF.NL10	Upper Las Vegas Wash	\$23,000.00	\$7,660.25	\$15,339.75
RF.NL11	Clayton Street Channel	\$56,071.00	\$10,393.25	\$45,677.75
RF.NL12	Lower Las Vegas Detention Basin	\$96,571.00	\$13,206.35	\$83,364.65
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$10,621.89	\$53,949.11
RF.NL14	Trib to Western Trib @ Craig Rd	\$66,571.00	\$1,942.31	\$64,628.69
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$11,547.54	\$41,523.46
RF.NL16	Upper Las Vegas Wash Channel	\$99,571.00	\$18,296.44	\$81,274.56
RF.NL17	Range Wash-LVW Diversion & Levee	\$146,233.06	\$347.16	\$145,885.90
RF.NL18	Cheyenne Peaking Basin	\$91,262.57	\$36,638.28	\$54,624.29
		<u>\$1,834,500.00</u>	<u>\$373,328.94</u>	<u>\$1,461,171.06</u>

<b>Program Total</b>	<u><u>\$12,354,700.00</u></u>	<u><u>\$2,561,452.65</u></u>	<u><u>\$9,793,247.35</u></u>
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REGIONAL FLOOD CONTROL DISTRICT  
 FUND 3300 - BOND DEBT SERVICE FUND  
 FUND BALANCE REPORT  
 DECEMBER 2019

BEGINNING CASH BALANCE	\$ 4,940,783.45	
Accruals/Adjustments	-	
	<hr/>	
TOTAL BEGINNING CASH BALANCE		\$ 4,940,783.45
 REVENUES:		
Interest Income	14,055.62	
Fund 2860 - Transfer In Debt Service	3,695,850.60	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	1.00	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 3,709,907.22
 EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
TOTAL MONTHLY EXPENSES		\$ <hr/>
 ENDING CASH BALANCE:		 \$ <u><u>8,650,690.67</u></u>

\*Principal payments paid annually (November); Interest payments paid semi-annually (May and November)

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 4430 - CONSTRUCTION FUND  
 FUND BALANCE REPORT  
 DECEMBER 2019**

**BEGINNING CASH BALANCE:**

Cash in Custody of Treasurer	\$ 128,747,391.99
Custodial Account Cash Balance	124,876,537.02
Accruals/Adjustments	-

**TOTAL BEGINNING CASH BALANCE** **\$ 253,623,929.01**

**REVENUES:**

Fund 2860 - Transfer In Budgeted Transfer	3,580,000.00
Fund 3300 - Transfer In Bond Proceeds	-
Fund 4440 - Transfer In Budgeted Transfer	-
Custodial Account - Transfer In to Treasurer	-
Interest Earnings	208,139.27
Custodial Account Interest Earnings	-
Proceeds from Bonds and Loans	-
Miscellaneous Other Revenue	-
Accruals/Adjustments	-
Miscellaneous Accruals/Adjustments	-

**TOTAL MONTHLY REVENUES** **\$ 3,788,139.27**

**EXPENDITURES:**

Capital Improvement Program	(2,620,628.14)
Professional Services	-
Project Reimbursements	-
Fund 2860 - Transfer Out Interest Earnings	(61,538.46)
Fund 2860 - Transfer Out ILA Closeout/Reductions	-
Custodial Account - Transfer Out to Treasurer	-
Accruals/Adjustments	-
Contracts Retention Payable	57,400.86
Contracts Retention Interest Payable	-
Accounts Payable	-
Miscellaneous Accruals/Adjustments	-

**TOTAL MONTHLY EXPENDITURES** **\$ (2,624,765.74)**

**ENDING CASH BALANCE:**

Cash in Custody of Treasurer	129,910,765.52
Custodial Account Cash Balance	124,876,537.02

**ENDING CASH BALANCE:** **\$ 254,787,302.54**

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
12/1/2019 to 12/31/2019**

**Fund 4430**

**Fiscal Year 2020**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CEEC INC	RF.HEN16F17	#18 FINAL	11/26/2019	4800008797 00010	12/17/2019	\$6,915.00
CITY OF HENDERSON	RF.HEN05E09	MSC5032372	11/20/2019	4800002768 00010	12/10/2019	\$318.20
CITY OF HENDERSON	RF.HEN05E09	MSC5032582	12/18/2019	4800002768 00010	12/28/2019	\$1,095.57
CITY OF HENDERSON	RF.HEN07F18	MSC5032375	11/20/2019	4800008975 00010	12/10/2019	\$3,327.94
CITY OF HENDERSON	RF.HEN07F18	MSC5032585	12/18/2019	4800008975 00010	12/30/2019	\$1,248.71
CITY OF HENDERSON	RF.HEN16A01	MSC5032371	11/20/2019	4800001182 00010	12/10/2019	\$2,151.14
CITY OF HENDERSON	RF.HEN16A01	MSC5032581	12/18/2019	4800001182 00010	12/28/2019	\$1,596.19
CITY OF HENDERSON	RF.HEN16F17	MSC5032374	11/20/2019	4800008512 00010	12/10/2019	\$8,951.25
CITY OF HENDERSON	RF.HEN16F17	MSC5032584	12/18/2019	4800008512 00010	12/30/2019	\$6,546.51
CITY OF HENDERSON	RF.HEN25B19	MSC5032586	12/18/2019	4800009491 00010	12/30/2019	\$135.94
CITY OF HENDERSON	RF.HEN05G16	MSC5032373	11/20/2019	4800007531 00010	12/10/2019	\$69.17
CITY OF HENDERSON	RF.HEN05G16	MSC5032583	12/18/2019	4800007531 00010	12/28/2019	\$584.77
CITY OF LAS VEGAS	RF.LAS29E18	296558	10/23/2019	4800009097 00010	12/10/2019	\$10,590.95
CITY OF LAS VEGAS	RF.LAS29E18	296558	10/23/2019	4800009097 00020	12/10/2019	\$116,025.00
CITY OF LAS VEGAS	RF.LAS29E18	300517	11/18/2019	4800009097 00010	12/10/2019	\$15,549.24
CITY OF LAS VEGAS	RF.LAS29E18	300517	11/18/2019	4800009097 00020	12/10/2019	\$93,950.00
CITY OF LAS VEGAS	RF.LAS31A17	300997	11/19/2019	4800008684 00010	12/10/2019	\$414.34
CITY OF NORTH LAS VEGAS	RF.NLV03F17	9898	12/16/2019	4800008161 00010	12/27/2019	\$7,118.98
CITY OF NORTH LAS VEGAS	RF.NLV03G17	9897	12/16/2019	4800008160 00010	12/27/2019	\$9,638.86
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9894	12/16/2019	4800008676 00010	12/27/2019	\$138,628.29
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9894	12/16/2019	4800008676 00020	12/27/2019	\$18,288.24
CITY OF NORTH LAS VEGAS	RF.NLV04K17	9899	12/16/2019	4800008195 00010	12/27/2019	\$228,717.14
CITY OF NORTH LAS VEGAS	RF.NLV09E11	9892	12/16/2019	4800004139 00020	12/27/2019	\$332.60
CITY OF NORTH LAS VEGAS	RF.NLV09E11	9892	12/16/2019	4800004139 00030	12/27/2019	\$2,783.37
CITY OF NORTH LAS VEGAS	RF.NLV17D18	9896	12/16/2019	4800009056 00010	12/27/2019	\$497,294.00
CITY OF NORTH LAS VEGAS	RF.NLV17D18	9896	12/16/2019	4800009056 00020	12/27/2019	\$44,485.26
CITY OF NORTH LAS VEGAS	RF.NLV03J19	9895	12/16/2019	4800009412 00020	12/27/2019	\$758.87
FISHER SAND & GRAVEL CO	RF.HEN16F17	HEN16F17#15	09/30/2019	4800008656 00010	12/20/2019	\$675,622.50
FISHER SAND & GRAVEL CO	RF.HEN16F17	HEN16F17#16	11/30/2019	4800008656 00010	12/18/2019	\$472,394.58
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y2700000 4	11/25/2019	4800009268 00010	12/11/2019	\$7,650.00
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y2700000 4	11/25/2019	4800009268 00020	12/11/2019	\$27,300.00
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y2700000 4	11/25/2019	4800009268 00040	12/11/2019	\$3,500.00
LAS VEGAS PAVING CORP	RF.HEN05G16	HEN05G16#1 6FINAL	07/31/2019	4800008614 00010	12/09/2019	\$12,482.64

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 12/1/2019 to 12/31/2019**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
NEVADA DIVISION OF ENVRMNTL PROTECT	RF.HEN07F18	ID4768	12/11/2019	none	12/27/2019	\$5,000.00
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520063668	12/10/2019	none	12/10/2019	\$14,452.70
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1520063667	12/10/2019	none	12/10/2019	\$2,735.78
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1520066976	12/18/2019	none	12/18/2019	\$989.67
PUBLIC WORKS/CC TREAS	RF.CLA21A00	1520063666	12/10/2019	none	12/10/2019	\$9,850.13
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520063672	12/10/2019	none	12/10/2019	\$15,248.66
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1520066974	12/18/2019	none	12/18/2019	\$1,299.50
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1520066974	12/18/2019	none	12/18/2019	\$39,316.55
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1520066430	12/17/2019	none	12/17/2019	\$220.00
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1520063664	12/10/2019	none	12/10/2019	\$97,246.30
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520063665	12/10/2019	none	12/10/2019	\$7,699.00
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520068129	12/19/2019	none	12/19/2019	\$3,545.00
VTN NEVADA	RF.HEN16A01	7520#70	11/10/2019	4800006059 00020	12/11/2019	\$1,462.00
VTN NEVADA	RF.HEN16A01	7520#70	11/10/2019	4800006059 00040	12/11/2019	\$647.00
VTN NEVADA	RF.HEN16A01	7520#71	12/10/2019	4800006059 00020	12/28/2019	\$1,992.00
VTN NEVADA	RF.HEN16A01	7520#71	12/10/2019	4800006059 00040	12/28/2019	\$2,458.60
<b>Fiscal Year Total</b>						<b>\$2,620,628.14</b>
<b>Fund Total</b>						<b>\$2,620,628.14</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Boulder City**

**BOU01C10**

**Hemenway System, Phase II Improvements**

**Interlocal Amount \$745,000.00**

**Original Funding Date 02/11/2010**

**Expiration Date 01/14/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$730,000.00	\$695,626.07	\$34,373.93
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$745,000.00</b>	<b>\$703,352.74</b>	<b>\$41,647.26</b>

**BOU01D17**

**Hemenway System, Phase IIA Improvements**

**Interlocal Amount \$2,495,000.00**

**Original Funding Date 02/09/2017**

**Expiration Date 02/09/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,200,000.00	\$2,097,672.44	\$102,327.56
Const Engineering	\$295,000.00	\$289,453.97	\$5,546.03
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,495,000.00</b>	<b>\$2,387,126.41</b>	<b>\$107,873.59</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Clark County**

**CLA04E99**

**Flamingo Wash, McLeod Dr to Maryland PKWY**

**Interlocal Amount \$2,980,000.00**

**Original Funding Date 08/12/1999**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$741,500.00	\$647,169.58	\$94,330.42
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,877,500.00	\$1,595,495.85	\$282,004.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$339,000.00	\$315,950.17	\$23,049.83
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$22,000.00	\$17,086.99	\$4,913.01
<b>Total</b>	<b>\$2,980,000.00</b>	<b>\$2,575,702.59</b>	<b>\$404,297.41</b>

**CLA04Y19**

**Flamingo Wash, Maryland Pkwy to Palos Verdes Street**

**Interlocal Amount \$535,000.00**

**Original Funding Date 04/11/2019**

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$500,000.00	\$0.00	\$500,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$535,000.00</b>	<b>\$0.00</b>	<b>\$535,000.00</b>

**CLA08R13**

**Duck Creek, Las Vegas Boulevard**

**Interlocal Amount \$485,000.00**

**Original Funding Date 09/12/2013**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$20,147.60	\$1,852.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$463,000.00	\$378,113.81	\$84,886.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$398,261.41</b>	<b>\$86,738.59</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA08S13**

Silverado Ranch Detention Basin and Outfall Facilities  
Interlocal Amount \$1,370,000.00

Original Funding Date 09/12/2013  
Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$31,000.00	\$29,484.64	\$1,515.36
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$1,017,539.19	\$230,460.81
Construction	\$0.00	\$4,251.70	(\$4,251.70)
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,999.86	\$47,000.14
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$1,085,275.39</b>	<b>\$284,724.61</b>

**CLA10F10**

Flamingo Wash, Industrial Road to Hotel Rio Drive  
Interlocal Amount \$46,000.00

Original Funding Date 04/08/2010  
Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,500.00	\$6,574.40	\$3,925.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$32,000.00	\$18,553.85	\$13,446.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$3,500.00	\$2,618.17	\$881.83
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$46,000.00</b>	<b>\$27,746.42</b>	<b>\$18,253.58</b>

**CLA10H13**

Airport Channel - Naples  
Interlocal Amount \$1,200,000.00

Original Funding Date 09/12/2013  
Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,151,000.00	\$546,713.19	\$604,286.81
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$47,000.00	\$17,782.00	\$29,218.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,200,000.00</b>	<b>\$565,583.19</b>	<b>\$634,416.81</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA10I19**

Wagon Trail Chnl, Sunset Rd to Teco Avenue

Interlocal Amount \$318,800.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$173,600.00	\$0.00	\$173,600.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$130,200.00	\$0.00	\$130,200.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$318,800.00</b>	<b>\$0.00</b>	<b>\$318,800.00</b>

**CLA15D12**

LVW Sloan-Bonanza, Flam W below Nellis

Interlocal Amount \$6,322,000.00

Original Funding Date 06/14/2012

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$15,037.29	\$6,962.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,446,000.00	\$5,056,605.14	\$389,394.86
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$98,774.74	\$121,225.26
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$634,000.00	\$550,857.73	\$83,142.27
<b>Total</b>	<b>\$6,322,000.00</b>	<b>\$5,721,274.90</b>	<b>\$600,725.10</b>

**CLA16O19**

Blue Diamond Wash, Arville Street to I-15

Interlocal Amount \$635,000.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$550,000.00	\$0.00	\$550,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$635,000.00</b>	<b>\$0.00</b>	<b>\$635,000.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA21A00**

Orchard Detention Basin

Interlocal Amount \$1,799,700.00

Original Funding Date 07/13/2000

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$448,000.00	\$382,123.56	\$65,876.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$951,037.20	\$121,962.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$177,502.62	\$74,397.38
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$26,800.00	\$20,081.83	\$6,718.17
<b>Total</b>	<b>\$1,799,700.00</b>	<b>\$1,530,745.21</b>	<b>\$268,954.79</b>

**CLA28D18**

Vandenberg North DB, Collection & Outfall, Phase I

Interlocal Amount \$3,765,000.00

Original Funding Date 12/13/2018

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,391,000.00	\$2,451,520.00	\$939,480.00
Const Engineering	\$374,000.00	\$232,131.08	\$141,868.92
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,765,000.00</b>	<b>\$2,683,651.08</b>	<b>\$1,081,348.92</b>

**CLA36A18**

Jim McGaughey DB, Collection Basin and Outfall

Interlocal Amount \$3,382,870.00

Original Funding Date 06/14/2018

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000,000.00	\$0.00	\$2,000,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,382,870.00	\$335,600.76	\$1,047,269.24
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,382,870.00</b>	<b>\$335,600.76</b>	<b>\$3,047,269.24</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA39A19**

**Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd**

**Interlocal Amount \$453,000.00**

**Original Funding Date 04/11/2019**

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,000.00	\$0.00	\$18,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$0.00	\$400,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$453,000.00</b>	<b>\$0.00</b>	<b>\$453,000.00</b>

### ENTITY: Clark County Outlying

**BUN01D11**

**Windmill Wash Detention Basin Expansion**

**Interlocal Amount \$880,000.00**

**Original Funding Date 02/10/2011**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$41,000.00	\$40,023.59	\$976.41
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$656,000.00	\$620,666.12	\$35,333.88
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$179,000.00	\$176,298.63	\$2,701.37
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$4,000.00	\$0.00	\$4,000.00
<b>Total</b>	<b>\$880,000.00</b>	<b>\$836,988.34</b>	<b>\$43,011.66</b>

**GSP01B10**

**Goodsprings - Phase I**

**Interlocal Amount \$83,400.00**

**Original Funding Date 03/11/2010**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$57,500.00	\$50,866.23	\$6,633.77
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$25,400.00	\$24,876.62	\$523.38
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$83,400.00</b>	<b>\$75,742.85</b>	<b>\$7,657.15</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

LAU04A08

SR 163 at Casino Drive

Interlocal Amount \$528,500.00

Original Funding Date 10/09/2008

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,926.29	\$7,573.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$391,500.00	\$368,243.94	\$23,256.06
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$116,876.27	\$8,623.73
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$528,500.00</b>	<b>\$489,046.50</b>	<b>\$39,453.50</b>

MOA01B89

Muddy River West Levee, Moapa Valley

Interlocal Amount \$13,501,000.00

Original Funding Date 05/11/1989

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,811,200.00	\$10,810,530.39	\$669.61
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,448,000.00	\$1,854,906.53	\$593,093.47
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,500.00	\$132,405.90	\$94.10
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$109,300.00	\$108,590.00	\$710.00
<b>Total</b>	<b>\$13,501,000.00</b>	<b>\$12,906,432.82</b>	<b>\$594,567.18</b>

MOA01F10

Muddy River Logandale Levee

Interlocal Amount \$1,753,000.00

Original Funding Date 03/11/2010

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$565,975.14	\$565,975.14	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$964,690.35	\$958,949.92	\$5,740.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$76,904.51	\$76,904.51	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$145,430.00	\$145,430.00	\$0.00
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,747,259.57</b>	<b>\$5,740.43</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**MOA01H15**

**Muddy River Logandale Levee**  
**Interlocal Amount \$8,500,000.00**

**Original Funding Date 01/08/2015**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,900,000.00	\$7,825,914.65	\$74,085.35
Const Engineering	\$600,000.00	\$383,573.63	\$216,426.37
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$8,500,000.00</b>	<b>\$8,209,488.28</b>	<b>\$290,511.72</b>

**MOA03A11**

**Fairgrounds Detention Basin**  
**Interlocal Amount \$1,011,500.00**

**Original Funding Date 02/10/2011**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$95,000.00	\$62,118.55	\$32,881.45
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$656,595.20	\$70,404.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$148,463.56	\$24,036.44
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$17,000.00	\$8,226.97	\$8,773.03
<b>Total</b>	<b>\$1,011,500.00</b>	<b>\$875,404.28</b>	<b>\$136,095.72</b>

**SEA02B19**

**Searchlight West - State Highway 164**  
**Interlocal Amount \$500,000.00**

**Original Funding Date 10/10/2019**  
**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$493,000.00	\$0.00	\$493,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$500,000.00</b>	<b>\$0.00</b>	<b>\$500,000.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

SEA03A09

Searchlight - South, Encinitas St Storm Drain

Interlocal Amount \$138,000.00

Original Funding Date 08/13/2009

Expiration Date 12/31/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$500.00	\$0.00	\$500.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$137,000.00	\$31,272.42	\$105,727.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$138,000.00</b>	<b>\$31,272.42</b>	<b>\$106,727.58</b>

SEA03B17

Searchlight-South, Encinitas St. Storm Drain

Interlocal Amount \$2,530,000.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,330,000.00	\$1,883,039.51	\$446,960.49
Const Engineering	\$200,000.00	\$169,168.70	\$30,831.30
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,530,000.00</b>	<b>\$2,052,208.21</b>	<b>\$477,791.79</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: COE/Clark County**

**COEG294**

**Tropicana & Flamingo Washes**

**Interlocal Amount \$36,259,348.00**

**Original Funding Date 01/12/1995**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$26,846,216.04	\$26,518,772.39	\$327,443.65
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$9,413,131.96	\$9,363,742.46	\$49,389.50
<b>Total</b>	<b>\$36,259,348.00</b>	<b>\$35,882,514.85</b>	<b>\$376,833.15</b>

**ENTITY: Henderson**

**HEN05E09**

**Pittman, Horizon Ridge Detention Basin**

**Interlocal Amount \$792,285.00**

**Original Funding Date 12/10/2009**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$49,003.78	\$49,003.78	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$654,803.05	\$647,959.60	\$6,843.45
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$88,478.17	\$88,478.17	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$792,285.00</b>	<b>\$785,441.55</b>	<b>\$6,843.45</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**HEN07F18**

**Whitney Ranch Channel Replacement Project**

**Interlocal Amount \$934,549.00**

**Original Funding Date 08/09/2018**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$54,164.00	\$42,651.60	\$11,512.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$205,167.66	\$469,582.34
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$65,472.00	\$60,692.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$0.00	\$79,471.00
<b>Total</b>	<b>\$934,549.00</b>	<b>\$313,291.26</b>	<b>\$621,257.74</b>

**HEN12K19**

**Pittman - Sunset, Galleria to Foster**

**Interlocal Amount \$605,788.00**

**Original Funding Date 12/12/2019**

**Expiration Date 12/31/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$40,000.00	\$0.00	\$40,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$465,788.00	\$0.00	\$465,788.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$50,000.00	\$0.00	\$50,000.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$605,788.00</b>	<b>\$0.00</b>	<b>\$605,788.00</b>

**HEN16A01**

**Pittman North Detention Basin & Outfall**

**Interlocal Amount \$2,264,514.00**

**Original Funding Date 07/12/2001**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$108,800.68	\$108,800.68	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,671,369.22	\$1,589,426.75	\$81,942.47
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$401,827.10	\$401,827.10	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$82,517.00	\$52,236.92	\$30,280.08
<b>Total</b>	<b>\$2,264,514.00</b>	<b>\$2,152,291.45</b>	<b>\$112,222.55</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**HEN16F17**

**Pittman North Detention Basin & Outfall, Phase III**

**Interlocal Amount \$25,700,000.00**

**Original Funding Date 07/13/2017**

**Expiration Date 12/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$24,500,000.00	\$23,116,665.72	\$1,383,334.28
Const Engineering	\$1,200,000.00	\$834,413.47	\$365,586.53
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$23,951,079.19</b>	<b>\$1,748,920.81</b>

**HEN25B19**

**Pittman Pabco - Boulder Highway Crossing**

**Interlocal Amount \$1,454,530.00**

**Original Funding Date 09/12/2019**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,346,787.00	\$0.00	\$1,346,787.00
Const Engineering	\$107,743.00	\$135.94	\$107,607.06
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,454,530.00</b>	<b>\$135.94</b>	<b>\$1,454,394.06</b>

**HLD06B19**

**Chickasaw Storm Drain**

**Interlocal Amount \$1,999,964.00**

**Original Funding Date 07/11/2019**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,999,964.00	\$0.00	\$1,999,964.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,999,964.00</b>	<b>\$0.00</b>	<b>\$1,999,964.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Las Vegas

LAS14C11

Freeway Channel-Washington, MLK to Rancho Drive

Interlocal Amount \$1,073,510.00

Original Funding Date 07/14/2011

Expiration Date 12/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$1,792.87	\$3,207.13
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,510.00	\$1,023,752.42	\$39,757.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,073,510.00</b>	<b>\$1,025,545.29</b>	<b>\$47,964.71</b>

LAS16P15

Rancho Road System - Elkhorn, Grand Canyon to

Hualapai

Interlocal Amount \$654,000.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$650,000.00	\$615,354.99	\$34,645.01
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$654,000.00</b>	<b>\$615,354.99</b>	<b>\$38,645.01</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS16Q18**

**Rancho Road System-Elkhorn, Grand Canyon to Hualapai**

**Interlocal Amount \$5,185,760.00**

**Original Funding Date 03/08/2018**

**Expiration Date 01/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,676,189.00	\$3,235,570.00	\$1,440,619.00
Const Engineering	\$509,571.00	\$364,147.22	\$145,423.78
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,185,760.00</b>	<b>\$3,599,717.22</b>	<b>\$1,586,042.78</b>

**LAS22S13**

**Brent Drainage System-Floyd Lamb Park to Durango Drive**

**Interlocal Amount \$533,365.00**

**Original Funding Date 07/11/2013**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$530,365.00	\$450,299.59	\$80,065.41
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$533,365.00</b>	<b>\$450,299.59</b>	<b>\$83,065.41</b>

**LAS22T15**

**Brent Drainage System - Floyd Lamb Park to Durango Drive**

**Interlocal Amount \$4,900,700.00**

**Original Funding Date 08/13/2015**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,600,000.00	\$4,592,644.15	\$7,355.85
Const Engineering	\$300,700.00	\$220,205.04	\$80,494.96
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,900,700.00</b>	<b>\$4,812,849.19</b>	<b>\$87,850.81</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS22U19**

**Brent Drainage System-Durango to OHare Ave**

**Interlocal Amount \$1,100,000.00**

**Original Funding Date 07/11/2019**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,096,000.00	\$0.00	\$1,096,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,100,000.00</b>	<b>\$0.00</b>	<b>\$1,100,000.00</b>

**LAS23E13**

**Centennial Pkwy Channel West-CC 215, Pioneer Way to US95**

**Interlocal Amount \$1,070,687.00**

**Original Funding Date 07/11/2013**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$604.38	\$1,395.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,687.00	\$818,045.21	\$245,641.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,070,687.00</b>	<b>\$818,649.59</b>	<b>\$252,037.41</b>

**LAS23F14**

**Centennial Parkway Channel West-CC215, Pioneer Way to US95**

**Interlocal Amount \$13,900,000.00**

**Original Funding Date 11/13/2014**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,800,000.00	\$12,552,817.62	\$247,182.38
Const Engineering	\$1,100,000.00	\$57,065.13	\$1,042,934.87
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,900,000.00</b>	<b>\$12,609,882.75</b>	<b>\$1,290,117.25</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS23G15**

Centennial Parkway Channel West-US95, CC215 to Durango

Interlocal Amount \$1,261,471.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$4,000.00	\$0.00	\$4,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,253,471.00	\$1,033,454.57	\$220,016.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,261,471.00</b>	<b>\$1,033,454.57</b>	<b>\$228,016.43</b>

**LAS23H15**

Centennial Parkway Channel West-US95, Durango to Grand Teton

Interlocal Amount \$985,231.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$981,231.00	\$567,853.85	\$413,377.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$985,231.00</b>	<b>\$567,853.85</b>	<b>\$417,377.15</b>

**LAS23I17**

Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn

Interlocal Amount \$26,425,221.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$23,825,221.00	\$22,074,795.25	\$1,750,425.75
Const Engineering	\$2,600,000.00	\$1,873,027.37	\$726,972.63
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,425,221.00</b>	<b>\$23,947,822.62</b>	<b>\$2,477,398.38</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS24I15**

**Gowan Box Canyon - Lone Mountain Road**  
**Interlocal Amount \$704,000.00**

**Original Funding Date 07/09/2015**  
**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$700,000.00	\$423,742.73	\$276,257.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$704,000.00</b>	<b>\$423,742.73</b>	<b>\$280,257.27</b>

**LAS24J15**

**Gowan North - El Capitan Branch, Lone Mountain to Ann Road**  
**Interlocal Amount \$820,478.00**

**Original Funding Date 07/09/2015**  
**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$781,478.00	\$777,904.15	\$3,573.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$35,000.00	\$0.00	\$35,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$820,478.00</b>	<b>\$777,904.15</b>	<b>\$42,573.85</b>

**LAS24L17**

**Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy**  
**Interlocal Amount \$861,670.00**

**Original Funding Date 08/10/2017**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$857,670.00	\$193,534.58	\$664,135.42
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$861,670.00</b>	<b>\$193,534.58</b>	<b>\$668,135.42</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS24M17**

Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.  
Interlocal Amount \$9,630,600.00

Original Funding Date 10/12/2017  
Expiration Date 09/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$8,700,500.00	\$7,867,200.45	\$833,299.55
Const Engineering	\$930,100.00	\$910,086.84	\$20,013.16
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,630,600.00</b>	<b>\$8,777,287.29</b>	<b>\$853,312.71</b>

**LAS25B13**

Cedar Avenue Channel Improvements  
Interlocal Amount \$831,489.00

Original Funding Date 07/11/2013  
Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$827,489.00	\$689,566.15	\$137,922.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$831,489.00</b>	<b>\$689,566.15</b>	<b>\$141,922.85</b>

**LAS28C12**

Las Vegas Wash - Sloan Channel to Cedar Avenue  
Interlocal Amount \$110,000.00

Original Funding Date 06/14/2012  
Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$110,000.00	\$88,302.56	\$21,697.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$110,000.00</b>	<b>\$88,302.56</b>	<b>\$21,697.44</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS29B15**

Flamingo-Boulder HWY N-Boulder HWY Sahara to  
Charleston

Interlocal Amount \$1,726,003.00

Original Funding Date 12/10/2015

Expiration Date 12/31/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$34,000.00	\$0.00	\$34,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,673,003.00	\$1,478,990.80	\$194,012.20
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,726,003.00</b>	<b>\$1,478,990.80</b>	<b>\$247,012.20</b>

**LAS29C16**

Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy  
System

Interlocal Amount \$2,488,829.00

Original Funding Date 09/08/2016

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,478,829.00	\$1,833,598.25	\$645,230.75
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,488,829.00</b>	<b>\$1,833,598.25</b>	<b>\$655,230.75</b>

**LAS29D17**

Flamingo-Boulder Hwy North, Charleston, Main to  
Maryland

Interlocal Amount \$1,529,674.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,525,674.00	\$436,746.98	\$1,088,927.02
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,529,674.00</b>	<b>\$436,746.98</b>	<b>\$1,092,927.02</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS29E18**

**Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston**

**Interlocal Amount \$30,664,139.00**

**Original Funding Date 10/11/2018**

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,829,533.00	\$209,975.00	\$28,619,558.00
Const Engineering	\$1,834,606.00	\$53,141.13	\$1,781,464.87
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,664,139.00</b>	<b>\$263,116.13</b>	<b>\$30,401,022.87</b>

**LAS30A13**

**Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard**

**Interlocal Amount \$711,938.00**

**Original Funding Date 07/11/2013**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$3,000.00	\$0.00	\$3,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$706,938.00	\$260,779.40	\$446,158.60
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$711,938.00</b>	<b>\$260,779.40</b>	<b>\$451,158.60</b>

**LAS31A17**

**LVW-Moccasin, Skye Canyon Park to Upper LVW**

**Interlocal Amount \$60,000.00**

**Original Funding Date 12/14/2017**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$43,063.47	\$16,936.53
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$60,000.00</b>	<b>\$43,063.47</b>	<b>\$16,936.53</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS31B18**

**LVW - Moccasin, Skye Canyon Park to Upper LVW**

**Interlocal Amount \$15,393,582.00**

**Original Funding Date 11/08/2018**

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$14,386,525.00	\$0.00	\$14,386,525.00
Const Engineering	\$1,007,057.00	\$0.00	\$1,007,057.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$15,393,582.00</b>	<b>\$0.00</b>	<b>\$15,393,582.00</b>

**LLD10B13**

**Buckskin Avenue Storm Drain**

**Interlocal Amount \$1,200,000.00**

**Original Funding Date 07/11/2013**

**Expiration Date 12/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,200,000.00	\$939,686.98	\$260,313.02
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,200,000.00</b>	<b>\$939,686.98</b>	<b>\$260,313.02</b>

**LLD19A18**

**Luning Drive Storm Drain**

**Interlocal Amount \$1,201,965.00**

**Original Funding Date 07/12/2018**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,201,965.00	\$0.00	\$1,201,965.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,201,965.00</b>	<b>\$0.00</b>	<b>\$1,201,965.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Mesquite**

**MES01E17**

**Town Wash-Mesa Boulevard, El Dorado to Town Wash**  
**Interlocal Amount \$539,582.75**

**Original Funding Date 09/14/2017**  
**Expiration Date 09/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$422,988.00	\$340,388.00	\$82,600.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$116,594.75	\$68,868.75	\$47,726.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$539,582.75</b>	<b>\$409,256.75</b>	<b>\$130,326.00</b>

**MES04A15**

**Virgin River Flood Wall**  
**Interlocal Amount \$1,433,903.00**

**Original Funding Date 11/12/2015**  
**Expiration Date 07/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,680.00	\$0.00	\$18,680.00
Pre-Design	\$208,278.00	\$207,278.00	\$1,000.00
Design	\$886,060.00	\$185,070.64	\$700,989.36
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$157,630.00	\$0.00	\$157,630.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$163,255.00	\$0.00	\$163,255.00
<b>Total</b>	<b>\$1,433,903.00</b>	<b>\$392,348.64</b>	<b>\$1,041,554.36</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: North Las Vegas

NLV03E13

Hollywood System, Dunes South DB to Centennial Parkway

Interlocal Amount \$2,706,972.00

Original Funding Date 10/10/2013

Expiration Date 12/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$656,972.00	\$58,432.79	\$598,539.21
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,040,000.00	\$1,855,114.23	\$184,885.77
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,706,972.00</b>	<b>\$1,913,547.02</b>	<b>\$793,424.98</b>

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$1,081,889.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$16,680.92	\$233,319.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$487,190.64	\$334,698.36
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,081,889.00</b>	<b>\$503,871.56</b>	<b>\$578,017.44</b>

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$1,586,850.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$30,425.29	\$476,699.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$874,118.73	\$195,606.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,586,850.00</b>	<b>\$904,544.02</b>	<b>\$682,305.98</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV03H17

Hollywood System, Dunes S DB to Centennial Pkwy-  
Phase I

Interlocal Amount \$13,109,000.00

Original Funding Date 11/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,290,000.00	\$10,688,940.87	\$1,601,059.13
Const Engineering	\$819,000.00	\$238,372.31	\$580,627.69
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,109,000.00</b>	<b>\$10,927,313.18</b>	<b>\$2,181,686.82</b>

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

Expiration Date 12/31/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,470,000.00	\$2,459,257.99	\$10,742.01
Const Engineering	\$198,000.00	\$193,033.52	\$4,966.48
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,668,000.00</b>	<b>\$2,652,291.51</b>	<b>\$15,708.49</b>

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons  
Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,025,895.50	\$895,260.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,931,156.00</b>	<b>\$1,025,895.50</b>	<b>\$905,260.50</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,534,770.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$64,673.77	\$51,961.48	\$12,712.29
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,052,268.10	\$167,731.90
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,770.00	\$121,770.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,534,770.00</b>	<b>\$1,349,325.81</b>	<b>\$185,444.19</b>

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,464,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400,000.00	\$364,497.15	\$35,502.85
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$989,000.00	\$921,880.45	\$67,119.55
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$1,185.69	\$8,814.31
Entity Costs	\$65,000.00	\$0.00	\$65,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,464,000.00</b>	<b>\$1,287,563.29</b>	<b>\$176,436.71</b>

NLV10L19

Las Vegas Wash Cartier Channel

Interlocal Amount \$698,289.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$20,000.00	\$0.00	\$20,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$676,289.00	\$0.00	\$676,289.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$698,289.00</b>	<b>\$0.00</b>	<b>\$698,289.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$11,422.40	\$247,665.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$396,036.31	\$60,954.69
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$726,079.00</b>	<b>\$407,458.71</b>	<b>\$318,620.29</b>

NLV17D18

Fifth St Collector, Centennial Pkwy to Deer Spgs Way

Interlocal Amount \$5,416,000.00

Original Funding Date 09/13/2018

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,950,000.00	\$4,413,249.00	\$536,751.00
Const Engineering	\$466,000.00	\$140,752.97	\$325,247.03
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,416,000.00</b>	<b>\$4,554,001.97</b>	<b>\$861,998.03</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV19A19

Carey-Lake Mead DB Outfall Modification

Interlocal Amount \$100,000.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$100,000.00	\$0.00	\$100,000.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$100,000.00</b>

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,450,998.41	\$39,890,110.99	\$4,560,887.42
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$51,156,313.62	\$35,426,302.12	\$15,730,011.50
Construction	\$163,597,684.00	\$106,413,201.33	\$57,184,482.67
Const Engineering	\$12,541,777.00	\$5,958,708.32	\$6,583,068.68
Environmental	\$2,894,268.53	\$2,052,904.81	\$841,363.72
Entity Costs	\$150,000.00	\$0.00	\$150,000.00
Other	\$10,766,904.96	\$10,266,252.90	\$500,652.06
<b>Total</b>	<b>\$285,989,550.75</b>	<b>\$200,338,084.70</b>	<b>\$85,651,466.05</b>
Construction Projects = 19      Design / Other Projects = 54			

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Boulder City**

**BOU01E19**

**Hemenway System, Phase IIB Improvements**

**Interlocal Amount \$4,669,036.00**

**Original Funding Date 11/14/2019**

**Expiration Date 12/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,284,036.00	\$0.00	\$4,284,036.00
Const Engineering	\$385,000.00	\$0.00	\$385,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,669,036.00</b>	<b>\$0.00</b>	<b>\$4,669,036.00</b>

**ENTITY: Clark County**

**CLA04W16**

**Flamingo Wash, Eastern Avenue**

**Interlocal Amount \$1,517,000.00**

**Original Funding Date 05/19/2016**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,315,000.00	\$1,260,768.35	\$54,231.65
Const Engineering	\$202,000.00	\$201,441.40	\$558.60
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,517,000.00</b>	<b>\$1,462,209.75</b>	<b>\$54,790.25</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**CLA08T14**

**Duck Creek, Las Vegas Boulevard**

**Interlocal Amount \$7,400,000.00**

**Original Funding Date 09/11/2014**

**Expiration Date 12/31/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$6,700,000.00	\$6,338,987.37	\$361,012.63
Const Engineering	\$700,000.00	\$642,489.75	\$57,510.25
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,400,000.00</b>	<b>\$6,981,477.12</b>	<b>\$418,522.88</b>

**CLA15E13**

**LVW-Sloan to Stewart-Flam Wash below Nellis**

**Interlocal Amount \$84,184,000.00**

**Original Funding Date 10/10/2013**

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$73,952,000.00	\$71,935,126.87	\$2,016,873.13
Const Engineering	\$7,432,000.00	\$6,840,205.20	\$591,794.80
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$1,097,628.49	\$1,702,371.51
<b>Total</b>	<b>\$84,184,000.00</b>	<b>\$79,872,960.56</b>	<b>\$4,311,039.44</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Clark County Outlying**

**LAU04B17**

**SR 163 at Casino Drive**

**Interlocal Amount \$2,250,000.00**

**Original Funding Date 07/13/2017**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$1,568,625.94	\$496,374.06
Const Engineering	\$185,000.00	\$33,275.98	\$151,724.02
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,250,000.00</b>	<b>\$1,601,901.92</b>	<b>\$648,098.08</b>

**ENTITY: Henderson**

**HEN05G16**

**Horizon Ridge Detention Basin**

**Interlocal Amount \$7,506,000.00**

**Original Funding Date 04/14/2016**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$6,950,000.00	\$6,429,235.63	\$520,764.37
Const Engineering	\$556,000.00	\$355,628.08	\$200,371.92
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,506,000.00</b>	<b>\$6,784,863.71</b>	<b>\$721,136.29</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Las Vegas**

**LAS14D14**

**Freeway Channel-Washington, MLK to Rancho Drive  
Interlocal Amount \$11,555,343.00**

**Original Funding Date 02/13/2014  
Expiration Date 12/31/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$10,500,343.00	\$9,401,693.30	\$1,098,649.70
Const Engineering	\$1,055,000.00	\$921,250.71	\$133,749.29
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,555,343.00</b>	<b>\$10,322,944.01</b>	<b>\$1,232,398.99</b>

**ENTITY: North Las Vegas**

**NLV03J19**

**Hollywood System, Phase II, NAFB Reach  
Interlocal Amount \$19,610,000.00**

**Original Funding Date 05/23/2019  
Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$18,500,000.00	\$0.00	\$18,500,000.00
Const Engineering	\$1,110,000.00	\$3,422.95	\$1,106,577.05
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$19,610,000.00</b>	<b>\$3,422.95</b>	<b>\$19,606,577.05</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV03K19

Range Wash - Ann Branch, Phase II

Interlocal Amount \$7,697,245.00

Original Funding Date 09/12/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,118,510.00	\$0.00	\$7,118,510.00
Const Engineering	\$578,735.00	\$0.00	\$578,735.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,697,245.00</b>	<b>\$0.00</b>	<b>\$7,697,245.00</b>

NLV09J19

Beltway Detention Basin, Collection and Outfall

Interlocal Amount \$16,192,926.00

Original Funding Date 05/23/2019

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$15,132,926.00	\$0.00	\$15,132,926.00
Const Engineering	\$1,060,000.00	\$0.00	\$1,060,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$16,192,926.00</b>	<b>\$0.00</b>	<b>\$16,192,926.00</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV09K19

Vandenberg North DB, Collection & Outfall, Phase II

Interlocal Amount \$30,499,000.00

Original Funding Date 08/08/2019

Expiration Date 06/20/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,504,000.00	\$0.00	\$28,504,000.00
Const Engineering	\$1,995,000.00	\$0.00	\$1,995,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,499,000.00</b>	<b>\$0.00</b>	<b>\$30,499,000.00</b>

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$175,021,815.00	\$96,934,437.46	\$78,087,377.54
Const Engineering	\$15,258,735.00	\$8,997,714.07	\$6,261,020.93
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$1,097,628.49	\$1,702,371.51
<b>Total</b>	<b>\$193,080,550.00</b>	<b>\$107,029,780.02</b>	<b>\$86,050,769.98</b>
Construction Projects = 11      Design / Other Projects = 0			

## Capital Improvement Program - Open Projects Summary

### Pay-As-You-Go And Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,450,998.41	\$39,890,110.99	\$4,560,887.42
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$51,156,313.62	\$35,426,302.12	\$15,730,011.50
Construction	\$338,619,499.00	\$203,347,638.79	\$135,271,860.21
Const Engineering	\$27,800,512.00	\$14,956,422.39	\$12,844,089.61
Environmental	\$2,894,268.53	\$2,052,904.81	\$841,363.72
Entity Costs	\$150,000.00	\$0.00	\$150,000.00
Other	\$13,566,904.96	\$11,363,881.39	\$2,203,023.57
<b>Total</b>	<b>\$479,070,100.75</b>	<b>\$307,367,864.72</b>	<b>\$171,702,236.03</b>
Construction Projects = 30      Design / Other Projects = 54			

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,450,998.41	\$39,890,110.99	\$4,560,887.42
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$51,156,313.62	\$35,426,302.12	\$15,730,011.50
Construction	\$163,597,684.00	\$106,413,201.33	\$57,184,482.67
Const Engineering	\$12,541,777.00	\$5,958,708.32	\$6,583,068.68
Environmental	\$2,894,268.53	\$2,052,904.81	\$841,363.72
Entity Costs	\$150,000.00	\$0.00	\$150,000.00
Other	\$10,766,904.96	\$10,266,252.90	\$500,652.06
<b>Total</b>	<b>\$285,989,550.75</b>	<b>\$200,338,084.70</b>	<b>\$85,651,466.05</b>
Construction Projects = 19      Design / Other Projects = 54			

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$175,021,815.00	\$96,934,437.46	\$78,087,377.54
Const Engineering	\$15,258,735.00	\$8,997,714.07	\$6,261,020.93
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$1,097,628.49	\$1,702,371.51
<b>Total</b>	<b>\$193,080,550.00</b>	<b>\$107,029,780.02</b>	<b>\$86,050,769.98</b>
Construction Projects = 11      Design / Other Projects = 0			



**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$745,000.00
BOU01D17	Hemenway System, Phase IIA Improvements	Open	\$2,495,000.00
BOU02A88	Georgia Avenue Channel	Closed	\$613,590.23
BOU03A88	Buchanan Blvd. Channel	Closed	\$412,719.91
BOU03B98	Buchanan Watershed Facilities	Closed	\$420,240.41
BOU03C10	Buchanan Blvd., Phase III Improvements	Closed	\$344,263.01
BOU03D11	Buchanan Blvd., Phase III Improvements	Closed	\$0.00
BOU03E12	Buchanan Blvd., Phase III Improvements	Closed	\$4,689,402.24
BOU04A96	West Airport Watershed	Closed	\$128,138.69
BOU04B97	West Airport Watershed Construction	Closed	\$1,839,686.60
BOU04C01	Hemenway Wash	Closed	\$101,580.75
BOU05A98	North Railroad Watershed (Industrial Road Facility)	Closed	\$448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	\$129,206.79
BOU05G07	Yucca Street Drainage	Closed	\$71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	\$521,408.23
BOU05J10	North Railroad Conveyance	Closed	\$509,462.22
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	\$829,854.43
BOU05L11	North Railroad Conveyance	Closed	\$3,503,502.20
BOU05M18	North Railroad Conveyance, Phase II	Closed	\$2,370,058.67
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			<b>\$25,713,599.97</b>

**Clark County**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA01A87	Upper Flamingo Wash Detention Basin & Outfall	Closed	\$6,932,932.63
CLA01B04	F4 Patrick Lane/Ft Apache Road Lateral	Closed	\$482,000.00
CLA01D07	Flamingo Hacienda	Closed	\$4,037,385.53
CLA02A88	Rawhide Channel	Closed	\$69,932.30
CLA02B90	Rawhide Channel/Eastern Av Drainage Structure	Closed	\$155,540.00
CLA02C90	Rawhide Channel/Eastern Outfall	Closed	\$115,000.00
CLA02D90	Rawhide Channel/Eastern-Topaz	Closed	\$1,069,252.07
CLA02E91	Rawhide Channel/McLeod-Mtn Vista	Closed	\$166,990.74
CLA02G99	Rawhide Channel at Sagebrush Street	Closed	\$441,753.51
CLA03A88	Van Buskirk Channel - Predesign	Closed	\$118,463.30
CLA03B90	Van Buskirk Channel Outfall	Closed	\$3,332,227.08
CLA03C90	Van Buskirk Channel - ROW	Closed	(\$202,889.63)
CLA03D91	Van Buskirk System/Spencer-Rochelle	Closed	\$808,963.97
CLA03H93	Van Buskirk Channel / Phases IIA & VI Construction	Closed	\$6,112,843.32
CLA04A89	Flamingo Wash Bridge @ Eastern	Closed	\$61,900.00
CLA04B89	Flamingo Wash Bridge @ Arville	Closed	\$294,818.61
CLA04C90	Flamingo Wash Bridge @ Paradise & Palos Verde	Closed	\$1,711,276.60
CLA04D93	Flamingo Wash - Winnick Ave. Improvements	Closed	\$2,739,120.64

1/16/2020 - payas443

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	Open	\$2,980,000.00
CLA04F99	Flamingo Wash, I-515 to McLeod Dr	Closed	\$1,252,537.43
CLA04G00	Flamingo Wash at Boulder Highway	Closed	\$860,102.20
CLA04H00	Flamingo Wash, Boulder Highway to Mojave Rd	Closed	\$6,284,809.40
CLA04I01	Flamingo Wash, Spencer Street Bridge & Approach Channel	Closed	\$2,436,743.83
CLA04M06	Flamingo - Boulder HWY N, Sahara Ave to Flamingo Wash	Closed	\$1,027,029.82
CLA04Q08	Flamingo Wash, Nellis Blvd to I-515	Closed	\$995,990.90
CLA04R08	Flamingo Wash, Desert Inn to Eastern Avenue	Closed	\$7,869,248.66
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	\$10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	\$11,132,175.16
CLA04Y19	Flamingo Wash, Maryland Pkwy to Palos Verdes Street	Open	\$535,000.00
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	\$814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	\$479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	\$4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	\$807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	\$5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(\$11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	\$9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	\$3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	\$673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	\$8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	\$13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Closed	\$413,865.28
CLA08R13	Duck Creek, Las Vegas Boulevard	Open	\$485,000.00
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,370,000.00
CLA08W16	Duck Creek at Dean Martin	Closed	\$3,058,969.76
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	\$366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	\$1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval	Closed	\$228,665.56
CLA10D07	Tropicana Wash at Swenson Street	Closed	\$1,253,646.20
CLA10F10	Flamingo Wash, Industrial Road to Hotel Rio Drive	Open	\$46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,080,110.67
CLA10H13	Airport Channel - Naples	Open	\$1,200,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$318,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,322,000.00
CLA16A98	Upr Duck Ck, Ctrl Duck Ck, Lwr Blue Diamond & Bird Sp/ROW	Closed	\$2,226,784.41
CLA16B00	Upr Duck, Ctrl Duck, Lower Blue Dia, & Bird Springs DB	Closed	\$1,363,624.69
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	\$8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	\$535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	\$2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	\$1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	\$357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	\$3,000,000.00
CLA16O19	Blue Diamond Wash, Arville Street to I-15	Open	\$635,000.00
CLA17E04	Blue Diamond Channel, Rainbow Branch	Closed	\$1,495,409.16
CLA19A99	Red Rock Channel, Naples Branch	Closed	\$1,333,173.93
CLA19C02	Red Rock Channel, Naples Branch - Flamingo Connector	Closed	\$674,561.31
CLA20A99	Washington Collection System	Closed	\$69,701.68
CLA20B00	Washington Collection System	Closed	\$680,964.62
CLA21A00	Orchard Detention Basin	Open	\$1,799,700.00
CLA21B12	Orchard Detention Basin	Closed	\$4,929,886.35
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$3,382,870.00
CLA39A19	Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd	Open	\$453,000.00
CLD02A11	Annie Oakley Drive at Rawhide Channel Storm Drain	Closed	\$84,203.00
CLD04A08	Twain at Pecos-McLeod Storm Drain	Closed	\$442,521.57
CLD07A07	Sunrise Area Storm Drain	Closed	\$914,982.31
CLD07B08	Carey Avenue Storm Drain	Closed	\$1,351,525.62
CLD07C10	Sunrise Ave. Storm Drain, Fogg St. to Clayton St.	Closed	\$154,935.40
CLD07D12	Toiyabe Street Storm Drain	Closed	\$0.00
CLD14A10	Tunis Ave and Karvel Street Storm Drain	Closed	\$189,391.53
CLD15A09	Olive Street Storm Drain, US-95 to Palm Street	Closed	\$800,286.13
CLD17A09	Las Vegas Blvd/Serene Ave Storm Drain	Closed	\$133,338.79
CLD19A17	Katie Avenue Storm Drain - Local Drainage Improvements	Closed	\$724,665.88
CLD20A12	Washington/Hollywood Storm Drain	Closed	\$259,862.20
CLD98A06	Hickam Avenue Storm Drain	Closed	\$465,091.07
CLD99A05	Red Coach Ave/Cimarron Rd Improvements	Closed	\$388,200.00
			<u>\$241,175,849.05</u>

**Clark County Outlying**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
LAU04A08	SR 163 at Casino Drive	Open	\$528,500.00
MOA01A89	Cooper Ave. Crossing - Moapa Valley	Closed	\$185,000.00
MOA01B89	Muddy River West Levee, Moapa Valley	Open	\$13,501,000.00
MOA01C06	Muddy River, Gubler Avenue Bridge	Closed	\$745,638.67
MOA01D07	Muddy River, Gubler Avenue Bridge	Closed	\$5,319,472.98
MOA01E08	Muddy River & Trib - Cooper Ave to Yamashita St	Closed	\$966,120.32
MOA01F10	Muddy River Logandale Levee	Open	\$1,753,000.00
MOA01G11	Muddy River, Cooper Street Bridge	Closed	\$15,793,908.74
MOA01H15	Muddy River Logandale Levee	Open	\$8,500,000.00

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**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	\$235,040.74
MOA02B92	Logan Wash Construction	Closed	\$3,510,528.60
MOA03A11	Fairgrounds Detention Basin	Open	\$1,011,500.00
NEL01A88	Nelson Flood Control Improvements	Closed	\$2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	\$861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	\$5,500.00
SEA02A07	Searchlight - West, US-95	Closed	\$162,000.00
SEA02B19	Searchlight West - State Highway 164	Open	\$500,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Open	\$138,000.00
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<hr/>
			\$75,754,869.94

**COE/Clark County**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
COEESCRO	COE Escrow Account	Closed	\$15,126,215.56
COEG194	COE General Project Information	Closed	\$97,744.28
COEG294	Tropicana & Flamingo Washes	Open	\$36,259,348.00
COETF	TROPFLAM-Haz Mat	Closed	\$280,550.00
			<hr/>
			\$51,763,857.84

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01A87	Pittman Wash Channel Design (Phases I, II,	Closed	\$533,554.14
HEN01B87	Warm Springs & Stephanie Street Bridges	Closed	\$1,660,108.81
HEN01C90	Pittman Wash Channel - Phase I Construction	Closed	\$2,744,110.10
HEN01F00	Pittman Wash Lower Reach	Closed	\$324,343.79
HEN01H09	Pittman Wash, Duck Creek at I-515	Closed	\$349,813.57
HEN01I14	Pittman Wash, Duck Creek at I-515	Closed	\$2,295,044.97
HEN02A89	Green Valley Parkway Bridge	Closed	\$1,128,513.78
HEN03A91	UPRR Channel	Closed	\$117,073.57
HEN04A91	C-1 Predesign / Mission Hills Design	Closed	\$1,009,074.06
HEN04B93	C-1 Channel / Lake Mead Dr. to Burkholder Design	Closed	\$173,333.98
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,636,599.02
HEN04F97	Black Mountain Detention Basin	Closed	\$275,048.92
HEN04I98	C-1 Channel (Culvert) at Lake Mead	Closed	\$907,210.00
HEN04K99	Upper and Middle Reaches of the C-1 Channel	Closed	\$521,871.29
HEN04O09	C-1, Four Kids Wash - Lake Mead to Eagle Rock	Closed	\$22,905.46
HEN04P09	Racetrack Channel, Drake to Burkholder	Closed	\$76,414.93
HEN04Q15	Racetrack Channel, Drake to Burkholder	Closed	\$833,948.46
HEN05A92	Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$3,749,294.23
HEN05C01	Pioneer Detention Basin	Closed	\$4,323,566.57
HEN05D09	Pioneer Detention Basin Expansion and Inflow	Closed	\$325,840.81
HEN05E09	Pittman, Horizon Ridge Detention Basin	Open	\$792,285.00
HEN06A93	Equestrian Drive Detention Basin	Closed	\$388,624.49
HEN06B95	Equestrian Detention Basin	Closed	\$6,128,895.08
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
HEN12IO9	Pittman, West Horizon - Palm Hills	Closed	\$249,028.80
HEN12K19	Pittman - Sunset, Galleria to Foster	Open	\$605,788.00
HEN13A00	Boulder Highway Channel	Closed	\$360,070.00
HEN14A00	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$2,355,800.39
HEN14B06	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$6,787,948.72
HEN15A00	Pittman Wash Railroad Channel	Closed	\$568,801.51
HEN16A01	Pittman North Detention Basin & Outfall	Open	\$2,264,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN23A09	Center Street Storm Drain	Closed	\$564,095.75
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HEN25B19	Pittman Pabco - Boulder Highway Crossing	Open	\$1,454,530.00
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			<b>\$151,457,026.95</b>

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

**Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01A87	Angel Park Detention Basin Outflow Structure	Closed	\$397,978.73
LAS01B95	Angel Park Detention Basin Expansion	Closed	\$1,356,534.40
LAS01D09	Angel Park North - Detention Basin	Closed	\$597,382.00
LAS02A87	Buffalo Channel	Closed	\$4,167,183.73
LAS02B91	Buffalo Channel/Summerlin PKWY - Vegas Drive	Closed	\$126,491.20
LAS02C91	Buffalo Channel/Westcliff-Summerlin Pkwy	Closed	\$471,594.88
LAS02D92	Buffalo Channel/Doe Av.-Westcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westcliff	Closed	\$1,685,430.55
LAS03A89	Gowan Rd Detention System	Closed	\$195,685.16
LAS03B89	Gowan Detention Basin & Outfall	Closed	\$4,813,519.80
LAS03D98	Gowan South Detention Basin Expansion	Closed	\$126,398.42
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey B1 System	Closed	\$631,418.63
LAS04C91	Oakey B1 System/Decatur B1 Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to	Closed	\$13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(\$5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	\$2,280,263.22

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	\$247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	\$5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59
LAS10F97	Gowan Outfall Lone Mtn Branch - Ferrell St to Kenny Way	Closed	\$111,327.87
LAS10H98	Gowan North Buffalo Branch (Chnl) - Atwood to Lone Mtn Rd	Closed	\$285,859.78
LAS10J98	Gowan North Chnl-Alexander Dr to Lone Mtn Rd & LM Outfall	Closed	\$651,405.16
LAS10K99	CAM 10 Detention Basin (aka Ann Road DB)	Closed	\$682,577.04
LAS10L99	Gowan North-Buffalo Branch	Closed	\$162,106.81
LAS10M00	Gowan North - Buffalo Branch (Gowan Road & Buckskin Ave)	Closed	\$608,179.39
LAS10N00	Gowan Outfall, Lone Mountain Branch (Allen Lane-Ferrell)	Closed	\$1,545,053.54
LAS10P00	Gowan/Lone Mountain System - Gilmore Channel (CM)	Closed	\$8,492.19
LAS10Q01	Gowan/Lone Mountain System - Gilmore Channel (Developer Participation)	Closed	\$1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	\$2,462,085.23
LAS10Y05	Gowan Lone Mountain System - Cliff Shadows Park	Closed	\$1,549,850.67
LAS11A92	Rampart Storm Drain (Angel Park-Peccole 1)	Closed	\$44,809.03
LAS11B93	Rampart Storm Drain Construction	Closed	\$185,842.34
LAS12A92	Alta Storm Drain (Meadows V)	Closed	\$851,465.76
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00
LAS13C93	Cheyenne Channel / Buffalo - Gowan	Closed	\$1,107,787.47
LAS14A95	Washington Avenue - I-15 to Martin Luther King	Closed	\$74,429.00
LAS14B00	Washington Avenue & Freeway Channel North	Closed	\$4,887,278.94
LAS14C11	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$1,073,510.00
LAS15A95	Oakey Storm Drain - I-15 to Decatur Blvd	Closed	\$391,238.42
LAS16A98	Ann Road Channel West/ Allen Lane - Rancho Drive	Closed	\$657,583.31
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	\$3,953,168.82



**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	\$4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	\$475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Closed	\$927,245.27
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Closed	\$394,023.05
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	\$3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Closed	\$8,681,088.21
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Closed	\$2,287,600.29
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	\$654,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Open	\$5,185,760.00
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas Wsh/Smoke Ranch Sys: Peak Dr/Torrey Pines-Jones	Closed	\$147,617.92
LAS18B00	Las Vegas Wash - Smoke Ranch System (Peak Drive: Torrey Pines - Jones)	Closed	\$1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	\$292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	\$4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	\$10,997,022.53
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	\$448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	\$92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	\$274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36
LAS22F07	Las Vegas Wash - Rainbow (Elkhorn Road to Grand Teton Drive)	Closed	\$951,355.17
LAS22G07	Elkhorn Springs and Buffalo Storm Drain	Closed	\$280,782.51
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	\$6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	\$2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	\$850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	\$172,513.02
LAS22R12	LVW-Grand Teton, Mountain Spa to Durango Drive	Closed	\$12,250,368.51
LAS22S13	Brent Drainage System-Floyd Lamb Park to Durango Drive	Open	\$533,365.00

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS22T15	Brent Drainage System - Floyd Lamb Park to Durango Drive	Open	\$4,900,700.00
LAS22U19	Brent Drainage System-Durango to OHare Ave	Open	\$1,100,000.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	\$1,070,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	\$13,900,000.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Open	\$1,261,471.00
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	\$985,231.00
LAS23I17	Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$26,425,221.00
LAS24B06	Gowan North Channel - El Capitan Way to the Western Beltway	Closed	\$7,636,880.18
LAS24D06	Gowan Lone Mountain System - Branch 4	Closed	\$2,824,592.10
LAS24E07	Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)	Closed	\$1,595,874.26
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	\$820,478.00
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$8,180,517.28
LAS24L17	Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Open	\$9,630,600.00
LAS25B13	Cedar Avenue Channel Improvements	Open	\$831,489.00
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45
LAS26C13	Grand Teton - Hualapai to Tee Pee	Closed	\$401,560.15
LAS27A09	Boulder HWY Sahara Ave - Mojave Rd to Boulder HWY	Closed	\$411,967.68
LAS28B11	Oakey Drain - Cahlan to Barnard	Closed	\$5,372,969.90
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar Avenue	Open	\$110,000.00
LAS29A10	Flamingo Wash, Boulder Highway North-Main Street	Closed	\$346,572.69
LAS29B15	Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston	Open	\$1,726,003.00
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System	Open	\$2,488,829.00
LAS29D17	Flamingo-Boulder Hwy North, Charleston, Main to Maryland	Open	\$1,529,674.00
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$60,000.00

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$15,393,582.00
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<u>\$389,897,521.28</u>

**Mesquite**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01A88	Town Wash Detention Basin (Right-of-Way)	Closed	\$9,600.50
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$660,000.00
MES01C02	Town Wash Conveyance, I-15 to Virgin River	Closed	\$977,665.86
MES01E17	Town Wash-Mesa Boulevard, El Dorado to Town Wash	Open	\$539,582.75
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<u>\$4,253,132.11</u>

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Closed	\$0.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	\$304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	\$2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00

1/16/2020 - payas443

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Open	\$13,109,000.00
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,534,770.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,464,000.00
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	\$1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	\$3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	\$353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	\$2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	\$697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	\$6,382,656.86
NLV10L19	Las Vegas Wash Cartier Channel	Open	\$698,289.00
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Open	\$5,416,000.00
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	\$1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	\$4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	\$6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Closed	\$694,097.08
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
NLV19A19	Carey-Lake Mead DB Outfall Modification	Open	\$100,000.00
			<u>\$187,053,527.12</u>
	<b>Grand Total</b>		<b><u>\$1,127,069,384.26</u></b>

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Bond Funding**

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
BOU01E19	Hemenway System, Phase IIB Improvements	Open	\$4,669,036.00
BOU04D02	West Airport Facilities	Closed	\$568,602.56
BOU04E03	Valley View, Red Mountain and DD Facilities	Closed	\$76,468.23
BOU04F05	Valley View and DD Facilities	Closed	\$632,017.12
BOU05D04	Veterans Memorial Detention Basin	Closed	\$3,236,343.92
BOU05E04	Yucca Debris Basin, Collection & Outfall	Closed	\$69,028.25
BOU05F04	Bootleg Canyon Facilities	Closed	\$365,646.88
BOU05I10	Yucca Debris Basin, Collection and Outfall	Closed	\$1,189,960.47
			<u>\$11,674,103.43</u>

**Clark County**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA02F92	Rawhide Channel Improv/McLeod-Mtn Vista	Closed	\$2,678,784.24
CLA03E92	Van Buskirk Channel/ Phase III Construction	Closed	\$884,145.27
CLA03F92	Van Buskirk Channel/Phase V/Harmon-Harrison & Tropicana	Closed	\$1,318,316.18
CLA03G92	Van Buskirk Channel / Phase IV	Closed	\$949,302.79
CLA03H93	Van Buskirk Channel / Phases IIA & VI Construction	Closed	\$7,076,269.80
CLA04J03	Flamingo Wash, Algonquin Dr to Maryland Parkway	Closed	\$3,708,620.21
CLA04K03	Flamingo Wash, I-515 to Boulder Highway	Closed	\$4,358,838.58
CLA04L03	Lower Flamingo Detention Basin	Closed	\$1,078,896.68
CLA04T09	Lower Flamingo Detention Basin	Closed	\$3,387,621.44
CLA04W16	Flamingo Wash, Eastern Avenue	Open	\$1,517,000.00
CLA06B93	Range Wash Confluence DB ROW & Construction	Closed	\$9,575,705.90
CLA07C03	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$11,371,793.05
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	\$12,823,423.07
CLA08T14	Duck Creek, Las Vegas Boulevard	Open	\$7,400,000.00
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$9,485,138.68
CLA10B99	Tropicana Wash, Paradise Road to Koval Lane	Closed	\$2,087,199.75
CLA10C03	Tropicana North Branch Detention Basin	Closed	\$3,763,800.00
CLA10E09	Tropicana North Branch Detention Basin	Closed	\$950,229.12
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$5,327,982.96
CLA13C98	Lakes DB Collection System	Closed	\$17,986,141.42
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$1,598,918.50
CLA14M03	Duck Creek, Broadbent Blvd Bridge and Channel	Closed	\$2,176,640.38
CLA14N03	Duck Creek, Broadbent Blvd to Boulder Highway	Closed	\$5,832,117.22
CLA14P03	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$343,994.59
CLA14Q04	Duck Creek, Topaz Street to Eastern Avenue	Closed	\$2,119,552.08
CLA14W11	Duck Creek, Robindale to I-215	Closed	\$650,561.15
CLA15B99	Colorado Avenue Storm Drain System	Closed	\$15,259,421.39
CLA15E13	LVW-Sloan to Stewart-Flam Wash below Nellis	Open	\$84,184,000.00

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Closed	\$3,400,000.00
CLA16L09	Lower Blue Diamond Detention Basin	Closed	\$2,581,701.25
CLA16M09	Blue Diamond Wash Wigwam, UPRR to Rainbow Blvd	Closed	\$5,067,171.04
CLA16N09	Blue Diamond Wash Wigwam, UPRR to Jones Blvd	Closed	\$0.00
CLA17A98	Blue Diamond Chnl/Durango Dr - Rainbow Blvd (Beltway 7B)	Closed	\$1,021,760.73
CLA17D04	Blue Diamond Channel - Jones Branch	Closed	\$641,602.04
CLA18A98	Red Rock Channel/Russell Rd - Hualapai Way	Closed	\$1,793,162.82
CLA19D03	Red Rock Channel, Naples Branch	Closed	\$9,885,005.24
CLA26D11	Flamingo Diversion-South Buffalo Branch, Flamingo Wash to Sunset Rd	Closed	\$7,030,263.37
CLA27D13	Flamingo Diversion - Rainbow Branch	Closed	\$9,654,169.07
			<u>\$260,969,250.01</u>

**Clark County Outlying**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
IND01B04	Indian Springs Detention Basin	Closed	\$2,650,794.34
LAU01B92	Unnamed Wash, Laughlin	Closed	\$2,577,722.08
LAU02C94	Hiko Springs, Laughlin	Closed	\$1,200,000.00
LAU04B17	SR 163 at Casino Drive	Open	\$2,250,000.00
			<u>\$8,678,516.42</u>

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Bond Funding**

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Open	\$7,506,000.00
HEN06J13	Equestrian Detention Basin Expansion	Closed	\$1,025,764.52
HEN06K13	Equestrian Tributary, Phase II	Closed	\$2,147,066.76
HEN07C11	Pittman Park Peaking Basin Modification	Closed	\$0.00
HEN12D03	Pittman Wash - Burns	Closed	\$257,326.75
HEN12E05	Gibson Conveyance System	Closed	\$2,164,571.54
HEN12J16	Palm Hills Channel	Closed	\$1,880,256.03
HEN13B03	Boulder Highway Channel	Closed	\$6,534,523.99
HEN15B02	Pittman Wash Railroad Channel, Phase I (Resol. No. 02-6)	Closed	\$1,989,679.32
HEN15C04	Pittman Wash Railroad Channel, US-95 to Major Avenue	Closed	\$5,537,919.81
HEN18A03	Drake Channel	Closed	\$75,265.32
HEN19A03	Northeast Detention Basin and Levee	Closed	\$1,134,804.61
HEN20B04	C-1 Channel, US-95 Tributary 1	Closed	\$1,522,849.50
HEN23B16	Center Street Storm Drain	Closed	\$8,266,384.95
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Closed	\$925,332.15
			<b>\$74,958,624.06</b>

**Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01E13	Angel Park Detention Basin Expansion	Closed	\$4,085,640.34
LAS02E92	Buffalo Channel/Summerlin Pkwy-Vegas Dr.	Closed	\$1,911,377.65
LAS03C91	Gowan Detention Basin	Closed	\$7,184,517.75
LAS04D92	Oakey Detention Basin & Conveyance	Closed	\$6,887,121.59
LAS05E03	Oakey - Meadows Storm Drain	Closed	\$5,221,885.40
LAS05F03	Alta Parallel System	Closed	\$2,093,934.39
LAS05K15	Oakey-Meadows Storm Drain, Phase III	Closed	\$24,265,142.63
LAS09C91	Washington Ave./Sandhill Outlet	Closed	\$1,496,312.93
LAS09E93	Washington Ave. / Virgil-Lena	Closed	\$2,862,675.33
LAS09N99	Upr Wash Ave Conv Sys, Ph II: Veterans Memorial Dr - UPRR	Closed	\$6,279,449.66
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	\$36,285,968.75



**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS09T04	Freeway Channel, Charleston Lateral	Closed	\$4,336,897.56
LAS10C94	Lone Mtn. Detention Basin	Closed	\$315,482.25
LAS10I98	Gowan North Channel, Ph II/Durango Dr	Closed	\$5,455,374.03
LAS10T02	Gowan North System - Ph III: Alexander Rd to Lone Mtn Rd	Closed	\$7,539,040.96
LAS10V03	GNC - Lone Mountain Road (El Capitan Way to the Western Beltway)	Closed	\$634,984.37
LAS10W04	Lone Mountain System, Lone Mtn DB Outfall to Durango	Closed	\$2,734,160.02
LAS10X05	Ann Road Detention Basin Facilities (CAM 10 DB)	Closed	\$9,317,720.04
LAS14D14	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$11,555,343.00
LAS16D01	Ann Road, Allen Lane to Rancho Drive	Closed	\$7,069,867.82
LAS16E04	Rancho Detention Basin, Phase II	Closed	\$464,510.86
LAS16F04	Rancho Road System (El Campo Grande Storm Drain)	Closed	\$573,652.99
LAS17E03	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$456,338.90
LAS19C05	Owens Avenue System (Vegas Dr Storm Drain) - Michael Way to Rancho Drive	Closed	\$1,596,671.67
LAS21A03	Upper Las Vegas Wash Facility Study	Closed	\$243,392.60
LAS22A03	Decatur/Elkhorn/Rainbow System Predesign	Closed	\$368,594.70
LAS22M09	Las Vegas Wash - Rainbow (Elkhorn Rd to Grand Teton Dr)	Closed	\$7,696,565.04
LAS22N09	Las Vegas Wash - Decatur & Elkhorn, CC 215	Closed	\$25,788,320.03
LAS22O09	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$25,314,907.94
LAS22P09	Elkhorn Springs & Buffalo Storm Drain	Closed	\$1,567,520.54
LAS24F10	Gowan Outfall - Lone Mountain Branch (Rancho to Decatur)	Closed	\$10,109,824.95
LAS26D14	Grand Teton - Hualapai to Tee Pee	Closed	\$6,245,247.37
LAS28A10	Langtry Channel Bonanza to Washington Avenue	Closed	\$1,002,676.43
			<b>\$228,961,120.49</b>

**Mesquite**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$3,692,545.65
MES01D10	Town Wash Conveyance, I-15 to the Virgin River	Closed	\$7,366,966.99
MES02B03	Abbott Wash Conveyance System, Pioneer Blvd to the Virgin River	Closed	\$10,625,472.16
			<b>\$21,684,984.80</b>

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV01D03	Upper Las Vegas Wash	Closed	\$31,132,709.75
NLV01F09	Tropical Parkway Channel East	Closed	\$5,900,026.83
NLV01I14	Ann Road Channel East, ULVW to Fifth Street	Closed	\$5,580,349.42
NLV03D93	West Range Wash Diversion Dike	Closed	\$2,251,608.79
NLV03J19	Hollywood System, Phase II, NAFB Reach	Open	\$19,610,000.00

**Regional Flood Control District  
Capital Improvement Projects - Cumulative Reporting  
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03K19	Range Wash - Ann Branch, Phase II	Open	\$7,697,245.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
NLV09J19	Beltway Detention Basin, Collection and Outfall	Open	\$16,192,926.00
NLV09K19	Vandenberg North DB, Collection & Outfall, Phase II	Open	\$30,499,000.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			<u>\$247,543,426.97</u>
		<b>Grand Total</b>	<u><u>\$854,470,026.18</u></u>

**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>HENDERSON (Southeast Las Vegas Valley)</b>							
Galleria to Sunset		Construction	1,463,860.00				
Whitney Wash Channel Replacement Project		Construction	0.00	6,463,809.00			
Whitney Wash Channel Replacement Project, Phase II		Construction	0.00	1,747,281.00			
Pittman - Sunset, Galleria to Foster	HEN12K19	Design	565,788.00	0.00	565,788.00	12/12/2019	10
Pittman - Sunset, Galleria to Foster	HEN12K19	Right-of-Way	40,000.00	0.00	40,000.00	12/12/2019	10
Pittman Pabco - Boulder Highway Crossing	HEN25B19	Construction	1,454,530.00	0.00	1,454,530.00	9/12/2019	12b
		<b>Henderson Total</b>	<b>\$3,524,178.00</b>	<b>\$8,211,090.00</b>	<b>\$2,060,318.00</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$11,735,268.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$13,280,515.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$11,220,197.00</b>			

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Carey-Lake Mead Detention Basin Outfall Modification	NLV19A19	Pre-Design	100,000.00	0.00	100,000.00	10/10/2019	11b
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	0.00	115,613.00			
Brent Drainage System - Durango Drive to O'Hare Avenue	LAS22U19	Design	897,540.00	0.00	897,540.00	7/11/2019	13
Brent Drainage System - Durango Drive to O'Hare Avenue - 1st Supplemental	LAS22U19	Design	202,460.00	0.00	202,460.00	9/12/2019	11
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System		Construction	44,022,755.00	0.00			
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	10,499,261.00			
Gowan North - El Capitan Branch, Lone Mountain to Ann Road - 3rd Supplemental	LAS24J15	Design	35,000.00	0.00	35,000.00	1/9/2020	13b
Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd - Closeout	LAS24K17	Construction	(1,051,544.72)	0.00	(1,051,544.72)	9/12/2019	7
Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon - Closeout	LAS16O13	Construction	(70,799.71)	0.00	(70,799.71)	9/12/2019	7
Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street		Construction	0.00	27,861,914.00			
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0.00	7,582,927.00			
		<b>Las Vegas Total</b>	<b>\$44,135,410.57</b>	<b>\$46,059,715.00</b>	<b>\$112,655.57</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$90,195,125.57</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$95,216,306.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$95,103,650.43</b>			

<b>NORTH LAS VEGAS (Northern Las Vegas Valley)</b>							
Las Vegas Wash Carrier Channel	NLV10L19	Design	698,289.00	0.00	698,289.00	10/10/2019	11a
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Design	1,000,000.00	0.00	1,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Right-of-Way	2,000,000.00	0.00	2,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin and Outfall		Construction	0.00	14,259,269.00			
Vandenberg North Detention Basin & Outfall - 7th Supplemental	NLV09E11	Design	121,770.00	0.00	121,770.00	8/8/2019	14
Vandenberg North Detention Basin, Collection & Outfall - Phase II	NLV09K19	Construction	30,499,000.00	0.00	30,499,000.00	8/8/2019	15b
Beltway Detention Basin and Channel - 3rd Supplemental	NLV09H13	Design	130,000.00	0.00	130,000.00	1/9/2020	13a
Range Wash - Ann Branch, Phase II	NLV03K19	Construction	0.00	7,697,245.00	7,697,245.00	9/12/2019	13b
Hollywood System, Phase II, Nellis Air Force Base Reach - 1st Supplemental	NLV03J19	Construction	311,851.00	0.00	311,851.00	2/13/2020	
Hollywood System, Centennial Pkwy. to Speedway #2 Detention Basin		Construction	5,522,594.00	0.00			
		<b>North Las Vegas Total</b>	<b>\$40,283,504.00</b>	<b>\$21,956,514.00</b>	<b>\$42,458,155.00</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$62,240,018.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$68,696,440.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$26,238,285.00</b>			

<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)</b>							
Airport Channel - Naples Channel and Peaking Basin		Construction	26,750,000.00	0.00			
Flamingo Wash - Industrial Road to Hotel Rio Dr.		Construction	1,400,000.00	0.00			
Wagon Trail Channel - Sunset to Teco		Construction	0.00	1,399,667.00			
Flamingo Wash, Eastern Avenue - Closeout	CLA04W16	Construction	(54,590.25)	0.00	(54,590.25)	2/13/2020	
Flamingo Wash, Maryland to Palos Verde		Construction	0.00	2,971,255.00			
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.		Design	670,000.00	0.00			
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.		Construction		18,925,790.00			
Tropicana Wash at Swenson Street -4th Amended Closeout	CLA10G12	Construction	(657.94)	0.00	(657.94)	1/9/2020	7
Blue Diamond Wash - Arville to I-15 - 1st Supplemental	CLA16O19	Design	200,000.00	0.00	200,000.00	10/10/2019	10
Blue Diamond Wash - Arville to I-15		Construction	0.00	5,840,757.00			
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.		Construction	0.00	5,679,467.00			
Duck Creek Jones Boulevard		Construction	2,224,094.00	0.00			
Duck Creek, Las Vegas Boulevard - Closeout	CLA08T14	Construction	(418,522.88)	0.00	(418,522.88)	2/13/2020	
Silverado Ranch Detention Basin and Outfall Facilities		Construction	22,276,036.00	0.00			
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Duck Creek, Sunset Park		Design	2,195,544.00	0.00			

**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas) - Continued</b>							
Duck Creek Wash, Torrey Pines to Rainbow		Construction	600,000.00	0.00			
Duck Creek Haven Street		Construction	3,463,786.00	0.00			
Jess Waite Wash Diversion Dike		Construction	1,581,566.00	0.00			
Searchlight West - State Highway 164	SEA02B19	Design	500,000.00	0.00	500,000.00	10/10/2019	11c
Searchlight - West - State Hwy 164		Construction	0.00	736,504.00			
<i>Searchlight - South, Encinitas St. Storm Drain - Closeout</i>	<i>SEA03A09</i>	<i>Design</i>	<i>(106,727.58)</i>	<i>0.00</i>	<i>(106,727.58)</i>	<i>2/13/2020</i>	
<i>Muddy River Logandale Levee - Closeout</i>	<i>MOA01H15</i>	<i>Construction</i>	<i>(290,511.72)</i>	<i>0.00</i>	<i>290,511.72</i>	<i>2/13/2020</i>	
Goodsprings - Phase I		Right-of-Way	74,454.00	0.00			
Goodsprings - Phase I		Construction	919,494.00	0.00			
Hiko Detention Basin Expansion		Design	154,448.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	11,237,678.00	0.00			
<b>Clark County Total</b>			<b>\$76,876,089.63</b>	<b>\$35,553,440.00</b>	<b>\$410,013.07</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$112,429,529.63</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$131,270,653.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$130,860,639.93</b>				

<b>CITY OF MESQUITE</b>							
Town Wash - Mesa Boulevard, El Dorado to Town Wash		Construction	4,992,880.00	0.00			
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 3rd Supplemental	MES01E17	Design	79,198.00	0.00	79,198.00	7/11/2019	12
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 4th Supplemental	MES01E17	Design	43,868.75	0.00	43,868.75	11/14/2019	10
<b>City of Mesquite Total</b>			<b>\$5,115,946.75</b>	<b>\$0.00</b>	<b>\$123,066.75</b>		
<b>MESQUITE 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$5,115,946.75</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$13,379,188.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$13,256,121.25</b>				

<b>BOULDER CITY</b>							
Hemenway System, Phase IIB Improvements	BOU01E19	Construction	0.00	4,669,036.00	4,669,036.00	11/14/2019	11b
North Railroad Conveyance - Closeout	BOU05J10	Design	(20,537.78)	0.00	(20,537.78)	9/12/2019	7
North Railroad Conveyance, Phase II - Closeout	BOU05M18	Construction	(473,903.33)	0.00	(473,903.33)	9/12/2019	7
Wells Drive Levee Lining		Design	29,022.00	0.00			
<b>Boulder City Total</b>			<b>(\$465,419.11)</b>	<b>\$4,669,036.00</b>	<b>\$4,174,594.89</b>		
<b>BOULDER CITY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$4,203,616.89</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$4,761,826.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$587,231.11</b>				

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$285,919,504.84</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$238,993,581.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$3,049,014.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$49,338,803.28</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$186,605,763.72</b>

<b>LOCAL DRAINAGE (5)</b>							
Chickasaw Storm Drain	HLD06B19	Construction	1,999,964.00	0.00	1,999,964.00	7/11/2019	15
Katie Avenue Storm Drain - Closeout	CLD19A17	Construction	(42,611.62)	0.00	(42,611.62)	7/11/2019	8
			0.00	0.00			
<b>Local Drainage Total</b>			<b>\$1,957,352.38</b>	<b>\$0.00</b>	<b>\$1,957,352.38</b>		

- Notes:
- (1) Construction typically includes Construction and/or Construction Administration. Design typically includes Predesign, Design, Right-of-way, Environmental, and/or Other.
  - (2) Includes amendments to the Ten-Year Construction Program.
  - (3) Year-2/Year-3 do not include design projects. Design projects are not eligible for acceleration.
  - (4) Action is being taken in current month on projects in bold/italics.
  - (5) Local Drainage projects are not part of the Ten-Year Construction Program.

**ESTIMATED FUNDING SCHEDULE**

Month-Year	Funding Requests Received			Estimated Resources for CIP		Priority Date	Notes
	Facility Description	Project #	Amount	Resources (1)	Available (1)		
	<del>FISCAL YEAR 2019-20</del>						
Feb-20	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES			\$5,000,000	\$86,488,713		Board Approved Augmentation Item #9 01/09/20
	Searchlight - South, Encinitas St Storm Drain - Closeout	SEA03A09	-\$106,728		\$86,595,441		
	Duck Creek, Las Vegas Boulevard - Closeout	CLA08T14	-\$418,523		\$87,013,963		
	Muddy River Logandale Levee - Closeout	MOA01H15	-\$290,512		\$87,304,475		
	Flamingo Wash, Eastern Avenue - Closeout	CLA04W16	-\$55,590		\$87,360,065		
	Hollywood System, Phase II, Nellis Air Force Base Reach - 1st Supplemental	NLV03J19	\$311,851		\$87,048,214		
	No Projects Awaiting Funding						

Notes: (1) Estimated CIP resources are from the FY2019-20 Ten-Year Construction Program and may be adjusted for current economic conditions.

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
ADOPT AMENDMENTS TO THE TEN-YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.


**BACKGROUND:** In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP). Amendments to the TYCP are shown for:

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Duck Creek, Las Vegas Boulevard (construction)	CLA08T14	Item #06 Closeout	\$ 0.00	(\$418,522.88)
Searchlight – South, Encinitas St. Storm Drain (design)	SEA03A09	Item #06 Closeout	\$ 0.00	(\$106,727.58)
Muddy River Logandale Levee (construction)	MOA01H15	Item #06 Closeout	\$ 0.00	(\$290,511.72)

TAC AGENDA ITEM #05 Date: 01/30/2020	RFCD AGENDA ITEM # Date: 02/13/2020
CAC AGENDA ITEM #05 Date: 02/03/2020	

<b>Project Description</b>	<b>Project Number</b>	<b>Item No. / Action</b>	<b>Current TYCP Amount</b>	<b>Requested Amendment Amount</b>
Flamingo Wash, Eastern Avenue (construction)	CLA04W16	Item #06 Closeout	\$ 0.00	(\$ 54,590.25)
Hollywood System, Phase II, Nellis Air Force Base Reach	NLV03J19	Item #09 1st Supplemental	\$ 0.00	\$ 311,851.00

Respectfully submitted,

  
 Steven C. Parrish, P.E.  
 General Manager/Chief Engineer

TAC AGENDA ITEM #05 Date: 01/30/2020	RFCD AGENDA ITEM # Date: 02/13/2020
CAC AGENDA ITEM #05 Date: 02/03/2020	

013020 TYCP Amend-item

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS

In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP).

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#05 Date: 01/30/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#05 Date: 02/03/2020

**Recommendation:**



EXHIBIT C

CITY OF NORTH LAS VEGAS  
 10-YEAR CONSTRUCTION PROGRAM  
 Amended February 13, 2020

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024								
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22						
<b>TOTAL PLAN</b>			Annual Resources	\$899,655,079	\$253,190,812	\$42,076,140	\$46,535,208						
Unencumbered from previous year	(\$14,197,230)		Cumulative Available Resources	\$881,706,221	\$89,523,872	\$31,957,009	\$29,087,728						
<b>ENTITY RESOURCES</b>			Annual Resources	\$207,494,839	\$47,476,108	\$10,191,258	\$11,020,076	<b>Funding Requests 19/20</b>					
Unencumbered from previous year	(\$13,849,204)		Cumulative Available Resources		\$7,192,604	\$8,152,541	\$4,922,348	Board Date	Amount	Amendment?	Project No.		
<b>ENTITY TOTAL</b>				\$808,695,860	\$486,095,816	\$200,769,911	\$40,283,504	\$9,231,319	\$14,259,269		\$42,458,155		
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>				\$420,934,670	\$182,748,946	\$33,718,147	\$698,289	\$1,534,074	\$0		\$698,289		
<b>SYSTEM: LV Wash Craig</b>				\$192,994,230	\$37,822,500	\$7,209,111	\$0	\$665,382	\$0		\$0		
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>													
Design/Admin				\$1,078,870				\$665,382					
Right-of-way	LVJP 0408			\$861,340		\$7,209,111							
Construction				\$5,383,350									
<b>SYSTEM: Cheyenne Lamb Nellis</b>				\$79,673,170	\$132,842,546	\$26,510,036	\$698,289	\$888,692	\$0		\$698,289		
<b>PROJECT: Lake Road Drain to Las Vegas Wash</b>													
Design/Admin				\$1,405,850				\$888,692					
Right-of-way	LVE 0000, 0047			\$1,124,520		\$8,411,878							
Construction				\$7,028,250									
<b>PROJECT: Las Vegas Boulevard Drain</b>													
Design/Admin				\$1,302,860									
Right-of-way	LVLV 0000			\$1,042,290		\$8,532,537							
Construction				\$6,514,300									
<b>PROJECT: Las Vegas Wash Cartier Channel</b>													
Design/Admin		Design Started 19/20		\$1,163,815			\$698,289			10/10/2019	\$698,289	NO	NLV10L18
Right-of-way	LVCC 0000, 0030, 0035	NLV10L19		\$931,046		\$7,986,821							
Construction		RTC Lead		\$5,519,056									



EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 13, 2020

TOTAL PLAN	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
Annual Resources				\$899,655,079	\$263,190,812	\$42,078,140	\$45,535,208				
Cumulative Available Resources				\$881,706,221	\$69,523,672	\$31,957,009	\$29,087,728				
Annual Resources				\$293,042,389	\$106,538,019	\$11,878,071	\$12,854,563				
Cumulative Available Resources				\$293,042,389	\$29,661,930	\$8,104,687	\$12,154,180				
Unencumbered from previous year				\$35,062,395							
Entity Resources											
Entity TOTAL				\$1,532,456,175	\$652,450,607	\$292,028,769	\$76,876,089	\$33,435,314	\$8,805,070		
Funding Requests 19/20											
Unencumbered from previous year											
Entity TOTAL				\$1,532,456,175	\$652,450,607	\$292,028,769	\$76,876,089	\$33,435,314	\$8,805,070		
HYDROGRAPHIC BASIN: Tropicana/ Flamingo				\$949,729,660	\$164,668,960	\$139,121,634	\$28,764,752	\$23,656,592	\$656,691		
SYSTEM: Tropicana Flamingo Project				\$484,469,310	\$23,344,000	\$15,856,619	\$0	\$0	\$0		
PROJECT: Blue Diamond - Buffalo Branch											
Design/Admin				\$1,617,240							
Design/Admin				\$1,293,600		\$12,167,787					
Construction				\$8,066,230							
PROJECT: Flamingo - Cimarron Branch											
Design/Admin				\$530,350							
Right-of-way				\$424,280		\$3,887,782					
Construction				\$2,951,780							
SYSTEM: Lower Flamingo				\$332,587,410	\$99,169,190	\$74,180,234	\$28,094,752	\$4,370,922	\$0		
PROJECT: Wagon Trail Channel - Sunset to Taco											
Design/Admin				\$251,650				\$103,680			
Right-of-way				\$201,320		\$1,388,067					
Construction				\$1,258,240				\$1,295,987			
PROJECT: Flamingo Wash, Maryland to Pajoe Verde											
Design/Admin				\$534,210				\$220,095			
Right-of-way				\$427,360		\$2,871,256					
Construction				\$2,871,030				\$2,751,161			
PROJECT: Flamingo Wash, Eastern Avenue											
Design/Admin				\$258,380							
Right-of-way				\$206,700		(\$54,590)					
Construction				\$1,291,880							
CLOSEOUT											
PROJECT: Las Vegas Wash - Christy											
Design/Admin				\$3,303,990		\$24,889,282					
Right-of-way				\$2,643,190							
Construction				\$16,519,940							
PROJECT: Flamingo Wash Maryland - UNLV											
Design/Admin				\$870,640		\$6,914,039					
Right-of-way				\$778,510							
Construction				\$4,853,190							
PROJECT: Airport Channel - Naples Channel and Peaking Basin											
Design/Admin				\$1,114,250			\$1,750,000				
Right-of-way				\$991,390		\$26,750,000					
Construction				\$5,571,230			\$25,000,000				
PROJECT: Tropicana Wash at Swenson											
Design/Admin											
Right-of-way											
Construction											
AMEND CLOSEOUT											
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
Design/Admin				\$1,353,250		\$8,901,298					
Right-of-way				\$1,082,600							
Construction				\$6,766,280							
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
Design/Admin				\$77,760			\$100,000				
Right-of-way				\$62,210		\$1,400,000					
Construction				\$388,790			\$1,300,000				
SYSTEM: Lower LV Wash Tributaries				\$21,617,390	\$37,218,650	\$49,085,781	\$870,000	\$19,285,670	\$556,691	\$0	
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista											
Design/Admin				\$872,830					\$555,591		
Right-of-way				\$698,260		\$6,018,530					
Construction				\$4,364,110							
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy											
Design/Admin				\$3,976,080			\$870,000	\$725,790			
Right-of-way				\$3,180,860		\$19,886,780					
Construction				\$19,880,340				\$18,200,000			
PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
Design/Admin				\$582,330				\$359,660			
Right-of-way				\$465,860		\$3,888,112					
Construction				\$2,911,830							
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.											
Design/Admin				\$2,597,010		\$19,571,348					
Right-of-way				\$2,077,600							
Construction				\$12,985,020							

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 13, 2020

Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No		
				(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22						
<b>TOTAL PLAN</b>				Annual Resources	\$899,655,079	\$253,190,812	\$42,078,140	\$45,535,206				
Unencumbered from previous year (\$14,197,230)				Cumulative Available Resources	\$881,706,221	\$89,523,672	\$31,957,009	\$29,087,728				
<b>ENTITY RESOURCES</b>				Annual Resources	\$293,042,389	\$108,538,019	\$11,876,071	\$12,654,563				
Unencumbered from previous year \$35,062,395				Cumulative Available Resources	\$29,861,930	\$8,104,667	\$12,154,160					
<b>ENTITY TOTAL</b>					\$1,532,456,175	\$652,450,607	\$292,028,769	\$76,876,089	\$33,435,314	\$8,805,070	Funding Requests 19/20	
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>					\$512,286,110	\$301,091,660	\$83,848,210	\$34,040,937	\$9,042,218	\$5,679,467	(\$218,523)	
<b>SYSTEM: Blue Diamond Tributaries</b>					\$76,766,840	\$61,719,030	\$21,824,828	\$200,000	\$7,778,449	\$5,679,467	\$200,000	
<b>PROJECT: Blue Diamond Wash - Arvies to I-15</b>												
1st Supplement	Design/Admin		\$1,050,120			\$150,000	\$432,649		10/10/2019	\$150,000	YES	CLA16019
1st Supplement	Right-of-way	BDWA 0276	\$840,090	\$8,040,757		\$50,000			10/10/2019	\$50,000	YES	CLA16019
	Construction		\$5,250,590				\$5,408,106					
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>												
	Design/Admin		\$991,380					\$420,702				
	Right-of-way	DCBD 0076, 0082 & 0084	\$793,100	\$5,679,467								
	Construction		\$4,956,890					\$5,258,785				
<b>PROJECT: Blue Diamond Channel, Arvigo to Haven</b>												
	Design/Admin		\$1,343,740					\$830,431				
	Right-of-way	BOWA 0087 thru 0175	\$1,075,010	\$10,104,804				\$1,107,260				
	Construction		\$6,718,700									
<b>SYSTEM: Upper Duck Creek</b>					\$123,500,470	\$75,203,030	\$34,590,436	\$28,000,130	\$1,263,789	\$0	\$0	
<b>PROJECT: Duck Creek Jones Boulevard</b>												
	Design/Admin		\$1,347,840			\$539,176						
	Right-of-way	DCJB 0000, 0043	\$1,078,350	\$2,224,084								
	Construction		\$6,739,670			\$1,684,916						
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>												
	Design/Admin		\$2,661,730			\$1,144,692						
	Right-of-way	BD02 0128 thru 0312, 0359 and 0385	\$2,289,380	\$22,278,036								
	Construction		\$14,308,820			\$21,131,344						
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richman</b>												
	Design/Admin					\$500,000						
	Right-of-way	BD02 0334		\$3,500,000								
	Construction					\$3,000,000						
<b>PROJECT: Blue Diamond Wash Railroad</b>												
	Design/Admin		\$676,400					\$541,615				
	Right-of-way	BDW5 0026	\$701,120	\$8,580,307				\$722,154				
	Construction		\$4,382,000									
<b>SYSTEM: Lower Duck Creek</b>					\$178,428,900	\$38,736,410	\$23,787,683	\$2,186,844	\$0	\$0	\$0	
<b>PROJECT: Duck Creek, Sunset Park</b>												
	Design/Admin		\$3,659,240			\$2,195,544						
	Design/Admin	DCBP 0000, 0115	\$2,827,390	\$23,787,683								
	Construction		\$18,298,170									
<b>SYSTEM: Central Duck Creek</b>					\$136,586,900	\$124,433,390	\$3,645,263	\$3,645,263	\$0	\$0	(\$418,523)	
<b>PROJECT: Duck Creek Wash, Torrey Pines to Rainbow</b>												
	Design/Admin		\$336,610									
	Right-of-way	DCWA 1827	\$289,450	\$800,000								
	Construction		\$1,884,080			\$600,000						
<b>PROJECT: Duck Creek Las Vegas Boulevard</b>												
	Design/Admin		\$1,278,400									
	Right-of-way	DCLV 0000 thru 0059	\$1,022,720	(\$418,523)								
	CLOSEOUT		\$6,392,000			(\$418,523)			2/13/2020	(\$418,523)	YES	CLA08T14
<b>PROJECT: Duck Creek Haven Street</b>												
	Design/Admin		\$641,440			\$256,576						
	Right-of-way	DCHV 0026, 0050, 0057	\$513,150	\$3,463,786								
	Construction		\$3,207,210			\$3,207,210						

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 13, 2020

TOTAL PLAN	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
Annual Resources					\$899,655,079	\$253,190,812	\$42,076,140	\$45,535,206			
Cumulative Available Resources					\$881,706,221	\$69,523,872	\$31,957,009	\$29,067,728			
Annual Resources					\$293,042,389	\$106,538,019	\$11,878,071	\$12,854,563			
Cumulative Available Resources					\$293,042,389	\$29,861,930	\$8,104,687	\$12,154,180			
ENTITY TOTAL					\$1,532,456,175	\$652,450,607	\$292,028,769	\$76,876,089	\$33,435,314	\$8,805,070	
Unencumbered from previous year					\$35,062,395						
ENTITY RESOURCES											
Unencumbered from previous year					\$35,062,395						
Funding Requests 19/20											
Unencumbered from previous year					\$35,062,395						
HYDROGRAPHIC BASIN: Outlying Areas					\$70,441,216	\$186,769,797	\$69,069,026	\$14,070,400	\$736,604	\$2,670,013	\$102,761
SYSTEM: GoodeSprings					\$64,849	\$2,701,170	\$993,948	\$993,948	\$0	\$0	\$0
PROJECT: GoodeSprings - Phase I											
Design/Admin					GSEA 0000	Design Started 09/10	\$91,455		\$48,715		
Right-of-way					GSPA 0027 & 0029	GSP01B10	\$55,910		\$74,454		
Construction					GSRV 0019		\$653,904		\$870,779		
SYSTEM: Muddy River & Tributaries					\$25,323,000	\$118,662,000	\$46,722,856	\$10,847,166	\$0	\$2,670,013	(\$290,512)
PROJECT: Fairgrounds - Detention Basin (Whipple Street)											
Design/Admin					FGWB 0000, 0075, 0105, 0126, 0184, 0188, 0188	Design Started 10/11	\$1,197,000		\$609,852		
Right-of-way						MOA03A11	\$0				
Construction							\$8,344,000		\$10,827,826		
PROJECT: Muddy River Logandale Levee											
Design/Admin						Design Started 09/10	\$482,000				
Right-of-way					MRL 0001, 0013, 0038	MOA01F10	\$0				
Construction							\$2,851,000				
CLOSEOUT											
PROJECT: Muddy River - Cooper to Yamashita											
Design/Admin						Design Started 05/09	\$1,267,000				
Right-of-way					MRLV 0395 thru 0508	MOA01B89	\$1,141,713		\$1,027,241		
Construction							\$9,261,000		\$1,542,771		
PROJECT: Ryan Avenue to Levee											
Design/Admin						Design Started 05/09	\$1,395,000				
Right-of-way					MRLV 0188, 0240, 0268, 0276	MOA01B89	\$0				
Construction							\$9,978,000				
SYSTEM: Mount Charleston					\$304,564	\$894,337	\$1,498,459	\$0	\$0	\$0	\$0
PROJECT: Rainbow Canyon Boulevard Bridge											
Design/Admin							\$118,849				
Right-of-way					MTCH 0001		\$0				
Construction							\$775,468				
SYSTEM: Laughlin					\$33,124,938	\$58,328,851	\$16,538,122	\$184,448	\$0	\$0	\$0
PROJECT: Bridge Canyon Detention Basin											
Design/Admin							\$1,110,088				
Right-of-way					LUHS 0415, 0416, 0417		\$0				
Construction							\$8,969,201				
PROJECT: Hiko Detention Basin Expansion											
Design/Admin							\$193,302		\$154,448		
Right-of-way					LUHS 0244		\$0				
Construction							\$1,212,966				
SYSTEM: Searchlight					\$1,411,609	\$3,224,834	\$2,727,075	\$393,272	\$736,504	\$0	\$383,272
PROJECT: Searchlight - South, Encinitas St. Storm Drain											
CLOSEOUT						Design Started 09/10	\$173,461				
Design/Admin					BRBO 0000, 0010, 0021, 0030	SEA03A09	\$0				
Right-of-way							\$1,240,394				
Construction											
PROJECT: Searchlight - West - State Hwy 164											
Design/Admin						Design Started 19/20	\$94,709		\$495,000		
Right-of-way					SRWE 0001, 0005 & 0023	SEA02B19	\$0		\$38,020		
Construction							\$677,169		\$5,000		
PROJECT: Searchlight - West											
Design/Admin							\$127,721				
Right-of-way					SRWE 0049, 0088, 0091		\$0				
Construction							\$911,357		\$697,484		
SYSTEM: Bunkerville					\$10,212,354	\$2,958,606	\$1,581,566	\$1,581,566	\$0	\$0	\$0
PROJECT: Jess Waite Weeds Diversion Dike											
Design/Admin						Design Started 10/11	\$70,167		\$29,776		
Design/Admin					JEWA 0108	BUN01D11	\$0				
Construction							\$1,462,711		\$1,551,790		

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINAL ACCOUNTING REPORTS AND PROJECT CLOSEOUTS
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORTS AND CLOSE OUT THE INTERLOCAL CONTRACTS (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$870,352.43 Release in Fund 4430 and/or 4440

**BACKGROUND:**

Final accounting reports are routinely prepared for District-funded projects that have been completed. These reports represent an accurate accounting of the charges and the remaining balance for each project. Upon approval, no additional funds can be expended for the projects.

The final accounting reports have been prepared by the District and approved by the corresponding entities for the following projects:

PROJECT	NUMBER	FUND	BALANCE
Duck Creek, Las Vegas Boulevard (construction)	CLA08T14	4430.101	\$418,522.88
Searchlight – South, Encinitas St. Storm Drain (design)	SEA03A09	4430.000	\$106,727.58
Muddy River Logandale Levee (construction)	MOA01H15	4430.000	\$290,511.72
Flamingo Wash, Eastern Avenue (construction)	CLA04W16	4430.101	\$ 54,590.25
<b>Total Fund 4430 and/or 4440</b>			<b>\$870,352.43</b>

Respectfully submitted,

  
 Steven C. Parrish P.E.  
 General Manager/Chief Engineer

TAC AGENDA ITEM #06 Date: 01/30/2020	RFCD AGENDA ITEM # Date: 02/13/2020
CAC AGENDA ITEM #06 Date: 02/03/2020	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

**FINAL ACCOUNTING REPORTS AND PROJECT CLOSEOUTS**

Final accounting reports are routinely prepared for District-funded projects that have been completed. These reports represent an accurate accounting of the charges and the remaining balance for each project. Upon approval, no additional funds can be expended for the projects.

The final accounting reports have been prepared by the District and approved by the corresponding entity for the following projects:

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Muddy River Logandale Levee (construction)	MOA01H15	4430.000	\$290,511.72
Flamingo Wash, Eastern Avenue (construction)	CLA04W16	4430.101	\$ 54,590.25
<b>Total – Fund 4430 and/or 4440</b>			<b>\$870,352.43</b>

**Staff Recommendation:**

Accept the final accounting reports and close out the interlocal contracts.

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 01/30/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 02/03/2020

**Recommendation:**

**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 11/6/2019**



**Project:** CLA08T14, Duck Creek, Las Vegas Boulevard  
**Interlocal Value:** \$7,400,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$0.00	\$0.00	\$0.00	\$6,700,000.00	\$700,000.00	\$0.00	\$0.00
<b>Amount Spent by Category</b>	\$0.00	\$0.00	\$0.00	\$6,338,987.37	\$642,489.75	\$0.00	\$0.00
<b>Remaining by Category</b>	\$0.00	\$0.00	\$0.00	\$361,012.63	\$57,510.25	\$0.00	\$0.00

<b>Funding / Expenditure Summary</b>	
<b>Interlocal Agreement:</b>	<b>\$7,400,000.00</b>
<b>Minus Amount Spent:</b>	<b>\$6,981,477.12</b>
<b>Amount to be Returned for Future Use:</b>	<b>\$418,522.88</b>

**ID Miles:** DCLV0000, DCLV0004, DCLV0010, DCLV0059, DCLV0078, DCLV0097, DCLV0172, DCLV0211, DCLV0216, DCLV0221

**Concur:**

**Accepted and Approved:**

  
 \_\_\_\_\_  
 DATE 12-12-19

\_\_\_\_\_  
 DATE



# Project Audit Report

**Project:** RF.CLA08T14, Duck Creek, Las Vegas Boulevard

**Status:** Open

**11/6/2019**

**Purchase Order - none**



Vendor	Invoice #	Invoice Date	Amount	WBS	FY	Memo/Text
REGIONAL FLOOD CONTROL/TREAS	1918001016	08/14/2017	(46,387.44)	RF.CLA08T14.2-3 - CENG	2018	Manual AP - Doc 1518004940
REGIONAL FLOOD CONTROL/TREAS	1017038337	06/30/2017	46,387.44	RF.CLA08T14.2-3 - CENG	2017	Manual AP - Doc 1518004940
REGIONAL FLOOD CONTROL/TREAS	1118001452	06/30/2018	29,473.40	RF.CLA08T14.2-3 - CENG	2018	Manual AP - Doc 1519011245
REGIONAL FLOOD CONTROL/TREAS	1119000101	08/03/2018	(29,473.40)	RF.CLA08T14.2-3 - CENG	2019	Manual AP - Doc 1519011245
REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	22,277.20	RF.CLA08T14.2-3 - CENG	2018	Manual AP - Doc 1519012658
REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(22,277.20)	RF.CLA08T14.2-3 - CENG	2019	Manual AP - Doc 1519012658
PUBLIC WORKS/CC TREAS	1519122203	04/24/2019	3,661.40	RF.CLA08T14.2-3 - CENG	2019	CCPW; 1019059891
PUBLIC WORKS/CC TREAS	1519020939	08/23/2018	14,371.50	RF.CLA08T14.2-3 - CENG	2019	URS Corporation; 3119010568
PUBLIC WORKS/CC TREAS	1518017493	08/16/2017	43.82	RF.CLA08T14.2-3 - CENG	2018	ABC Imaging; 3118007551
PUBLIC WORKS/CC TREAS	1517107015	03/16/2017	2,888.60	RF.CLA08T14.2-3 - CENG	2017	URS Corp;3117082891
PUBLIC WORKS/CC TREAS	1517118685	04/13/2017	12,056.00	RF.CLA08T14.2-3 - CENG	2017	URS Corp; 3117093708
PUBLIC WORKS/CC TREAS	1517118686	04/13/2017	267.20	RF.CLA08T14.2-3 - CENG	2017	ABC Imaging; 3117093691
PUBLIC WORKS/CC TREAS	1517135191	05/22/2017	25,640.78	RF.CLA08T14.2-3 - CENG	2017	URS Corp; 3117107829
PUBLIC WORKS/CC TREAS	1517140891	06/07/2017	32,911.56	RF.CLA08T14.2-3 - CENG	2017	URS Corporation; 3117113316
PUBLIC WORKS/CC TREAS	1518004940	07/14/2017	46,387.44	RF.CLA08T14.2-3 - CENG	2018	URS;3117128685
PUBLIC WORKS/CC TREAS	1518015200	08/10/2017	31,417.32	RF.CLA08T14.2-3 - CENG	2018	URS; 3118005633
PUBLIC WORKS/CC TREAS	1518024974	09/07/2017	43,502.91	RF.CLA08T14.2-3 - CENG	2018	URS Corporation;3118014435
PUBLIC WORKS/CC TREAS	1518043503	10/23/2017	51,120.19	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118031556
PUBLIC WORKS/CC TREAS	1518055838	11/20/2017	48,306.28	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118042632
PUBLIC WORKS/CC TREAS	1518063811	12/11/2017	39,443.80	RF.CLA08T14.2-3 - CENG	2018	URS Corp; 3118049730
PUBLIC WORKS/CC TREAS	1518075903	01/11/2018	52,240.98	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118059951
PUBLIC WORKS/CC TREAS	1518086816	02/08/2018	38,797.88	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118071278
PUBLIC WORKS/CC TREAS	1518101617	03/13/2018	42,412.81	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118083276
PUBLIC WORKS/CC TREAS	1518114761	04/11/2018	61,851.46	RF.CLA08T14.2-3 - CENG	2018	URS Corp.;3118096022
PUBLIC WORKS/CC TREAS	1518127926	05/14/2018	43,417.22	RF.CLA08T14.2-3 - CENG	2018	URS Corporation; 3118107670
PUBLIC WORKS/CC TREAS	1519011245	07/25/2018	29,473.40	RF.CLA08T14.2-3 - CENG	2019	URS; 3118122807
PUBLIC WORKS/CC TREAS	1519012658	08/01/2018	22,277.20	RF.CLA08T14.2-3 - CENG	2019	URS; 3119002681
<b>WBS Total</b>			<b>\$642,489.75</b>			
REGIONAL FLOOD CONTROL/TREAS	1918001016	08/14/2017	(7,730.05)	RF.CLA08T14.3-1F - CONS	2018	Manual AP - Doc 1518004082
REGIONAL FLOOD CONTROL/TREAS	1918001016	08/14/2017	(20,688.50)	RF.CLA08T14.3-1F - CONS	2018	Manual AP - Doc 1518004941
REGIONAL FLOOD CONTROL/TREAS	1918001016	08/14/2017	(744.70)	RF.CLA08T14.3-1F - CONS	2018	Manual AP - Doc 1518003397
REGIONAL FLOOD CONTROL/TREAS	1017038337	06/30/2017	7,730.05	RF.CLA08T14.3-1F - CONS	2017	Manual AP - Doc 1518004082
REGIONAL FLOOD CONTROL/TREAS	1017038337	06/30/2017	20,688.50	RF.CLA08T14.3-1F - CONS	2017	Manual AP - Doc 1518004941
REGIONAL FLOOD CONTROL/TREAS	1017038337	06/30/2017	744.70	RF.CLA08T14.3-1F - CONS	2017	Manual AP - Doc 1518003397
REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	1,519.28	RF.CLA08T14.3-1F - CONS	2018	Manual AP - Doc 1519012961
REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	704.00	RF.CLA08T14.3-1F - CONS	2018	Manual AP - Doc 1519012686

## Project Audit Report

**Project:** RF.CLA08T14, Duck Creek, Las Vegas Boulevard

**Status:** Open

**11/6/2019**

REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(1,519.28)	RF.CLA08T14.3-1F - CONS	2019	Manual AP - Doc 1519012961
REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(704.00)	RF.CLA08T14.3-1F - CONS	2019	Manual AP - Doc 1519012686
REGIONAL FLOOD CONTROL/TREAS	1118001530	06/30/2018	(435.60)	RF.CLA08T14.3-1F - CONS	2018	AP Manual - Doc 1519019811
REGIONAL FLOOD CONTROL/TREAS	1119000255	08/27/2018	435.60	RF.CLA08T14.3-1F - CONS	2019	AP Manual - Doc 1519019811
PUBLIC WORKS/CC TREAS	1519037906	10/03/2018	1,142.57	RF.CLA08T14.3-1F - CONS	2019	Tri State Surveying; 3119026489
PUBLIC WORKS/CC TREAS	1519042014	10/12/2018	1,492.54	RF.CLA08T14.3-1F - CONS	2019	Tri State; 3119029838
PUBLIC WORKS/CC TREAS	1519134527	05/23/2019	(407.00)	RF.CLA08T14.3-1F - CONS	2019	LVP OT Reimbursement
PUBLIC WORKS/CC TREAS	1519019811	08/21/2018	(435.60)	RF.CLA08T14.3-1F - CONS	2019	OT Reimbursement; LV Blvd, St Rose-Silverado Ranch
PUBLIC WORKS/CC TREAS	1519016901	08/13/2018	4,921.69	RF.CLA08T14.3-1F - CONS	2019	Tri State Surveying; 3119006602
PUBLIC WORKS/CC TREAS	1519012961	08/03/2018	1,519.28	RF.CLA08T14.3-1F - CONS	2019	Tri State; 3119004073
PUBLIC WORKS/CC TREAS	1517108682	03/21/2017	3,819.98	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117084438
PUBLIC WORKS/CC TREAS	1517111403	03/27/2017	3,803.93	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117086863
PUBLIC WORKS/CC TREAS	1517116653	04/07/2017	619.96	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117091268
PUBLIC WORKS/CC TREAS	1517121947	04/19/2017	1,141.80	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117095610
PUBLIC WORKS/CC TREAS	1517130223	05/10/2017	260.70	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117103639
PUBLIC WORKS/CC TREAS	1517130224	05/10/2017	506.00	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117103644
PUBLIC WORKS/CC TREAS	1517130225	05/10/2017	2,083.73	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117103648
PUBLIC WORKS/CC TREAS	1517133393	05/17/2017	15,368.60	RF.CLA08T14.3-1F - CONS	2017	Las Vegas Paving; 3117106297
PUBLIC WORKS/CC TREAS	1517143341	06/13/2017	4,292.20	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117115326
PUBLIC WORKS/CC TREAS	1517143342	06/13/2017	849.20	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117115329
PUBLIC WORKS/CC TREAS	1517143343	06/13/2017	599.50	RF.CLA08T14.3-1F - CONS	2017	Tri State Surveying; 3117115332
PUBLIC WORKS/CC TREAS	1517143389	06/13/2017	120,400.86	RF.CLA08T14.3-1F - CONS	2017	Las Vegas Paving; 3117115663
PUBLIC WORKS/CC TREAS	1518003397	07/12/2017	744.70	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3117128012
PUBLIC WORKS/CC TREAS	1518004082	07/13/2017	7,730.05	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3117128119
PUBLIC WORKS/CC TREAS	1518004941	07/14/2017	20,688.50	RF.CLA08T14.3-1F - CONS	2018	Las Vegas Paving; 3117128676
PUBLIC WORKS/CC TREAS	1518014727	08/09/2017	4,413.84	RF.CLA08T14.3-1F - CONS	2018	Tri State Surveying; 3118005242
PUBLIC WORKS/CC TREAS	1518014728	08/09/2017	1,255.10	RF.CLA08T14.3-1F - CONS	2018	Tri State Surveying; 3118005247
PUBLIC WORKS/CC TREAS	1518016046	08/11/2017	256,770.80	RF.CLA08T14.3-1F - CONS	2018	Las Vegas Paving; 3118006288
PUBLIC WORKS/CC TREAS	1518024112	09/05/2017	435.60	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3118013487
PUBLIC WORKS/CC TREAS	1518025814	09/11/2017	7,222.64	RF.CLA08T14.3-1F - CONS	2018	Tri State; 3118015834
PUBLIC WORKS/CC TREAS	1518025815	09/11/2017	1,215.50	RF.CLA08T14.3-1F - CONS	2018	Tri State; 3118015860
PUBLIC WORKS/CC TREAS	1518028173	09/15/2017	1,513,052.34	RF.CLA08T14.3-1F - CONS	2018	Las Vegas Paving; 3118018002
PUBLIC WORKS/CC TREAS	1518039424	10/12/2017	759.00	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3118027718
PUBLIC WORKS/CC TREAS	1518039425	10/12/2017	5,873.45	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3118027785
PUBLIC WORKS/CC TREAS	1518040598	10/16/2017	1,811,144.00	RF.CLA08T14.3-1F - CONS	2018	Las Vegas Paving; 3118029178
PUBLIC WORKS/CC TREAS	1518061416	12/05/2017	1,636,286.01	RF.CLA08T14.3-1F - CONS	2018	Las Vegas Paving; 311804692
PUBLIC WORKS/CC TREAS	1518061451	12/05/2017	126.50	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3118047272
PUBLIC WORKS/CC TREAS	1518061452	12/05/2017	7,201.70	RF.CLA08T14.3-1F - CONS	2018	Tri-State; 3118047300
PUBLIC WORKS/CC TREAS	1518066438	12/18/2017	4,640.95	RF.CLA08T14.3-1F - CONS	2018	Tri State Surveying; 3118052223



**Project Audit Report**

**Project:** RF.CLA08T14, Duck Creek, Las Vegas Boulevard

**Status:** Open

**11/6/2019**



PUBLIC WORKS/CC TREAS	1518068925	12/21/2017	744,409.46	RF.CLA08T14.3-1F - CONS	2018 Las Vegas Paving; 3118054028
PUBLIC WORKS/CC TREAS	1518075912	01/11/2018	16,550.80	RF.CLA08T14.3-1F - CONS	2018 Las Vegas Paving; 3118060153
PUBLIC WORKS/CC TREAS	1518075917	01/11/2018	5,626.92	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118060215
PUBLIC WORKS/CC TREAS	1518075918	01/11/2018	151.80	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118060222
PUBLIC WORKS/CC TREAS	1518086815	02/08/2018	63,249.10	RF.CLA08T14.3-1F - CONS	2018 Las Vegas Paving; 3118071270
PUBLIC WORKS/CC TREAS	1518090541	02/16/2018	407.00	RF.CLA08T14.3-1F - CONS	2018 Tri-State; 3118074223
PUBLIC WORKS/CC TREAS	1518090542	02/16/2018	569.80	RF.CLA08T14.3-1F - CONS	2018 Tri-State; 311804248
PUBLIC WORKS/CC TREAS	1518090543	02/16/2018	3,451.80	RF.CLA08T14.3-1F - CONS	2018 Tri-State; 3118074363
PUBLIC WORKS/CC TREAS	1518098147	03/07/2018	19,775.80	RF.CLA08T14.3-1F - CONS	2018 Las Vegas Paving; 3118081204
PUBLIC WORKS/CC TREAS	1518104644	03/20/2018	5,729.46	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118086721
PUBLIC WORKS/CC TREAS	1518104645	03/20/2018	125.40	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118086726
PUBLIC WORKS/CC TREAS	1518115515	04/12/2018	6,169.60	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118095287
PUBLIC WORKS/CC TREAS	1518120303	04/25/2018	5,404.70	RF.CLA08T14.3-1F - CONS	2018 Las Vegas Paving; 3118100710
PUBLIC WORKS/CC TREAS	1518127940	05/14/2018	3,089.54	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118107797
PUBLIC WORKS/CC TREAS	1518144549	06/18/2018	948.18	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118121079
PUBLIC WORKS/CC TREAS	1518144550	06/18/2018	394.89	RF.CLA08T14.3-1F - CONS	2018 Tri State Surveying; 3118121106
PUBLIC WORKS/CC TREAS	1519000111	07/02/2018	20,688.50	RF.CLA08T14.3-1F - CONS	2019 Las Vegas Paving; 3118127445
PUBLIC WORKS/CC TREAS	1519012686	08/01/2018	704.00	RF.CLA08T14.3-1F - CONS	2019 Tri State; 3119003073

<b>WBS Total</b>	<b>\$6,338,987.37</b>
<b>Purchase Order Total</b>	<b>\$6,981,477.12</b>
<b>Project Expense Total</b>	<b>\$6,981,477.12</b>

**Clark County Regional Flood Control District  
Final Accounting Report  
Report Date 12/5/2019**



**Project:** SEA03A09, Searchlight - South, Encinitas St Storm Drain  
**Interlocal Value:** \$138,000.00


<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$500.00	\$0.00	\$137,000.00	\$0.00	\$0.00	\$500.00	\$0.00
<b>Amount Spent by Category</b>	\$0.00	\$0.00	\$31,272.42	\$0.00	\$0.00	\$0.00	\$0.00
<b>Remaining by Category</b>	\$500.00	\$0.00	\$105,727.58	\$0.00	\$0.00	\$500.00	\$0.00

<b><u>Funding / Expenditure Summary</u></b>	
<b>Interlocal Agreement:</b>	<b>\$138,000.00</b>
<b>Minus Amount Spent:</b>	<b>\$31,272.42</b>
<b>Amount to be Returned for Future Use:</b>	<b>\$106,727.58</b>

**ID Miles:** SRSO0000, SRSO0010, SRSO0021, SRSO0030

**Concur:**

**Accepted and Approved:**

  
 \_\_\_\_\_  
 DATE 12-11-19

\_\_\_\_\_  
 DATE

**Project Audit Report**

**Project:** RF.SEA03A09, Searchlight - South, Encinitas St Storm Drain

**Status:** Open

**12/5/2019**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	105.92	RF.SEA03A09.2-2D - DENG	2015	Manual AP - Doc 1516005201
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	12,640.00	RF.SEA03A09.2-2D - DENG	2015	Manual AP - Doc 1516009946
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(105.92)	RF.SEA03A09.2-2D - DENG	2016	Manual AP - Doc 1516005201
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(12,640.00)	RF.SEA03A09.2-2D - DENG	2016	Manual AP - Doc 1516009946
PUBLIC WORKS/CC TREAS	1516063549	12/11/2015	18,050.00	RF.SEA03A09.2-2D - DENG	2016	Aztech; 3116047640
PUBLIC WORKS/CC TREAS	1517091967	02/09/2017	86.52	RF.SEA03A09.2-2D - DENG	2017	ABC Imaging; 3117070694
PUBLIC WORKS/CC TREAS	1518072400	01/02/2018	192.48	RF.SEA03A09.2-2D - DENG	2018	ABC Imaging; 3118056171
PUBLIC WORKS/CC TREAS	1518098763	03/08/2018	197.50	RF.SEA03A09.2-2D - DENG	2018	ABC Imaging; 3118081945
PUBLIC WORKS/CC TREAS	1516005201	07/13/2015	105.92	RF.SEA03A09.2-2D - DENG	2016	ABC Imaging; 3115120559
PUBLIC WORKS/CC TREAS	1516009946	07/22/2015	12,640.00	RF.SEA03A09.2-2D - DENG	2016	Ninyo & Moore; 3115122863
<b>WBS Total</b>			<b>\$31,272.42</b>			
<b>Purchase Order Total</b>			<b>\$31,272.42</b>			
<b>Project Expense Total</b>			<b>\$31,272.42</b>			

**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 1/13/2020**



**Project:** MOA01H15, Muddy River Logandale Levee  
**Interlocal Value:** \$8,500,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Entity Costs</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$0.00	\$0.00	\$0.00	\$7,900,000.00	\$600,000.00	\$0.00	\$0.00	\$0.00
<b>Amount Spent by Category</b>	\$0.00	\$0.00	\$0.00	\$7,825,914.65	\$383,573.63	\$0.00	\$0.00	\$0.00
<b>Remaining by Category</b>	\$0.00	\$0.00	\$0.00	\$74,085.35	\$216,426.37	\$0.00	\$0.00	\$0.00

<b><u>Funding / Expenditure Summary</u></b>	
<b>Interlocal Agreement:</b>	<b>\$8,500,000.00</b>
<b>Minus Amount Spent:</b>	<b>\$8,209,488.28</b>
<b>Amount to be Returned for Future Use:</b>	<b><u><u>\$290,511.72</u></u></b>

**ID Miles:** MRL0001, MRL0013, MRL0038

**Concur:**

  
1-13-2020  
DATE

**Accepted and Approved:**

\_\_\_\_\_  
DATE

# Project Audit Report

Project: RF.MOA01H15, Muddy River Logandale Levee

Status: Open

1/13/2020

Purchase Order - none



Vendor	Invoice #	Invoice Date	Amount	WBS	FY	Memo/Text
REGIONAL FLOOD CONTROL/TREAS	1117001097	06/30/2017	13,475.00	RF.MOA01H15.2-3 - CENG	2017	Manual AP- Doc 1518024993
REGIONAL FLOOD CONTROL/TREAS	1118000285	09/21/2017	(13,475.00)	RF.MOA01H15.2-3 - CENG	2018	Manual AP- Doc 1518024993
REGIONAL FLOOD CONTROL/TREAS	1119001581	06/30/2019	6,991.45	RF.MOA01H15.2-3 - CENG	2019	AP Manual - Doc 1520001798
REGIONAL FLOOD CONTROL/TREAS	1120000126	08/05/2019	(6,991.45)	RF.MOA01H15.2-3 - CENG	2020	AP Manual - Doc 1520001798
PUBLIC WORKS/CC TREAS	1518024993	09/07/2017	13,475.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118014699
PUBLIC WORKS/CC TREAS	1518024994	09/07/2017	11,775.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118014764
PUBLIC WORKS/CC TREAS	1518024995	09/07/2017	3,660.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118014775
PUBLIC WORKS/CC TREAS	1517133982	05/18/2017	5,186.00	RF.MOA01H15.2-3 - CENG	2017	Kleinfelder; 3117106812
PUBLIC WORKS/CC TREAS	1517133983	05/18/2017	4,612.50	RF.MOA01H15.2-3 - CENG	2017	Kleinfelder; 3117106815
PUBLIC WORKS/CC TREAS	1517139851	06/06/2017	10,863.50	RF.MOA01H15.2-3 - CENG	2017	Kleinfelder; 3117112669
PUBLIC WORKS/CC TREAS	1518040596	10/16/2017	13,923.75	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118029169
PUBLIC WORKS/CC TREAS	1518063815	12/11/2017	3,838.75	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118049849
PUBLIC WORKS/CC TREAS	1518117783	04/18/2018	6,530.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097866
PUBLIC WORKS/CC TREAS	1518117784	04/18/2018	6,217.50	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097871
PUBLIC WORKS/CC TREAS	1518117785	04/18/2018	7,542.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097873
PUBLIC WORKS/CC TREAS	1518117787	04/18/2018	2,430.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097875
PUBLIC WORKS/CC TREAS	1518117788	04/18/2018	1,917.50	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097878
PUBLIC WORKS/CC TREAS	1518117789	04/18/2018	430.00	RF.MOA01H15.2-3 - CENG	2018	Kleinfelder; 3118097879
PUBLIC WORKS/CC TREAS	1518142196	06/13/2018	284,180.68	RF.MOA01H15.2-3 - CENG	2018	CCPW; 1018072914
PUBLIC WORKS/CC TREAS	1520001798	07/08/2019	6,991.45	RF.MOA01H15.2-3 - CENG	2020	CCPW; 1019072902
<b>WBS Total</b>			<b>\$383,573.63</b>			
REGIONAL FLOOD CONTROL/TREAS	1017038337	06/30/2017	1,324,123.28	RF.MOA01H15.3-1F - CONS	2017	Manual AP - Doc 1518004112
REGIONAL FLOOD CONTROL/TREAS	1918001016	08/14/2017	(1,324,123.28)	RF.MOA01H15.3-1F - CONS	2018	Manual AP - Doc 1518004112
PUBLIC WORKS/CC TREAS	1518030016	09/20/2017	922,842.21	RF.MOA01H15.3-1F - CONS	2018	Trade West; 3118019875
PUBLIC WORKS/CC TREAS	1517102891	03/08/2017	623,833.56	RF.MOA01H15.3-1F - CONS	2017	Trade West; 3117080015
PUBLIC WORKS/CC TREAS	1517115792	04/05/2017	331,449.36	RF.MOA01H15.3-1F - CONS	2017	Trade West Construction; 3117090663
PUBLIC WORKS/CC TREAS	1517127654	05/03/2017	1,080,006.80	RF.MOA01H15.3-1F - CONS	2017	Trade West; 3117100300
PUBLIC WORKS/CC TREAS	1517141632	06/08/2017	944,407.87	RF.MOA01H15.3-1F - CONS	2017	Trade West Construction; 3117114386
PUBLIC WORKS/CC TREAS	1518004112	07/13/2017	1,324,123.28	RF.MOA01H15.3-1F - CONS	2018	Trade West; 3117128331
PUBLIC WORKS/CC TREAS	1518016057	08/11/2017	582,114.34	RF.MOA01H15.3-1F - CONS	2018	Trade West Construction - 3118006412
PUBLIC WORKS/CC TREAS	1518047924	11/02/2017	417,078.36	RF.MOA01H15.3-1F - CONS	2018	Trade West Construction; 3118035378
PUBLIC WORKS/CC TREAS	1518060999	12/04/2017	336,113.76	RF.MOA01H15.3-1F - CONS	2018	Trade West; 3118046818
PUBLIC WORKS/CC TREAS	1518084406	02/01/2018	119,650.60	RF.MOA01H15.3-1F - CONS	2018	Trade West Construction; 3118067927
PUBLIC WORKS/CC TREAS	1518087908	02/12/2018	49,899.86	RF.MOA01H15.3-1F - CONS	2018	Trade West Construction; 3118072308
PUBLIC WORKS/CC TREAS	1518132562	05/23/2018	213,335.91	RF.MOA01H15.3-1F - CONS	2018	Trade West Construction; 3118112080
PUBLIC WORKS/CC TREAS	1518138224	06/05/2018	147,942.02	RF.MOA01H15.3-1F - CONS	2018	Trade West; 3118115725

**Project Audit Report**

**Project:** RF.MOA01H15, Muddy River Logandale Levee

**Status:** Open

**1/13/2020**

PUBLIC WORKS/CC TREAS	1518140702	06/11/2018	600,562.43	RF.MOA01H15.3-1F - CONS
PUBLIC WORKS/CC TREAS	1519047000	10/24/2018	132,554.29	RF.MOA01H15.3-1F - CONS

2018 Trade West;1018072658  
2019 Trade West; 3119034551

<b>WBS Total</b>	<u>\$7,825,914.65</u>
<b>Purchase Order Total</b>	<u>\$8,209,488.28</u>
<b>Project Expense Total</b>	<u>\$8,209,488.28</u>





**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 1/13/2020**



**Project:** CLA04W16, Flamingo Wash, Eastern Avenue  
**Interlocal Value:** \$1,517,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Entity Costs</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$0.00	\$0.00	\$0.00	\$1,315,000.00	\$202,000.00	\$0.00	\$0.00	\$0.00
<b>Amount Spent by Category</b>	\$0.00	\$0.00	\$0.00	\$1,260,968.35	\$201,441.40	\$0.00	\$0.00	\$0.00
<b>Remaining by Category</b>	\$0.00	\$0.00	\$0.00	\$54,031.65	\$558.60	\$0.00	\$0.00	\$0.00

<b><u>Funding / Expenditure Summary</u></b>	
<b>Interlocal Agreement:</b>	<b>\$1,517,000.00</b>
<b>Minus Amount Spent:</b>	<b>\$1,462,409.75</b>
<b>Amount to be Returned for Future Use:</b>	<b><u>\$54,590.25</u></b>

ID Miles: FLWA0472

Concur:

  
**1-15-2020**  
 DATE

Accepted and Approved:

\_\_\_\_\_  
 DATE

**Project Audit Report**

**Project:** RF.CLA04W16, Flamingo Wash, Eastern Avenue

**Status:** Open

**1/13/2020**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
REGIONAL FLOOD CONTROL/TREAS	1119001581	06/30/2019	187,167.15	RF.CLA04W16.2-3 - CENG	2019	Manual AP - Doc 15200001801
REGIONAL FLOOD CONTROL/TREAS	1120000126	08/05/2019	(187,167.15)	RF.CLA04W16.2-3 - CENG	2020	Manual AP - Doc 15200001801
PUBLIC WORKS/CC TREAS	1519054117	11/13/2018	5,065.00	RF.CLA04W16.2-3 - CENG	2019	Ninyo & Moore; 3119040725
PUBLIC WORKS/CC TREAS	1519054123	11/13/2018	5,373.00	RF.CLA04W16.2-3 - CENG	2019	Ninyo & Moore; 3119040736
PUBLIC WORKS/CC TREAS	1519076125	01/10/2019	3,836.25	RF.CLA04W16.2-3 - CENG	2019	Ninyo & Moore Geotechnical; 3119061466
PUBLIC WORKS/CC TREAS	1520001801	07/08/2019	187,167.15	RF.CLA04W16.2-3 - CENG	2020	CCPW; 1019072903
<b>WBS Total</b>			<b>\$201,441.40</b>			
REGIONAL FLOOD CONTROL/TREAS	1017000889	08/11/2016	(200.00)	RF.CLA04W16.3-1F - CONS	2017	Reclass to correct cost center NDEP; 3017019982
REGIONAL FLOOD CONTROL/TREAS	1017000889	08/11/2016	200.00	RF.CLA04W16.3-1F - CONS	2017	Reclass to correct cost center NDEP; 3017019982
REGIONAL FLOOD CONTROL/TREAS	1119001632	06/30/2019	25,448.21	RF.CLA04W16.3-1F - CONS	2019	Manual AP - Doc 1520012383
REGIONAL FLOOD CONTROL/TREAS	1120000187	08/14/2019	(25,448.21)	RF.CLA04W16.3-1F - CONS	2020	Manual AP - Doc 1520012383
PUBLIC WORKS/CC TREAS	1517015868	08/08/2016	200.00	RF.CLA04W16.3-1F - CONS	2017	NDEP; 3017019982
PUBLIC WORKS/CC TREAS	1517129622	05/09/2017	200.00	RF.CLA04W16.3-1F - CONS	2017	NV Division; 3017210420
PUBLIC WORKS/CC TREAS	1519015626	08/08/2018	121,230.00	RF.CLA04W16.3-1F - CONS	2019	Tand Inc; 3119005577
PUBLIC WORKS/CC TREAS	1519028410	09/11/2018	509,720.00	RF.CLA04W16.3-1F - CONS	2019	Tand Inc; 3119017453
PUBLIC WORKS/CC TREAS	1519040961	10/10/2018	362,453.00	RF.CLA04W16.3-1F - CONS	2019	Tand Inc.; 3119028958
PUBLIC WORKS/CC TREAS	1519053171	11/09/2018	241,717.14	RF.CLA04W16.3-1F - CONS	2019	Tand Inc.; 3119039910
PUBLIC WORKS/CC TREAS	1520012383	08/01/2019	25,448.21	RF.CLA04W16.3-1F - CONS	2020	Tand; 3120002936
<b>WBS Total</b>			<b>\$1,260,968.35</b>			
<b>Purchase Order Total</b>			<b>\$1,462,409.75</b>			
<b>Project Expense Total</b>			<b>\$1,462,409.75</b>			

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

MASTER PLAN UPDATE (MPU) FOR THE OUTLYING AREAS OF CLARK COUNTY, INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON AND SEARCHLIGHT

**PETITIONER:**

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ADOPT THE FLOOD CONTROL MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON AND SEARCHLIGHT, AND FIND THAT THE MPU IS THE MOST COST EFFECTIVE STRUCTURAL AND REGULATORY MEANS FOR CORRECTING EXISTING PROBLEMS OF FLOODING WITHIN THE AREA AND DEALING WITH THE PROBABLE EFFECTS OF FUTURE DEVELOPMENT (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.

**BACKGROUND:** In accordance with Nevada Revised Statutes (NRS), NRS 543.596, the District is required to review its Master Plans every five years. The current Master Plan for the Outlying Areas of Clark County was adopted on April 10, 2014.

In November 2018, the District contracted with Louis Berger a WSP Company, to prepare a Master Plan Update (MPU) for the Outlying Areas of Clark County including the towns of Blue Diamond, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight. During the preparation of the update, it was determined the existing flood control facilities in Primm, Nevada were not Regionally Significant and were therefore removed from the Master Plan. This study was coordinated with representatives of the District and Clark County.

TAC AGENDA ITEM #07 Date: 01/30/2020	RFCD AGENDA ITEM # Date: 02/13/2020
CAC AGENDA ITEM #07 Date: 02/03/2020	

This study updated the hydrology for the Outlying Areas of Clark County using the most current soil studies and land use information. The hydrologic models were performed using standard practices and in conformance with the District *Hydrologic Criteria and Drainage Design Manual*. Costs were estimated using the cost tool developed for the 2018 Las Vegas Valley Master Plan Update.

The 2019 MPU does not represent a significant departure from the previous MPU with regard to size and location of proposed facilities.

The updated estimated cost to complete the facilities remaining on the recommended plan for the Outlying Areas of Clark County in the 2019 MPU is approximately \$163 million. The total cost estimate presented in the previous plan was \$113 million. The total estimated costs have increased from the cost estimates provided in the 2014 MPU because of the overall increase construction costs of flood control facilities in the past five years. The following table shows the anticipated costs associated with the implementation of the master plan updated for 2019.


**Estimated Cost of Proposed Facilities (Design, Construction, Right-of-Way):**

WATERSHED	PROPOSED		
	2014	2019	Difference
Blue Diamond	\$ 1,193,634	\$ 1,801,107	\$ 607,473
Coyote Springs	\$ 42,391,236	\$ 36,585,182	(\$ 5,806,054)
Goodsprings	\$ 2,701,170	\$ 5,720,856	\$ 3,019,686
Indian Springs	\$ 3,335,149	\$ 6,566,949	\$ 3,231,800
Jean	\$ -	\$ 152,581	\$ 152,581
Laughlin	\$ 58,328,851	\$103,177,772	\$44,848,921
Mt. Charleston	\$ 894,337	\$ 1,587,384	\$ 693,047
Nelson	\$ 723,786	\$ 1,466,840	\$ 743,054
Primm*	\$ -	\$ -	\$ -
Searchlight	\$ 3,224,834	\$ 6,697,676	\$ 3,472,842
<b>Total</b>	<b>\$112,792,997</b>	<b>\$163,756,347</b>	<b>\$50,963,350</b>

\*All existing flood control facilities were removed from the Master Plan in Primm, Nevada. There are no proposed facilities in Primm, Nevada.

A copy of the Executive Summary is included in the backup.

Respectfully submitted,

  
 Steven C. Parrish, P.E.  
 General Manager/Chief Engineer

TAC AGENDA ITEM #07 Date: 01/30/2020	RFCD AGENDA ITEM # Date: 02/13/2020
CAC AGENDA ITEM #07 Date: 02/03/2020	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

MASTER PLAN UPDATE (MPU) FOR THE OUTLYING AREAS OF CLARK COUNTY, INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON AND SEARCHLIGHT

In accordance with Nevada Revised Statutes (NRS), NRS 543.596, the District is required to review its Master Plans every five years. The current Master Plan for the Outlying Areas of Clark County was adopted on April 10, 2014.

In November 2018, the District contracted with Louis Berger a WSP Company, to prepare a Master Plan Update (MPU) for the Outlying Areas of Clark County including the towns of Blue Diamond, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight. During the preparation of the update, it was determined the existing flood control facilities in Primm, Nevada were not Regionally Significant and were therefore removed from the Master Plan. This study was coordinated with representatives of the District and Clark County.

This study updated the hydrology for the Outlying Areas of Clark County using the most current soil studies and land use information. The hydrologic models were performed using standard practices and in conformance with the District *Hydrologic Criteria and Drainage Design Manual*. Costs were estimated using the cost tool developed for the 2018 Las Vegas Valley Master Plan Update.

The 2019 MPU does not represent a significant departure from the previous MPU with regard to size and location of proposed facilities.

The updated estimated cost to complete the facilities remaining on the recommended plan for the Outlying Areas of Clark County in the 2019 MPU is approximately \$163 million. The total cost estimate presented in the previous plan was \$113 million. The total estimated costs have increased from the cost estimates provided in the 2014 MPU because of the overall increase construction costs of flood control facilities in the past five years.

A copy of the Executive Summary is included in the backup.

**Staff Recommendation:**

Adopt the Master Plan Update of the Outlying Areas of Clark County, including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mountain Charleston, Nelson and Searchlight as an amendment to the Master Plan and find that the MPU is the most cost effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development. The MPU will not become effective until it is adopted by Clark County.

**Discussion by Technical Advisory Committee:**

AGENDA  
#07 Date: 01/30/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#07 Date: 02/03/2020

**Recommendation:**

013020 MPU Outlying Areas-aid



**2019 OUTLYING AREAS FLOOD CONTROL  
MASTER PLAN UPDATE  
VOLUME 1**

**Prepared for:**

**Clark County Regional Flood Control District**



**December 2019**

**Prepared by:**

**Louis Berger, a WSP Company**

**300 S. 4<sup>th</sup> Street, Suite 1200**

**Las Vegas, NV 89101**

## Executive Summary

In response to severe flooding problems in Clark County, the Nevada Legislature authorized the creation of the Clark County Regional Flood Control District (CCRFCD) in 1985. Among other activities, the CCRFCD is responsible for developing and implementing a comprehensive flood control master plan to alleviate flooding within Clark County. Starting with the original flood control master plan in 1986 that encompassed the entire county, the CCRFCD has reviewed and updated flood control master plans at least every five years in accordance with Nevada Revised Statute (NRS) 543.596. The 2019 Outlying Areas Flood Control Master Plan Update (MPU) is one of those updates. Master Plan Updates for Outlying Areas were prepared and adopted in 1991, 1999, 2003, 2009, and 2014. The purpose of the update is to add any new relevant information, to assess progress towards fulfillment of the Master Plan, to identify obstacles in completing the Plan, and to recommend changes resulting from growth and development. The 2019 MPU has been developed to satisfy these requirements.

Historically, there were ten hydrographic planning areas or watersheds to facilitate the implementation of the flood control plan:

- Blue Diamond
- Coyote Springs
- Goodsprings
- Indian Springs
- Jean
- Laughlin
- Mt. Charleston
- Nelson
- Primm\*
- Searchlight

\*All Regional Flood Control Facilities were removed from the 2019 Outlying Areas Flood Control Master Plan Update in the Primm Watershed.

Each watershed is analyzed using consistent criteria and methodology. The 2019 MPU is based on assumptions about future growth and development in outlying areas to represent the ultimate hydrologic condition and to aid in the planning of future flood control facilities. Future land use and current soil data are used in conjunction with 100-year rainfall data to develop hydrologic models to establish peak flow runoff rates and flow volumes for drainage corridors. These peak flow rates and flow volumes are then used to analyze the flood control system to identify deficiencies in the existing flood control plan. The final flood control facility plan is then recommended to mitigate these identified deficiencies.

The 2019 MPU serves as an inventory of the existing flood control systems in outlying areas and the plan for future flood control facilities. The flood control systems identified and described in this MPU may be subject to further amendments and revisions in the future as more detailed analyses are completed for facilities during pre-design, design, or other activities that may warrant modification of the flood control plan. The hydrologic analyses developed with the 2019 MPU are intended to aid in the planning of the flood control system in the outlying areas. Therefore, more detailed hydrologic analyses should be completed during the design phase of flood control facilities.



Values of the existing inventory of flood control systems and proposed systems in each outlying area watershed are tabulated herein. Cost estimates were developed using the 2018 Las Vegas Valley Master Plan Update Cost Tool.

Existing Facilities (Estimated Value)

Watershed	2014 MPU	2019 MPU	Difference
Blue Diamond	\$ 504,067	\$ 722,549	\$ 218,482
Coyote Springs	\$ 1,975,156	\$ 23,771,947	\$ 21,796,791
Goodsprings	\$ 70,820	\$ 144,121	\$ 73,301
Indian Springs	\$ 2,692,237	\$ 3,365,785	\$ 673,548
Jean	\$ 334,889	\$ 40,982	\$ (293,907)
Laughlin	\$ 33,124,938	\$ 45,336,505	\$ 12,211,567
Mt. Charleston	\$ 304,564	\$ 24,198	\$ (280,366)
Nelson	\$ -	\$ -	\$ -
Primm	\$ 1,122,687*	\$ -	\$ (1,122,687)
Searchlight	\$ 1,411,509	\$ 3,608,566	\$ 2,197,057
<b>Total</b>	<b>\$ 41,540,867</b>	<b>\$ 77,014,653</b>	<b>\$ 35,473,786</b>

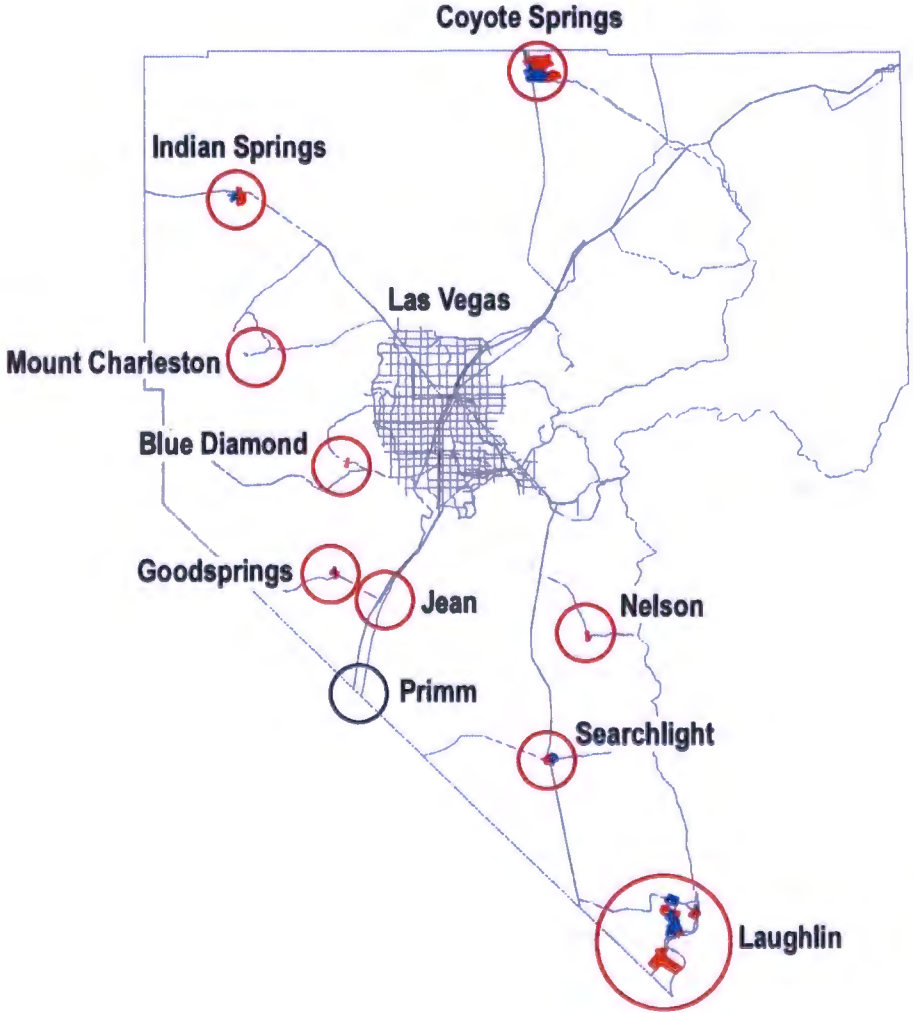
\*Designed, constructed and maintained by private development

Proposed Facilities: Total Estimated Costs (Design, Construction, Right-of Way)

Watershed	2014 MPU	2019 MPU	Difference
Blue Diamond	\$ 1,193,634	\$ 1,801,107	\$ 607,473
Coyote Springs	\$ 42,391,236	\$ 36,585,182	\$ (5,806,054)
Goodsprings	\$ 2,701,170	\$ 5,720,856	\$ 3,019,686
Indian Springs	\$ 3,335,149	\$ 6,566,949	\$ 3,231,800
Jean	\$ -	\$ 152,581	\$ 152,581
Laughlin	\$ 58,328,851	\$ 103,177,772	\$ 44,848,921
Mt. Charleston	\$ 894,337	\$ 1,587,384	\$ 693,047
Nelson	\$ 723,786	\$ 1,466,840	\$ 743,054
Primm	\$ -	\$ -	\$ -
Searchlight	\$ 3,224,834	\$ 6,697,676	\$ 3,472,842
<b>Total</b>	<b>\$ 112,792,997</b>	<b>\$ 163,756,347</b>	<b>\$ 50,963,350</b>

The 2019 Outlying Areas Master Plan Update is presented in two volumes. Volume I contains the report text describing methodologies, technical procedures, and results. Volume II presents the appendices containing supporting documentation for the analyses performed.

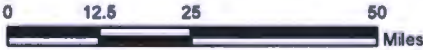
# 2019 OUTLYING AREAS MASTER PLAN UPDATE LOCATION MAP



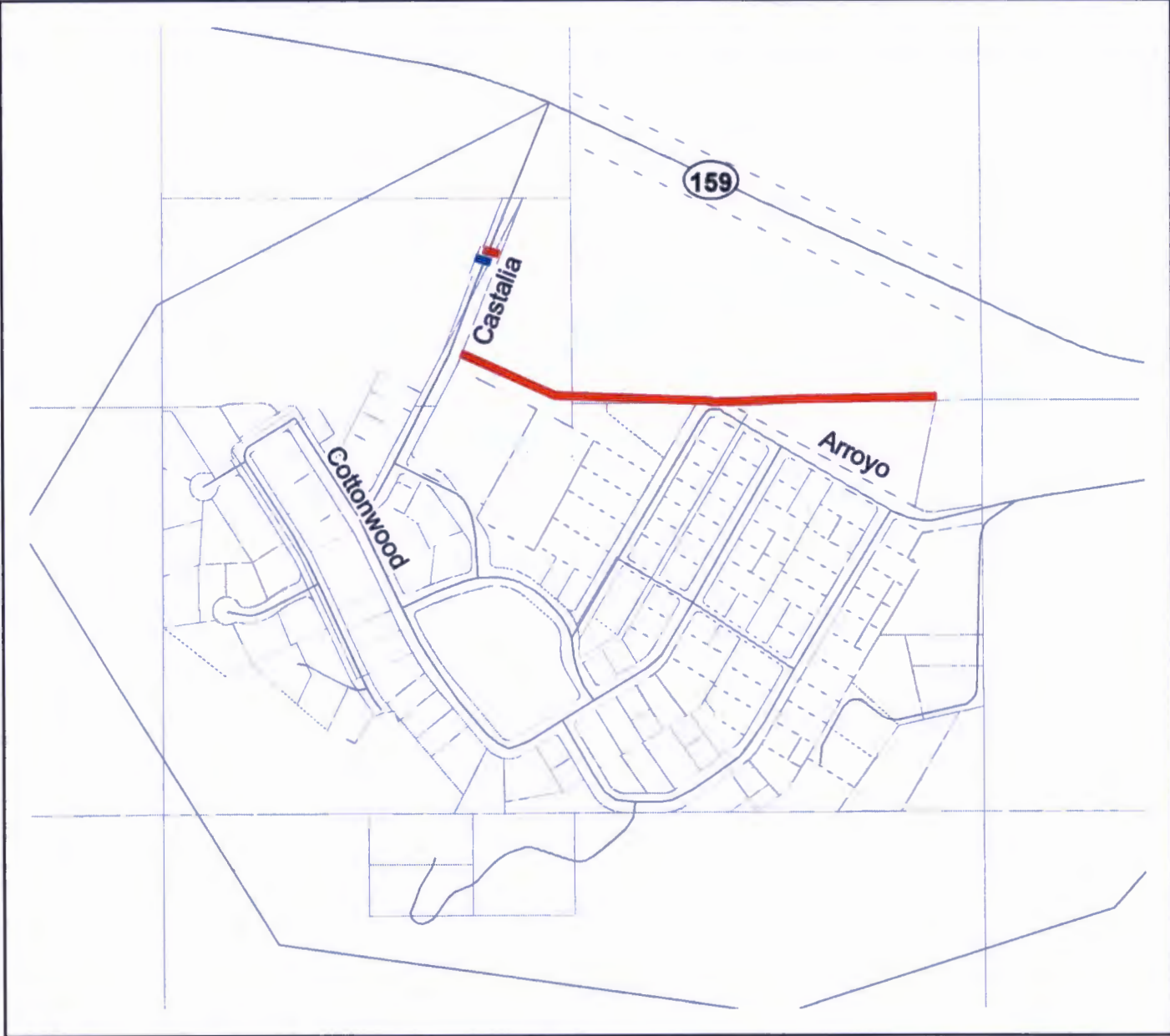
Clark County, Nevada



1 inch = 25 miles



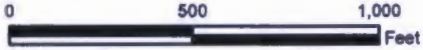
# 2019 OUTLYING AREAS MASTER PLAN UPDATE BLUE DIAMOND PLANNING AREA



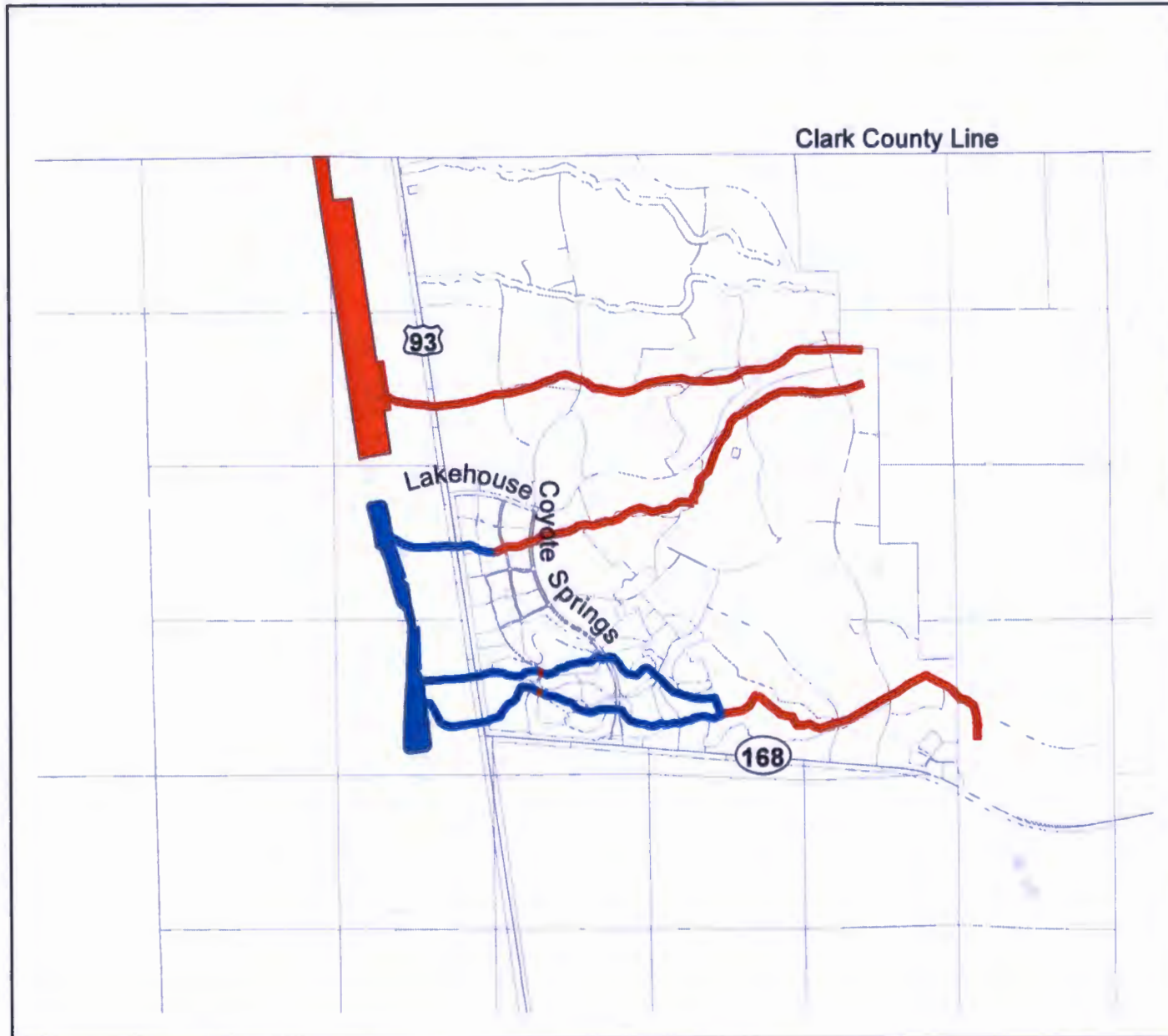
**LEGEND**  
MPU STATUS  
Existing  
Proposed



1 inch = 500 feet



# 2019 OUTLYING AREAS MASTER PLAN UPDATE COYOTE SPRINGS PLANNING AREA



**LEGEND**

**MPU STATUS**

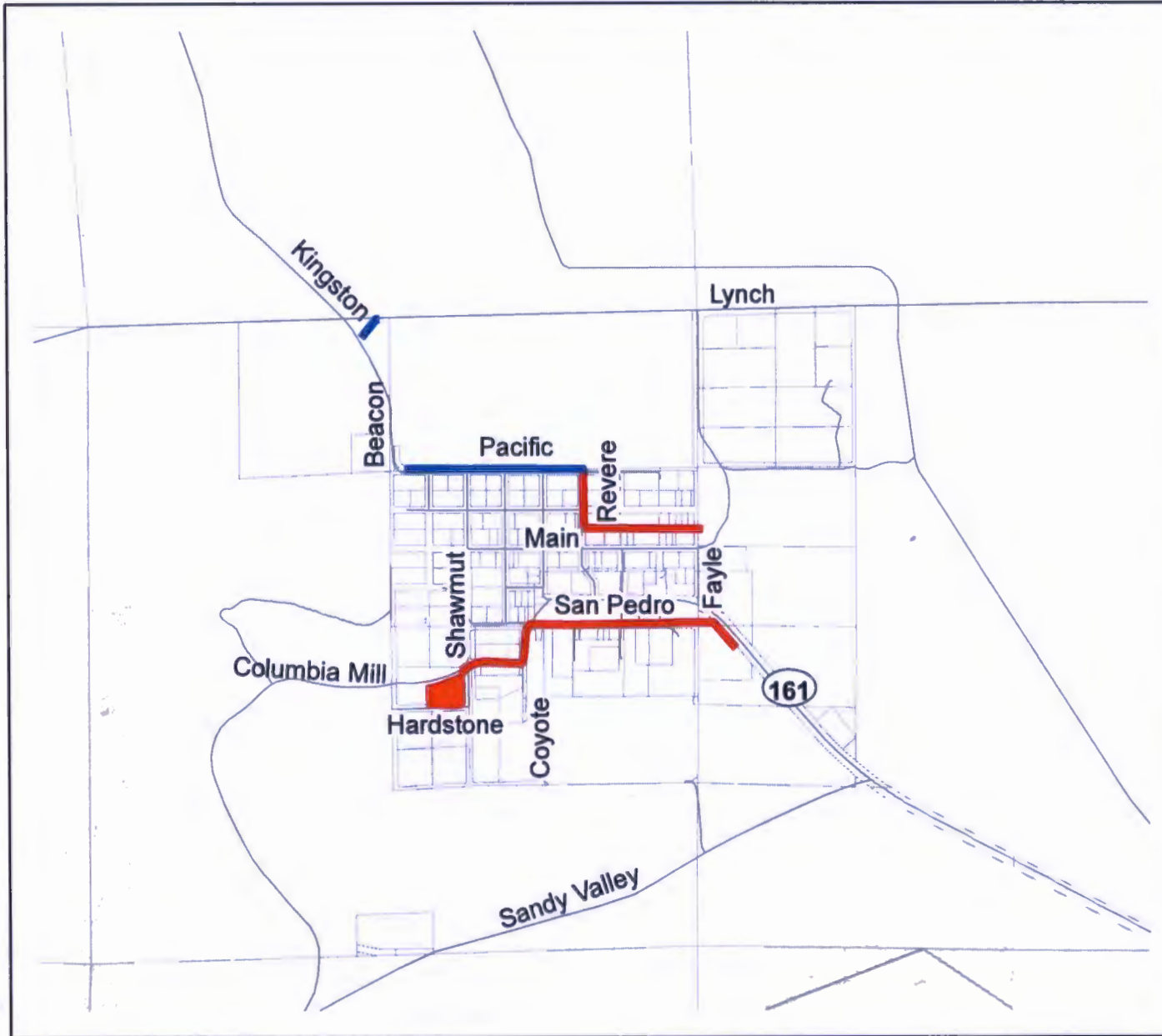
- Existing (blue line)
- Proposed (red line)

1 inch = 1 mile

0 0.5 1 2 Miles

**REGIONAL FLOOD CONTROL DISTRICT**

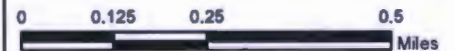
# 2019 OUTLYING AREAS MASTER PLAN UPDATE GOODSPRINGS PLANNING AREA



**LEGEND**  
MPU STATUS  
Existing  
Proposed



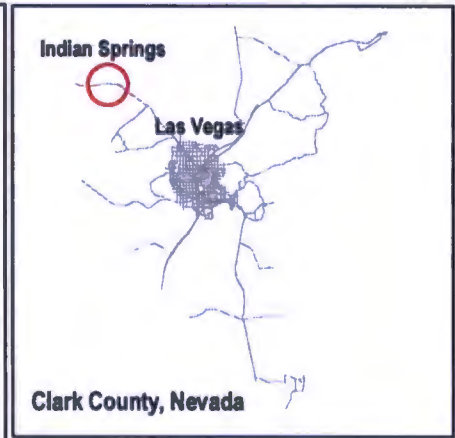
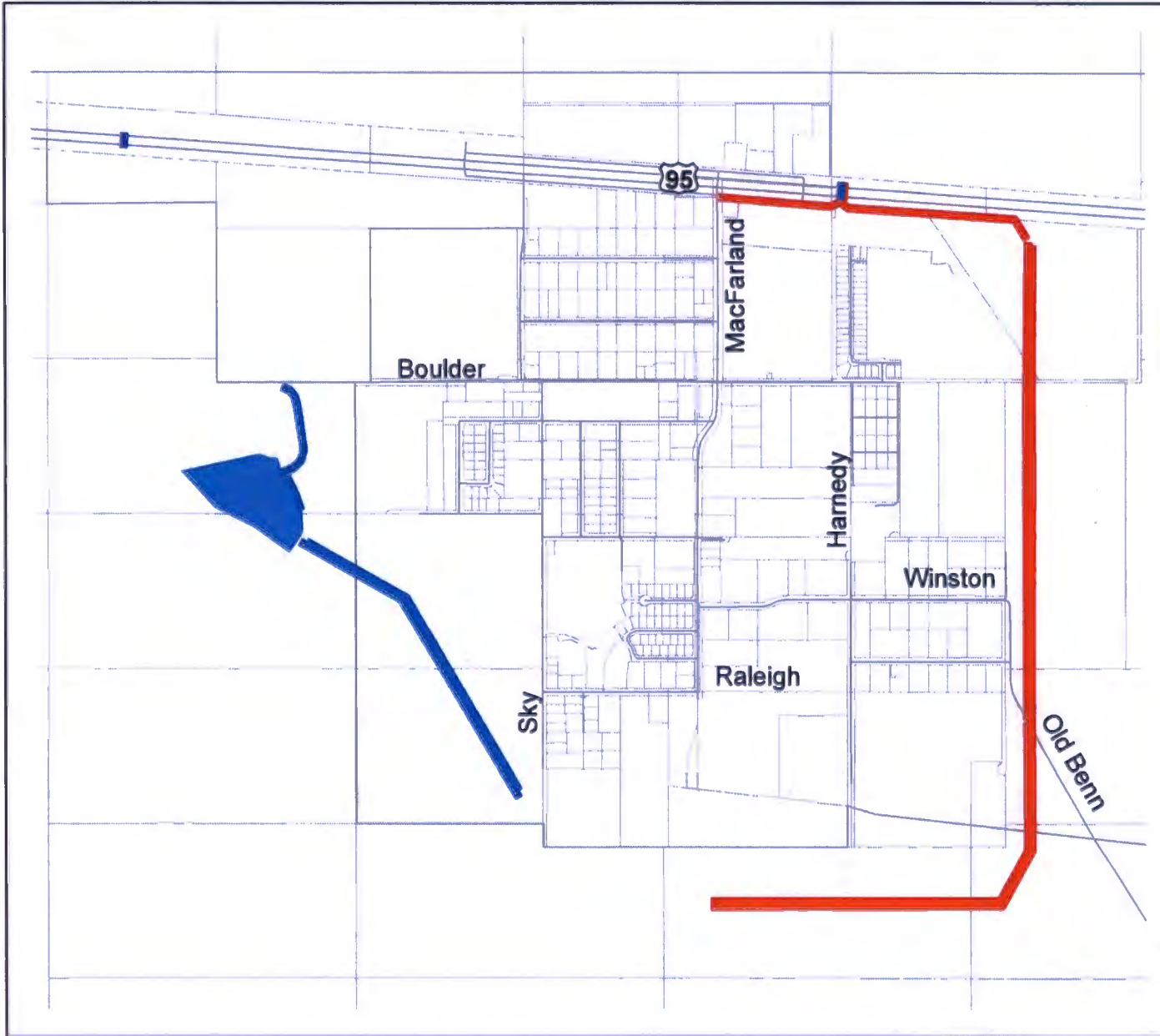
1 inch = 0.25 miles



REGIONAL FLOOD  
CONTROL DISTRICT



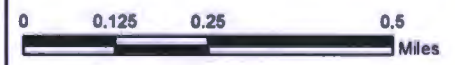
# 2019 OUTLYING AREAS MASTER PLAN UPDATE INDIAN SPRINGS PLANNING AREA



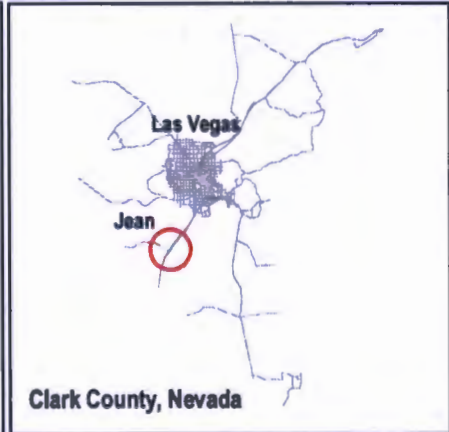
**LEGEND**  
MPU STATUS  
Existing  
Proposed



1 inch = 0.25 miles



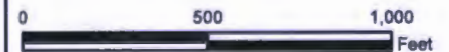
# 2019 OUTLYING AREAS MASTER PLAN UPDATE JEAN PLANNING AREA



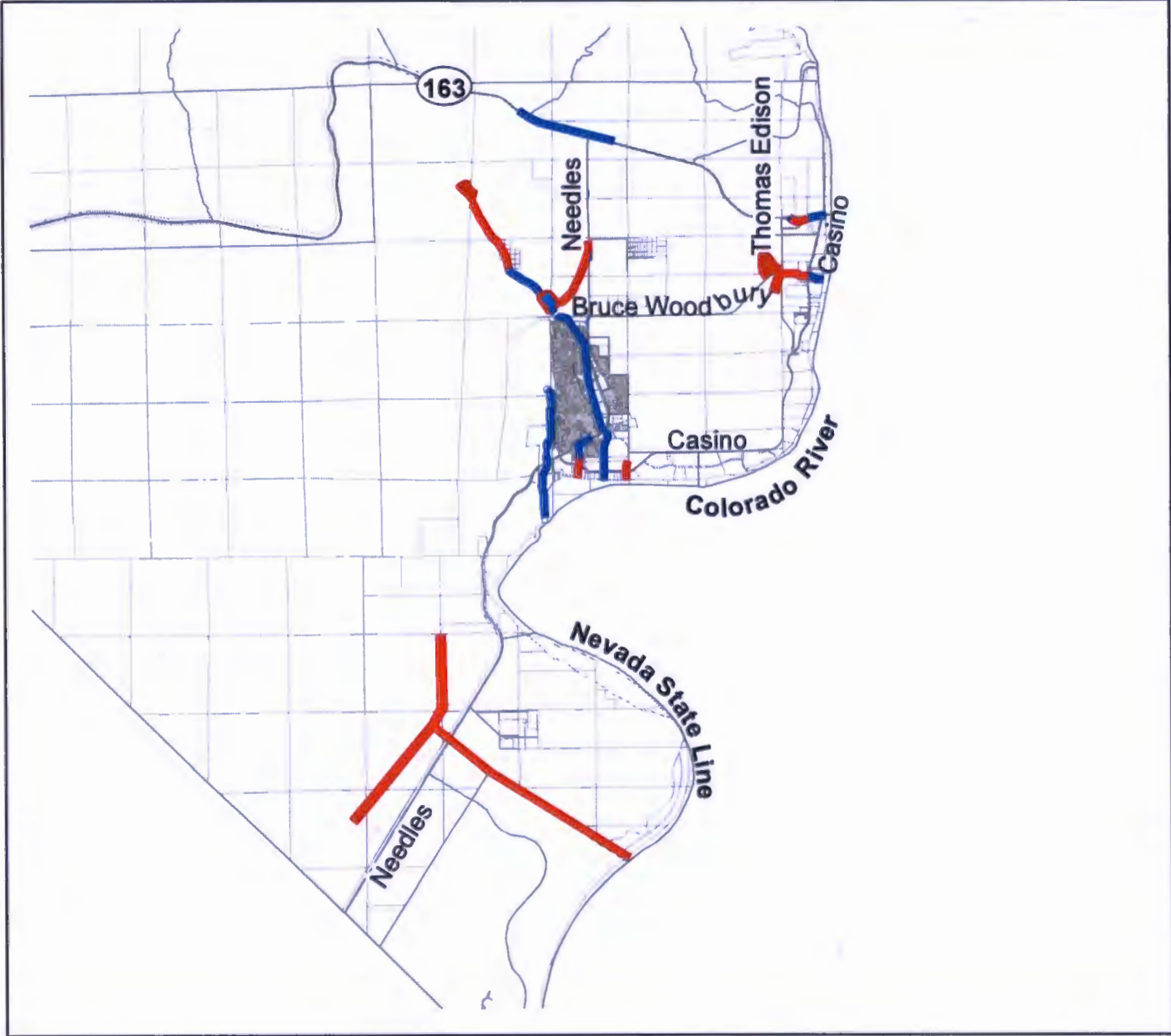
**LEGEND**  
**MPU STATUS**  
Existing  
Proposed



1 inch = 500 feet



# 2019 OUTLYING AREAS MASTER PLAN UPDATE LAUGHLIN PLANNING AREA





# 2019 OUTLYING AREAS MASTER PLAN UPDATE MOUNT CHARLESTON PLANNING AREA



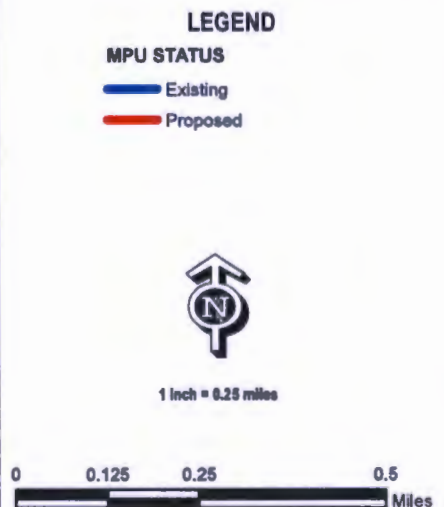
**LEGEND**  
MPU STATUS  
Existing  
Proposed



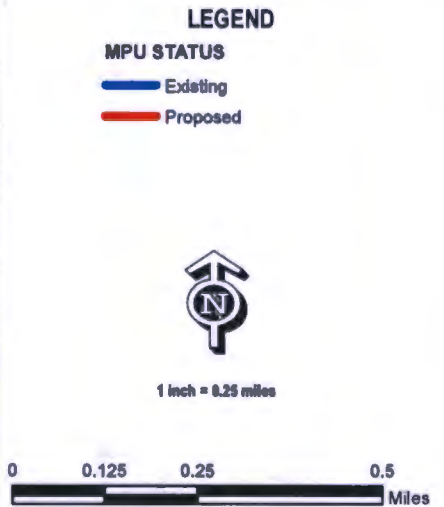
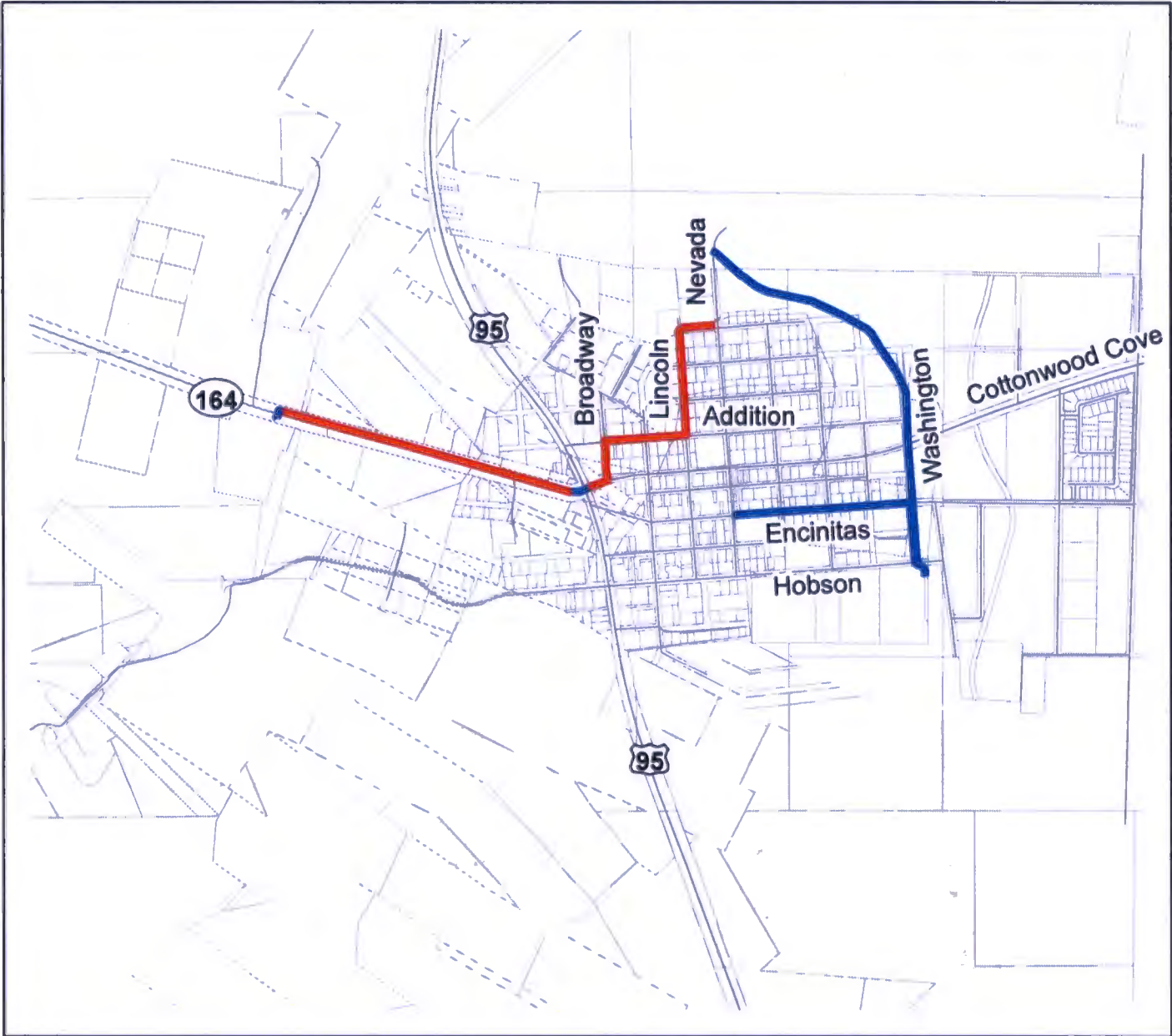
1 inch = 500 feet



# 2019 OUTLYING AREAS MASTER PLAN UPDATE NELSON PLANNING AREA



# 2019 OUTLYING AREAS MASTER PLAN UPDATE SEARCHLIGHT PLANNING AREA



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

<b>SUBJECT:</b>
WAGON TRAIL CHANNEL, SUNSET ROAD TO TECO AVENUE
<b>PETITIONER:</b>
DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b>
THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE A REQUEST TO REALLOCATE FUNDING WITHIN THE INTERLOCAL CONTRACT FOR DESIGN FOR WAGON TRAIL CHANNEL, SUNSET ROAD TO TECO AVENUE CLA10I19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>		<u>REVISED</u>	<u>FISCAL IMPACT</u>
Design Engineering	\$ 130,200.00	\$	253,800.00	\$ 123,600.00
Right-of-Way	\$ 173,600.00	\$	50,000.00	(\$ 123,600.00)
Environmental Mitigation	\$ 15,000.00	\$	15,000.00	\$ 0.00
<b>Total ILC Value</b>	<b>\$ 318,800.00</b>	<b>\$</b>	<b>318,800.00</b>	<b>\$ 0.00</b>

**BACKGROUND:**

On April 11, 2019, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way, and environmental mitigation, for the subject project. The County now requests a reallocation of funding to increase design engineering and reduce right-of-way, due to the design engineering fees being higher than originally anticipated.

Respectfully submitted,

<b>TAC AGENDA ITEM # 08 Date: 01/30/2020</b>	<b>RFCD AGENDA ITEM # Date: 02/13/2020</b>
<b>CAC AGENDA ITEM # 08 Date: 02/03/2020</b>	

  
**DENIS CEDERBURG**  
 Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

**WAGON TRAIL CHANNEL, SUNSET ROAD TO TECO AVENUE  
REALLOCATION OF FUNDING – CLA10I19**

Clark County has submitted a request to reallocate funding within the interlocal contract for design engineering, right-of-way and environmental mitigation dated April 11, 2019 for the Wagon Trail Channel, Sunset Road to Teco Avenue project.

The County is requesting a reallocation of funding due to the design engineering fees being higher than originally anticipated. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$130,200.00	\$ 123,600.00	\$253,800.00
Right-of-Way	\$173,600.00	(\$123,600.00)	\$ 50,000.00
Environmental	\$ 15,000.00	\$ 0.00	\$ 15,000.00
<b>Total ILC Value</b>	<b>\$318,800.00</b>	<b>\$ 0.00</b>	<b>\$318,800.00</b>

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#08 Date: 01/30/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#08 Date: 02/03/2020

**Recommendation:**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM**

<b>SUBJECT:</b>  HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH
<b>PETITIONER:</b> DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT BOARD APPROVE THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO INCREASE FUNDING FOR HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH – NLV03J19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$ 1,110,000	\$211,851	\$ 1,321,851
Entity Construction Management Labor Costs	\$ 0	\$100,000	\$ 100,000
Construction	\$18,500,000	\$ 0	\$ 18,500,000
<b>Total ILC Value</b>	<b>\$19,610,000</b>	<b>\$311,851</b>	<b>\$ 19,921,851</b>

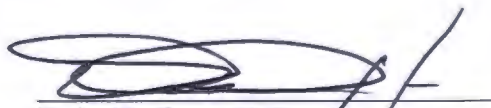
**BACKGROUND:**

The District entered into an interlocal contract with the City of North Las Vegas on May 23, 2019.

This First Supplemental Interlocal Contract will increase funding to cover negotiated costs for consultant fees and in-house labor costs.

Respectfully submitted,

<b>TAC AGENDA ITEM # 09 Date: 01/30/2020</b>	<b>RFCD AGENDA ITEM # Date: 02/13/2020</b>
<b>CAC AGENDA ITEM # 09 Date: 02/03/2020</b>	

  
 \_\_\_\_\_  
 Dale Daffern, P.E.  
 Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

**HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – NLV03J19**

The City of North Las Vegas has submitted a request to approve a first supplemental interlocal contract for construction and construction management to increase funding in the amount of \$311,851 and add a line item for entity construction management labor costs for the Hollywood System, Phase II, Nellis Air Force Base Reach project.

The increase in funding is to cover negotiated costs for consultant fees and eligible in-house labor costs. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$18,500,000	\$ 0	\$18,500,000
Construction Management	\$ 1,110,000	\$211,851	\$ 1,321,851
Entity Construction Labor Costs	\$ 0	\$100,000	\$ 100,000
<b>Total ILC Value</b>	<b>\$19,610,000</b>	<b>\$311,851</b>	<b>\$19,921,851</b>

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

**Discussion by Technical Advisory Committee:**

AGENDA  
#09 Date: 01/30/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09 Date: 02/03/2020

**Recommendation:**

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT  
HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE REACH**

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas, hereinafter referred to as "CITY".

**W I T N E S S E T H**

**WHEREAS**, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Flood Control Master Plan Update, to include Structure Nos. RWHW 0000, 0007, 0009, 0038, 0080, 0110, 0136, and 0173, hereinafter referred to as "Project"; and

**WHEREAS**, the Project is identified and shown on the attached Exhibit "A"; and

**WHEREAS**, the Project has been approved by the DISTRICT on its Ten Year Construction Program; and

**WHEREAS**, the Project has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

**WHEREAS**, an Interlocal Contract was entered into on May 23, 2019 between the DISTRICT and the CITY; and

**WHEREAS**, it is desired to supplement the aforementioned contract to increase funding.

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

**SECTION II - PROJECT COSTS, shall be revised to read as follows:**

The DISTRICT agrees to fund project costs within the limits specified below:

1. Construction in an amount not to exceed \$18,500,000.
2. Construction Management in an amount not to exceed \$1,321,851
3. The entity labor costs shall not exceed \$100,000.



4. The total cost of this Interlocal Contract shall not exceed \$19,921,851, which includes all the items described in paragraphs above.
  
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the Project. No other approval by the Lead Entity is required.
  
6. A written request must be made to the DISTRICT and a supplemental interlocal contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

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**IN WITNESS WHEREOF**, this First Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
BY: \_\_\_\_\_  
LAWRENCE L. BROWN, III  
Chair

ATTEST:

\_\_\_\_\_  
DEANNA HUGHES  
Secretary to the Board

Approved as to Form:

BY: \_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

Date of Council Action: CITY OF NORTH LAS VEGAS




\_\_\_\_\_  
BY: \_\_\_\_\_  
JOHN J. LEE  
Mayor

ATTEST:

\_\_\_\_\_  
CATHERINE A. RAYNOR, MMC  
City Clerk



**LEGEND**

-  PROPOSED FACILITY
-  EXISTING FACILITY
-  FUTURE FACILITY

**EXHIBIT 'A'**



CITY OF  
NORTH LAS VEGAS  
*More Community of Value*

**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

**HOLLYWOOD SYSTEM, PHASE II  
NELLIS AIR FORCE BASE REACH  
NLV03J19**

SCALE:	N.T.S.
DRAWING NAME:	103758-VIC.dwg
DRAWN BY:	T. Cochran
DATE:	JANUARY 21 2020
SHEET NUMBER	1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**  
2020 FLOOD SAFETY ADVERTISING CONTRACT  
SECOND OF FOUR RENEWAL OPTIONS

**PETITIONER:**

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

**RECOMMENDATION OF PETITIONER:**  
THAT THE BOARD APPROVE THE SECOND OF FOUR RENEWAL OPTIONS FOR THE PROFESSIONAL SERVICES CONTRACT WITH ROBERTSON PARTNERS FOR THE 2020 FLOOD SAFETY ADVERTISING CAMPAIGN; OR TAKE ACTION AS DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

\$995,000

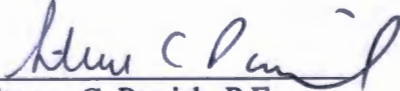
**BACKGROUND:**

Robertson Partners was the sole qualified respondent to the District's Request for Proposals (RFP) for Flood Safety Advertising Services. The firm most recently served as the District's advertising consultant, successfully winning an RFP in 2017. The 2018 Flood Safety Advertising Services Contract had four one-year renewal options, if the option is exercised prior the expiration of the contract. Staff wishes to exercise the second of the four renewal options for the period covered February 13, 2020 through February 10, 2021.

The professional services contract with Robertson Partners and the scope of work for the 2020 campaign is included in the backup and will be presented at the meeting.

The District Attorney has reviewed the contract. The FY 2019/2020 budget includes sufficient funding for flood safety advertising services.

CAC AGENDA ITEM #10 Date: 02/03/2020	RFC D AGENDA ITEM # Date: 02/13/2020
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Steven C. Parrish, P.E.  
General Manager/Chief Engineer

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

**2020 FLOOD SAFETY ADVERTISING CONTRACT  
SECOND OF FOUR RENEWAL OPTIONS**

Robertson Partners was the sole qualified respondent to the District's Request for Proposals (RFP) for Flood Safety Advertising Services. The firm most recently served as the District's advertising consultant, successfully winning an RFP in 2017. The 2018 Flood Safety Advertising Services Contract had four one-year renewal options, if the option is exercised prior the expiration of the contract. Staff wishes to exercise the second of the four renewal options for the period covered February 13, 2020 through February 10, 2021.

The professional services contract with Robertson Partners and the scope of work for the 2020 campaign is included in the backup and will be presented at the meeting.

The District Attorney has reviewed the contract. The FY 2019/2020 budget includes sufficient funding for flood safety advertising services.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
# Date:

The Technical Advisory Committee did not hear this item.

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10 Date: 02/03/2020

**Recommendation:**

## 2020 FLOOD SAFETY ADVERTISING SERVICES CONTRACT

THIS CONTRACT is made and entered into as of the 13<sup>th</sup> day of February, 2020 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT"; and Robertson Partners, a business legally authorized to do business in the State of Nevada and Clark County, hereinafter referred to as "CONSULTANT."

### WITNESSETH

**WHEREAS**, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT desires to protect citizens of Clark County and prevent loss of life and property during flood events in Clark County; and

**WHEREAS**, Nevada Revised Statutes Section 543.510, Paragraph 2, authorizes the DISTRICT's Chief Engineer and General Manager to hire and retain agents and other persons necessary or desirable to effect the purposes of the DISTRICT; and

**WHEREAS**, a flood safety program is an important tool to protect lives and property from flooding, and

**WHEREAS**, pursuant to SECTION VI – MISCELLANEOUS PROVISIONS, paragraph K of the original CONTRACT, the DISTRICT wishes to exercise the second renewal option for the period covered February 13, 2020 through February 10, 2021.

**NOW, THEREFORE**, the DISTRICT and CONSULTANT agree to the following:

### SECTION I – RESPONSIBILITY OF CONSULTANT

- A. CONSULTANT shall be responsible for the professional quality, clerical accuracy, timely completion, and coordination of all services furnished by CONSULTANT, its subcontractors, sub-consultants, agents, and employees under this CONTRACT. In performing the specified services, CONSULTANT shall follow practices consistent with generally accepted professional and ethical standards.
- B. All work products are to be completed in conformance with all pertinent and current federal, state, and local statutes, codes, ordinances, resolutions, and any other applicable regulation at the time the work is performed.
- C. Any and all documents, art work, rights to art work, and other products prepared and/or submitted by CONSULTANT to the DISTRICT, and all information required of CONSULTANT by the CONTRACT, become the property of the DISTRICT. CONSULTANT may retain copies and reproducible copies of all documents produced as

a result of the work. In the event of the termination of the CONTRACT, all documents produced shall be and become the property of the DISTRICT. CONSULTANT agrees to surrender all such documents to the DISTRICT in a timely manner at the request of the DISTRICT.

- D. CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this CONTRACT and shall schedule meetings with DISTRICT employees at such reasonable times and with advance notice as to not conflict with other responsibilities.
- E. CONSULTANT agrees that it shall not enter collateral, artwork, or other products developed under this contract in any contest, award program, or the like without the written authorization of the DISTRICT.
- F. CONSULTANT agrees to obtain DISTRICT approval on all advertising materials prior to release. All materials are to be carefully inspected by the CONSULTANT for accuracy prior to presentation to DISTRICT for approval. DISTRICT review of material may be conceptual in nature and does not release the CONSULTANT from responsibility for accuracy of spelling, grammar, design, print checks, and other tasks which would reasonably be expected of a firm providing such advertising services.
- G. DISTRICT currently has a logo which needs to be utilized. No modifications to the logo will be allowed or accepted, except with prior written permission of the DISTRICT's General Manager.
- H. CONSULTANT shall perform the Basic Services as identified in Section III - SCOPE OF SERVICES (EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES).

## **SECTION II – DISTRICT'S RESPONSIBILITIES**

- A. Officers and employees of the DISTRICT shall cooperate with CONSULTANT in the performance of services under this CONTRACT and will be available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with other responsibilities.
- B. The services performed by CONSULTANT under this CONTRACT shall be subject to review and approval by the DISTRICT's General Manager. The General Manager may delegate any or all of the DISTRICT's responsibilities under this CONTRACT to appropriate staff members, and shall so inform CONSULTANT before the effective date of such delegation. It is understood that the DISTRICT's review does not relieve CONSULTANT from the responsibility for the professional and clerical accuracy of all work delivered under this CONTRACT.

- C. All information, data, reports, records, and maps as are existing, available, and in the DISTRICT's custody, and which are necessary to carry out the work shall be furnished to the CONSULTANT. The DISTRICT shall cooperate with CONSULTANT in every reasonable way during all phases of the SCOPE OF SERVICES in this CONTRACT.

### **SECTION III – SCOPE OF SERVICES**

CONSULTANT will develop and implement an advertising campaign program in order to promote flood safety to the residents of Clark County. The advertising services to be provided by CONSULTANT shall consist of the work described in EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES and shall be performed in compliance with the schedule shown on EXHIBIT 2 – SCHEDULE OF TASK COMPLETION. All services shall be completed by February 10, 2021.

### **SECTION IV – COMPENSATION AND TERMS OF PAYMENT**

- A. The DISTRICT agrees to pay CONSULTANT for services performed under the EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES tasks and on a "Time and Materials" basis in accordance with EXHIBIT 2 – SCHEDULE OF TASK COMPLETION. The maximum cost to the DISTRICT for all services under this CONTRACT shall not exceed Nine Hundred Ninety-Five Thousand Dollars (\$995,000), unless the DISTRICT receives a written request with justification and the DISTRICT approves in writing in advance of the services being provided for a change in scope and an increase in compensation. If a change is approved, a supplemental to this CONTRACT will be executed by both parties.
- B. The DISTRICT has allowed a maximum budget (Exhibit 3 – BUDGET SUMMARY) for each task contained in EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES, as outlined below. The maximum budget amount for each task shall include any and all services associated with each particular task. CONSULTANT agrees not to exceed the budget amount for each task unless the DISTRICT's General Manager receives a written request with justification and the DISTRICT's General Manager approves in writing, in advance of the services being provided, a change in scope and an increase in compensation. Funds allocated for each task as set forth below must not be used for any other task unless approved in writing by the DISTRICT's General Manager. The total cost of all tasks in the CONTRACT shall not exceed \$995,000, except as provided in Section IV-A of this CONTRACT.



**EXHIBIT 3  
BUDGET SUMMARY**

ITEM	COST	% OF BUDGET
<b>I. Flood Safety Services</b>		
A. Digital	\$ 297,500	30%
B. Experiential	\$ 100,000	10%
C. Out-of-Home	\$ 218,850	22%
D. Television	\$ 195,000	20%
E. Radio	\$114,500*	11%
F. Print	\$ 45,150	5%
G. Ambient/Non-Traditional	\$ 20,000	2%
<b>Total Flood Safety Services</b>	<b>\$ 991,000</b>	
<b>II. Contingency</b>		
A. Contingency	\$ 4,000	0%
<b>Total Contingency:</b>	<b>\$ 4,000</b>	
<b>Total 2020 Budget</b>	<b>\$ 995,000</b>	

\*Includes \$10,000 new production

- C. CONSULTANT is to submit **itemized** invoices to the DISTRICT for the work performed under the above listed tasks. The DISTRICT agrees to pay CONSULTANT the amount of the invoice within thirty (30) days following receipt of the invoice. In the event that the DISTRICT questions a portion of an invoice, payment will be made on that part not in question.

**SECTION V – TERMINATION**

This CONTRACT may be terminated by the DISTRICT upon thirty (30) calendar days' written notice to CONSULTANT. If said termination occurs prior to the completion of the services to be provided under this CONTRACT, CONSULTANT shall deliver to the DISTRICT all documents, computer diskettes, and all other work performed, whether complete or incomplete in a timely manner at the request of the DISTRICT. Thereafter, the DISTRICT will reimburse CONSULTANT for all services performed prior to such notice, provided the services are satisfactory to the DISTRICT. Termination shall be by written notice, which may be sent by registered mail or hand delivered to the address contained in this contract. Such notice will be deemed effective after the third business day of the mailing date, or if hand delivered such notice will be deemed effective upon receipt of the written termination to CONSULTANT.

## SECTION VI – MISCELLANEOUS PROVISIONS

- A. In order to perform its duties as defined herein, CONSULTANT may, at its own expense, engage the services of outside agents. The DISTRICT will not be a party to any contract with outside agent and the total cost of this CONTRACT shall not be increased due to the utilization of an outside agent. Prior to engaging any outside agents, CONSULTANT shall request appropriate written authorization from the DISTRICT's General Manager.
- B. CONSULTANT acknowledges that the DISTRICT has an obligation to ensure that public funds are not used to subsidize private discrimination. CONSULTANT recognizes that if they or their subcontractors are found guilty by an appropriate authority of refusing to hire or do business with an individual or company due to reasons of race, color, religion, sex, sexual orientation, gender identity or gender expression, age, disability, national origin, or any other protected status, the DISTRICT may declare the CONSULTANT in breach of the CONTRACT, terminate the CONTRACT, and designate the CONSULTANT as non-responsible.
- C. Neither party may assign its rights and obligations pursuant to this CONTRACT without the written consent of the other party. The consent of a party to any assignment shall apply only to the incidents expressed and provided for in the written consent, and shall not be deemed a consent to any subsequent assignment. Subject to the foregoing, this CONTRACT inures to the benefit of, and is binding upon, successors and assigns of the parties hereto.
- D. CONSULTANT is an independent contractor. Nothing herein shall be construed to imply a joint venture or principal and agent relationship between the DISTRICT and CONSULTANT, and neither party shall have any right, power, or authority to create any obligation, express or implied, on behalf of the other.
- E. This CONTRACT shall be governed by and construed in accordance with the laws of the State of Nevada.
- F. The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, general liability insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or subcontractors of any tier. The cost of such insurance shall be at the CONSULTANT's own expense.

The CONSULTANT will provide the DISTRICT with certificates of insurance for coverage as listed below and endorsements, establishing coverage required by the CONTRACT within ten (10) calendar days after approval of this CONTRACT by the DISTRICT's Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by the insurer and licensed by the State of Nevada.

1. Each insurance company's rating as shown in the latest Best's Key Rating Guide shall be fully disclosed and entered on the required certificate of insurance. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.
2. The DISTRICT, its officers and employees must be expressly covered as insureds except on workers' compensation insurance coverage.
3. The CONSULTANT's insurance shall be primary with respect to the DISTRICT, its officers, and employees. Any other coverage available to the DISTRICT, its officers, and employees shall be excess over the insurance required of the CONSULTANT.
4. The CONSULTANT's general liability insurance policy shall be endorsed to recognize specifically CONSULTANT's contractual liability to the DISTRICT. It is further agreed that the CONSULTANT or its Insurance Carrier shall provide the DISTRICT with 30-day advance written notice of any cancellation of the policies.
5. All deductibles and self-insured retentions shall be fully disclosed in the Certificates of Insurance. No deductible or self-insured retention may exceed \$10,000, without the written approval of the DISTRICT.
6. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than \$2,000,000. All aggregates must be fully disclosed and the amount entered on the required certificate of insurance. CONSULTANT must notify the DISTRICT of any erosion of the aggregate limits.
7. General liability coverage shall be on a "per occurrence" basis only and not "claims made". The coverage must be provided either on a Commercial General Liability form or a Broad Form Comprehensive General Liability form. No exceptions to coverages provided in such forms are permitted. Policies must include, but need not be limited to, coverages for bodily injury, personal injury, Broad Form property damage, premises operations, severability of interest, products and completed operations, and contractual and independent contractors. General liability insurance policies shall be endorsed to include DISTRICT as additional insureds. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit per occurrence for bodily injury (including death), personal injury, and property damages.
8. The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, automobile coverage which must include, but need not be limited

to, coverage against claims for injuries to persons or damages to property which may arise from or in connection with the use of any auto in the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or sub-consultants of any tier. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit "per occurrence" for bodily injury and property damage.

9. If the CONSULTANT fails to maintain any of the insurance coverages required herein, then the DISTRICT will have the option to declare the CONSULTANT in breach, or may purchase replacement insurance or pay the premiums that are due on existing policies in order that the required coverages may be maintained. The CONSULTANT is responsible for any payments made by the DISTRICT to obtain or maintain such insurance and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this CONTRACT.
  10. The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.
  11. CONSULTANT is responsible for and required to remedy all damage or loss to any property, including property of DISTRICT, caused in whole or in part by the negligent or intentional acts or omissions of the CONSULTANT, CONSULTANT's sub-consultant, or anyone employed, directed, or supervised by CONSULTANT.
- G. Regardless of the coverage provided by any insurance, CONSULTANT shall pay all costs necessary to defend and shall indemnify and hold harmless the DISTRICT from any and all claims, demands, actions, attorneys' fees, costs, and expenses based upon or arising out of any negligent or intentional acts or omissions of the CONSULTANT or its associates, employees, subcontractors, and other agents while performing services under this CONTRACT.
- H. This document shall not create any right in or benefit to parties other than the DISTRICT and CONSULTANT.
- I. The failure of either party to enforce, at any time or for any period of time, the provisions hereof shall not be construed as a waiver of such provisions or of the rights of such party to enforce each and every provision.
- J. Except as where specifically stated otherwise in this CONTRACT, all notices, requests, demands, and other communications required or permitted pursuant to this CONTRACT shall be made in writing and shall be deemed to have been duly given if personally delivered or deposited in the United States mail, first class postage, prepared and addressed as follows:

To DISTRICT: Steven C. Parrish, P.E., General Manager/Chief  
Engineer Clark County Regional Flood Control District  
600 South Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

To CONSULTANT: Scott Robertson, Partner & Creative Director  
Robertson Partners  
6061 South Fort Apache Road, Suite 100  
Las Vegas, Nevada 89148

Or to such other address as either party may specify by written notice given as provided herein to the other party.

- K. The DISTRICT shall have the right and option to extend this CONTRACT up to two times for a period of one (1) year each if the option is exercised by the DISTRICT at any time prior to the expiration of this CONTRACT, including any extensions hereto.

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L. This second renewal option of the CONTRACT shall be in effect from February 13, 2020 until February 10, 2021 unless terminated earlier by the DISTRICT pursuant to the terms of the CONTRACT.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
ATTEST

By: \_\_\_\_\_  
LAWRENCE L. BROWN, III CHAIR

\_\_\_\_\_  
Deanna Hughes  
Secretary to the Board

Approved as to Form:

By: \_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

Robertson Partners

By: \_\_\_\_\_  
SCOTT ROBERTSON  
Partner and Creative Director



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

This advertising services work plan will cover creative work, copywriting, design, production, printing, media placement, web development and related services for the dissemination of flood safety messages to the public. The annual budget for all services shall be \$1,000,000. All costs associated with this contract, including fees, media buys, distributions, mailings, overhead costs and any other costs will come in at or under the budget amount.

The goals of the marketing and advertising campaign are to disseminate flood safety informational messages at a near 100% saturation level for the following target groups throughout all areas of Clark County:

**THE MEDIA PLAN WILL TARGET THE RESIDENTS IN ALL AREAS OF CLARK COUNTY, NV:**

**HOMEOWNERS MOTORISTS NEW RESIDENTS CHILDREN "YOUNG INVINCIBLES" (16-24) ETHNIC COMMUNITIES (HCM, ACM, AACM) OUTLYING COMMUNITIES**

### I. MEDIA OBJECTIVE

Our media strategies and tactics build on the success and awareness levels of prior years, while evolving to align with the continuously changing media landscape and offerings. Our media plan combines traditional media placement with some non-traditional creative approaches, including digital, experiential and emerging media opportunities. The objective for this approach is to allow us to reach our identified audiences efficiently and effectively by utilizing specific, targeted media that engrosses, engages and allows for community interaction.

### II. MEDIA STRATEGIES

The media plan is designed to reach community residents at multiple touch points prior to, and while operating their vehicle. A multimedia approach, utilizing Digital, Experiential, Out-of-Home, TV, Radio, Print and Non-Traditional will be executed, with each medium selected to specifically target media habits of different demographics. This recommendation will collectively broaden our reach and impact upon the community. The creative strategy and media vehicles are designed to work together to maximize exposure of the Flood Safety messages among all target audiences. While it is important to continue messaging to all target audiences/motorists, additional emphasis will be placed on the "Young Invincibles" and "New Residents."

The media plan provides mass awareness and specific weather-triggered activations in English and Spanish. Weather-triggered activations across multiple mediums allow us to provide timely Flash Flood Warning messages to maximize reach and frequency during inclement weather, making our media dollars work effectively and efficiently with relevant messaging. Our recommendations are based on Scarborough and Geoscape and Claritas research, RFCD survey information, market conditions, and daily market opportunities. The recommended plan will include initiatives designed to maximize media dollars, target multiple audiences, strengthen current partnerships and focus on new strategic partnerships.



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### PROPOSED MEDIA

EXPERIENTIAL DIGITAL OUT-OF-HOME RADIO TELEVISION PRINT NON-TRADITIONAL MEDIA COMMUNITY PARTNERSHIPS

### III. MEDIA PLAN—FLOOD SAFETY

#### A. EXPERIENTIAL + B. DIGITAL

Expand on the distribution and execution of the Experiential/VR activation. Experiential enables you to create immersive, visceral experiences that can be packaged and syndicated into a multitude of formats and channels. Experiential and digital executions will be used to reach the total population, with primary emphasis on engaging with the “Young Invincible” and “New Resident.”

In 2019, Experiential/VR outreach included district staff plans to incorporate the VR into the schools and community outreach. For 2020, we will expand this distribution by supporting the district staff with brand ambassadors to help with activations, provide additional Google Cardboard sets so more students/community can participate during events, and translate the current VR experience into Spanish to support all Hispanicity levels of the Hispanic community in Las Vegas.

Digital campaigns are monitored and measured through dashboards/interfaces. Additionally, third party ad tags are served through DoubleClick to verify impressions and clicks. IAS (Integral Ad Science) is used to monitor brand safety and viewability.

#### EXPERIENTIAL

- Creative specifically for this environment with expectations of “Young Invincibles” driving development
- Support VR presentations with Brand ambassadors and additional Google Cardboards
- Expand VR experience with Spanish translation

#### SOCIAL

- Utilize Snapchat/TikTok platforms to connect with the “Young Invincibles”
- Utilize Facebook/Instagram targeting to reach the “New Resident” (targeting life event: new city last 6 months)
- Utilize in-feed and in-messaging placements
- Develop social campaigns in English and Spanish
- Hyper-local targeting of outlying areas
- Partner with Waze: Zero Speed Takeover — messaging when motorist is stopped for four seconds or more
- Weather-triggered: Utilize Facebook management interface that will allow us to change bids based on weather conditions to increase frequency during inclement weather.





## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—FLOOD SAFETY

#### AUDIO

- Evaluate Pandora, Spotify and programmatic audio placements to reach the target audiences
- Placements in English and Spanish
- Weather-triggered: Evaluate the ability to switch the creative message based on weather condition with 24–48 hours notice

#### VIDEO

- Video placements to include YouTube and programmatic DSPs to reach the Connected TV and OTT audience. (Connected TV refers to Apple TV, Roku, Sling TV. OTT (over-the-top) refers to viewing through sites/apps on any device such as CondeNast, PBS, CBS Local, MLB, NHL Network, Food Network, Time Inc., CNN, etc.)
- Video also used in creative units for social media
- Provides the ability to target in English and Spanish
- Weather-triggered: Evaluate the ability to switch the creative message based on weather condition with 24–48 hours notice

#### ADDITIONAL CONSIDERATIONS

- Pending availability, utilize homepage takeovers on sites such as LVRJ.com and placements on weather-related sites to maximize reach and frequency during inclement weather



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—FLOOD SAFETY

#### C. OUT-OF-HOME

Outdoor is a primary focus in our work plan as it has proven to be extremely successful in reaching motorists at a key point in time while they are driving. We recommend that Out-of-Home remains a lead advertising medium. Over 60% of respondents in the 2017 research study recalled learning about the dangers of flash flooding from billboards, this increased from 58% in the prior study.

In 2020, we will maintain the outdoor billboard campaign, delivering more than 203 million impressions across the campaign, while reaching both the General and Hispanic market residents. Added value digital inventory allowed us to increase the reach and frequency of the branding messaging, as well as provide the flexibility to change creative to Flash Flood Warning messaging during inclement weather with 24 hours notice.

Additionally, we will continue exposure to motorists at gas stations with pump toppers (static and digital) and will explore new opportunities with C-Stores at gas station locations.

Outdoor has the ability to reach all designated target audiences: General Market, Hispanic, African American and Asian; "New Residents" and "Young Invincibles"

- Outdoor provides the lowest cost-per-thousand reach of all other mass advertising mediums
- Outdoor allows delivery to multiple household members simultaneously (e.g., each member of a family of four traveling in a car could ideally see an outdoor message)
- Outdoor allows delivery of our message at the most crucial time and to the most significant audience

Posting Dates: June–September 2020

Planned Quantity: 21 Static Billboards; 30 Gas Stations + Digital Billboards as Added Value Estimated Weekly Paid A18+ GRPs: 500

Estimated Weekly Reach: 72%

Estimated Weekly Frequency: 7x

Weather-Triggered Activation:

Copy change on added value Digital Billboards with 24 hours notice



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—FLOOD SAFETY

#### D. TELEVISION

Ranked as the most mentioned source for learning about the dangers of flash floods in the most recent RFGD survey (Applied Analysis—Flood Awareness Survey 2019), television is recommended to maintain a high level of exposure in the Las Vegas market. A combination of 15-second spots are recommended to keep the community engaged. Weather sponsorship opportunities are also evaluated for synergy of messaging.

We will continue placements on local broadcast (English- and Spanish-language stations) and cable/satellite, contingent on negotiated cost-per-points. While the full market does not subscribe to cable/satellite, the audience/GRP delivery is based on the full market in order to account for the homes that do not subscribe. The proposed television schedule includes a heavy use of local news and expands into other dayparts to influence and educate across all audiences. In addition, the digital plan looks at further connecting with “cord-cutters” through the use of OTT/Connected TV opportunities and YouTube.

Flight Weeks: June–September 2020

Estimated # of :15 Spots per Week: 75x

Added Value Priorities: Bonus Spots/Weather Sponsorships

Estimated Campaign Reach/Frequency: 85–90%/10x

Weather-Triggered Activation:

Consider changing spot to Flash Flood Warning message with 48 hours notice

#### E. RADIO

Radio plays a dual role in the marketing campaign. While it supports the outdoor campaign, it also reaches our target audiences during peak drive times. All radio stations in the Las Vegas market will be availed, and spots will be concentrated weekdays from 5 a.m.–8 p.m. The awareness campaign will consist of :30 spots. A separate weather-triggered campaign will be activated with 24–48 hours notice, as available, consisting of :10/:15 live and recorded reads to remind the target audiences of the dangers of the impending inclement weather. The campaign will include English-language and Spanish-language stations. Radio station partnerships will be leveraged to encourage dissemination of Flood Safety collateral pieces at station events/remotes. Additionally, the reach of terrestrial radio is extended through the use of Pandora and/or Spotify placements within the digital plan.

Flight Weeks: June–September 2020

Estimated # of :30 Spots per Week: Minimum 200x

Added Value Priorities: Bonus Spots/Collateral at Community Events

Estimated Campaign Reach/Frequency: 94%/10x

Weather-Triggered Activation:

Placement of :10/:15 live reads with 24–48 hours notice



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—FLOOD SAFETY

#### F. PRINT

Print will be used to reach specific ethnic minority segments within the community along with "New Residents." The Hispanic population has grown to over 30% of the market's total population and Filipinos are 50% of the total Asian population in Las Vegas. Communicating the Flood Safety message in a familiar way is essential. In-language print reaches a loyal readership amongst first generation Hispanics. (*El Tiempo* Study, Scarborough 2015)

Communication to "New Residents" will continue throughout the year to provide awareness of flood dangers to new members of the community. This is a vital audience that is new to the messaging and dangers of flash floods.

#### **EL MUNDO—FULL PAGE AND HALF PAGE**

*El Mundo* is the largest Hispanic owned publication in Nevada. *El Mundo* brings the latest local, national and international news, giving emphasis to news stories that affect the Mexican, Central American and South American communities.

#### **EL TIEMPO—FULL PAGE AND HALF PAGE**

*El Tiempo* is a community newspaper written by Hispanics, for Hispanics. Printed by the *Las Vegas Review-Journal*, the newspaper has the largest circulation among Hispanic newspapers in the Las Vegas Valley.

#### **ASIAN JOURNAL—HALF PAGE**

*Asian Journal* is the leading newspaper with the largest and most consistent circulation reaching local Filipino-Americans.

#### **RELOCATING TO LAS VEGAS—FULL PAGE**

*Relocating to Las Vegas: Relocation and Resources Guide* reaches prospective Clark County residents prior to relocating. Packages include print and digital placements. Annual presence across all four issues: Winter, Spring, Summer and Fall.



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—FLOOD SAFETY

#### G. AMBIENT/NON-TRADITIONAL

We will continue the production of the CCRFCD Bags. The bags have been extremely successful since 2008 due to the partnerships we have formed with Farmer's Markets, Mariana's and events like the Art Festival.

Air fresheners are another successful tactic that we recommend continuing. This concept came about after narrowing down the most effective way to reach motorists. Having our message in the vehicle at the time of a flood is unquestionably most effective. We partnered with Terrible Herbst car wash locations as an air freshener distribution partner. We recommend continuing these partnerships in 2020.

Since these non-traditional concepts have proven to be successful, we continue to evaluate additional ambient options to include, but not limited to: smartphone car chargers, PopSocket phone grips, bumper stickers, keychains and keytags.

Additionally, explore opportunities to partner with the Drivers' Edge Program at the Las Vegas Motor Speedway in order to directly communicate with the new teen driver.



## EXHIBIT 1 2020 SCOPE OF GENERAL CONTRACT SERVICES

### III. MEDIA PLAN—STORMWATER

We understand an additional goal of the RFCD is to review the public education component of the valley wide National Pollutant Discharge Elimination System (NPDES) Stormwater Permit.

In 2019, we developed a new TV spot speaking directly to the effects of stormwater drain pollution to improve the general public's knowledge. While this media is placed directly, we are happy to help secure placements and add it to social messaging to further disseminate the content.

In addition, we currently support BeLakeFriendly.com through maintenance, hosting and appropriate updates and upgrades to maintain best web practices. This includes content management, database and server management related to hosting and UX/UI updates relating to changing technology.

### III. MEDIA PLAN—CONTINGENCY

In addition to the preceding media vehicles, there may be other creative/production expenditures for non-traditional methods to ensure our Flood Safety messages are effectively and efficiently targeted to the defined audiences. The 2020 Contingency may include but are not limited to those services and deliverables

outside of but related to the Scope of General Contract Services contemplated herein. Additionally, if the contingency budget is not used during monsoon season, it provides additional funds to support weather-triggered media throughout the year as applicable and affordable.



# EXHIBIT 2 SCHEDULE OF TASK COMPLETION

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
<b>MEDIA</b>													
<b>OUT OF HOME: (ENG/SPA)</b>													
Static Billboards				Production	[Blue Bar]								
Digital Billboards (Added Value)				Production	[Blue Bar]								
Gas Pumps				Production	[Blue Bar]								
<b>RADIO: (ENG/SPA)</b>													
Spot Schedule (:30)				Production	[Red Bar]								
<b>TELEVISION: (ENG/SPA)</b>													
Spot Schedule (:15)				Production	[Yellow Bar]								
<b>PRINT: (SPA/ASIAN/NEW RESIDENT)</b>													
<b>ETHNIC NEWSPAPER</b>													
El Mundo				Production	[Green Bar]								
El Tiempo				Production	[Green Bar]								
Asian Journal				Production	[Green Bar]								
<b>NEW RESIDENTS</b>													
Relocation Package	[Orange Bar]												
<b>DIGITAL: (SEGMENTED FOR ALL AUDIENCES)</b>													
Social: Facebook/Instagram/Snapchat				Production	[Green Bar]								
Social: Facebook/Instagram - New Residents				Production	[Green Bar]								
Social: Weather-Triggered				Production	[Green Bar]								
Audio: Pandora/Spotify				Production	[Green Bar]								
Video: YouTube/Connected TV/OTT				Production	[Green Bar]								
Maps: Waze				Production	[Green Bar]								
Weather-Triggered: Placements above plus homepage takeovers, weather sites				Production	[Green Bar]								
<b>NON-TRADITIONAL</b>													
Vinyl Tote Bag		Production	[Red Bar]										
Air Fresheners		Production	[Red Bar]										
Mascot - Fluey		[Red Bar]											
RFCD School Outreach Support / Press Conference	[Grey Bar]			[Red Bar]									



## EXHIBIT 3 BUDGET SUMMARY

Our proposed fee/billing arrangement for the RFCD Flood Safety Advertising Services contract will be as follows: creative and account services billed at our reduced blended hourly rate of \$125/hour, with media and outside production billed with a standard agency commission of 15% of the gross.

### 2020 BUDGET SUMMARY

ITEM	COST	% OF BUDGET
<b>I. FLOOD SAFETY SERVICES</b>		
A. Experiential	\$100,000	10%
B. Digital	\$297,500	30%
C. Out-of-Home	\$218,850	22%
D. Television	\$195,000	20%
E. Radio	\$114,500	11%
F. Print	\$45,150	5%
G. Ambient/Non-Traditional	\$20,000	2%
<b>Total Flood Safety Services:</b>	<b>\$991,000</b>	
<b>II. CONTINGENCY</b>		
A. Contingency	\$4,000	0%
<b>Total Contingency:</b>	<b>\$4,000</b>	
<b>Total 2020 Budget</b>	<b>\$995,000</b>	<b>100%</b>

Budget summaries inclusive of creative, production, media and account management.



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<b>SUBJECT:</b> 2019 SURVEY OF RESIDENTS
<b>PETITIONER:</b>  STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE BOARD ACCEPT THE PROJECT PRESENTATION BY APPLIED ANALYSIS OF THE 2019 FLASH FLOOD AWARENESS SURVEY (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None

**BACKGROUND:**

Since 1999, the Clark County Regional Flood Control District has conducted periodic surveys to evaluate the effectiveness of its Public Information Program in educating the local community about the dangers of flooding in southern Nevada. These surveys help guide the Program's efforts by providing valuable information about residents' knowledge of flood safety.

The 2019 Flood Awareness Survey was conducted by Applied Analysis and was administered to 700 residents. Surveys were conducted by phone, and online, in both English and Spanish.

Attached as backup is a brief summary of the 2019 survey of residents. Applied Analysis will present the findings of the survey of residents and discuss the efficacy of the District's flood safety messaging and campaign.

CAC AGENDA ITEM #11 Date: 02/03/2020	RFCD AGENDA ITEM # Date: 02/13/2020
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Steven C. Parrish, P.E.  
General Manager/Chief Engineer

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/21/2020

**2019 SURVEY OF RESIDENTS**

Since 1999, the Clark County Regional Flood Control District has conducted periodic surveys to evaluate the effectiveness of its Public Information Program in educating the local community about the dangers of flooding in southern Nevada. These surveys help guide the Program's efforts by providing valuable information about residents' knowledge of flood safety.

The 2019 Flood Awareness Survey was conducted by Applied Analysis and was administered to 700 residents. Surveys were conducted by phone, and online, in both English and Spanish.

Attached as backup is a brief summary of the 2019 survey of residents. Applied Analysis will present the findings of the survey of residents and discuss the efficacy of the District's flood safety messaging and campaign.

**Staff Recommendation:**

Accept the project presentation.

**Discussion by Technical Advisory Committee:**

AGENDA  
# Date:

The Technical Advisory Committee did not hear this item.

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#11 Date: 02/03/2020

**Recommendation:**



# 2019

## CLARK COUNTY FLOOD AWARENESS SURVEY SUMMARY

### FLOOD CONTROL INVESTMENT



**\$73.5 M**

Sourced to 13 Completed Projects in Fiscal Year '19



**648 Miles**

Of Completed Channels and Storm Drains

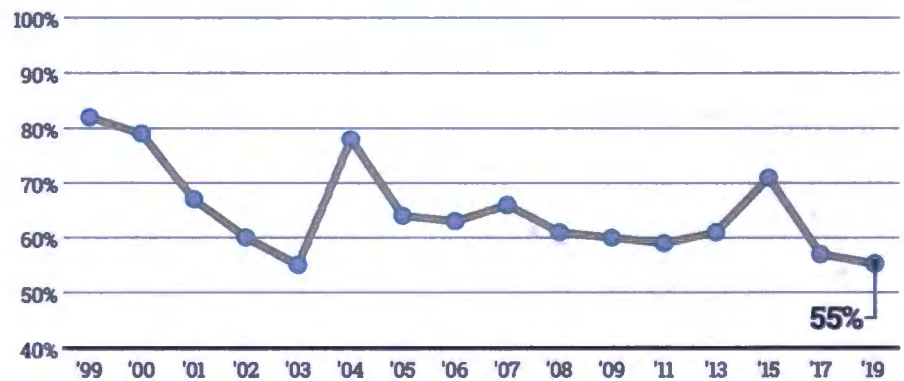


**\$129.7 M**

Current Construction Funding

Clark County  
Regional Flood Control District  
600 S. Grand Central Pkwy, #300  
Las Vegas, Nevada 89106  
Tel 702.685.0000 | Web: ccrfcd.org

### Awareness of Flooding in Southern Nevada\*



\*Reflects unprompted responses from respondents who are both aware of weather-related dangers and who responded that flash flooding can occur in the area.

The first thing respondents think when they hear "Clark County Regional Flood Control District" is 'safety'. Since its inception in 1987, the District has been responsible for roughly \$1.9 billion in flood control improvements throughout Clark County. Furthermore, approximately three-fourths of the facilities for the District's Master Plan are completed. However, flash flooding and its awareness continue to be primary concerns for Clark County's 2.2 million residents who experience periods of intense rainfall each year.

During the 2019 Flood Awareness Survey, more residents reported being aware of weather-related dangers than the prior year's survey but fewer reported there was a danger of flash floods in the area. This drove the overall awareness of flooding down to its lowest point since 2003. Similarly, there were drops in every category of weather-related dangers reported, as well as every source for flash flood information. Although the overall flood awareness decreased, a strong majority (87.8 percent) of respondents believe they are aware of the dangers of flash flooding and roughly two-thirds (66.2 percent) believe that flood control in Southern Nevada is being handled in an excellent or good way.

### Weather-Related Danger's Threat to the Local Community\*

Extreme Heat	4.62
Floods/Flash Floods	3.87
Drought	3.77
Dust Storms/High Winds	3.65
Heavy Rain/Thunderstorms	3.31
Fire/Lightning	3.12
Earthquakes	2.67
Snow Storms/Freezing Conditions	1.66
Tornados	1.55

\* Mean scores based on a scale of 1 to 5 where 1 = minimal threat and 5 = serious threat; excludes respondents who did not answer the question.

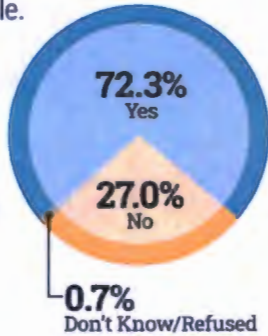
### About How Deep Do Flood Waters Need to Be to Become Dangerous?

All Flood Waters Are Potentially Dangerous	18.9%
0 to 1 Inch	4.9%
1.1 Inches to 3 Inches	20.7%
3.1 Inches to 6 Inches	23.1%
6.1 Inches to 1 Foot	14.3%
1.1 Feet to 2 Feet	7.0%
2.1 Feet to 3 Feet	3.1%
Greater Than 3 Feet	3.4%
Refused/No Answer	4.6%

### Have You Ever Encountered a Flooded Street While in a Vehicle?

Nearly three-fourths (72.3 percent) of respondents have encountered a flooded street while in a vehicle.

This has dropped 7.7 percent since the 2011 survey when four-fifths (80.0 percent) of respondents reported encountering a flooded street.



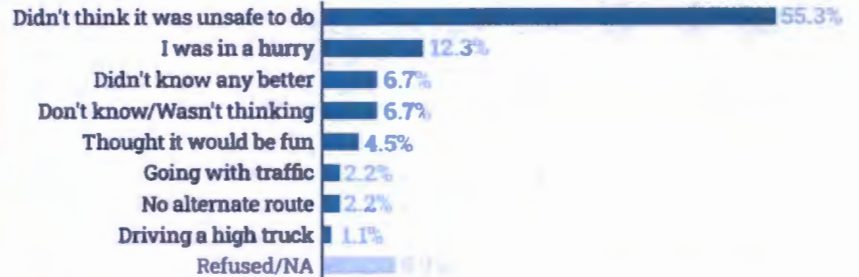
### Thinking Back to the Last Time You Came to a Flooded Street, What Best Describes What You or the Driver Did?

Consistent with prior survey, over half of respondents who encountered a flooded street while in a vehicle indicated they turned around and took an alternative route.

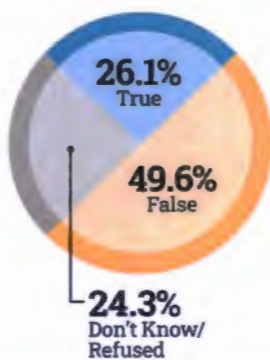
Turned back and took an alternative route	57.5%
Drove through and made it	34.2%
Waited for the flood waters to go down, then drove through	4.2%
Drove through and got stuck	1.4%
Was stuck in traffic	0.4%
Don't remember/refused	2.4%

### If You Encountered a Flooded Street While in a Vehicle and Drove Through It, Why Did You Do So?

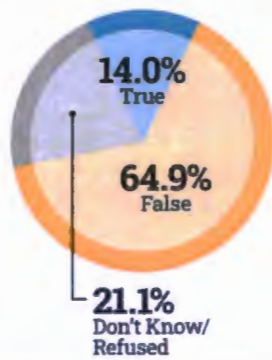
Over half (55.3 percent) of respondents who encountered a flooded street and drove through it did so because they didn't think it was unsafe.



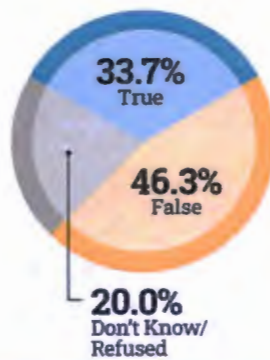
#### Homeowners Insurance Generally Covers Homeowners from Storm-Related Flood Damage.



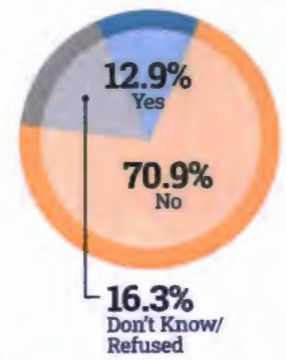
#### Flood Insurance is Only Available to Those Who Live in a High-Risk Flood Zone.



#### Only People Living in a High-Risk Flood Zone are Required to Have Flood Insurance Coverage.

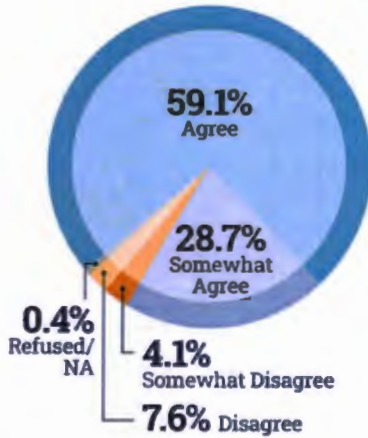


#### Do You Currently Carry Flood Insurance Beyond What is or is Not Included in Your Standard Homeowners or Renters Policy?



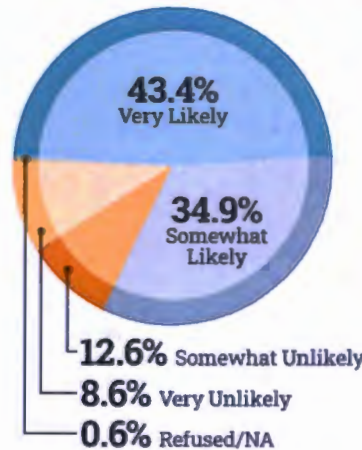
About 7 in 10 respondents (70.9 percent) do not carry flood insurance beyond what is included in a standard homeowners or renters policy. This has dropped slightly since 2015 when 71.4 percent of respondents indicated they did not currently carry additional flood insurance. Among those who do not carry flood insurance, over half (55.9 percent) said they would still not consider purchasing flood insurance if it cost about a dollar per day.

### I Know About the Dangers of Flash Flooding.



Three-fifths (59.1 percent) of respondents agreed that they know the dangers of flooding. Only 11.7 percent of respondents do not agree that they know about the dangers of flash flooding.

### How Likely is it that Flash Flooding Will Occur in Clark County During the Next 12 Months?



Nearly four-fifths (78.3 percent) of respondents indicated that it is "very likely" or "somewhat likely" that a flash flood will occur in Southern Nevada within the next 12 months. This has dropped slightly since 2013 when 81.2 percent of respondents believed it was likely that flash flooding would occur.

### Do You Recall Learning About the Dangers of Flash Flooding From the Following Sources?

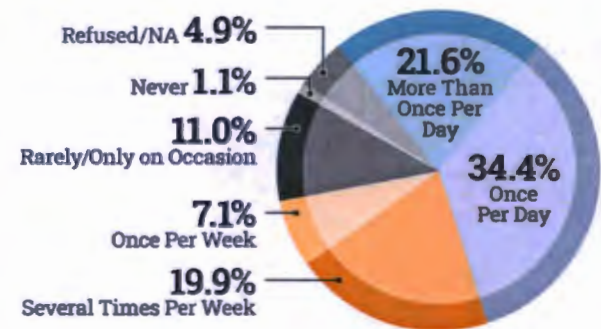
Television is still rated as the most common source of information followed by news outlets. While there was a general decrease in "Yes" responses for all sources, a significant change was seen in Friends/Relatives. In 2017, over three-fifths (62.3 percent) of respondents indicated that friends/relatives were their primary source of information; in 2019, this fell to slightly higher than one-third (35.0 percent) of respondents.

SOURCE	YES	NO
Television	81.0%	18.4%
News Reports	67.4%	32.0%
Radio	54.7%	44.7%
Social Media Outlets (e.g., Twitter or Facebook)	41.4%	57.9%
Internet/Flood District Website	40.7%	58.4%
Billboards	36.7%	62.6%
Friends/Relatives	35.0%	64.6%
School	28.3%	70.7%
The Flood District Web Application on a Mobile Device	26.0%	72.7%
Magazine/Newspaper Advertisements	18.9%	80.7%
Experience	3.6%	96.4%
Other	5.1%	94.9%

Note: Percentages exclude respondents who did not answer the question.

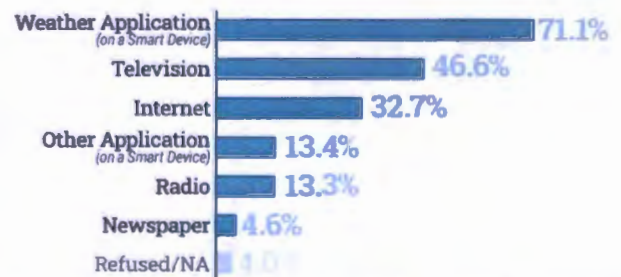
### How Often Would You Say You Check Your Local Weather Forecast?

More than half (56.0 percent) of all respondents reported that they check the local weather forecast at least once each day.



### If You Wanted to Check Your Local Weather Forecast, Which Resources Would You Use?

Most respondents would use a weather app on their smart device, television or the internet if they want to check their local weather forecast.



Note: This is a multiple response question. Results may exceed 100 percent.

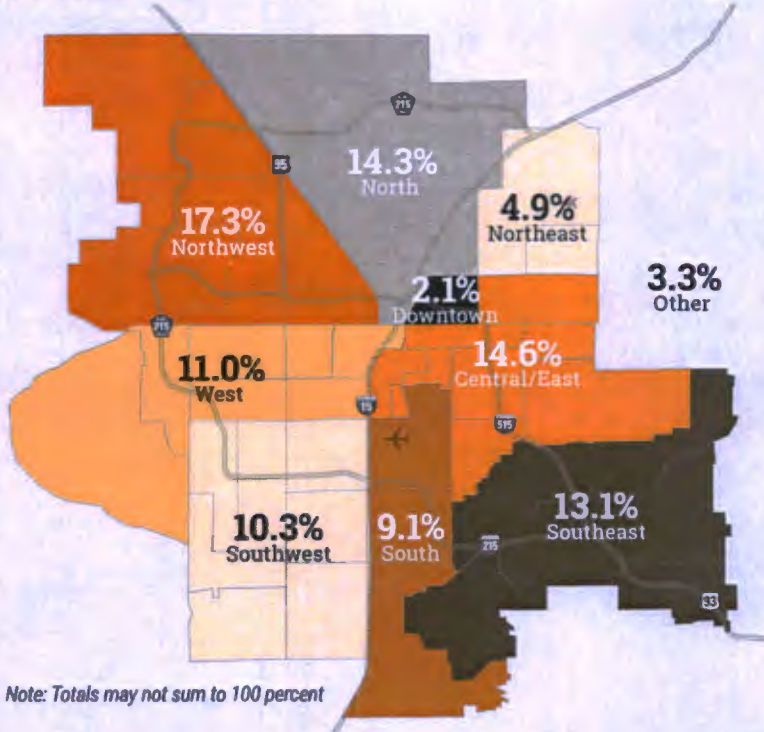
## SURVEY PURPOSE AND METHODOLOGY

Since 1999, the Clark County Regional Flood Control District has conducted periodic surveys to evaluate the effectiveness of its Public Information Program in educating the local community about the dangers of flooding in Southern Nevada. These surveys help guide the program's efforts by providing valuable information about residents' knowledge of flood safety.

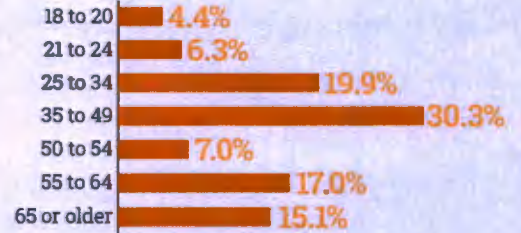
The 2019 Flood Awareness Survey was administered at random to 700 residents by local advisory firm Applied Analysis. Surveys were conducted by telephone and web in both English and Spanish. The margin of error was ±3.7 percent at the 95 percent confidence interval.

## SURVEY DEMOGRAPHICS

### Market Areas



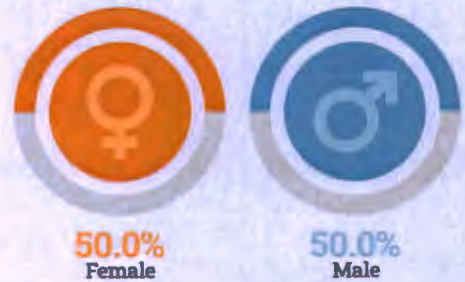
### Age



### Home Ownership



### Gender



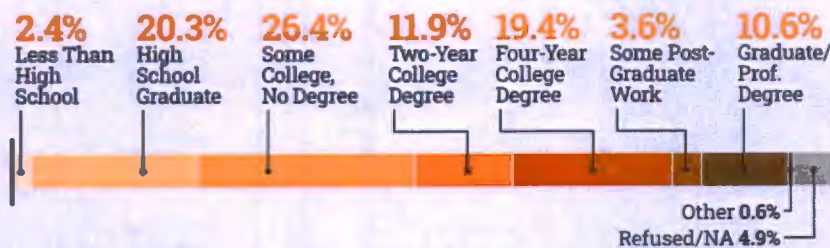
### Employment Status



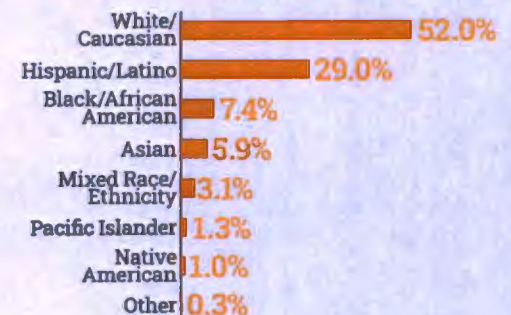
### Length of Residence in Southern Nevada



### Educational Attainment



### Race/Ethnicity

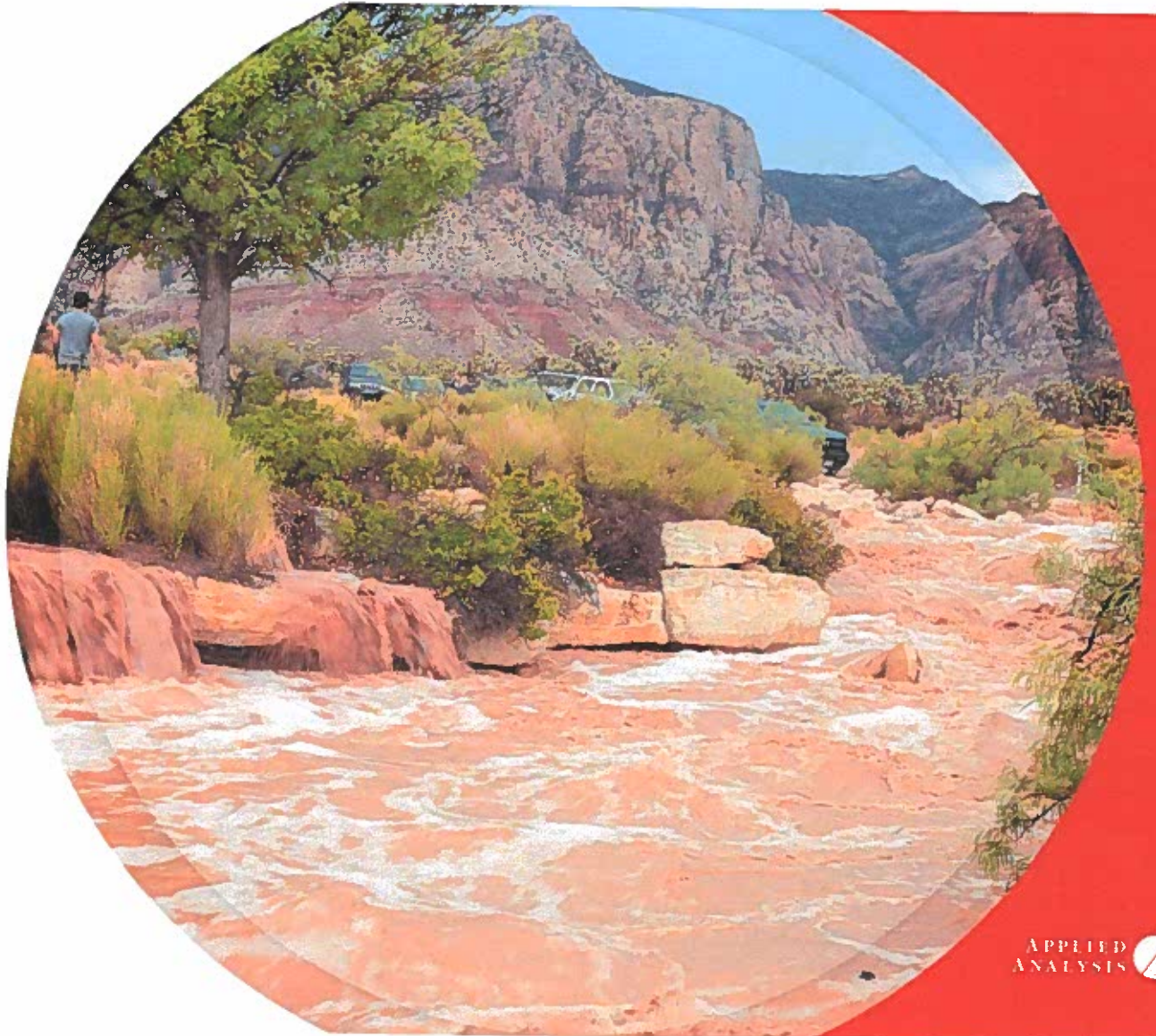


12. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction will be held. No vote may be taken on a matter not listed on the posted agenda. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote. All comments by speakers should be relevant to the Regional Flood Control District Citizens Advisory Committee action and jurisdiction.



# 2019 Clark County Flood Awareness Survey







# PROJECT OVERVIEW

# Introduction

- Applied Analysis was retained by the Clark County Regional Flood Control District to conduct its biennial survey of Southern Nevada residents on topics related to weather, particularly flooding.
- This summary presentation-report highlights the results of 700 interviews as well as the salient findings of our review and analysis.
- Although several steps were taken before, during and after the survey process to limit research bias and to ensure the meaningfulness of the results generated, any primary research project of this nature will have some limitations. These limitations should be considered in the evaluation of the findings provided herein.

# Research Parameters

## General Approach

A random sample of Clark County residents were surveyed regarding weather-related topics, particularly flooding

## Survey Parameters

### Timeframe

September - October 2019

### Method

Telephonic and web-based survey

### Respondent Requirements

18 and over; non-media; quotas set for age, Hispanic/non-Hispanic descent and homeowners/renters

### Number of Respondents

700 (252 telephonic and 448 web-based)

### Confidence Interval

95%

### Margin of Error

±3.7%



# EXECUTIVE SUMMARY

# Survey Summary Narrative

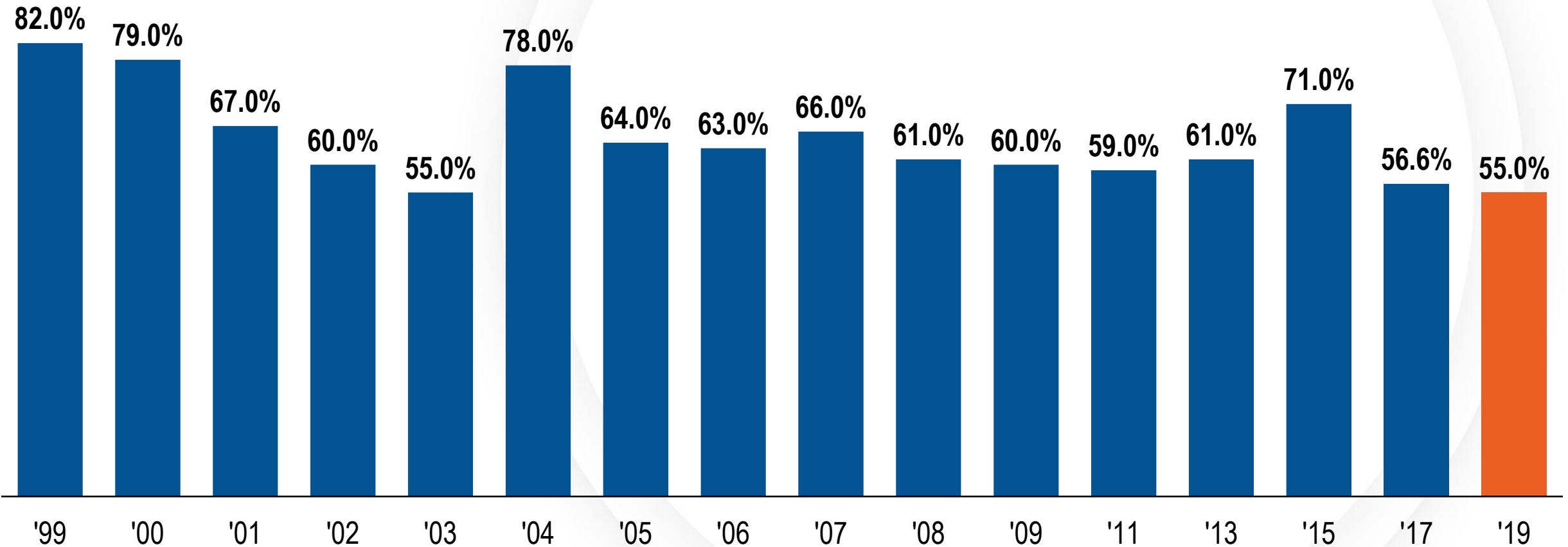
- **General Flood Awareness** – Nearly three-fourths (74.1 percent) of Southern Nevada residents reported knowing about the dangers that come with inclement weather. This is up from the share reported in 2017, when 67.9 percent of respondents indicated awareness of weather-related dangers. Consistent with the prior surveys, flooding and flash floods are the most commonly cited weather-related danger, with 74.2 percent of respondents indicating it as such. Notably, however, this number is down significantly from 83.3 percent of respondents who reported being aware that flash floods can occur in the area in 2017.
- **All Inclement Weather Awareness** – Nine in ten respondents (91.4 percent) stated that extreme heat was a serious threat to the local community (rank of 4 or 5), making it the highest rated threat in 2019. This is an increase from 2017, when 82.6 percent of respondents ranked extreme heat as a serious threat. Flash floods followed the trend from 2017, ranking as the second-most concerning weather-related threat, with two-thirds (67.0 percent) of respondents ranking it as a concern. This was followed drought (62.4 percent) and dust storms/high wind (56.9 percent). Weather conditions that were viewed as moderate concerns were heavy rain/thunderstorms (44.9 percent), fire/lightening (24.7 percent) and earthquakes (26.5 percent). Lastly, snow storms/freezing conditions (7.1 percent) and tornados (8.4 percent) were rated as less significant threats.
- **Sources of Information** - Respondents reported getting information about the dangers of flash flooding from several sources in 2019. Television is still rated as the most common source of information followed by news outlets. While there was a general decrease in “Yes” responses for all sources, a significant change was seen in Friends/Relatives. In 2017, over three-fifths (62.3 percent) of respondents who indicated that friends/relatives were their primary source of information; in 2019, this fell to slightly higher than one-third (35.0 percent) of respondents.
- **Impact on Lake Mead** – When asked to rate the impact of certain activities on Lake Mead from 1 to 5, the most negative activity reported was littering, which was consistent with the prior survey. Notably, littering’s average response increased from 3.82 in 2017 to 4.11 in 2019. Other notable activities that respondents believe to have a serious impact on Lake Mead were the use of commercial car washes (2.97), reporting of clogged storm drains (2.76), proper disposal of oil (2.69) and proper disposal of chemicals (2.66).
- **Overall Outlook** - One-fifth (19.6 percent) of respondents believe that flood control in Southern Nevada is being handled in an excellent way. Respondents stated that flooding is better controlled than prior years, new/improved infrastructure have positively impacted water channels and the public is being kept aware of when flooding will occur.

# Survey Summary Themes

- Southern Nevadans' overall flood awareness is at its lowest point since 2003 with more respondents being aware of weather-related dangers but fewer reporting that there was a danger of flash floods in the area
- Compared to the 2017 survey, there were drops in every category of weather-related dangers reported
- When asked what word respondents most associated with the Clark County Regional Flood Control District, the most common response was "safety"
- There were declines in every source for flash flood information, as well as a notable drop in the share of respondents who reported having Cox Digital Cable television
- Although overall flood awareness is down, a strong majority of respondents believe they are aware of the dangers of flash flooding but do not believe those around them are quite as aware
- Those who live in Southern Nevada still tend not to purchase flood insurance, citing several reasons (e.g., not available, not needed, renters and too expensive)
- Respondents are aware of several sources of environmental information related to flood-related dangers including the internet, government sources (e.g., Environmental Protection Agency, municipalities and/or the Clark County Flood Control District) and the library

# Historical Trend in Flood Awareness

## (Unprompted Responses)

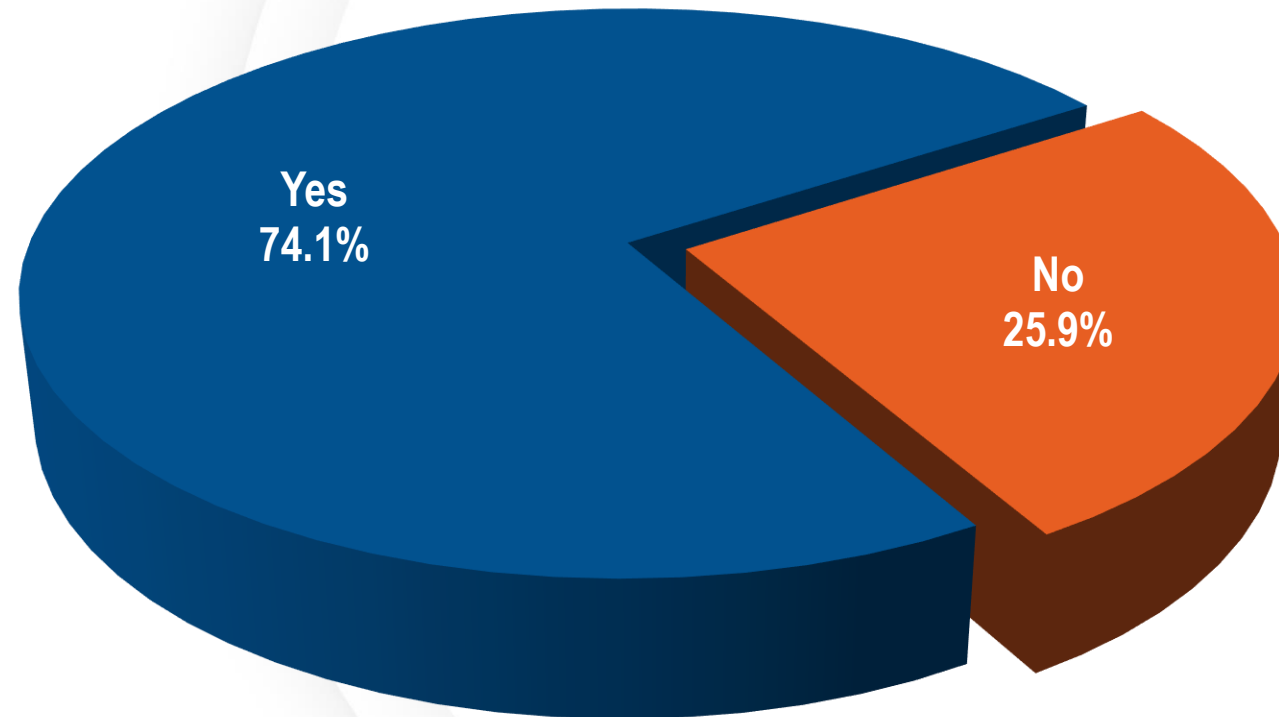


Note: Unprompted response reflects the share of respondents that are aware of weather-related dangers (Q1) and that flash floods can occur in the area (Q2).

# SURVEY RESULTS

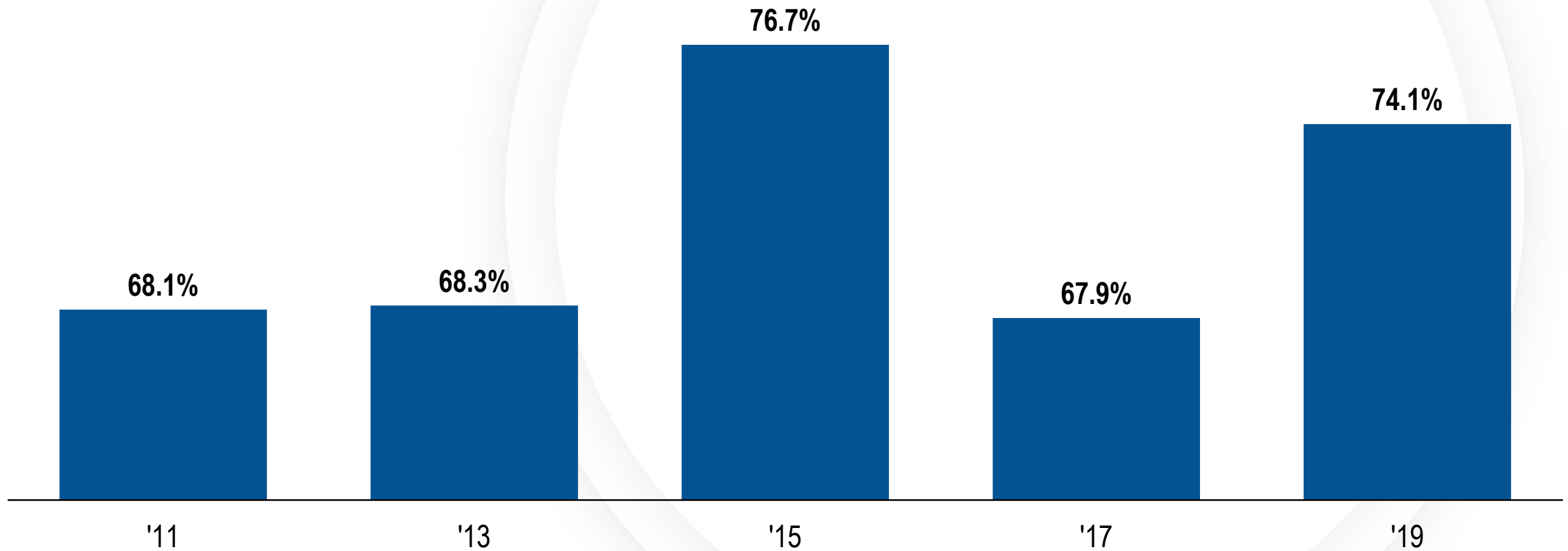


# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area?

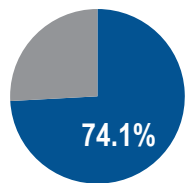


N=700

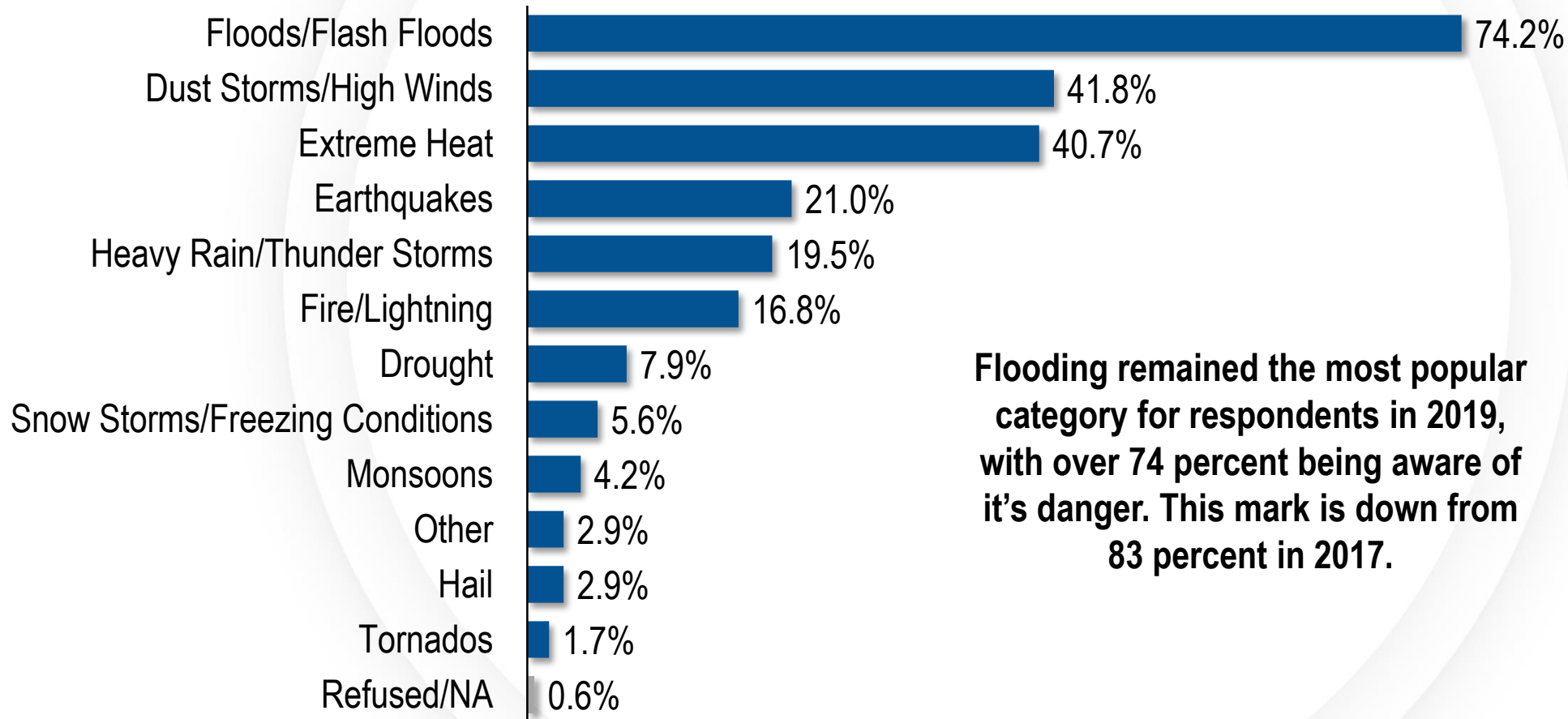
# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Historical Trend (Yes)



# Q2: What types of weather-related dangers are you aware of that can occur in the area?



Those who said they were aware of weather-related dangers in the Southern Nevada area



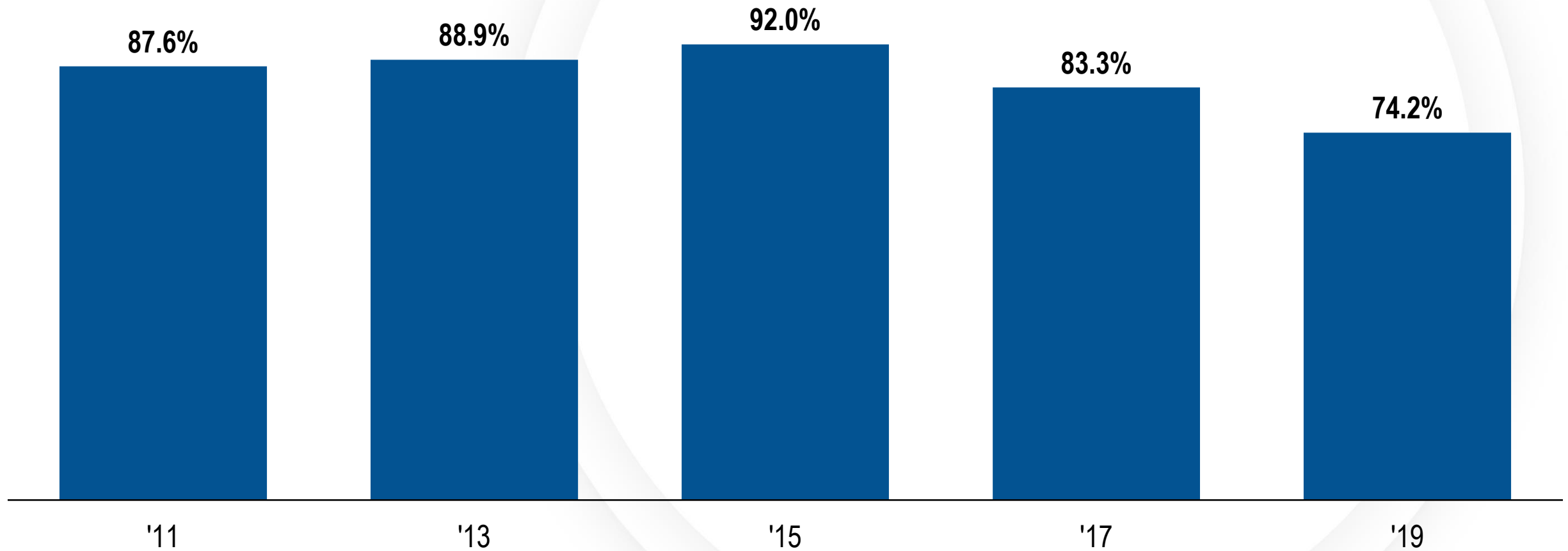
**Flooding remained the most popular category for respondents in 2019, with over 74 percent being aware of it's danger. This mark is down from 83 percent in 2017.**

Note: This is a multiple response question. Results may exceed 100 percent.

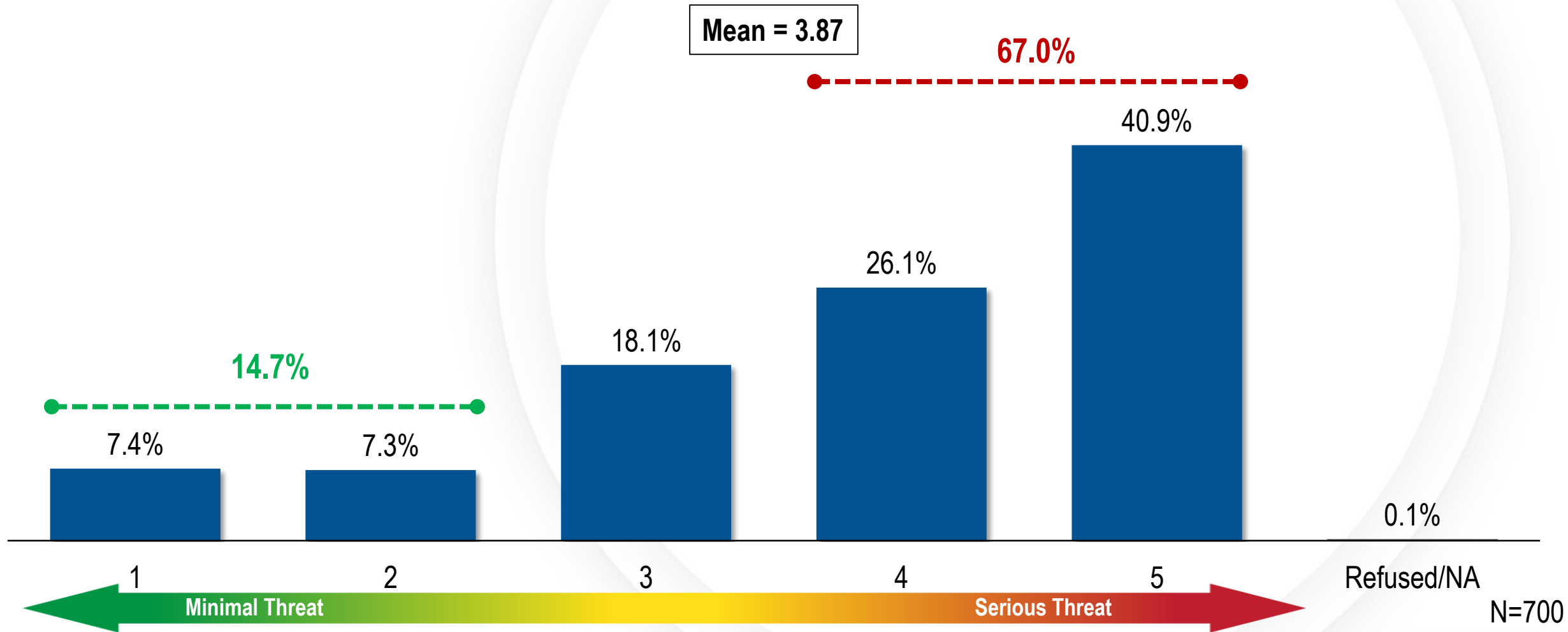
N=519



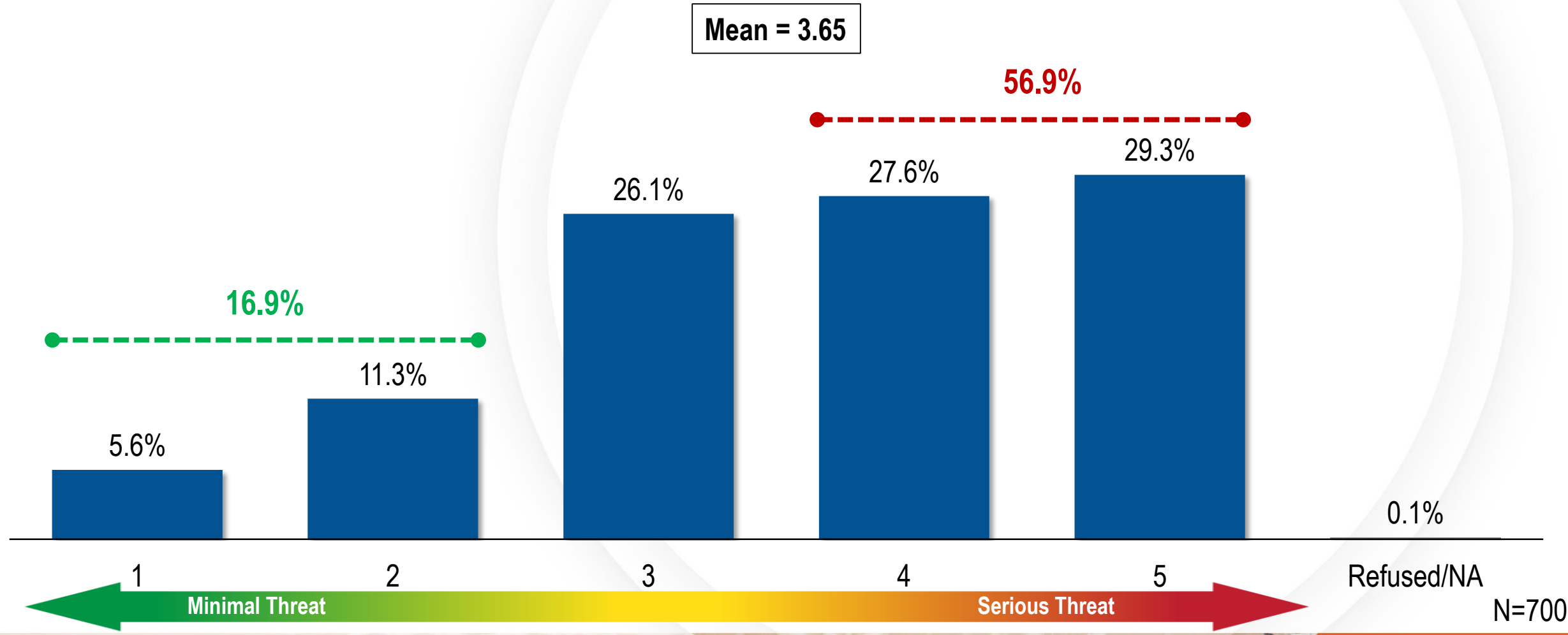
# Q2: What types of weather-related dangers are you aware of that can occur in the area? Historical Trend (Floods/Flash Floods)



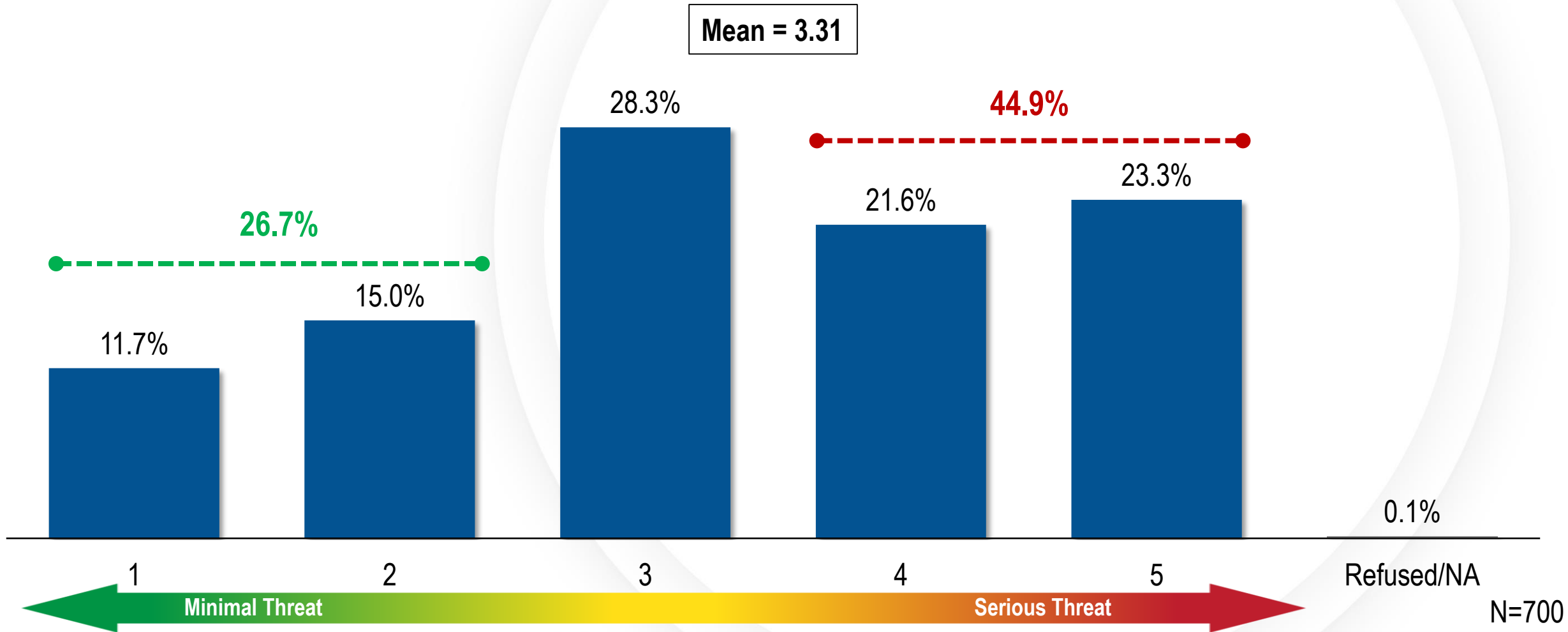
# Q3A: Please rank each weather-related danger in terms of the threat to the local community. Floods/Flash Floods



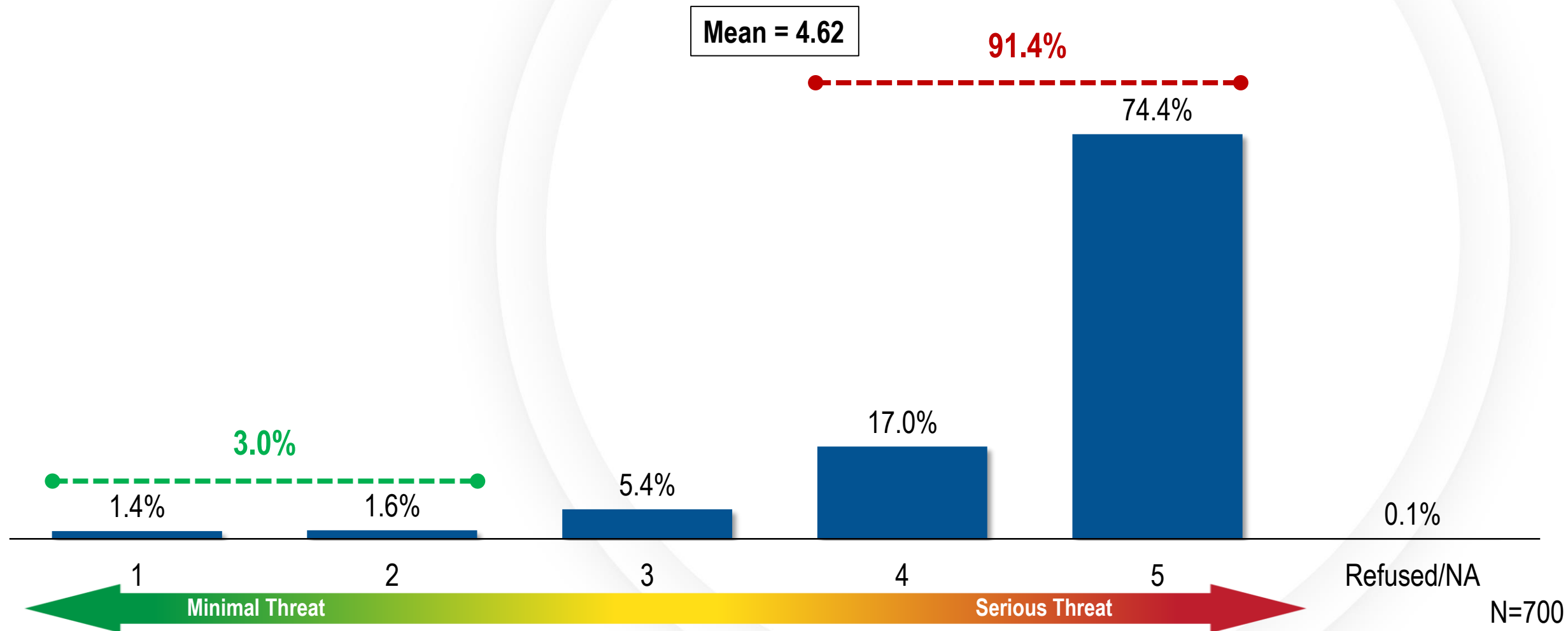
# Q3B: Please rank each weather-related danger in terms of the threat to the local community. Dust Storms/High Winds



# Q3C: Please rank each weather-related danger in terms of the threat to the local community. Heavy Rain/Thunderstorms



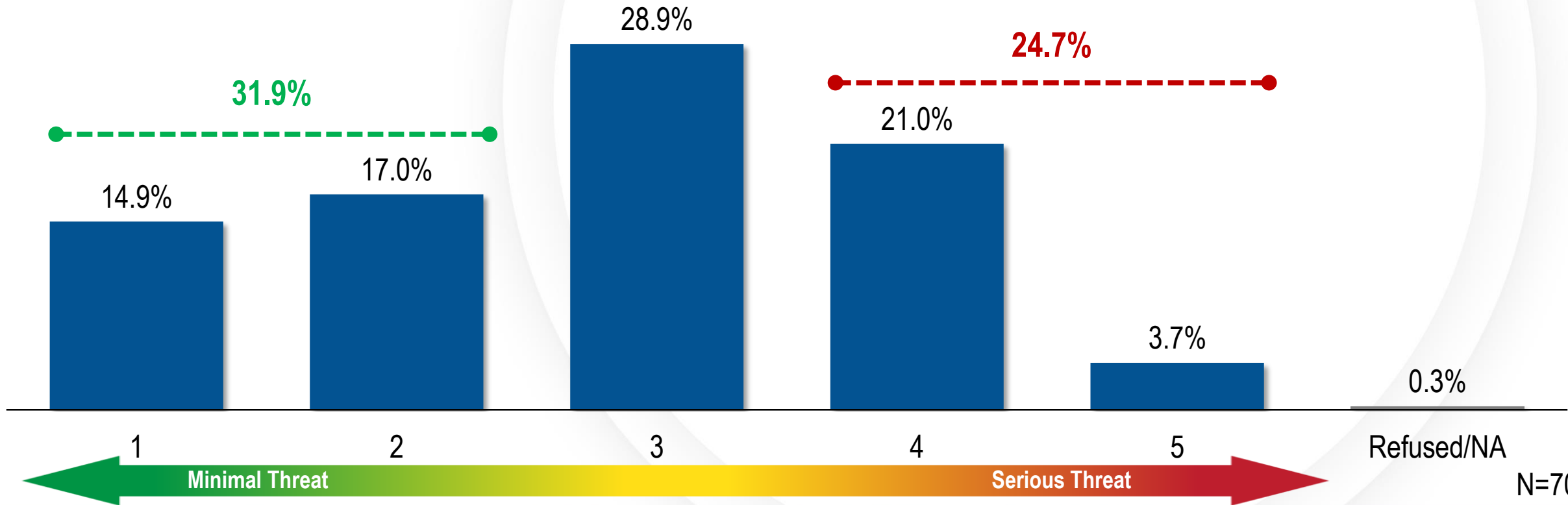
# Q3D: Please rank each weather-related danger in terms of the threat to the local community. Extreme Heat





# Q3E: Please rank each weather-related danger in terms of the threat to the local community. Fire/Lightning

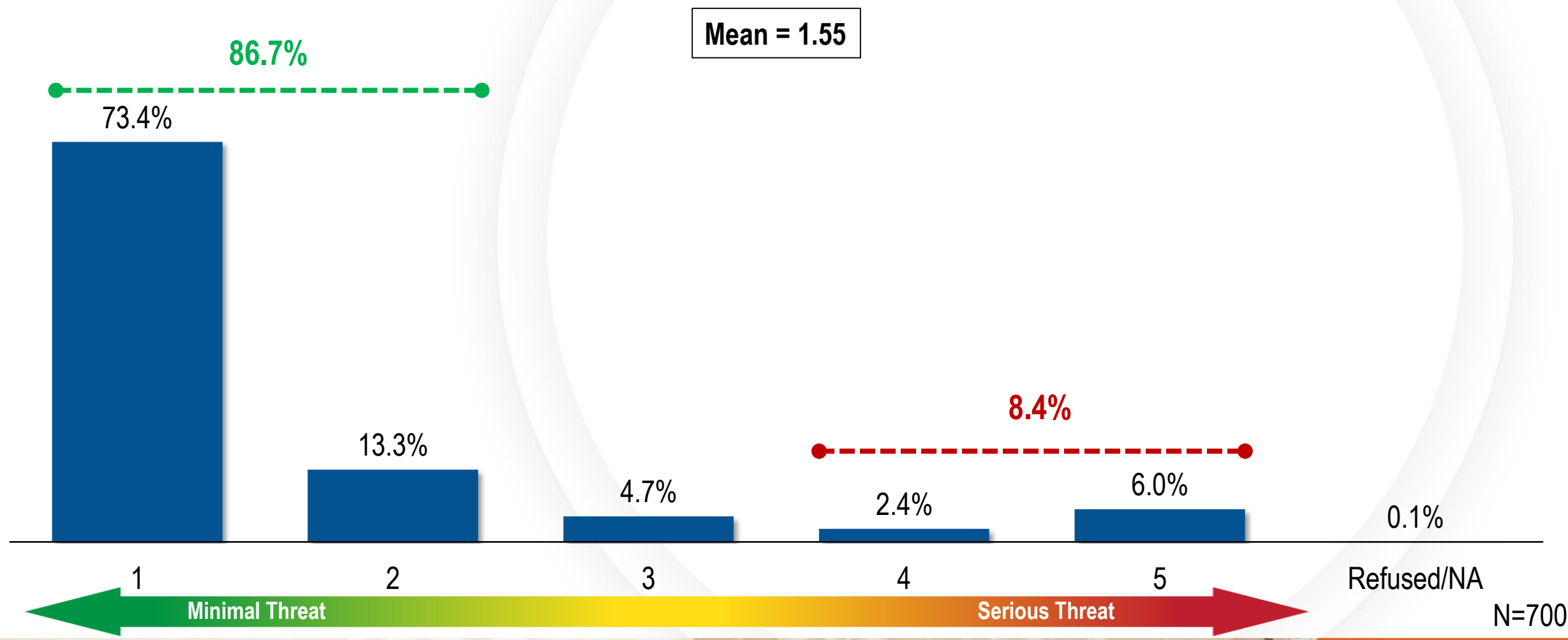
Mean = 3.12



N=700

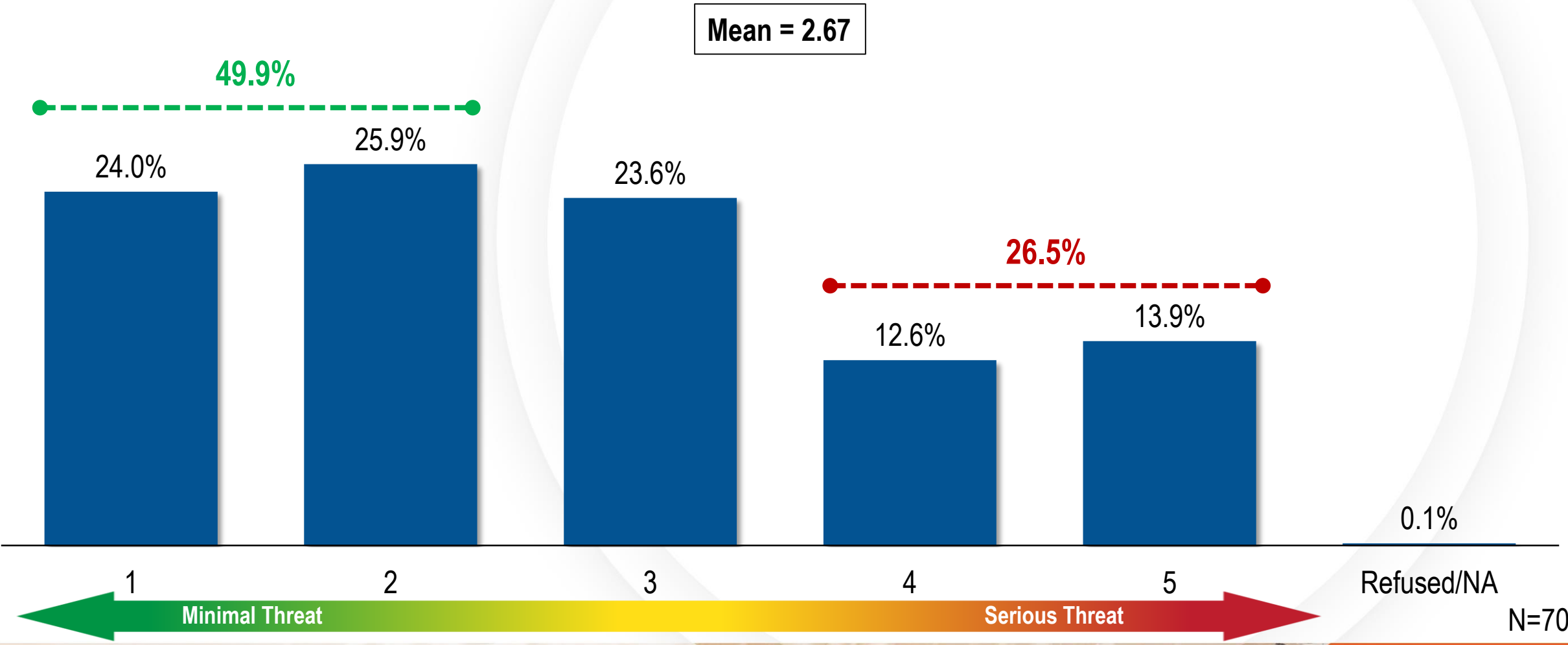


# Q3F: Please rank each weather-related danger in terms of the threat to the local community. Tornados

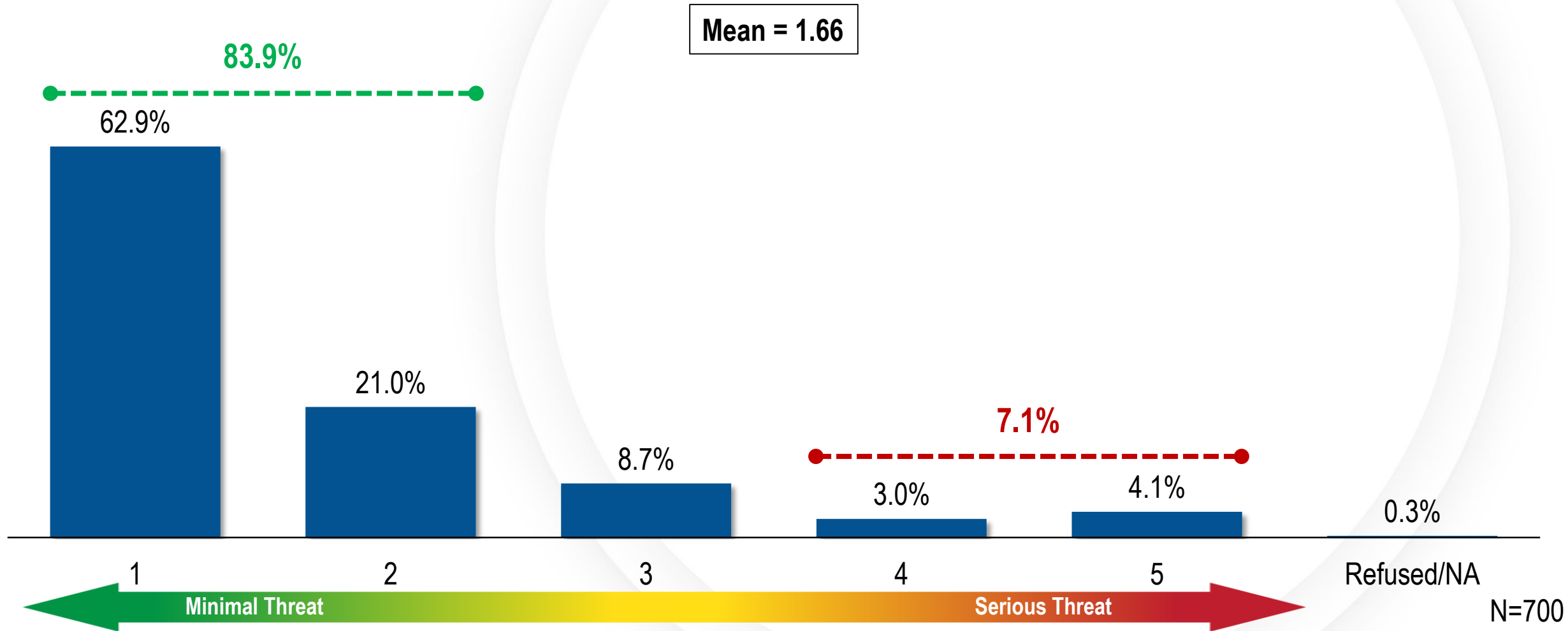


# Q3G: Please rank each weather-related danger in terms of the threat to the local community. Earthquakes

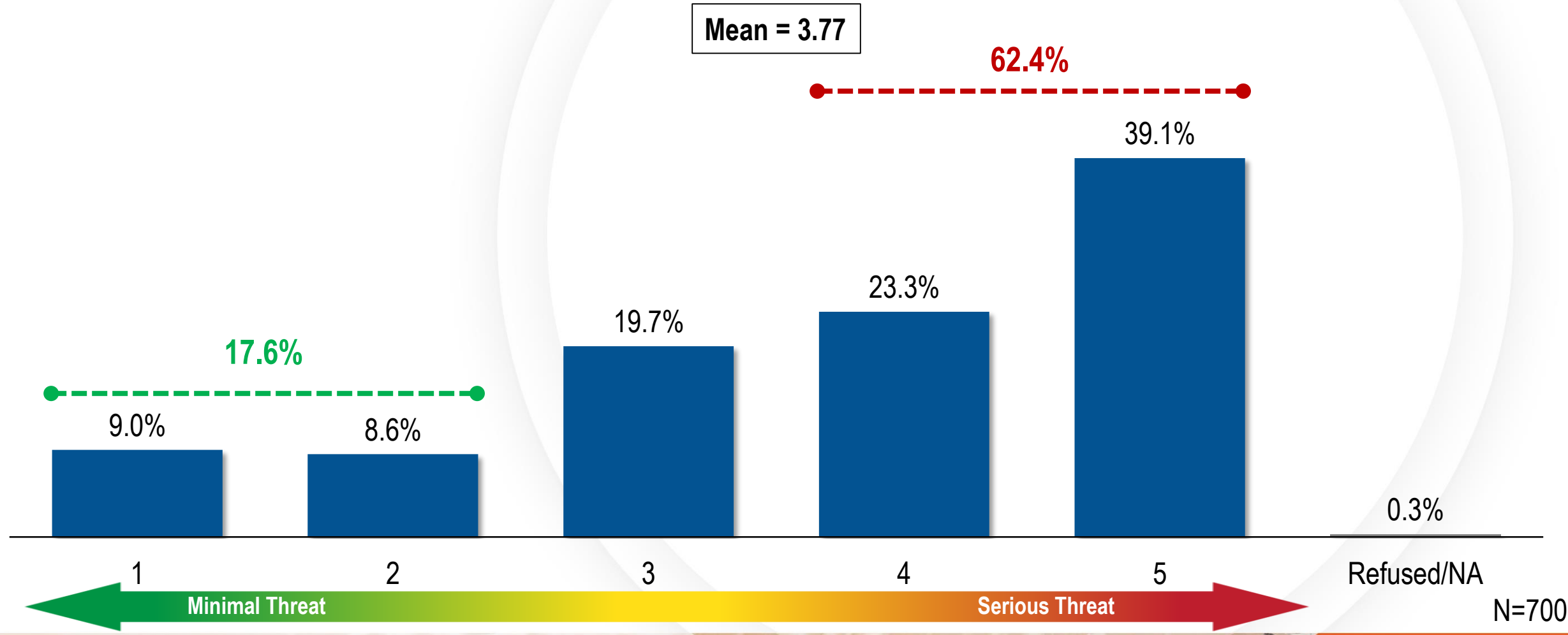
Mean = 2.67



# Q3H: Please rank each weather-related danger in terms of the threat to the local community. Snow Storms/Freezing



# Q3I: Please rank each weather-related danger in terms of the threat to the local community. Drought



# Q3 Series: Comparing Mean Score Historical Trend

(5=Serious Threat, 1=Minimal Threat)

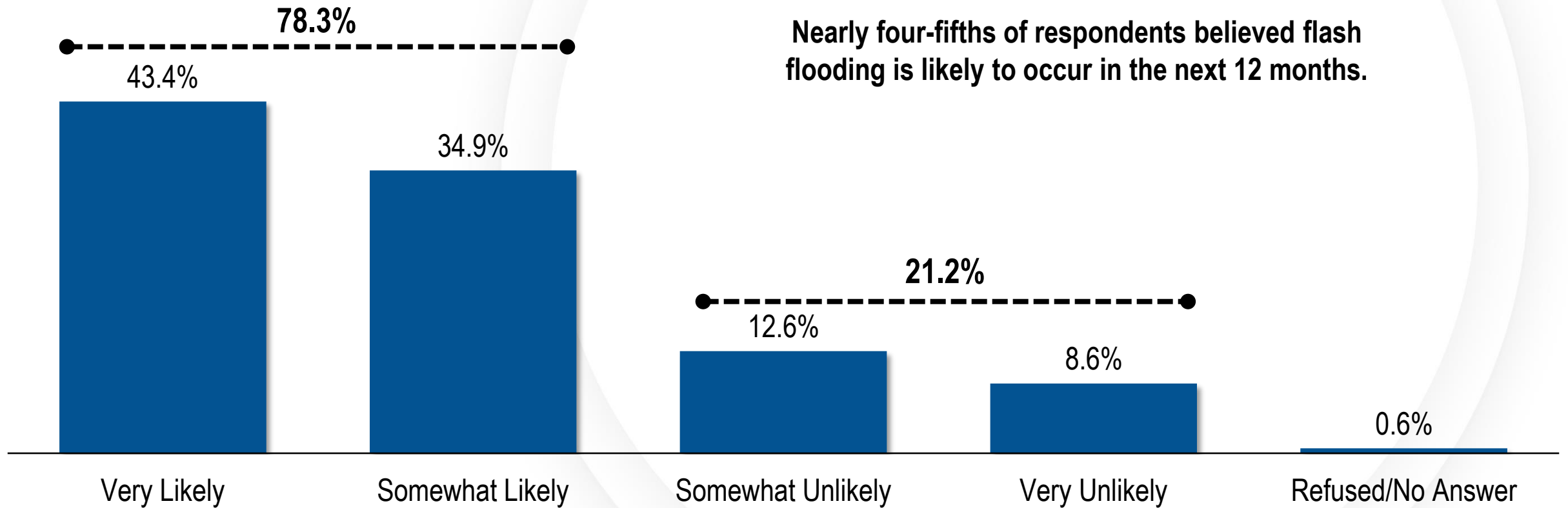
Weather-Related Danger	2019 Mean Score	2017 Mean Score
Extreme Heat	4.62	4.30
<b>Floods/Flash Floods</b>	<b>3.87</b>	<b>3.78</b>
Drought	3.77	3.63
Dust Storms/High Winds	3.65	3.64
Heavy Rain/Thunderstorms	3.31	3.09
Fire/Lightning	3.12	3.06
Earthquakes	2.67	2.32
Snow Storms/Freezing Conditions	1.66	1.67
Tornados	1.55	1.61

Note: Scores exclude respondents who did not answer the question.

# Q4: What is the first word that comes to mind when you hear “flash flooding”?



# Q5: How likely is it that flash flooding will occur in Clark County during the next 12 months?

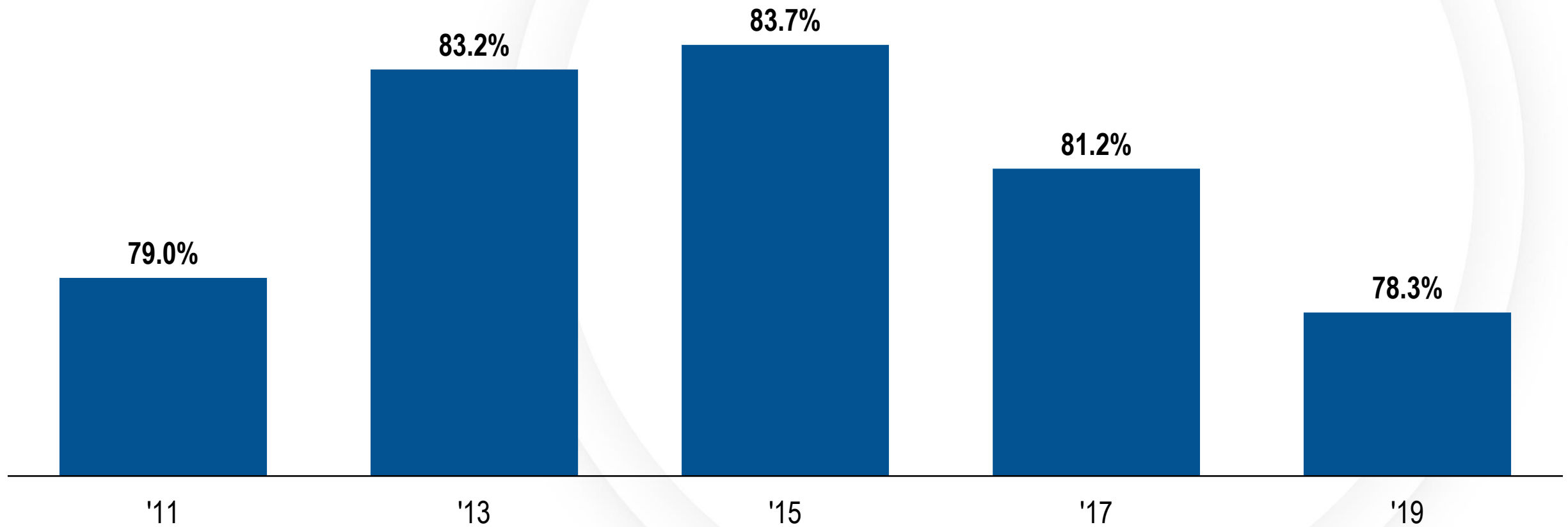


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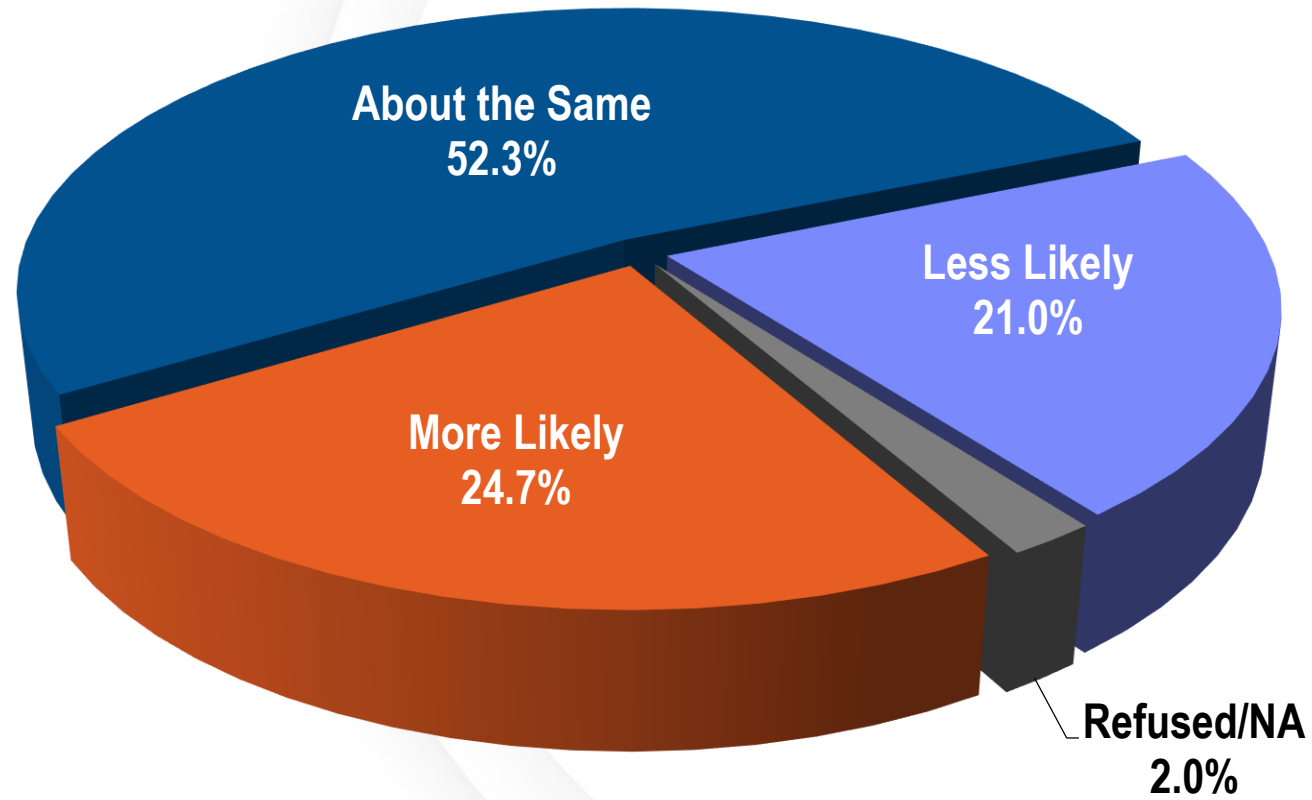




# Q5: How likely is it that flash flooding will occur in Clark County during the next 12 months? Historical Trend (Likely)



# Q6: How likely is flash flooding in Clark County compared to 10 years ago?



Nearly one-fourth of respondents indicated that it was “more likely” to flood in Clark County now than 10 years ago.

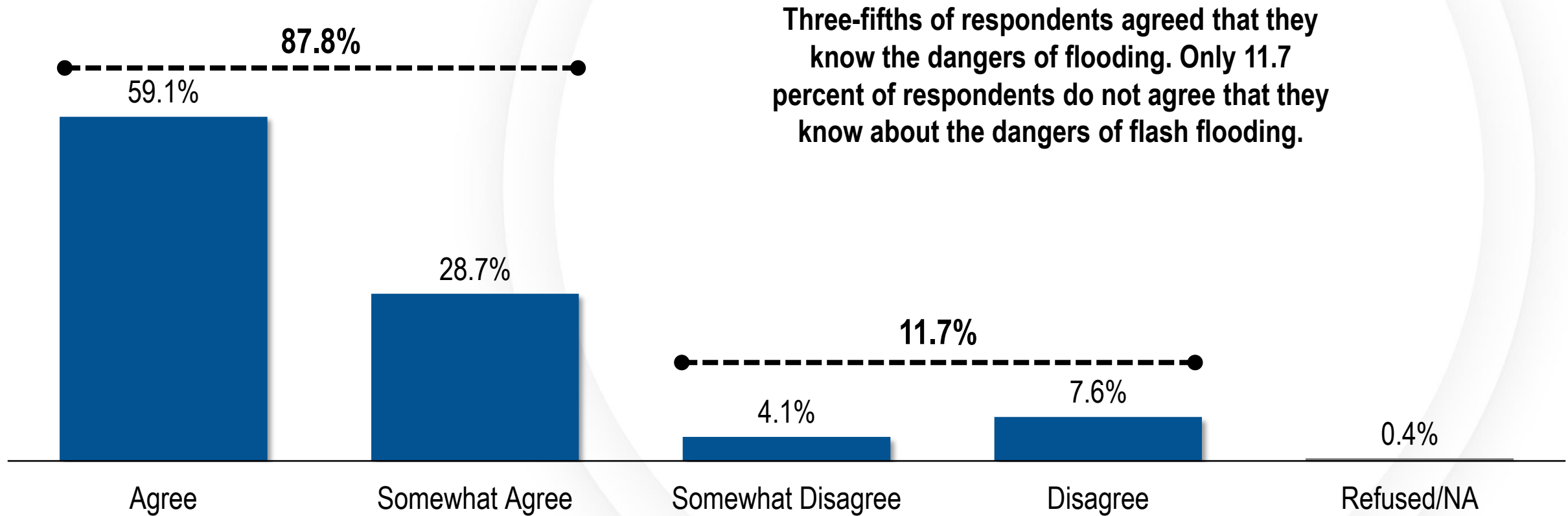
N=700

# Q7: What is the first word that comes to mind when you hear “Clark County Regional Flood Control District”?



## Q8A: Agree or Disagree?

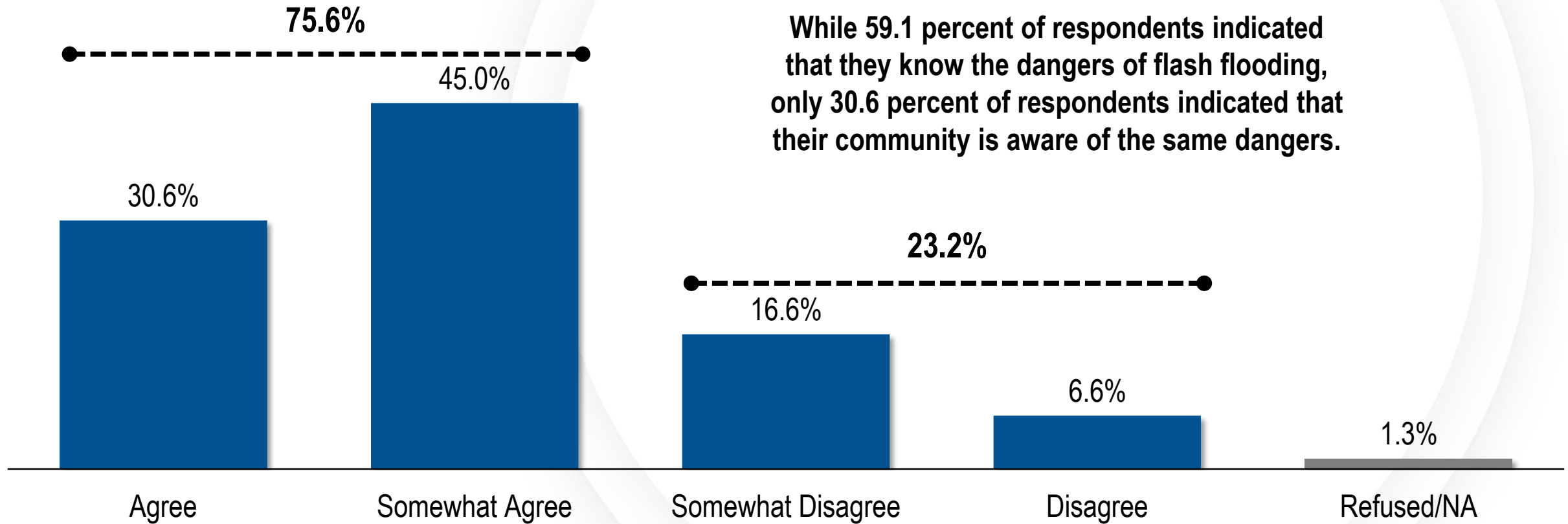
***“I know about the dangers of flash flooding.”***



N=700

## Q8B: Agree or Disagree?

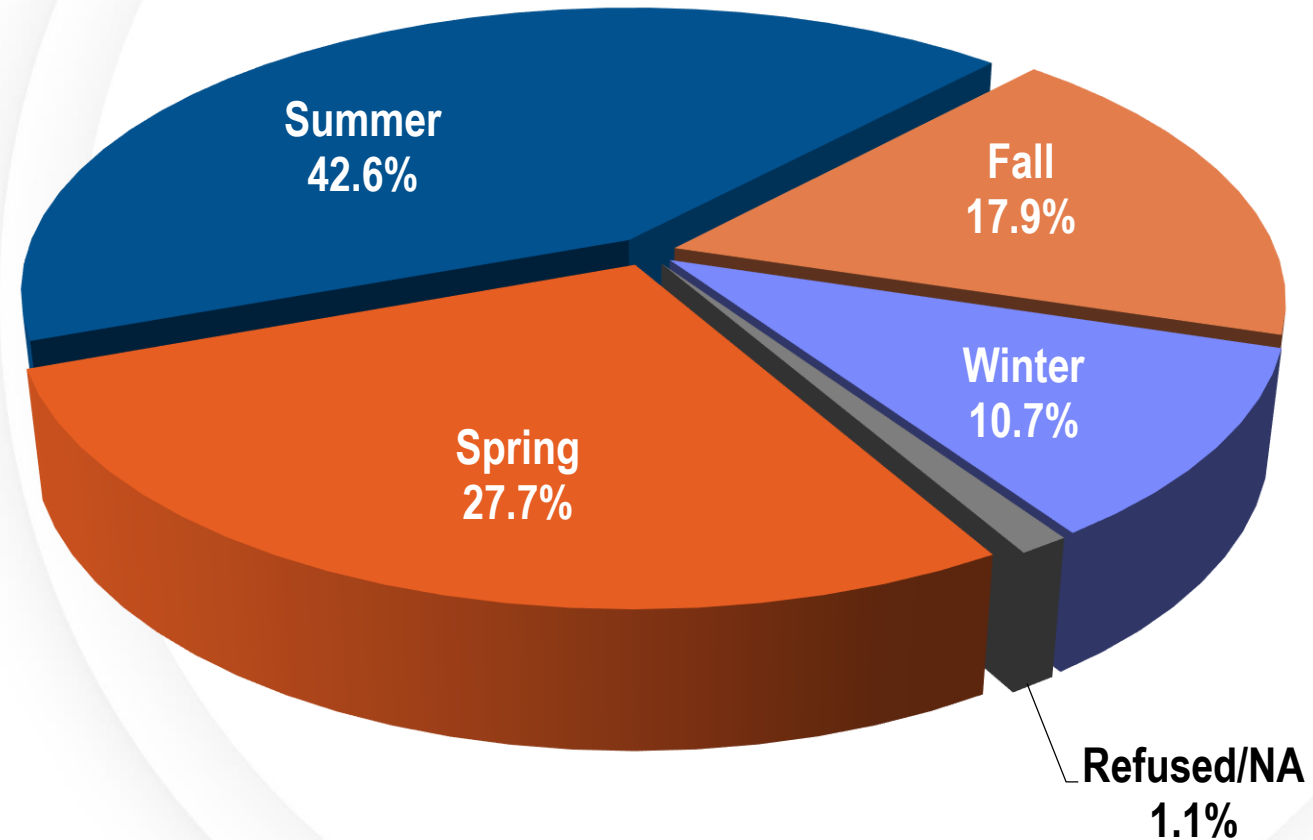
***“I believe that the people in my community, my friends and my neighbors know about the dangers of flash flooding.”***



N=700

## Q9: In what season is flash flooding most likely to occur?

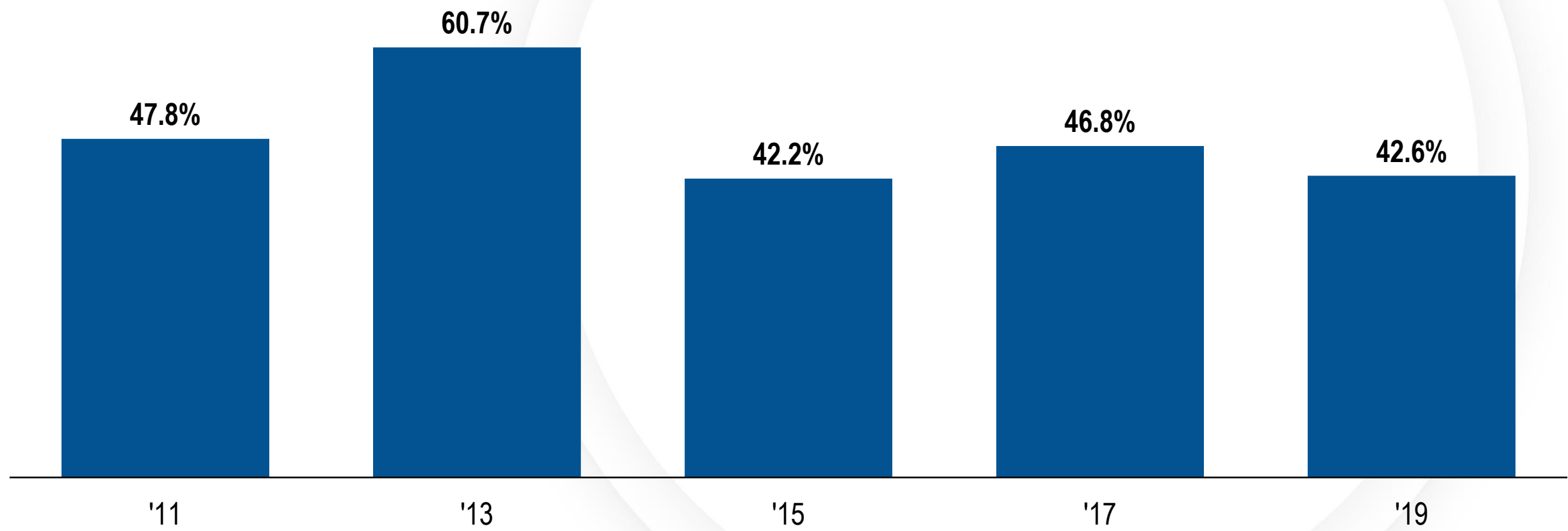
Most respondents believe flash flooding is most likely to occur in the summer season (42.6 percent), followed by spring (27.7 percent), fall (17.9 percent) and winter (10.7 percent).



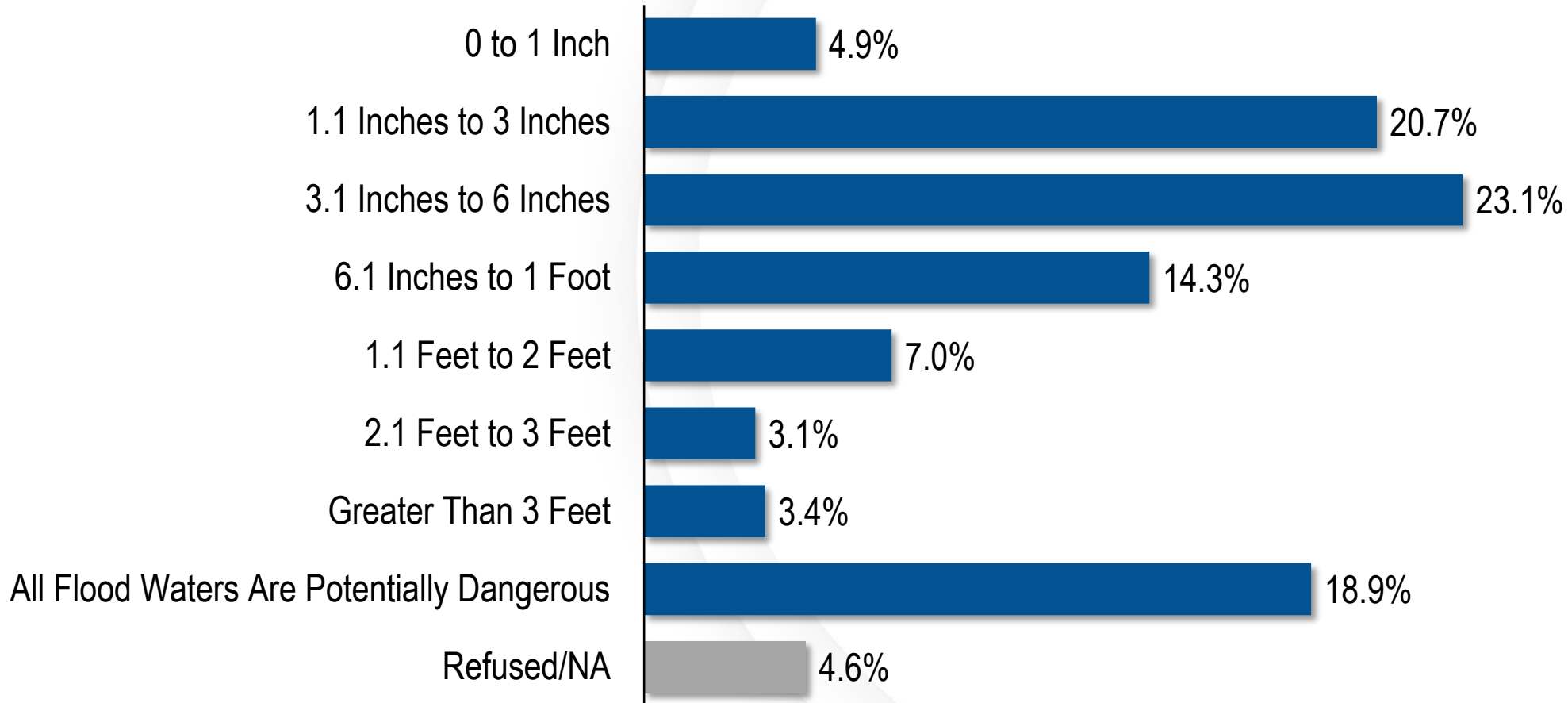
N=700

# Q9: In what season is flash flooding most likely to occur?

## Historical Trend (Summer)



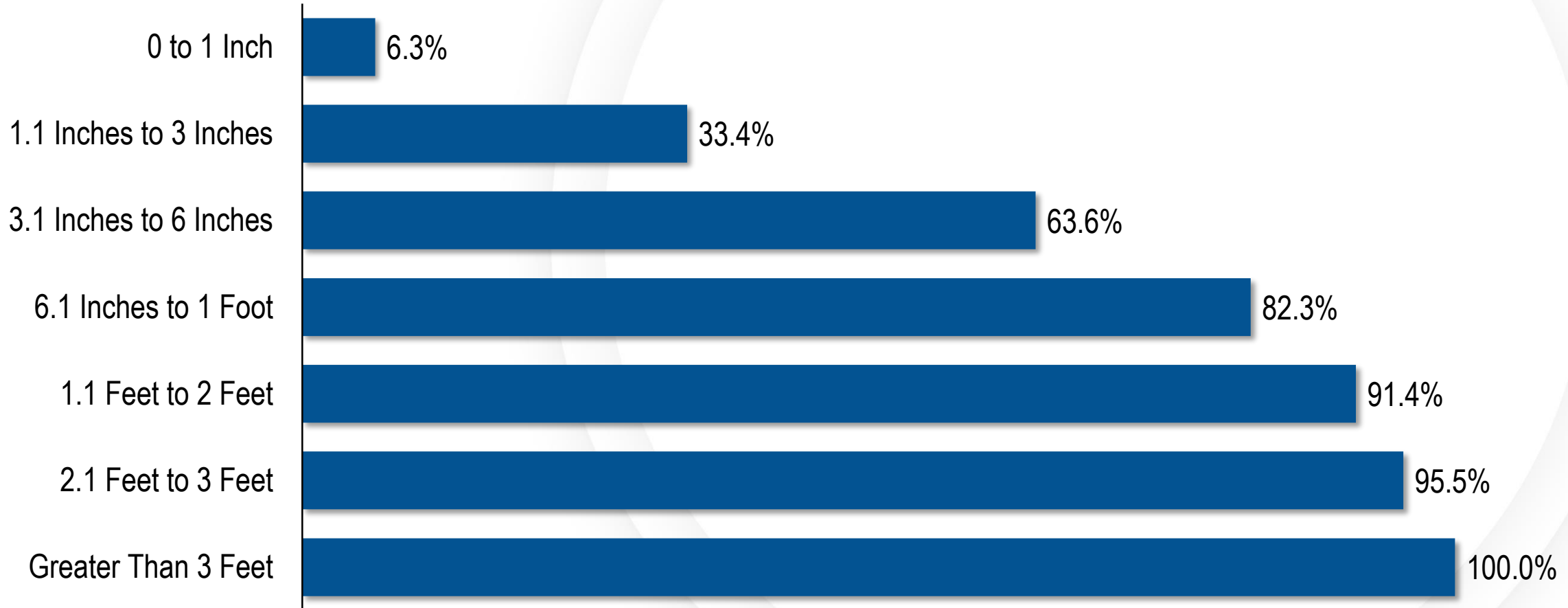
# Q10: About how deep do flood waters need to be to become dangerous?



N=700



# Q10: About how deep do flood waters need to be to become dangerous? Cumulative Percentages

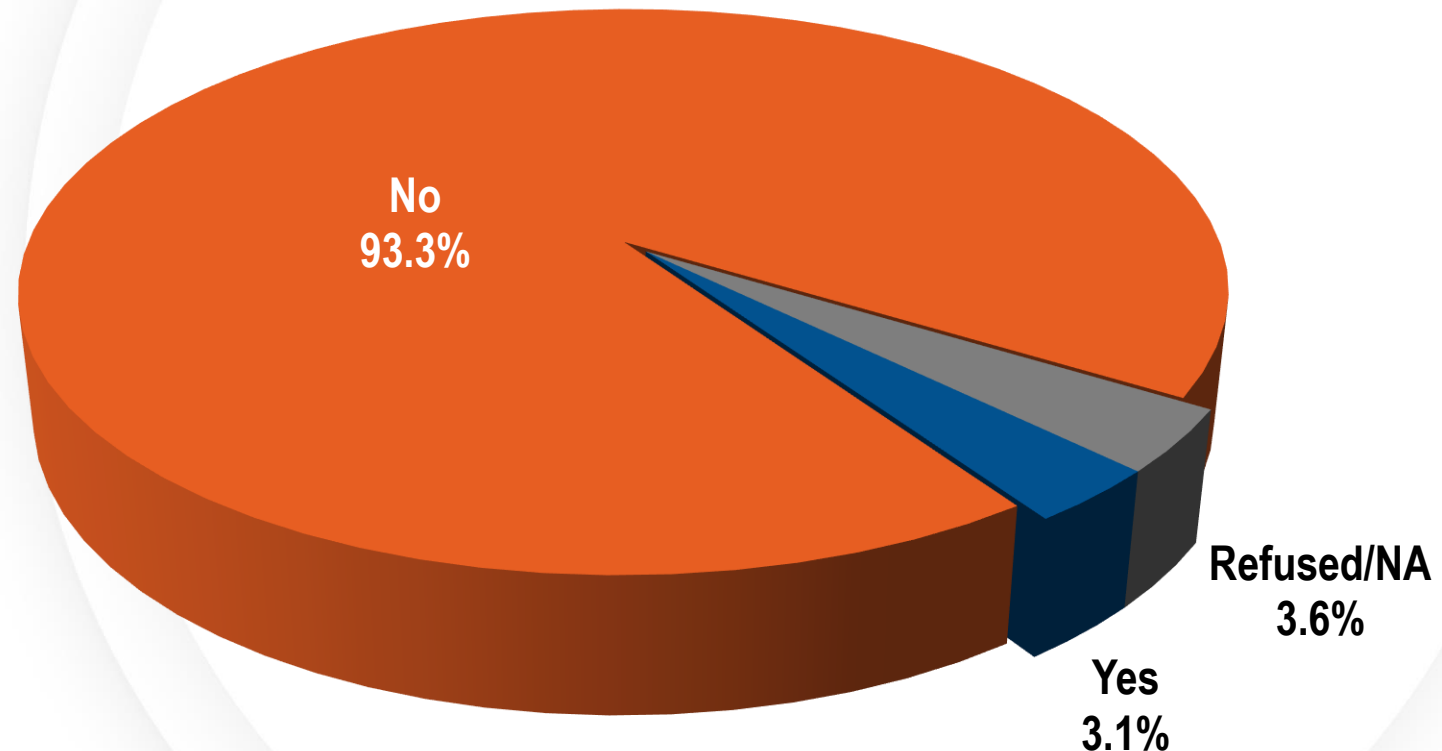


N=441



# Q10.1: Is it safe for children to play in flood channels when it is not raining?

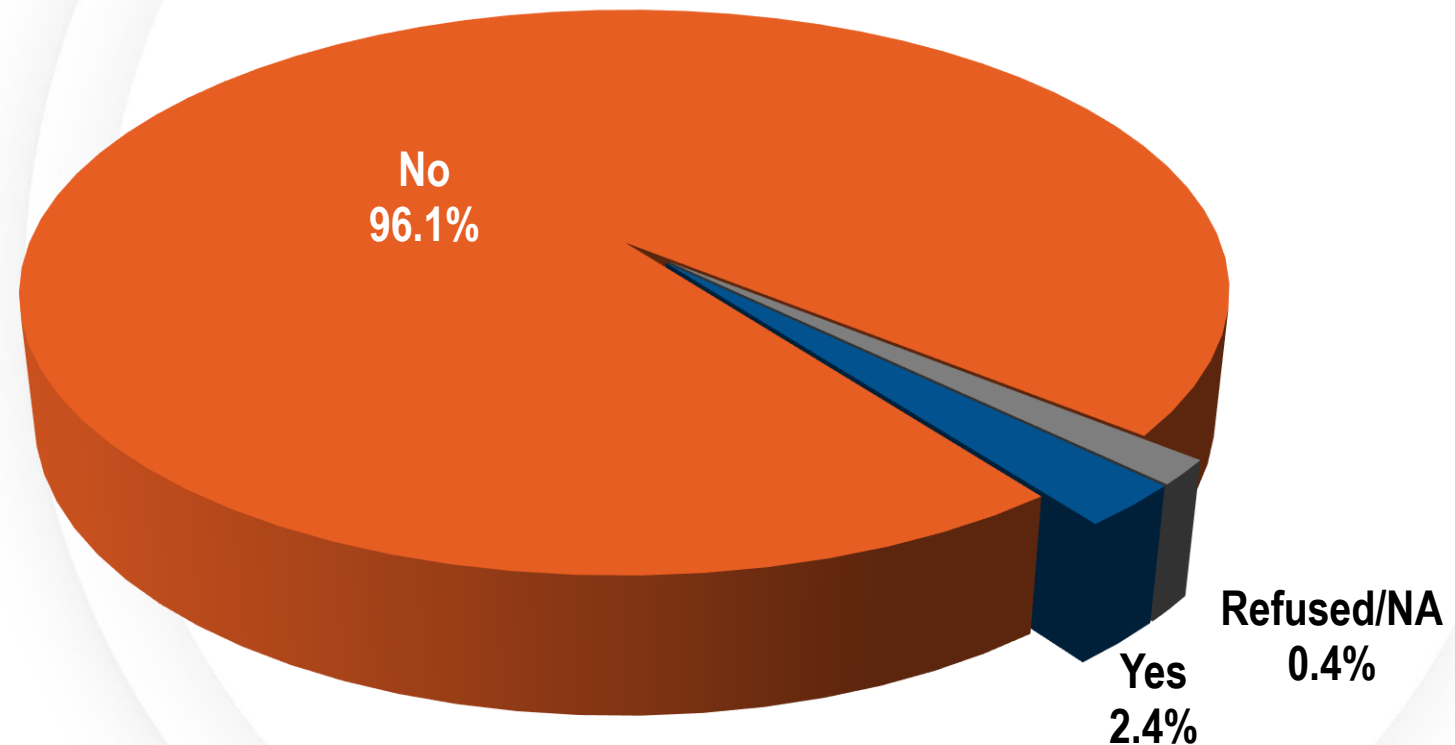
Nine out of every ten respondents do not think it is safe for children to play in flood channels when it is not raining.



N=700

## Q10.2: Is it safe for children to play in flood channels when it is raining only lightly?

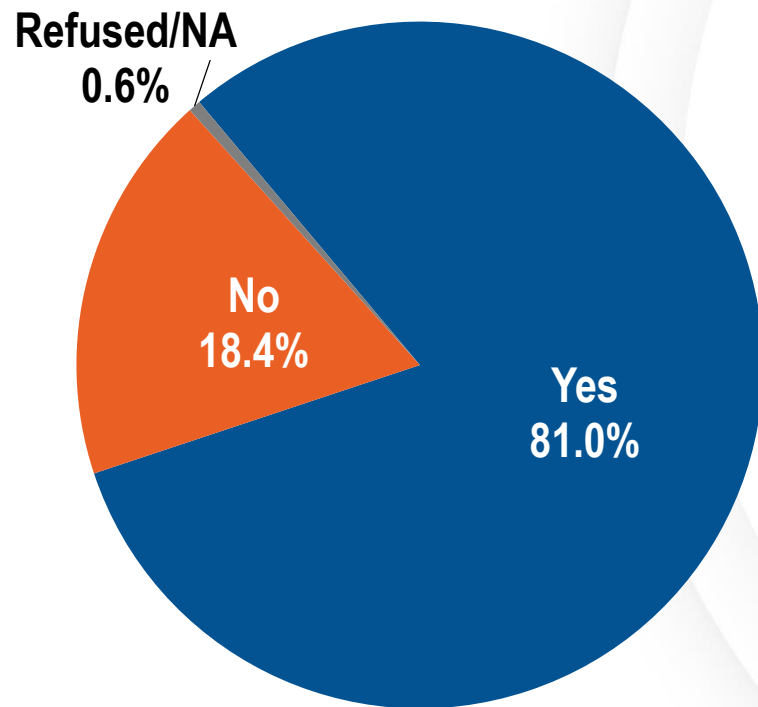
Similarly, a large majority of respondents do not believe it is safe for children to play in flood channels when it is only lightly raining.



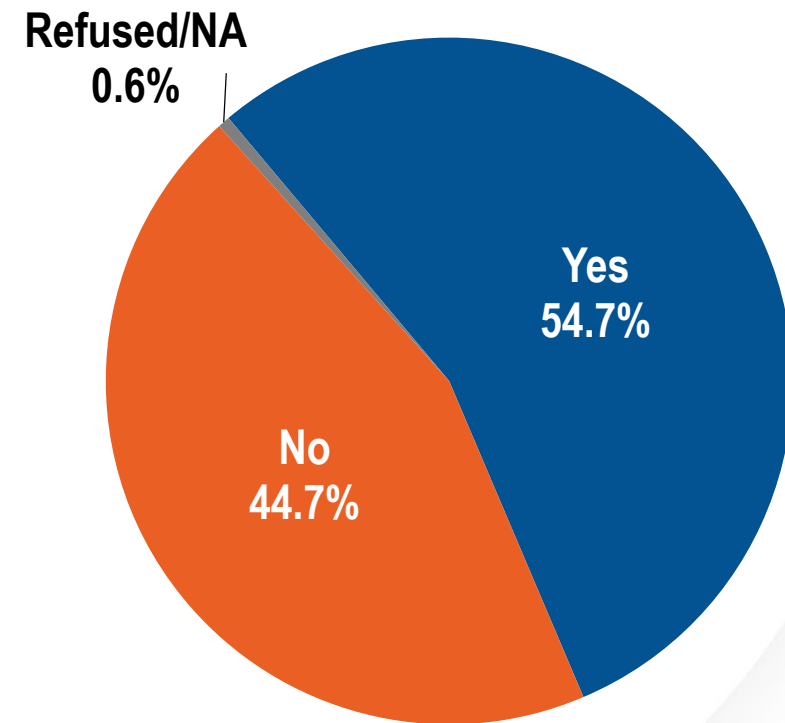
N=700

# Q11A&B: Do you recall learning about the dangers of flash flooding from the following sources?

## A. Television



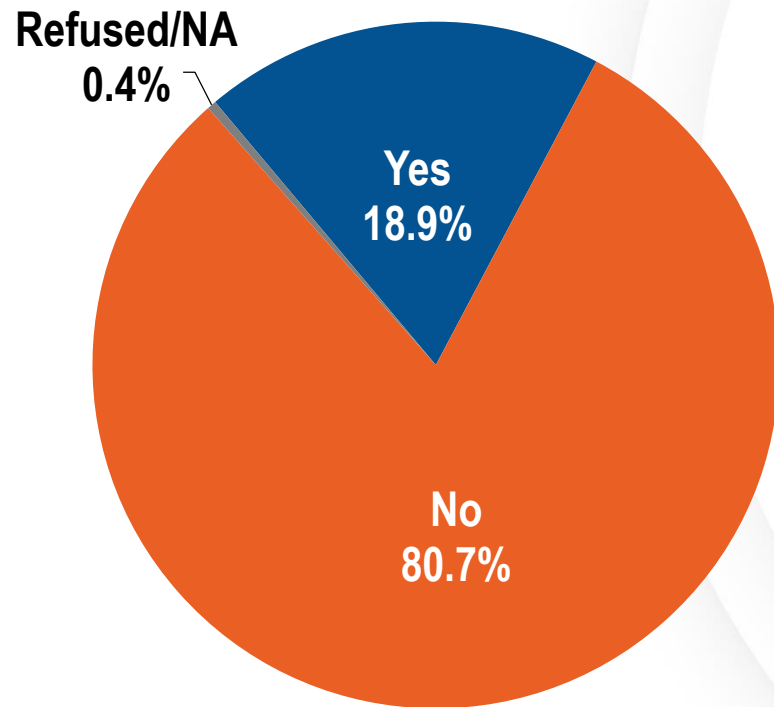
## B. Radio



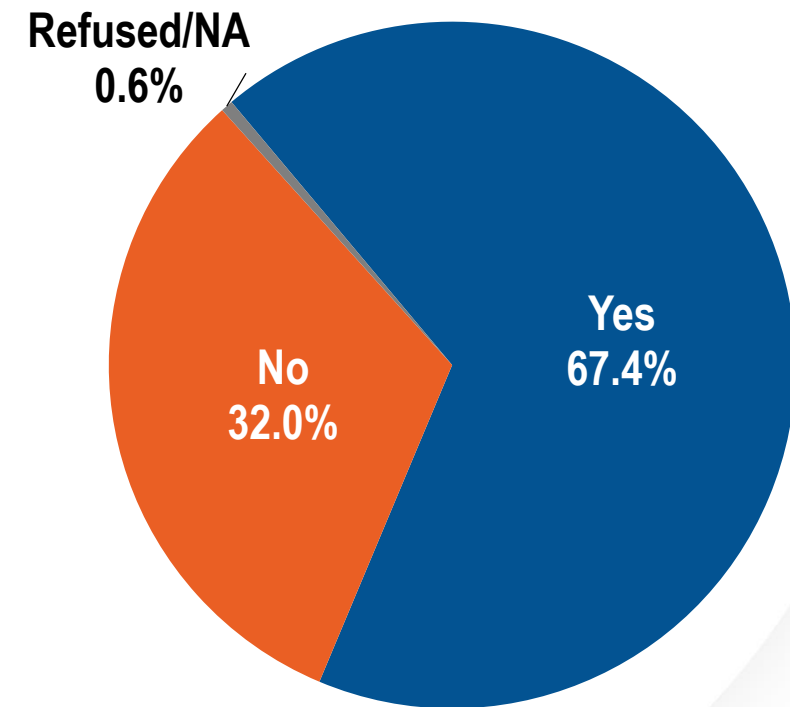
N=700

# Q11C&D: Do you recall learning about the dangers of flash flooding from the following sources?

## C. Magazine/Newspaper Ads



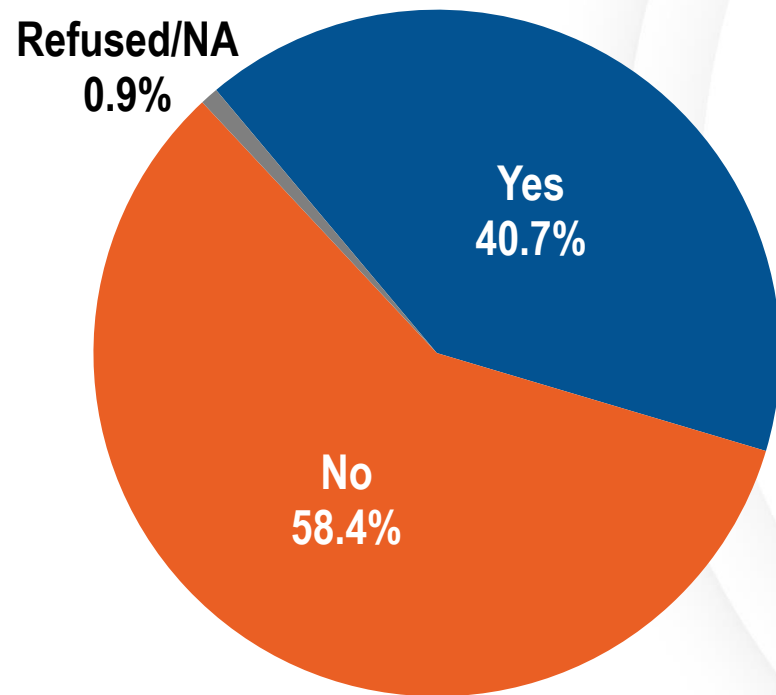
## D. News Reports



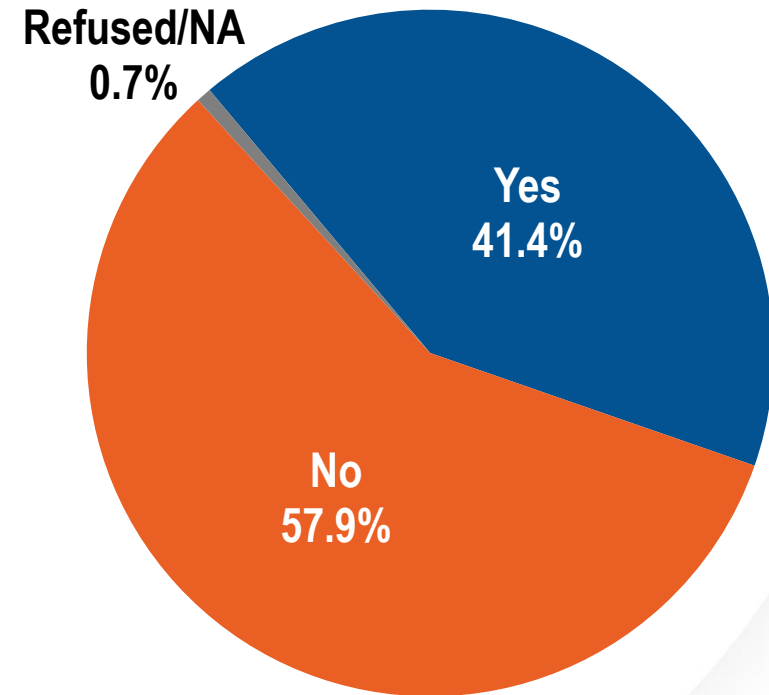
N=700

# Q11E&F: Do you recall learning about the dangers of flash flooding from the following sources?

## E. Internet/Flood Dist. Website



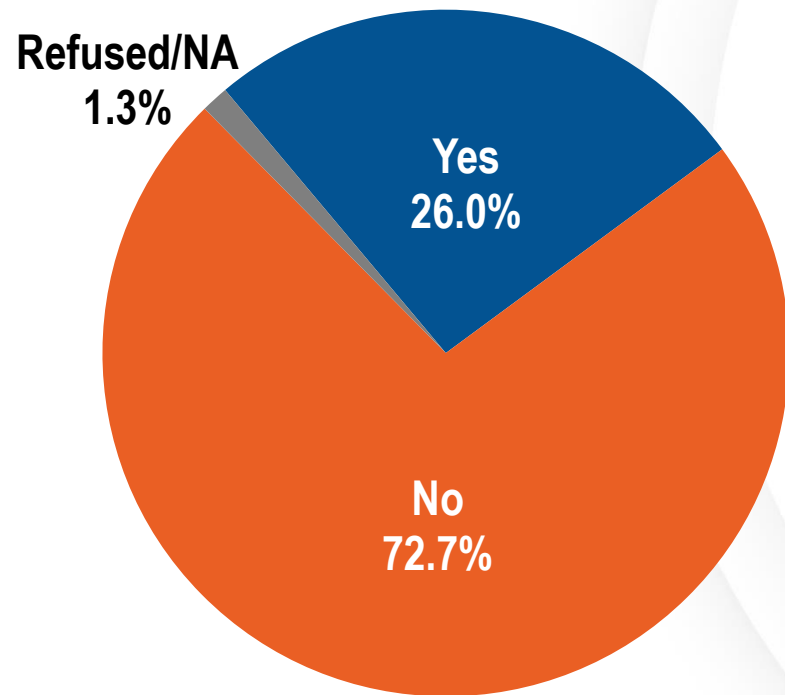
## F. Social Media Outlets



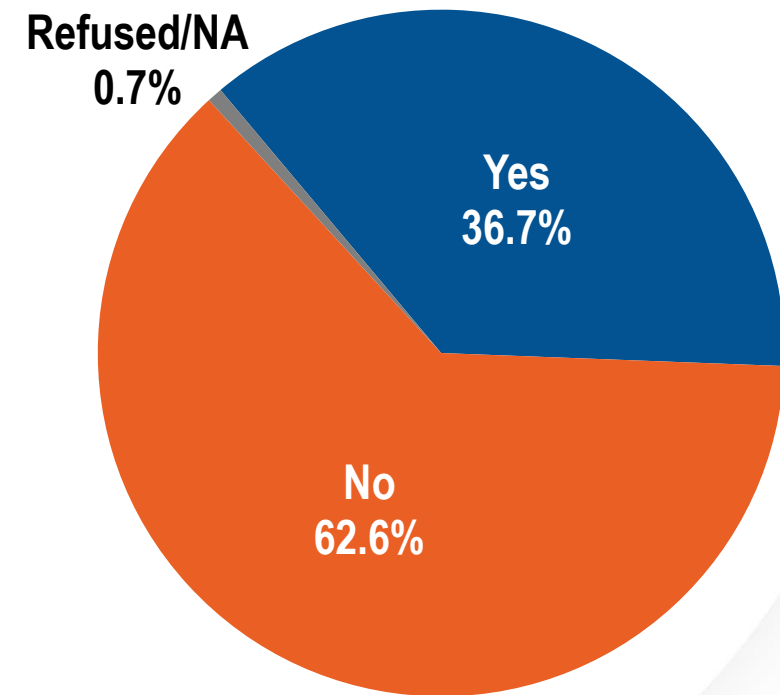
N=700

# Q11G&H: Do you recall learning about the dangers of flash flooding from the following sources?

## G. Flood District Web App



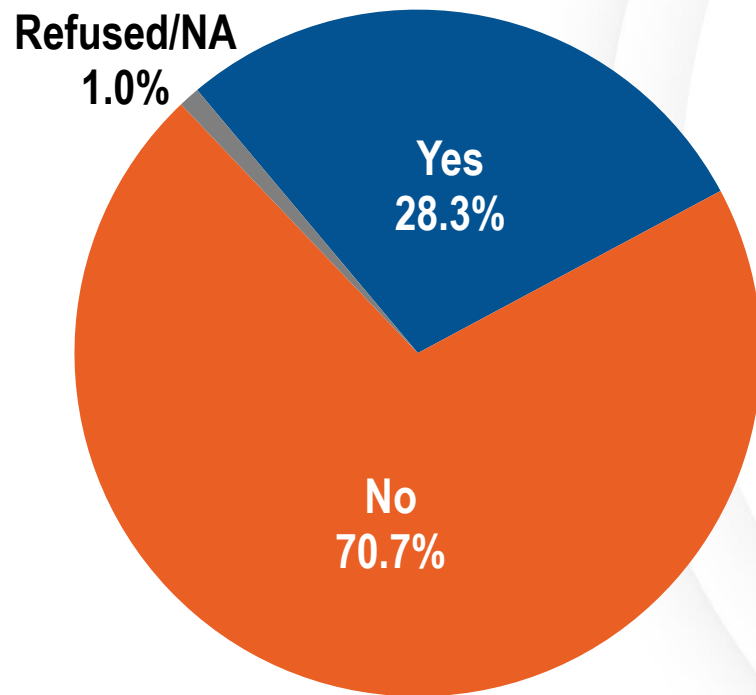
## H. Billboards



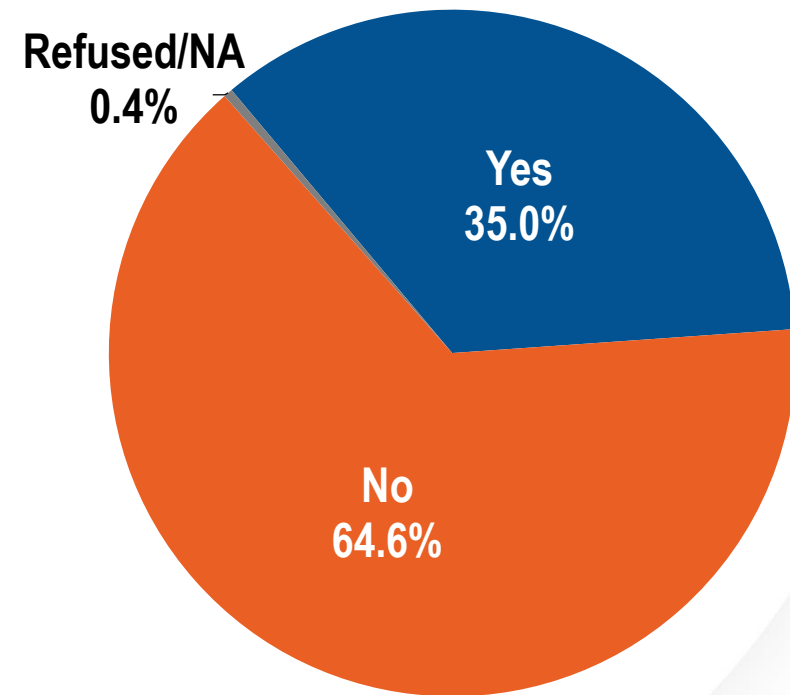
N=700

# Q11I&J: Do you recall learning about the dangers of flash flooding from the following sources?

## I. School



## J. Friends/Relatives

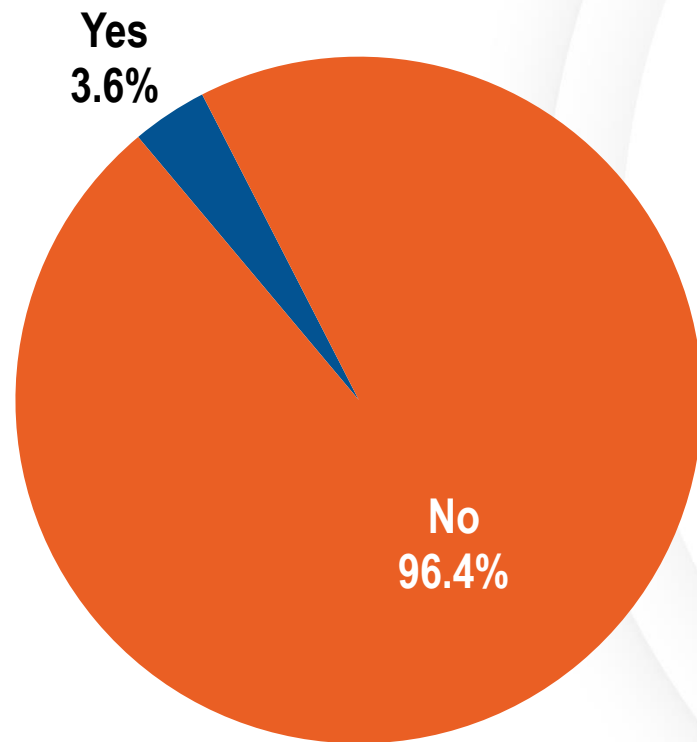


N=700

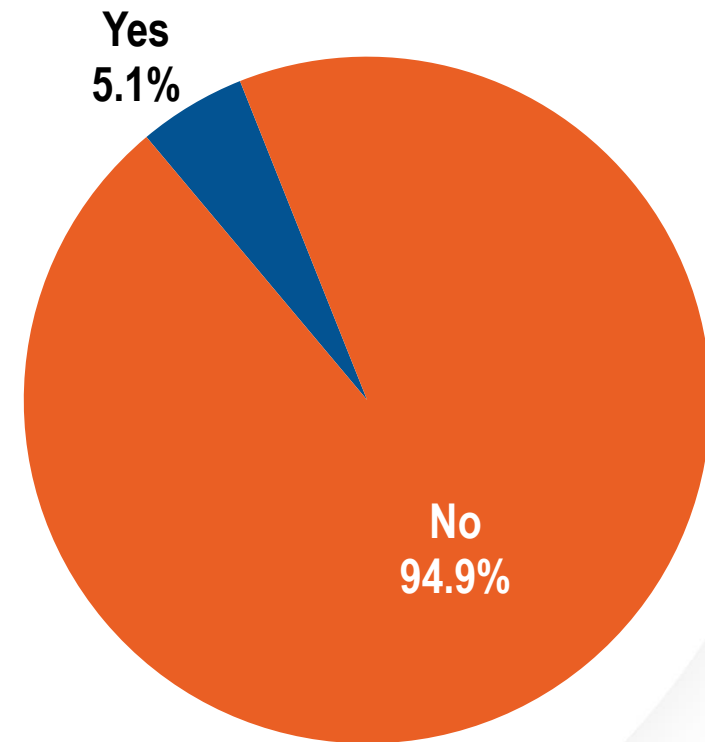


# Q11K&L: Do you recall learning about the dangers of flash flooding from the following sources?

## K. Experience



## L. Other Source



N=700

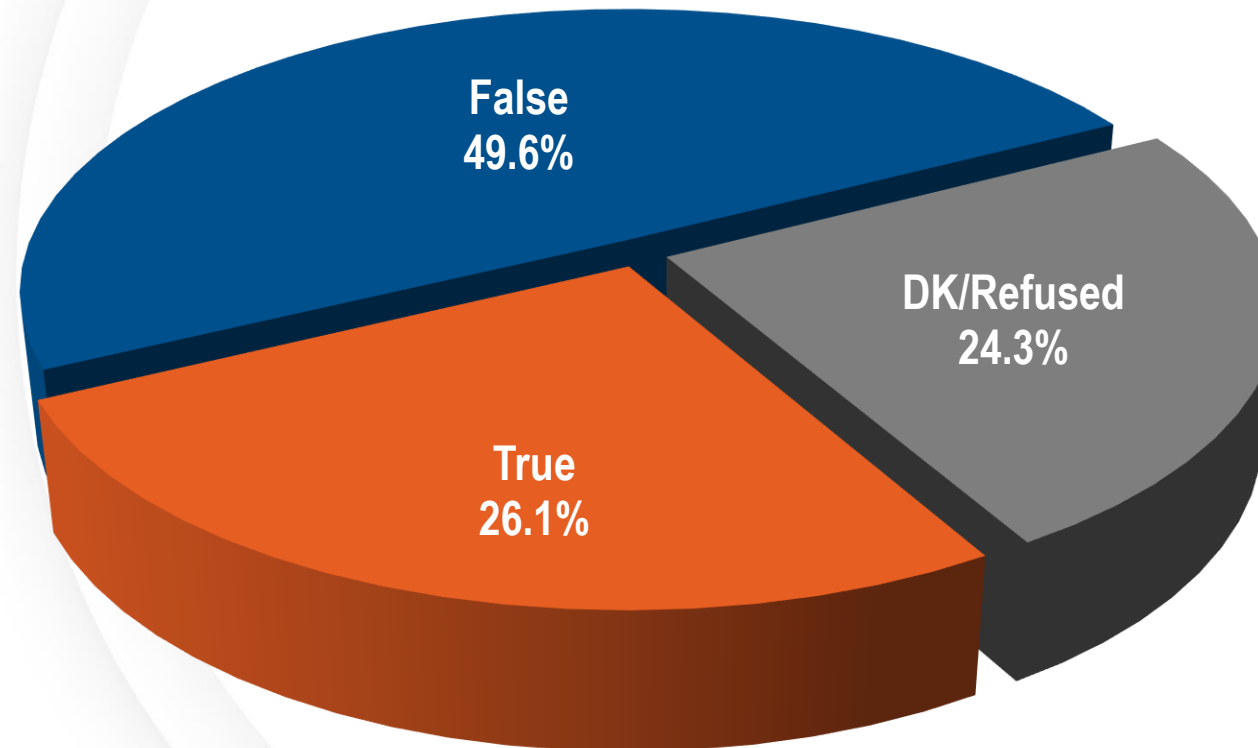
# Q11: Do you recall learning about the dangers of flash flooding from the following sources? Yes Responses

Source	2019	2017
Television	81.0%	90.3%
News Reports	67.4%	88.2%
Radio	54.7%	73.4%
Social Media Outlets (e.g., Twitter or Facebook)	41.4%	53.3%
Internet/Flood District Website	40.7%	54.8%
Billboards	36.7%	60.3%
Friends/Relatives	35.0%	62.3%
School	28.3%	49.1%
The Flood District Web Application on a Mobile Device	26.0%	45.0%
Magazine/Newspaper Advertisements	18.9%	35.9%
Other	5.0%	7.6%

Note: Scores exclude respondents who did not answer the question.

# Q12A: True or False? Homeowners insurance generally covers homeowners from storm-related flood damage.

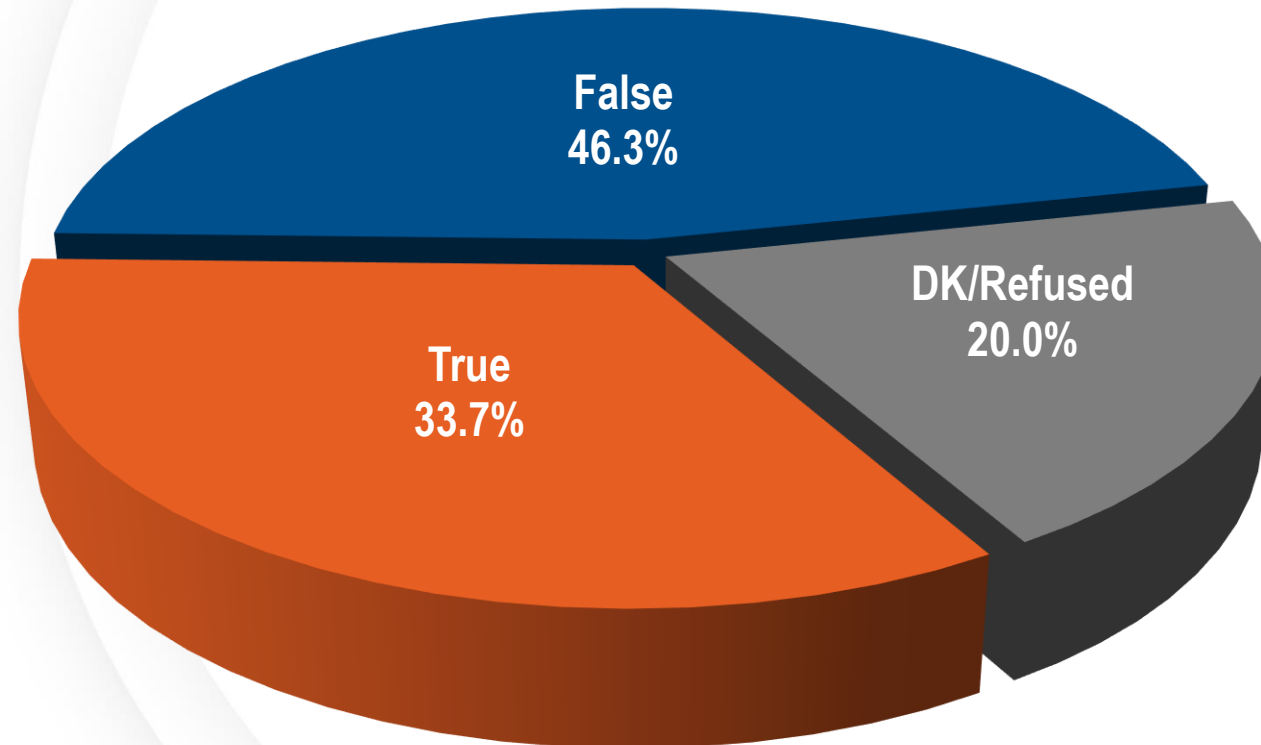
Only half of the respondents were knowledgeable that homeowners insurance does not cover storm-related flood damage.



N=700

# Q12B: True or False? Only people living in a high-risk flood zone are required to have flood insurance coverage.

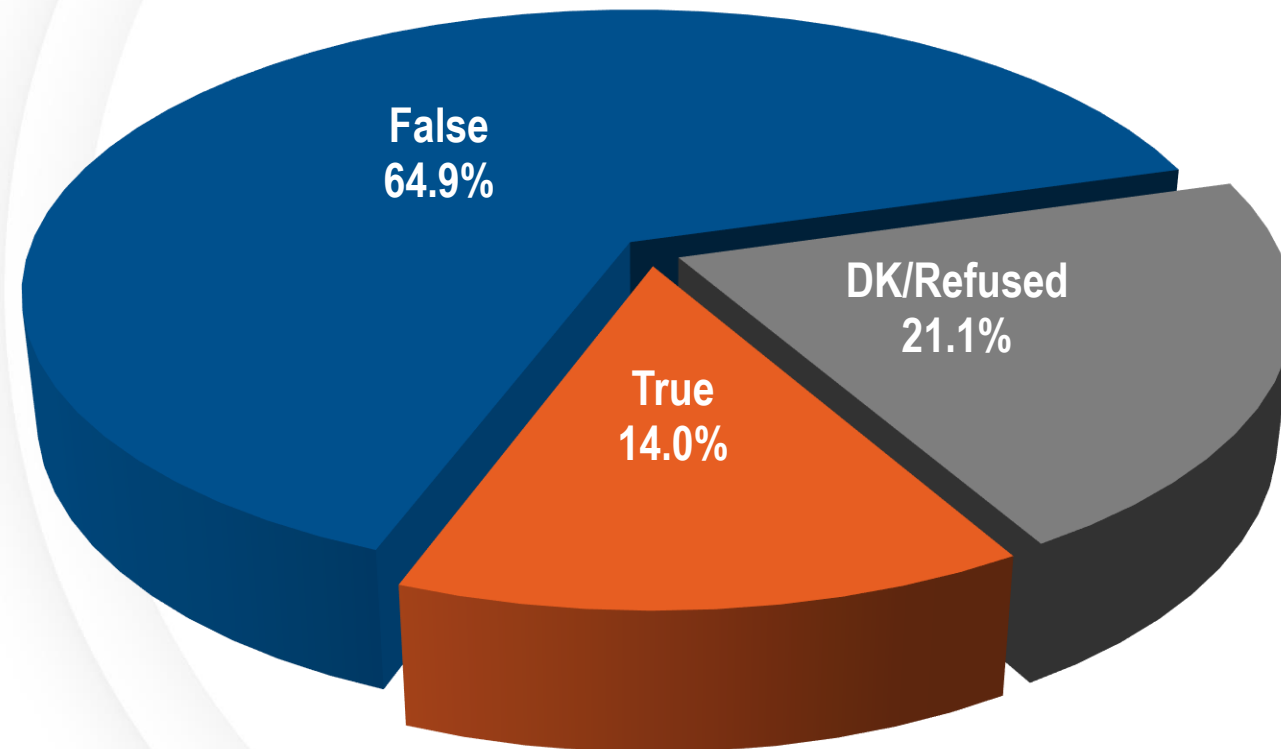
One-third of respondents believe that only people living in high-risk flood zones are required to have flood insurance.



N=700

# Q12C: True or False? Flood insurance is only available to those who live in a high-risk flood zone.

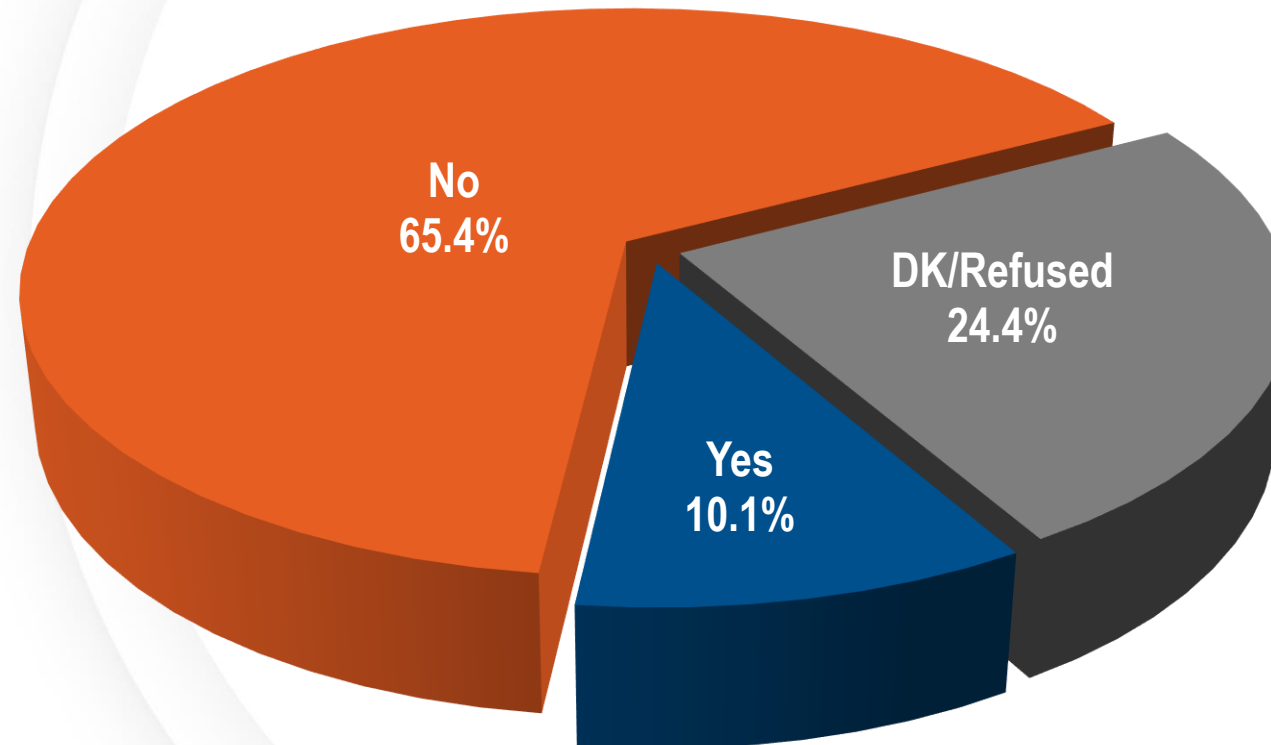
Nearly two-thirds of respondents were correct in indicating that flood insurance is available to anyone who wants it, whether they reside in the high-risk flood zone or not.



N=700

## Q13: Do you live in a high-risk flood zone?

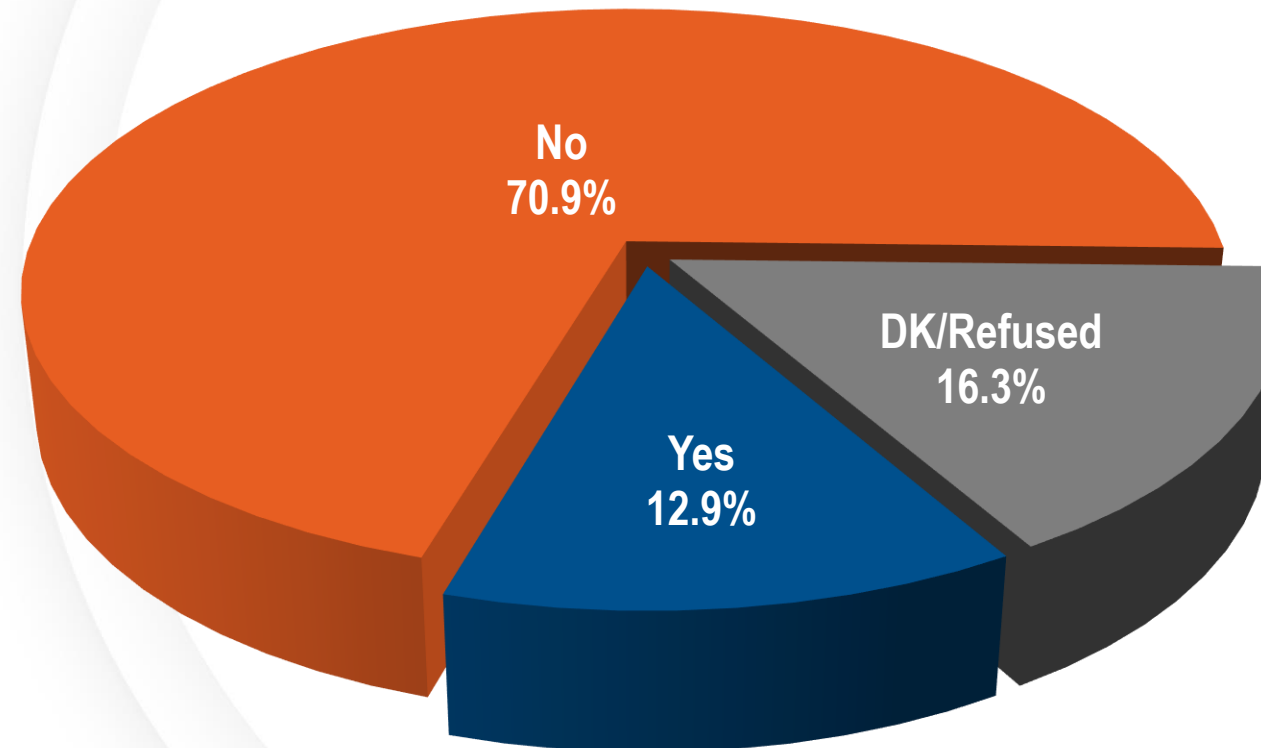
One out of every ten respondents lives in a high-risk flood zone.



N=700

# Q14: Do you currently carry flood insurance beyond what is or is not provided in your standard homeowner's or renter's policy?

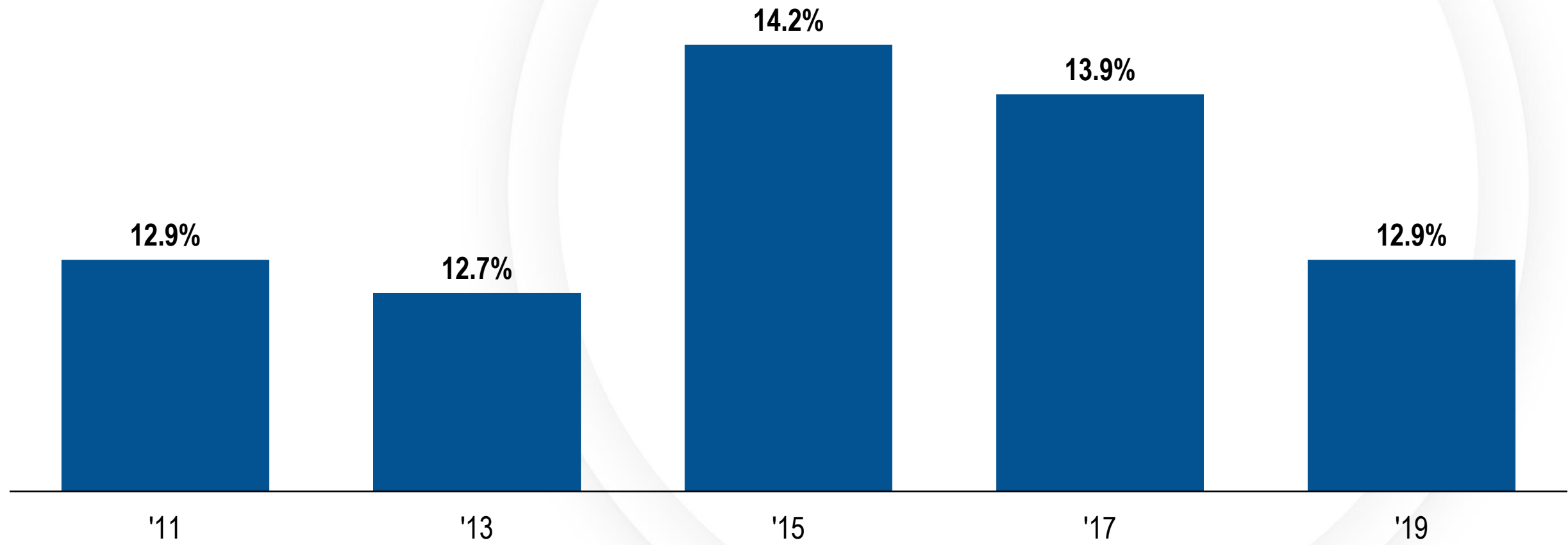
About 7 in 10 respondents do not have flood insurance.



N=700

# Q14: Do you currently carry flood insurance beyond what is or is not provided in your standard homeowner's or renter's policy?

## Historical Trend (Yes)





# Q15: Why don't you have flood insurance?

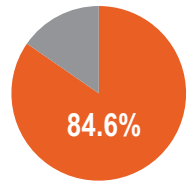
## Common Responses

- Do not live in a flood zone/low flood risk
- Do not own a home/renter
- Live on a mountain/safe zone/condominium
- Too expensive/can't afford it
- Haven't thought about it/never got around to it
- Not necessary
- Not available/not offered



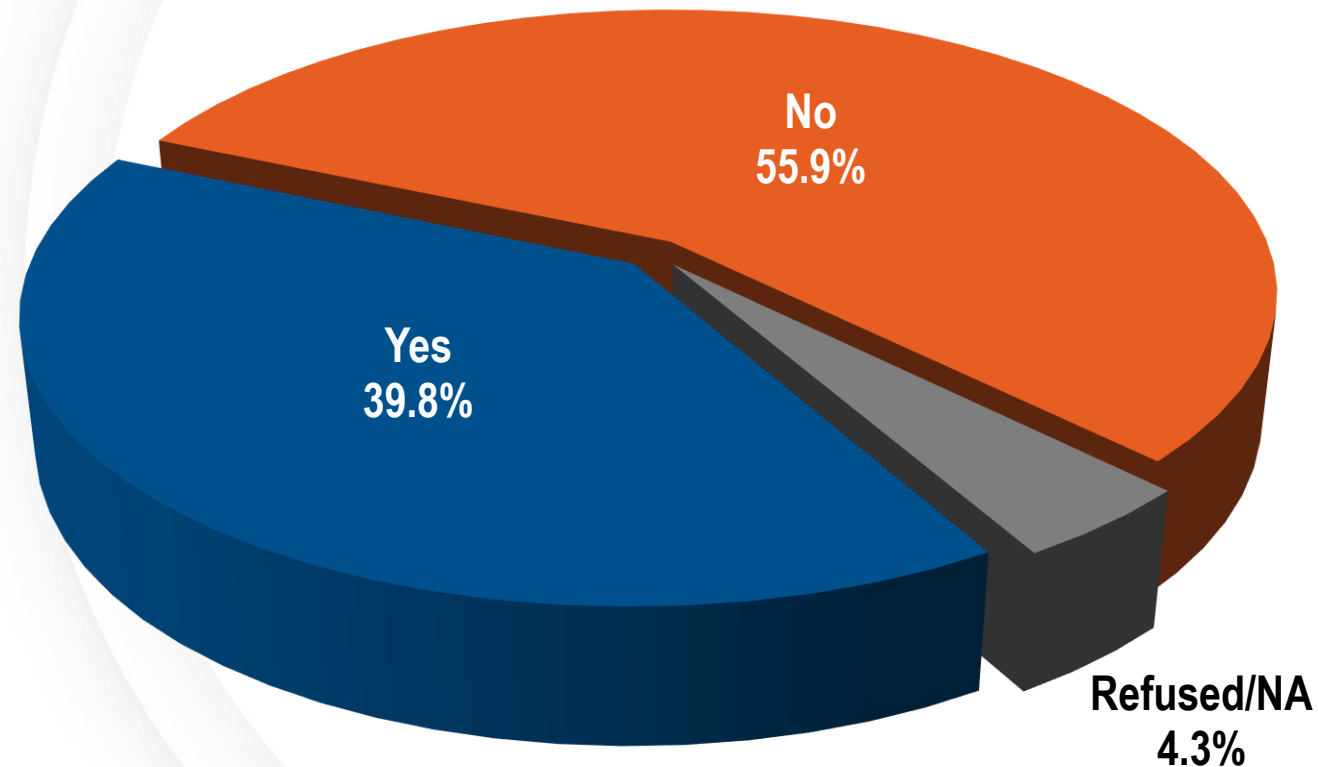
*Note: These comments reflect common responses.*

# Q16: Would you consider buying flood insurance if it would cost you about a dollar per day?



Those who did not respond "yes" to Q14

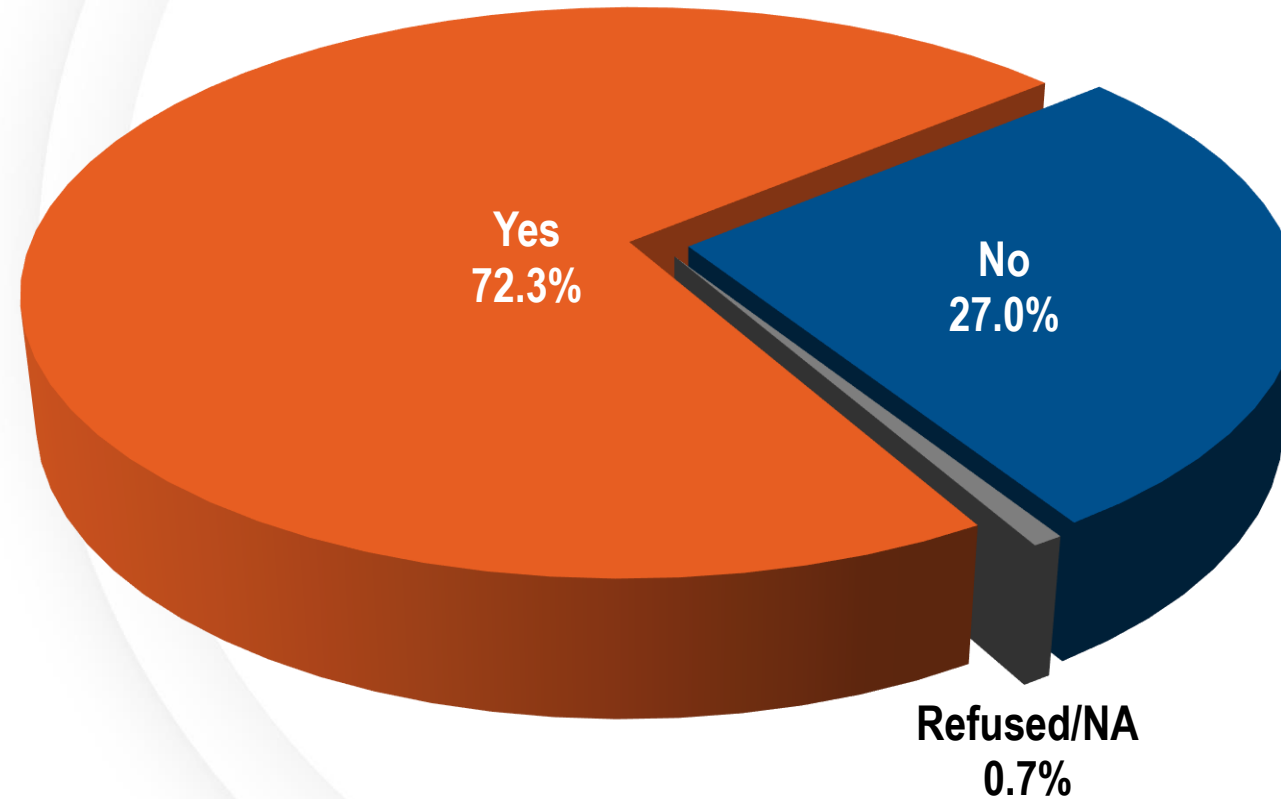
Of those who do not currently carry flood insurance, over half said they would still not consider purchasing flood insurance if it cost about a dollar per day.



N=610

# Q17: Have you ever encountered a flooded street while in a vehicle?

Nearly three-fourths of respondents have encountered a flooded street while in a vehicle.

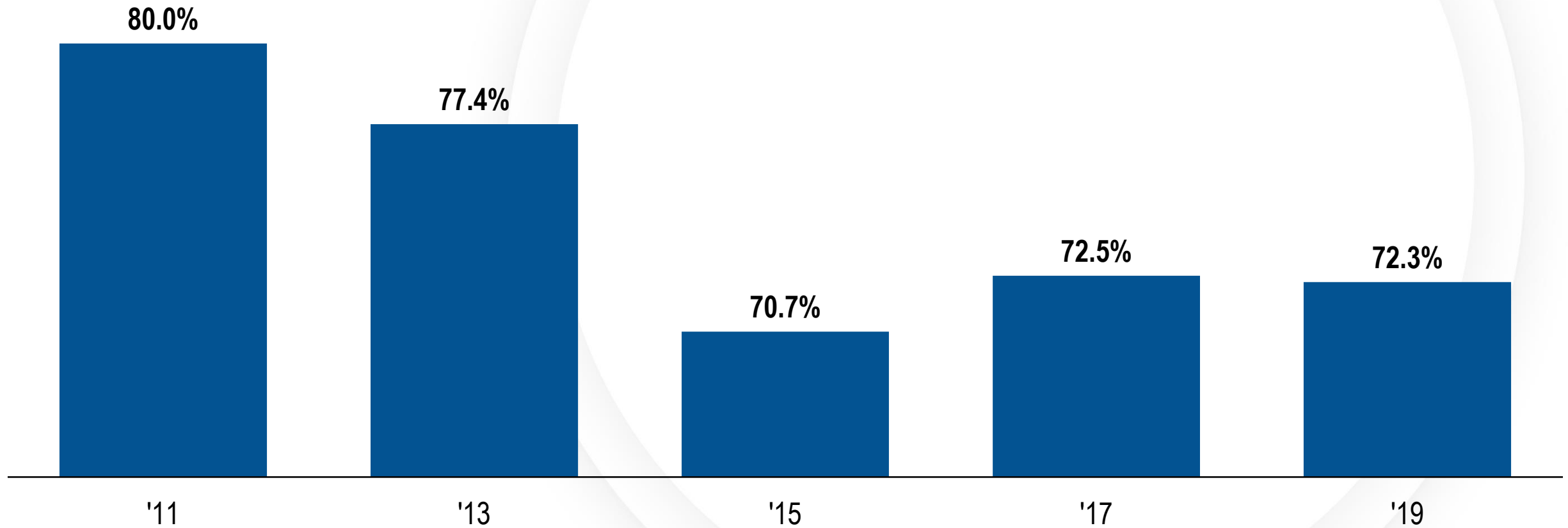


N=700

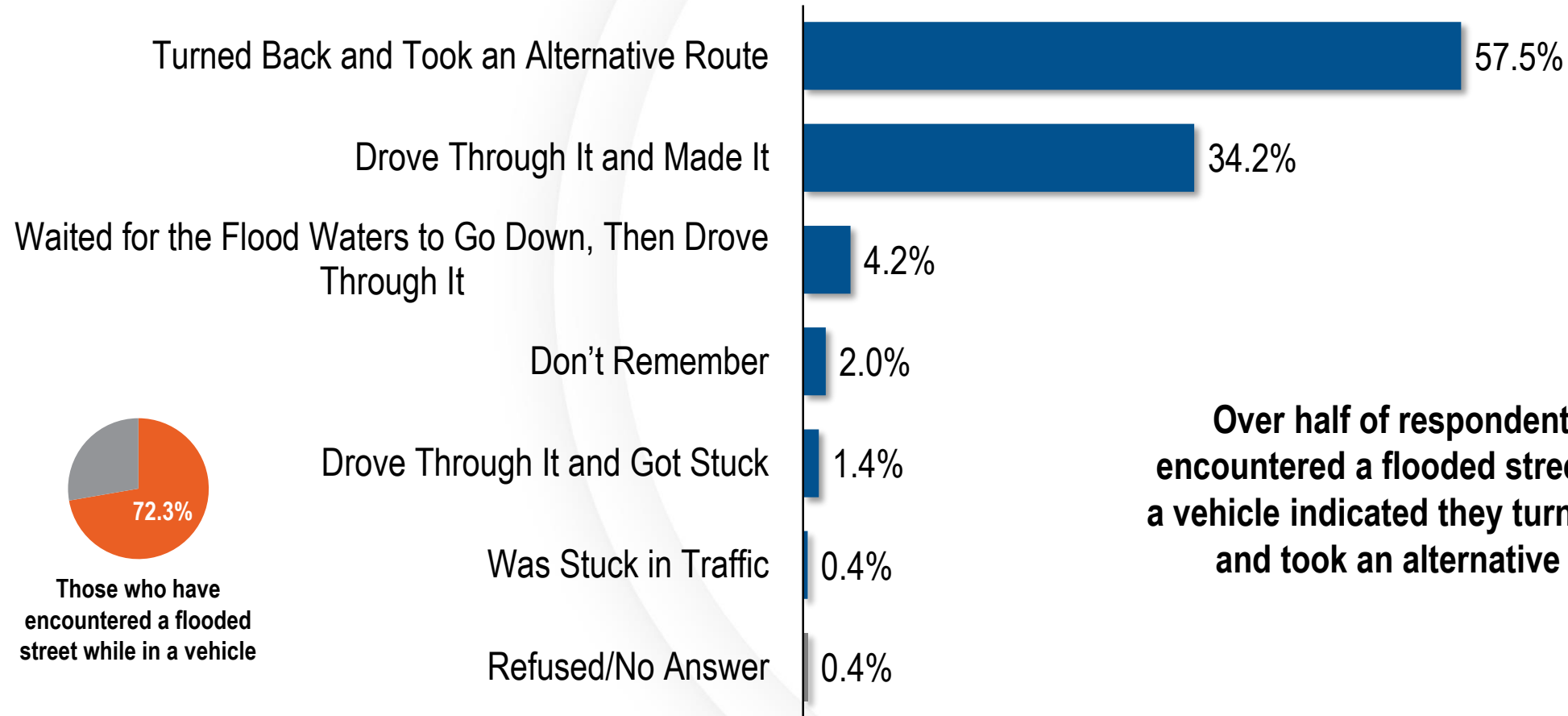
Note: A flooded street has been defined as one where water covers the street from curb to curb and the pavement is not visible.



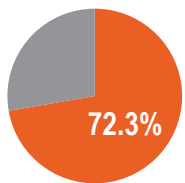
# Q17: Have you ever encountered a flooded street while in a vehicle? Historical Trend (Yes)



# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did?



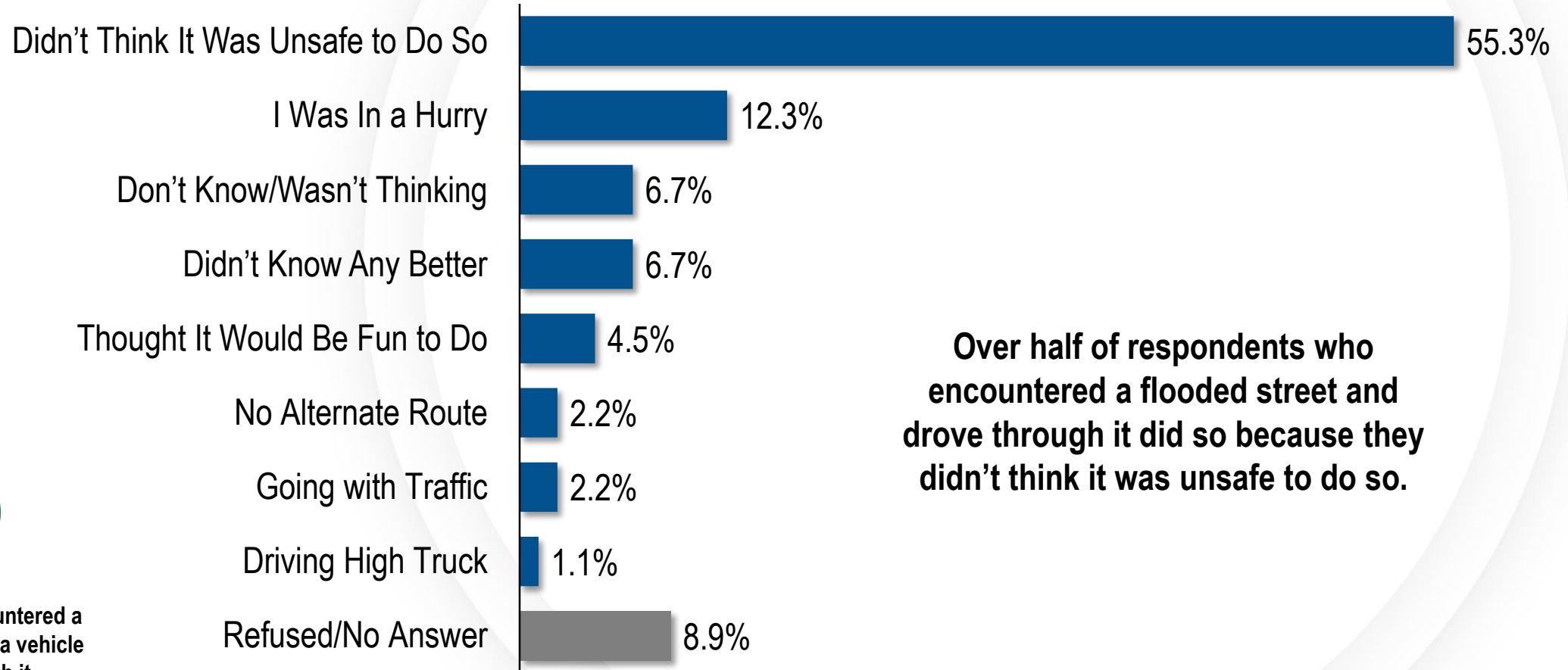
**Over half of respondents who encountered a flooded street while in a vehicle indicated they turned around and took an alternative route.**



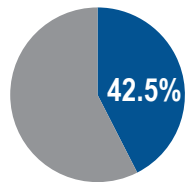
Those who have encountered a flooded street while in a vehicle

N=506

# Q19: Why did you drive through the flooded street?



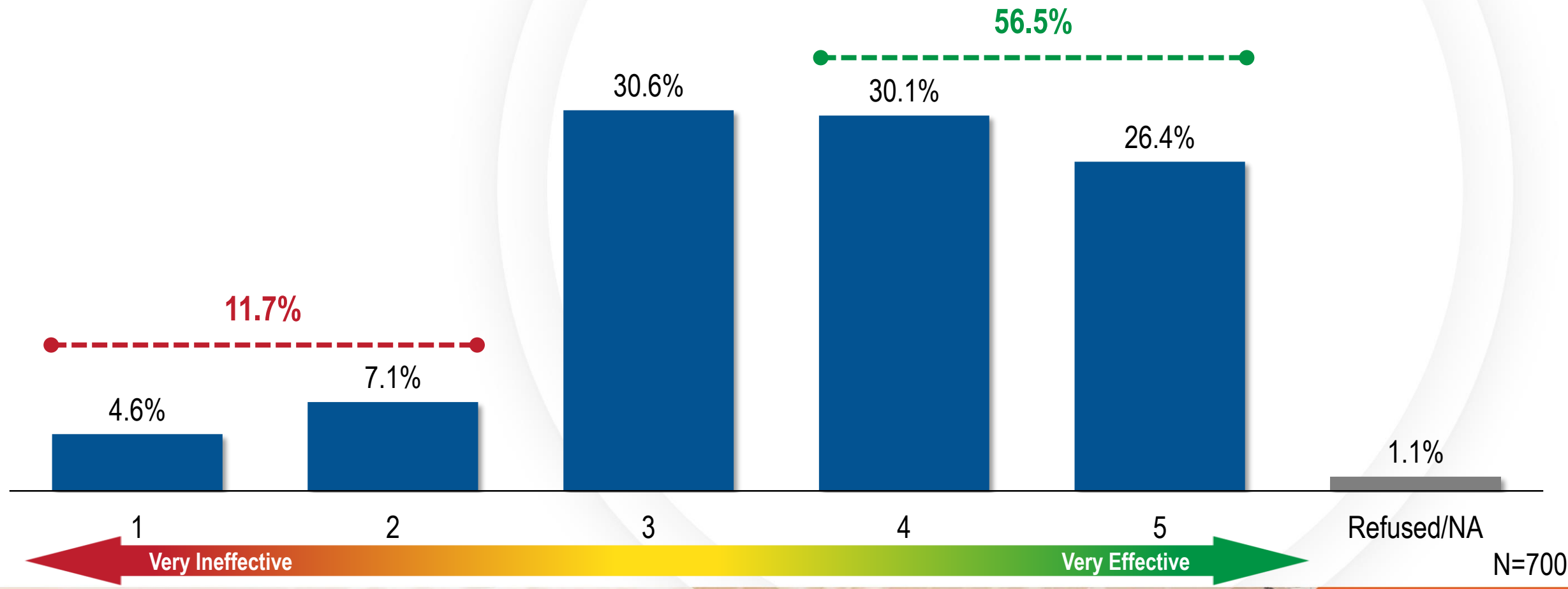
**Over half of respondents who encountered a flooded street and drove through it did so because they didn't think it was unsafe to do so.**



Those who have encountered a flooded street while in a vehicle and drove through it

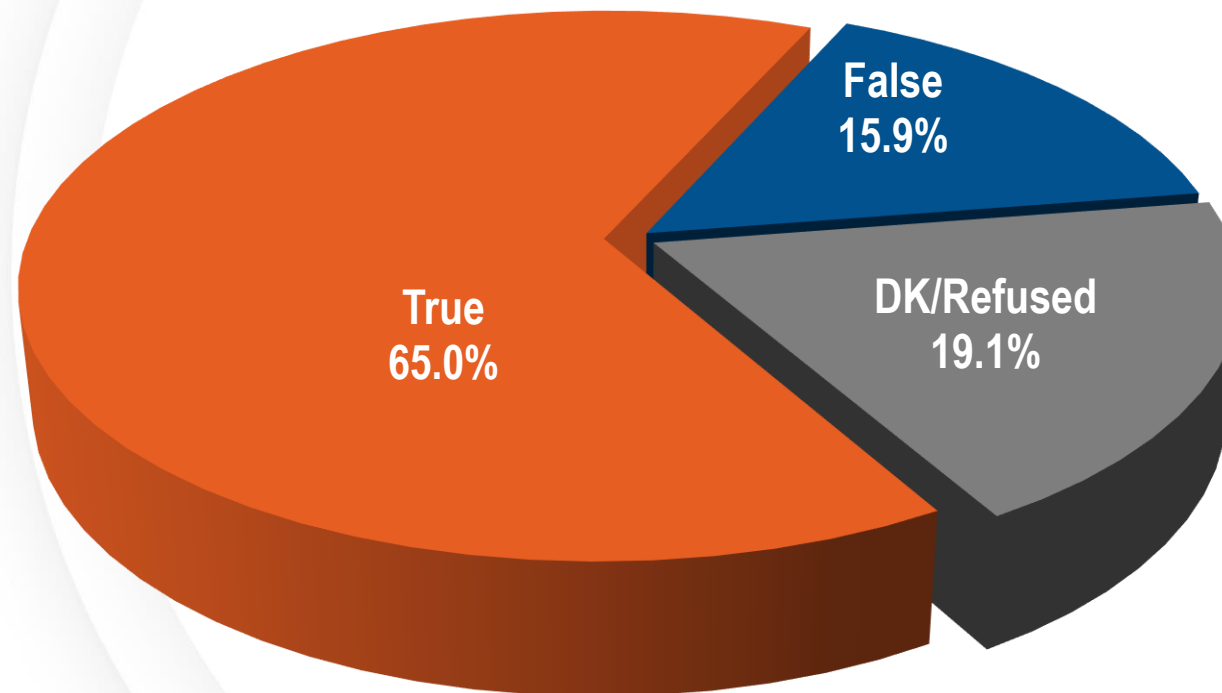
N=179

# Q20: How well do you think the dangers of flooding are being communicated to the community?



## Q21A: True or False? Streets are a part of the flood control system.

Nearly two-thirds of respondents think streets are a part of the flood control system.

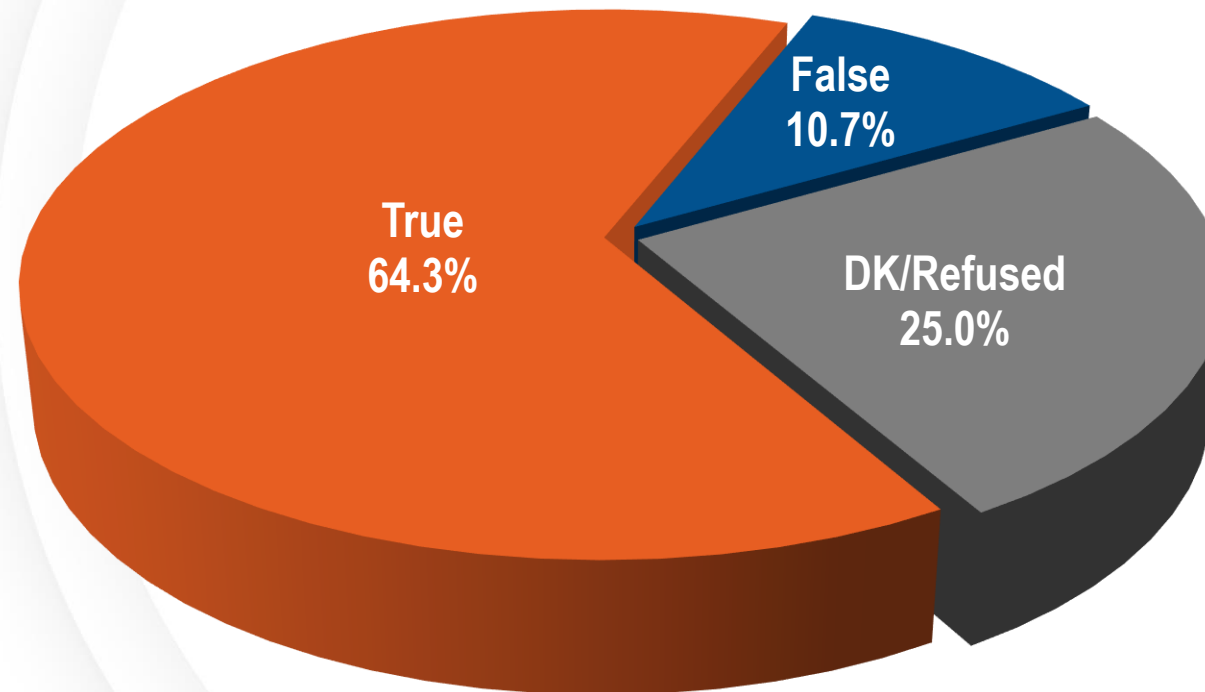


N=700



## Q21B: True or False? Urban runoff travels through the flood control system and ultimately drains into Lake Mead.

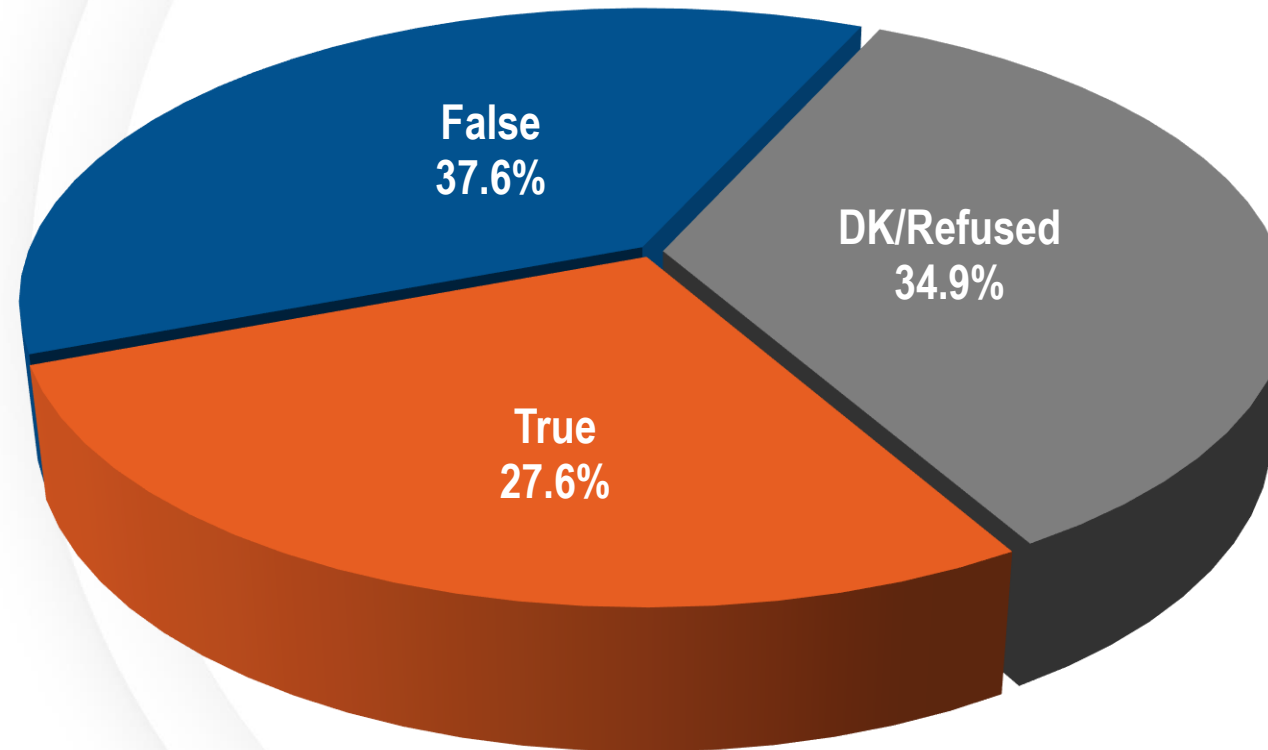
Over three-fifths of respondents think the urban runoff you see in the flood channels ends up in Lake Mead.



N=700

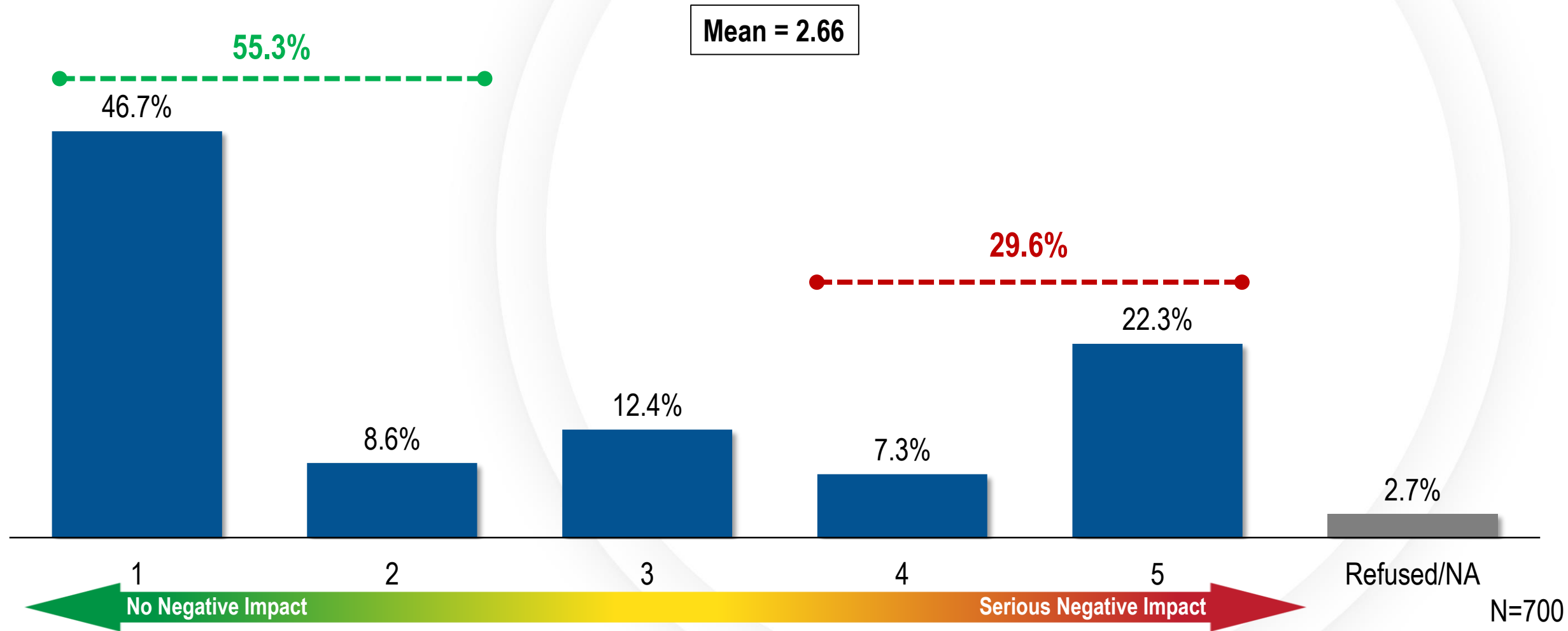
# Q21C: True or False? The storm water that travels through flood control channels and storm drains is treated/cleaned before it reaches Lake Mead.

Nearly one-third of respondents believe storm water is cleaned or treated before it finally ends up in Lake Mead.

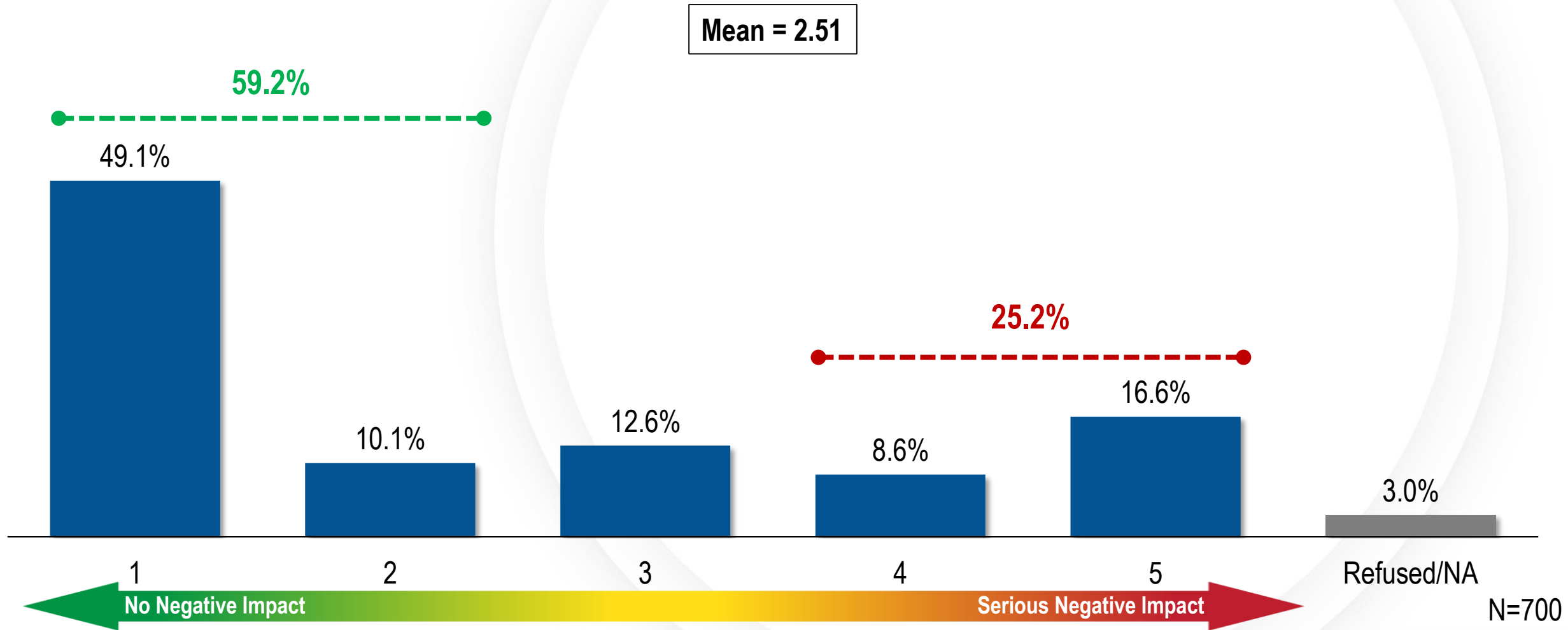


N=700

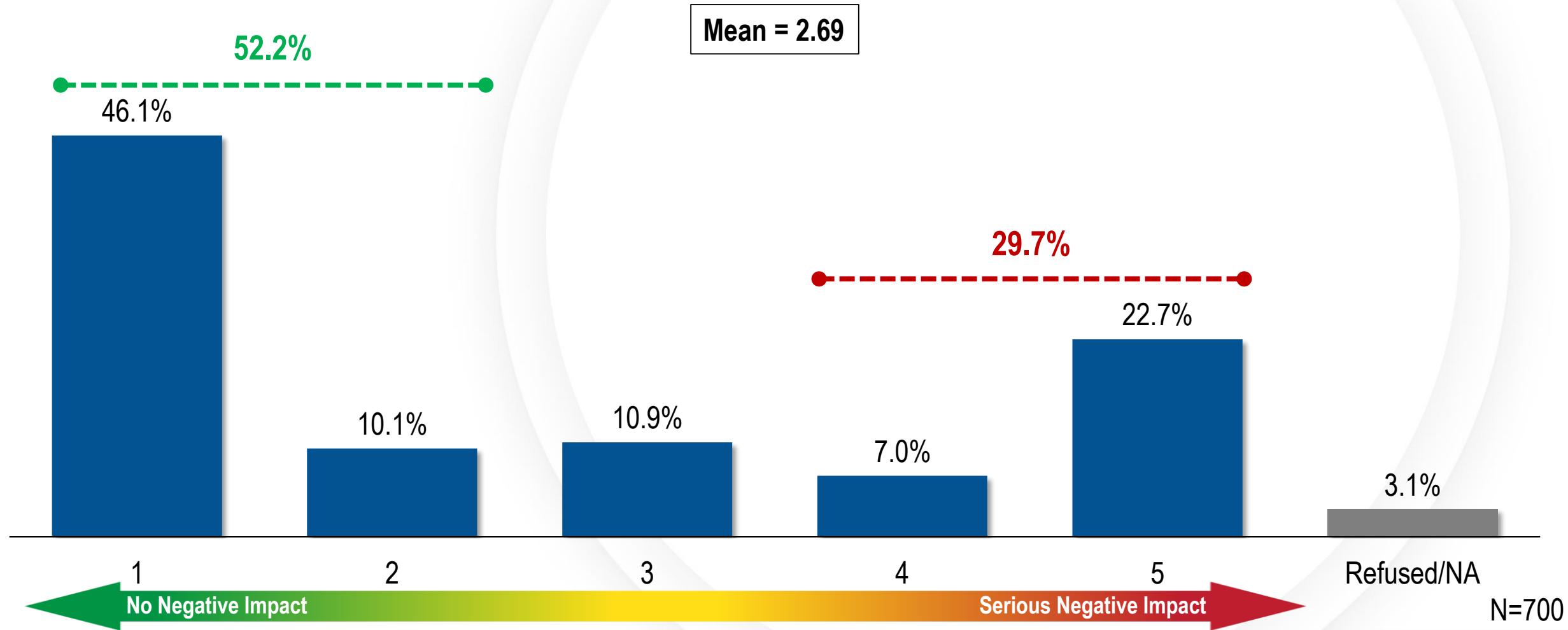
# Q22A: Please tell me what impact each activity has on Lake Mead. Proper Disposal of Chemicals



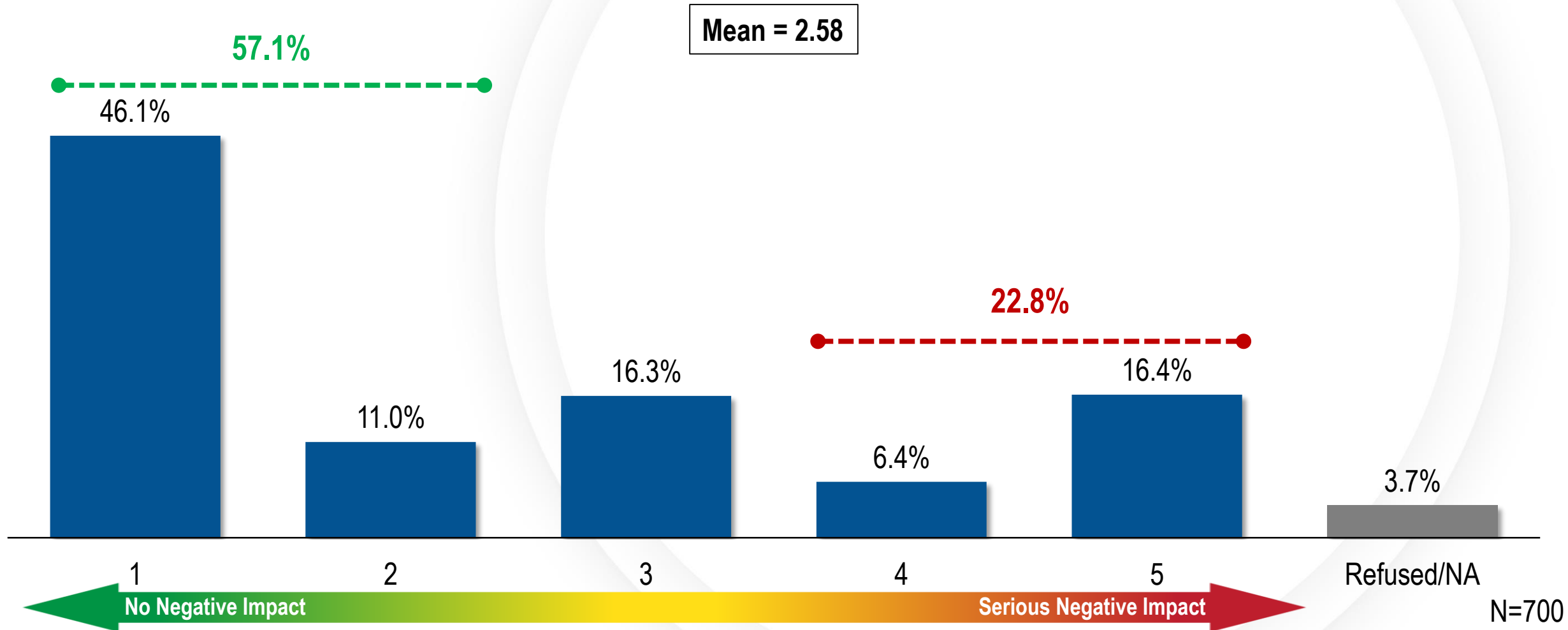
# Q22B: Please tell me what impact each activity has on Lake Mead. Proper Disposal of Garbage



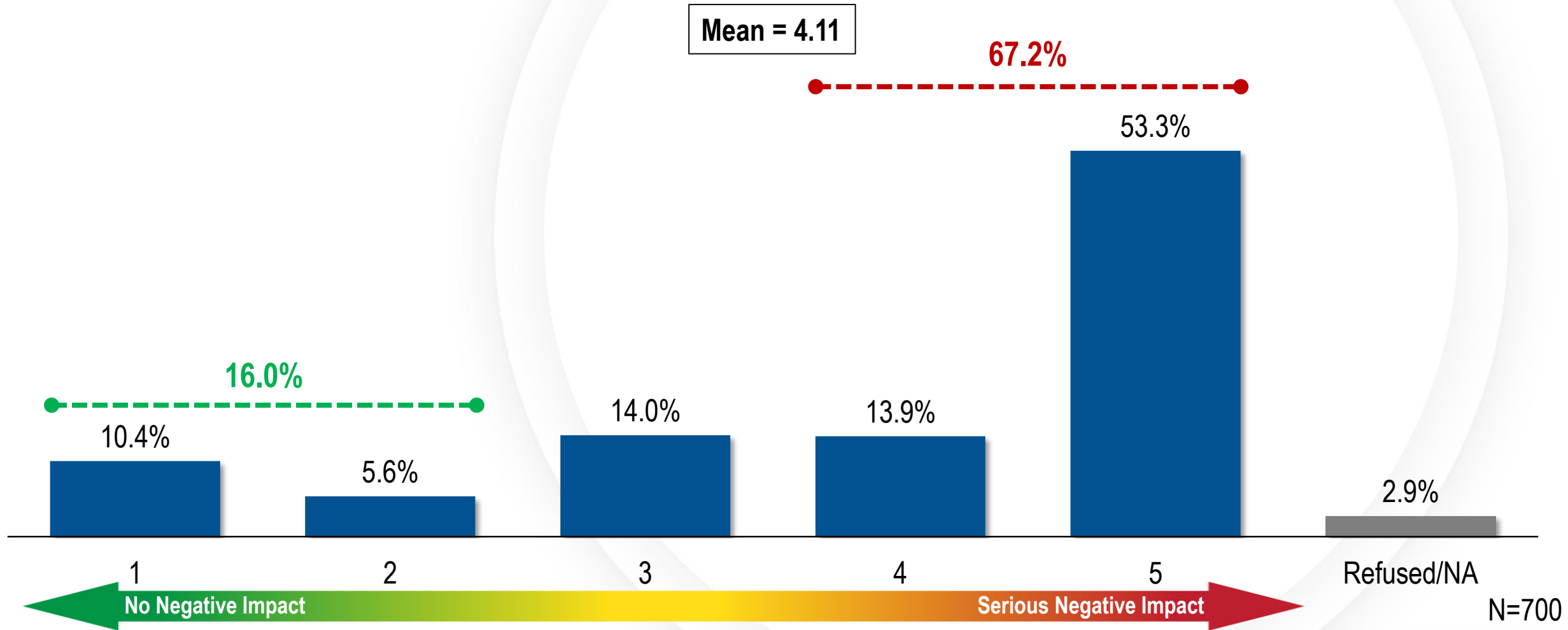
# Q22C: Please tell me what impact each activity has on Lake Mead. Proper Disposal of Oil



# Q22D: Please tell me what impact each activity has on Lake Mead. Proper Disposal of Pet Waste

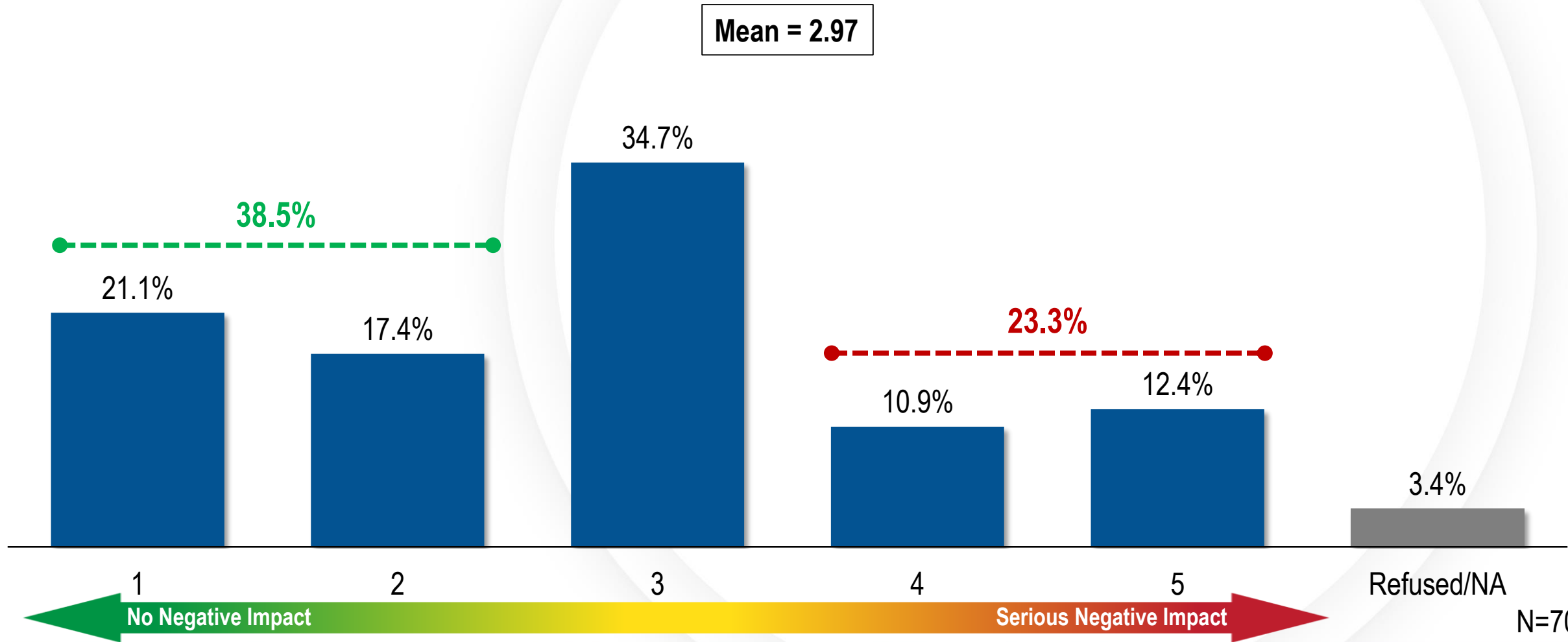


# Q22E: Please tell me what impact each activity has on Lake Mead. Littering



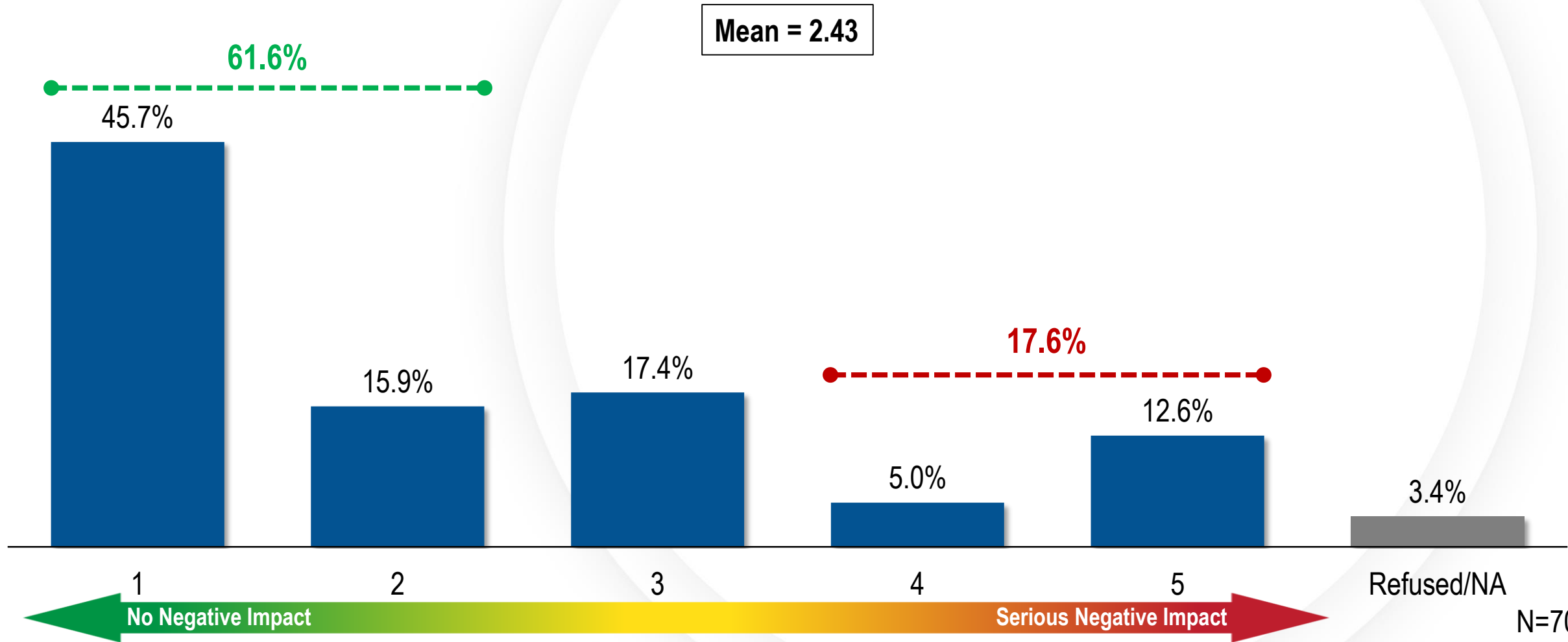
# Q22F: Please tell me what impact each activity has on Lake Mead. Use of Commercial Car Washes

Mean = 2.97

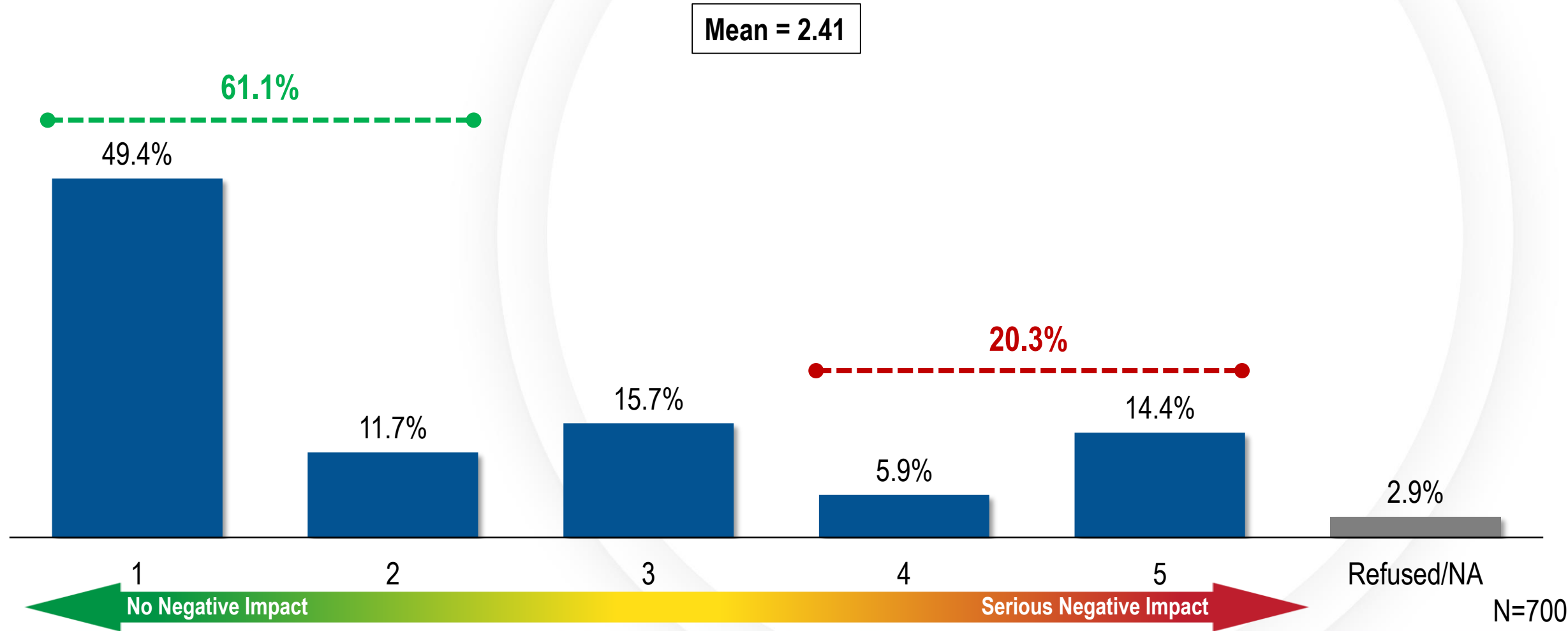




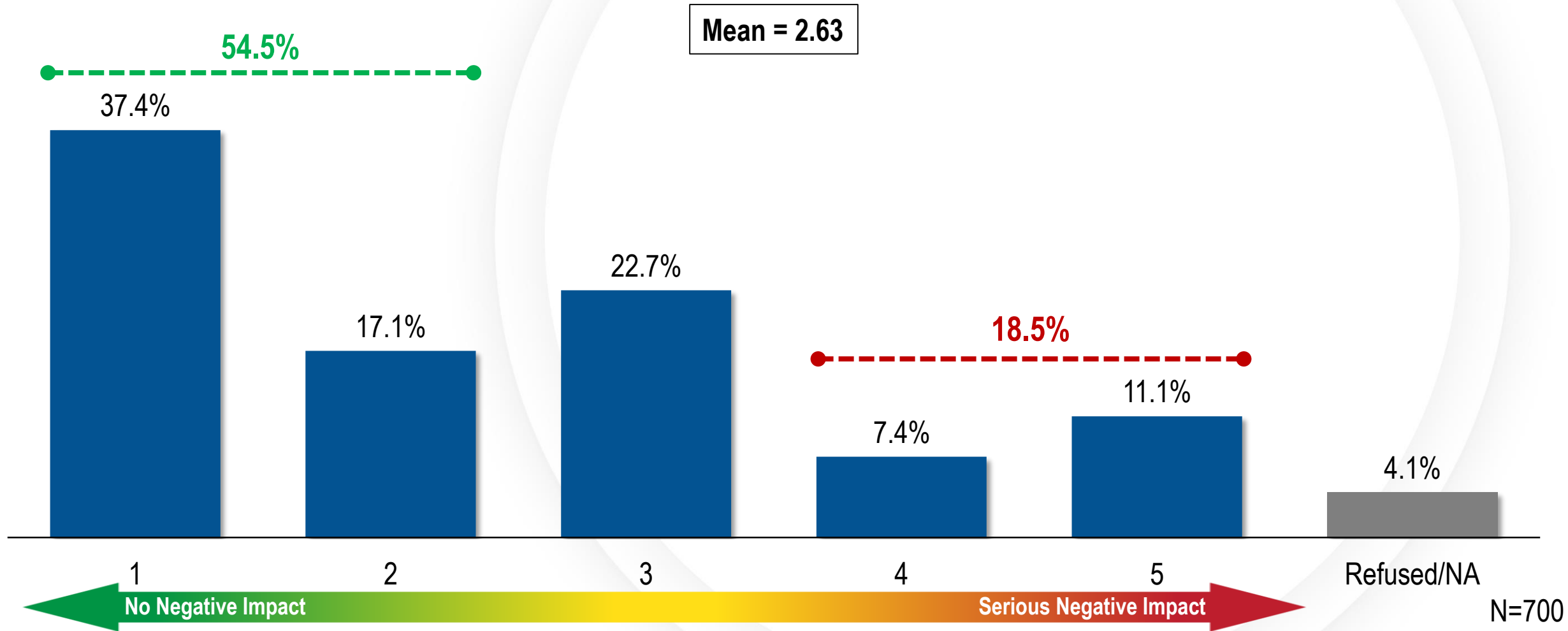
# Q22G: Please tell me what impact each activity has on Lake Mead. Getting Smog Checks



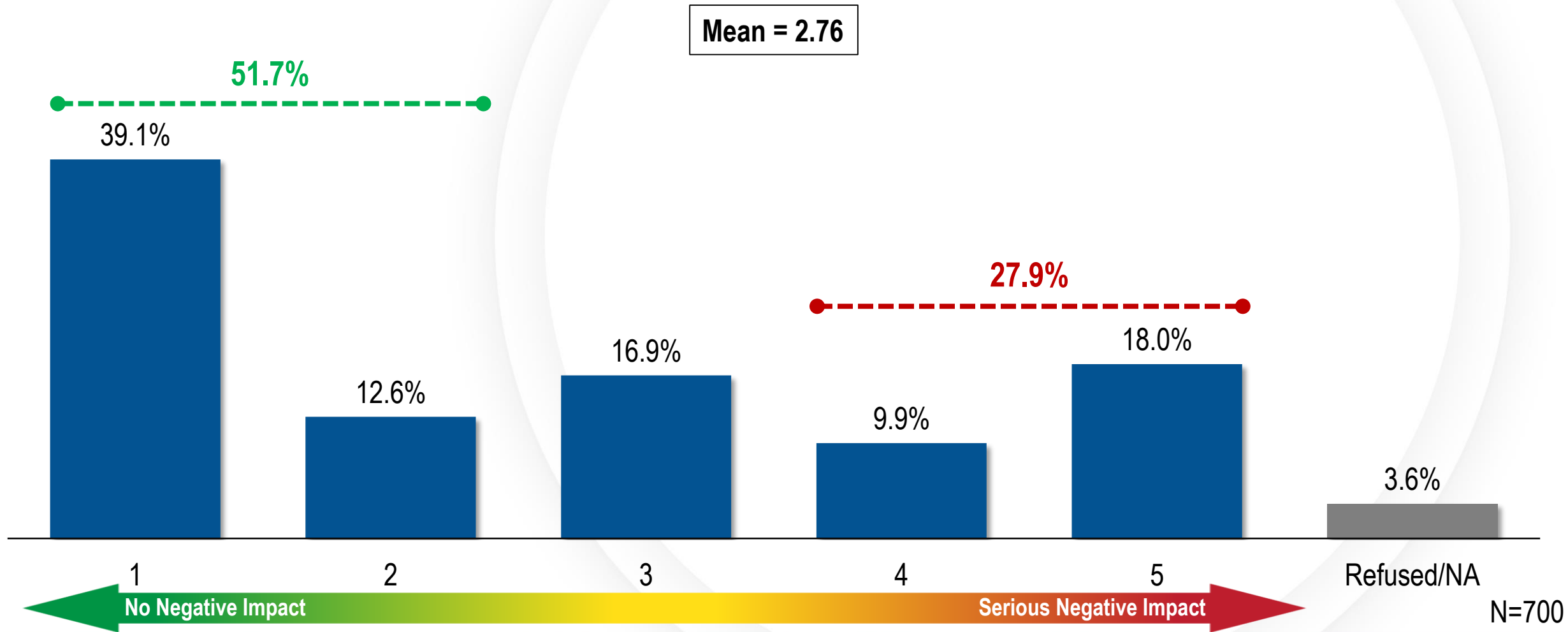
# Q22H: Please tell me what impact each activity has on Lake Mead. Reducing Use of Water



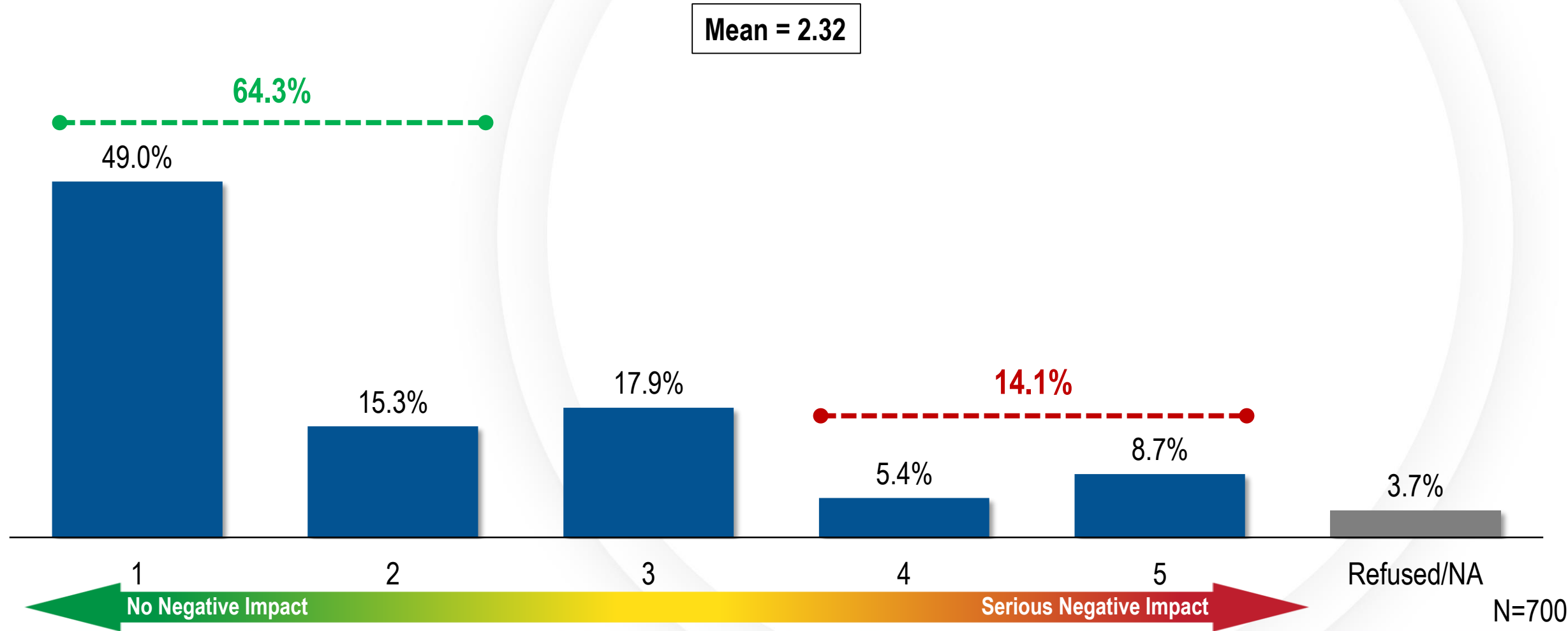
# Q22I: Please tell me what impact each activity has on Lake Mead. Using Organic Fertilizers



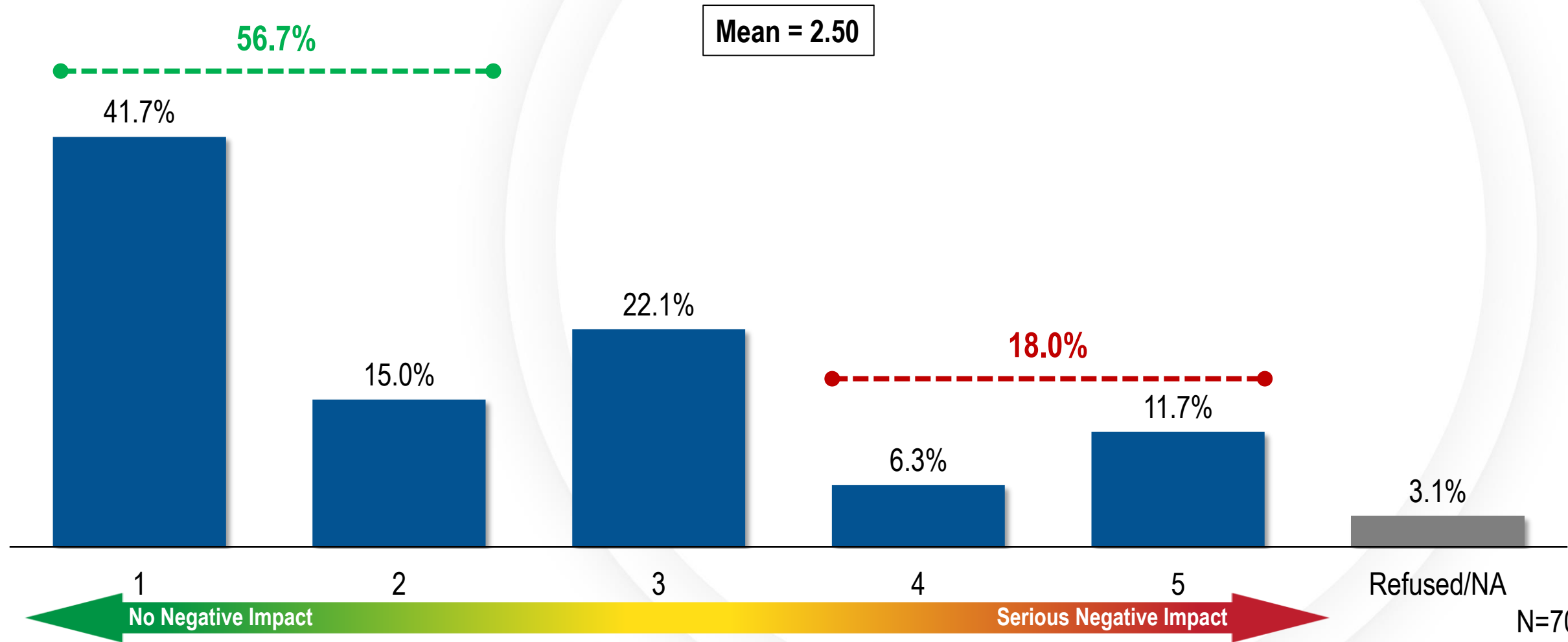
# Q22J: Please tell me what impact each activity has on Lake Mead. Reporting of Clogged Storm Drains



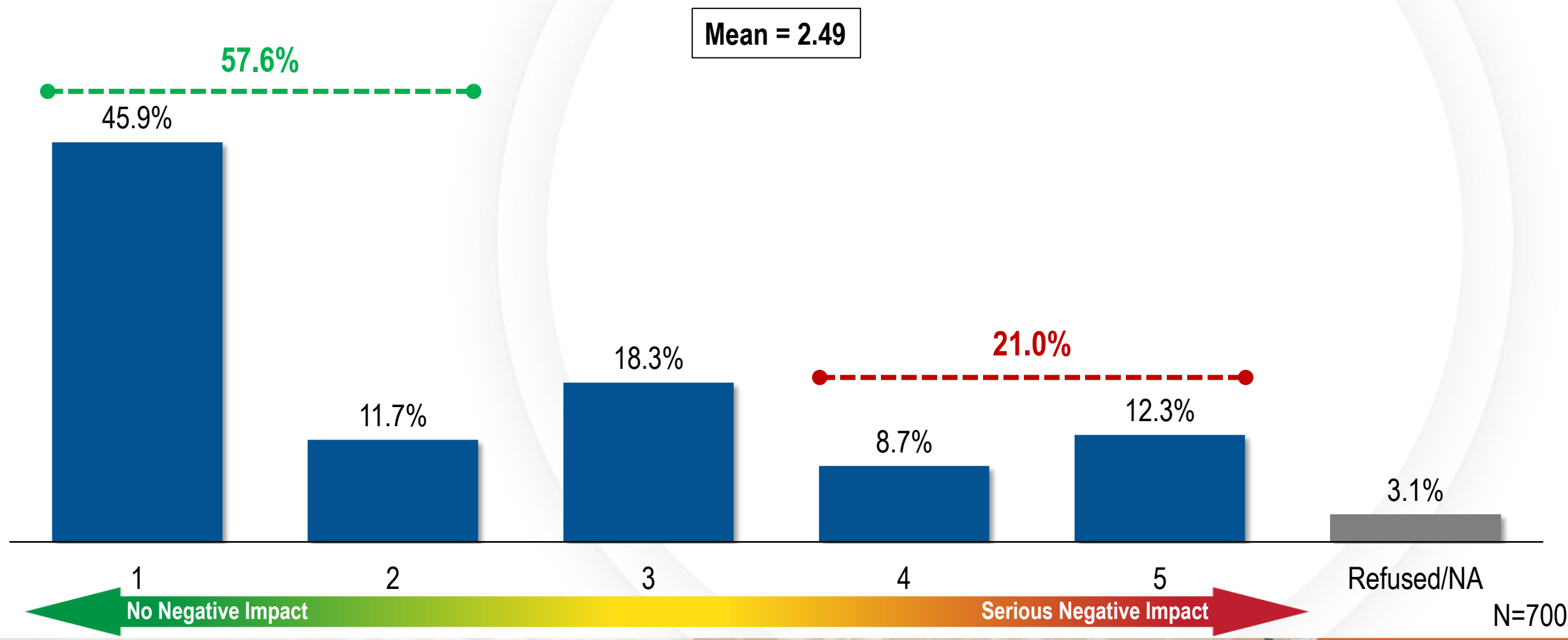
# Q22K: Please tell me what impact each activity has on Lake Mead. Using Green Products



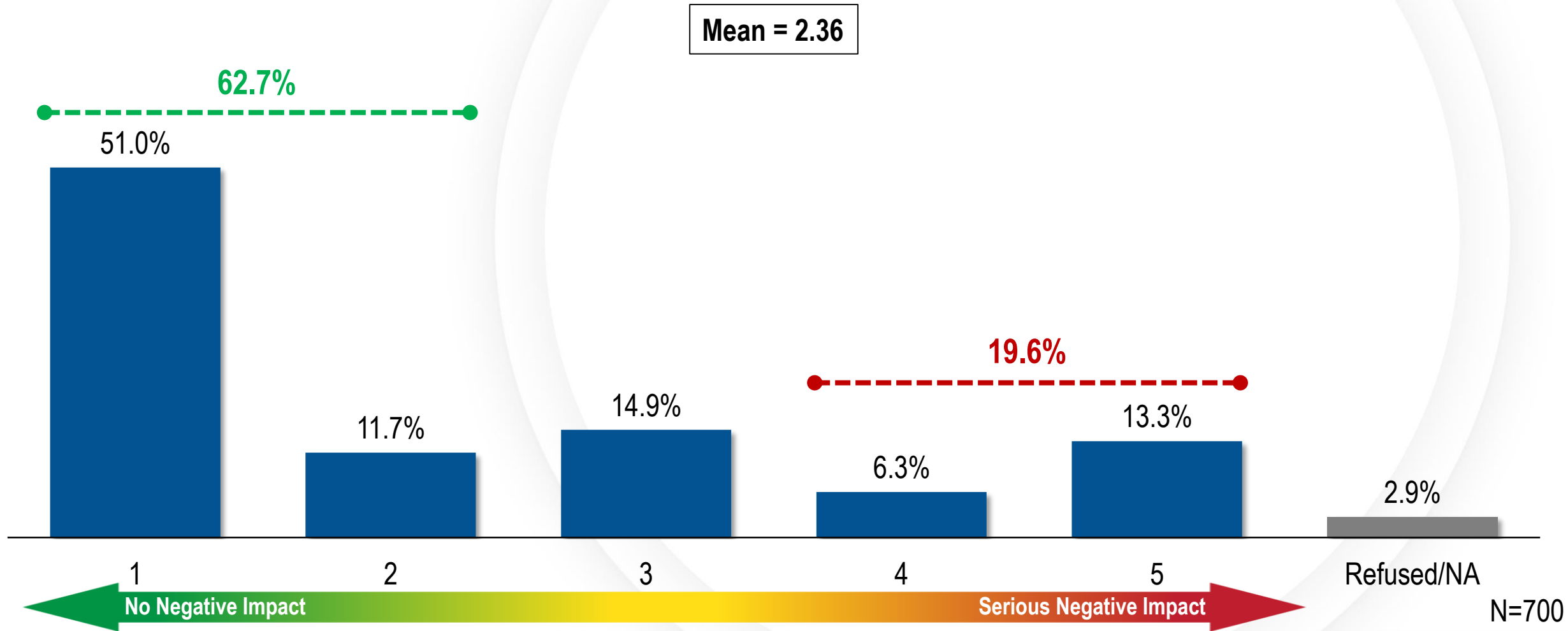
# Q22L: Please tell me what impact each activity has on Lake Mead. Limiting the use of Grass in Homes and Businesses



# Q22M: Please tell me what impact each activity has on Lake Mead. Converting to Desert Landscaping

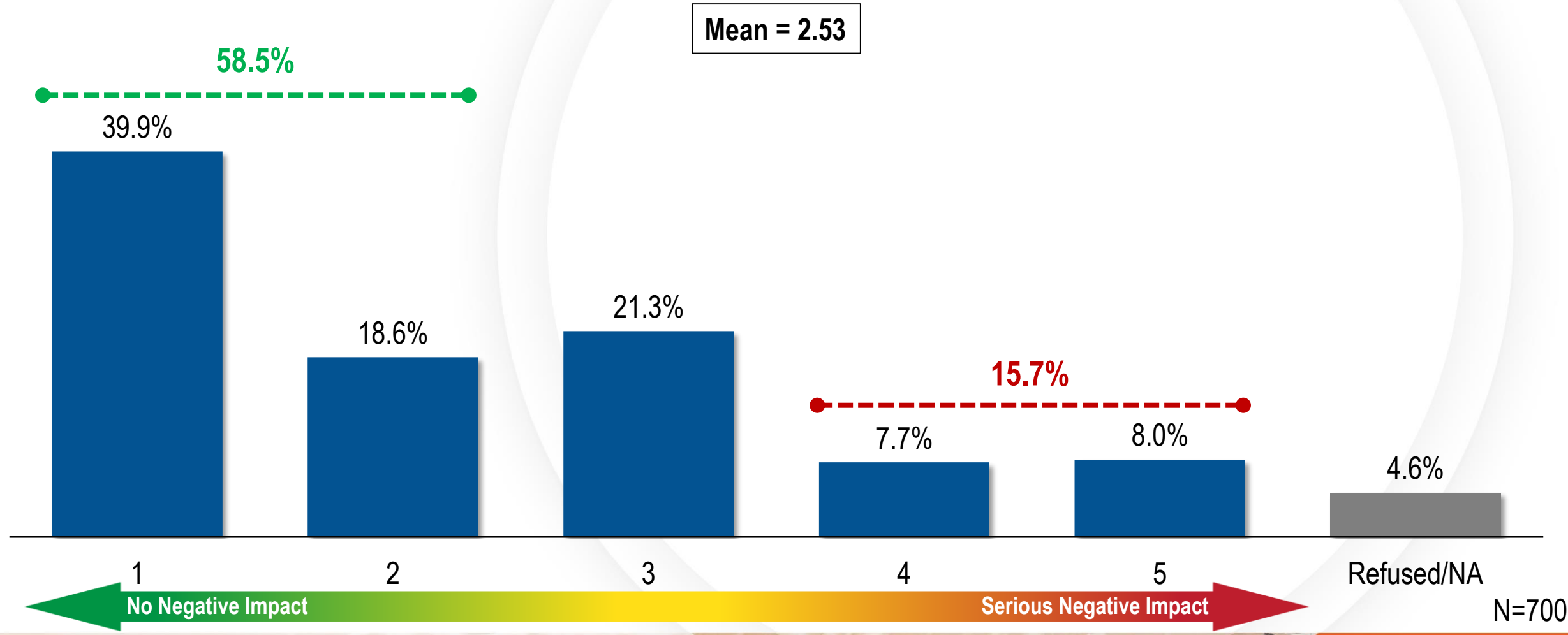


# Q22N: Please tell me what impact each activity has on Lake Mead. Using Reusable Bags

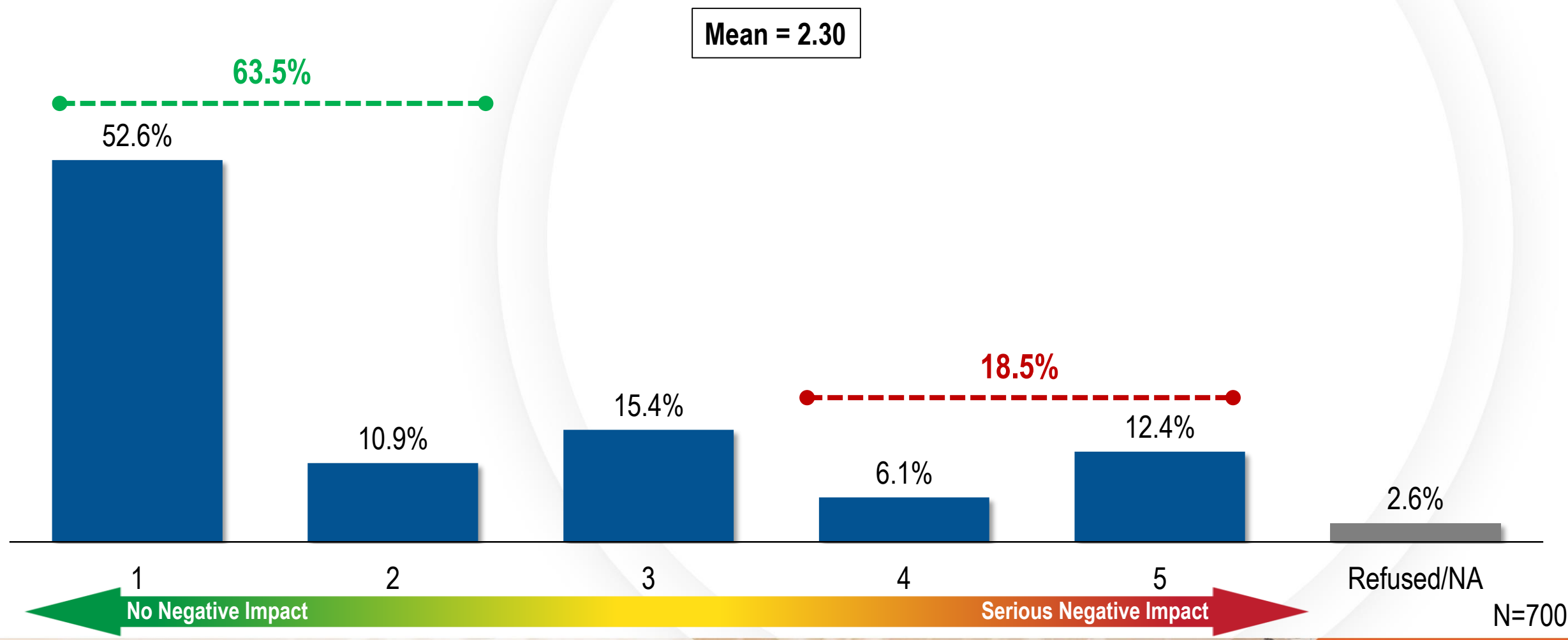




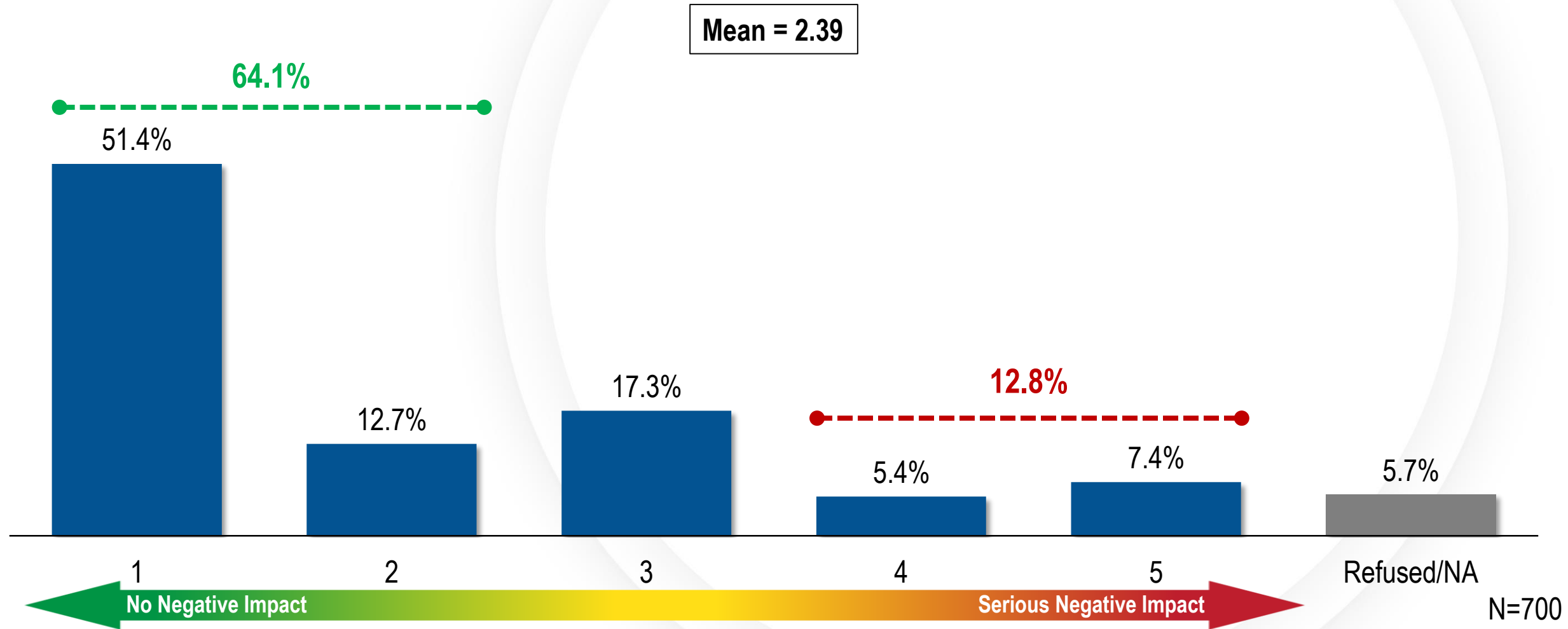
# Q220: Please tell me what impact each activity has on Lake Mead. Composting



# Q22P: Please tell me what impact each activity has on Lake Mead. Recycling



# Q22Q: Please tell me what impact each activity has on Lake Mead. Use of Solar Cells



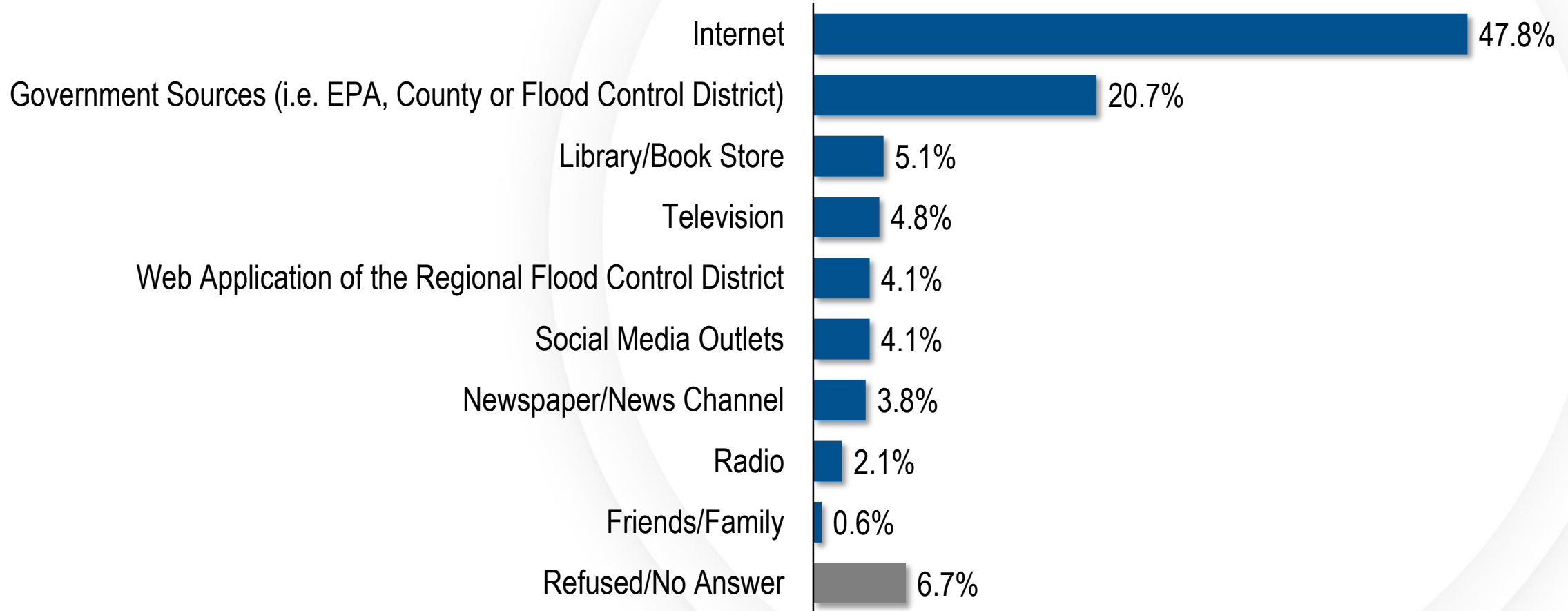
# Q22 Series: Comparing Mean Scores Historical Trend

(5=Very Serious Negative Impact; 1=No Negative Impact)

Rank	Activity	2019 Mean	2017 Mean	Rank	Activity	2019 Mean	2017 Mean
1	Littering	4.11	3.82	10	Limiting the Use of Grass in Homes & Businesses	2.50	2.54
2	Use of Commercial Car Washes	2.97	2.80	11	Converting to Desert Landscape	2.49	2.55
3	Reporting of Clogged Storm Drains	2.76	2.69	12	Getting Smog Checks	2.43	2.34
4	Proper Disposal of Oil	2.69	2.79	13	Reducing Use of Water	2.41	2.61
5	Proper Disposal of Chemicals	2.66	2.85	14	Use of Solar Cells	2.39	2.14
6	Using Organic Fertilizers	2.63	2.47	15	Using Reusable Bags	2.36	2.40
7	Proper Disposal/Clean Up of Pet Waste	2.58	2.59	16	Using Green Products	2.32	2.39
8	Composting	2.53	2.36	17	Recycling	2.30	2.39
9	Proper Disposal of Garbage	2.51	2.62				

Note: Scores exclude respondents who did not answer the question.

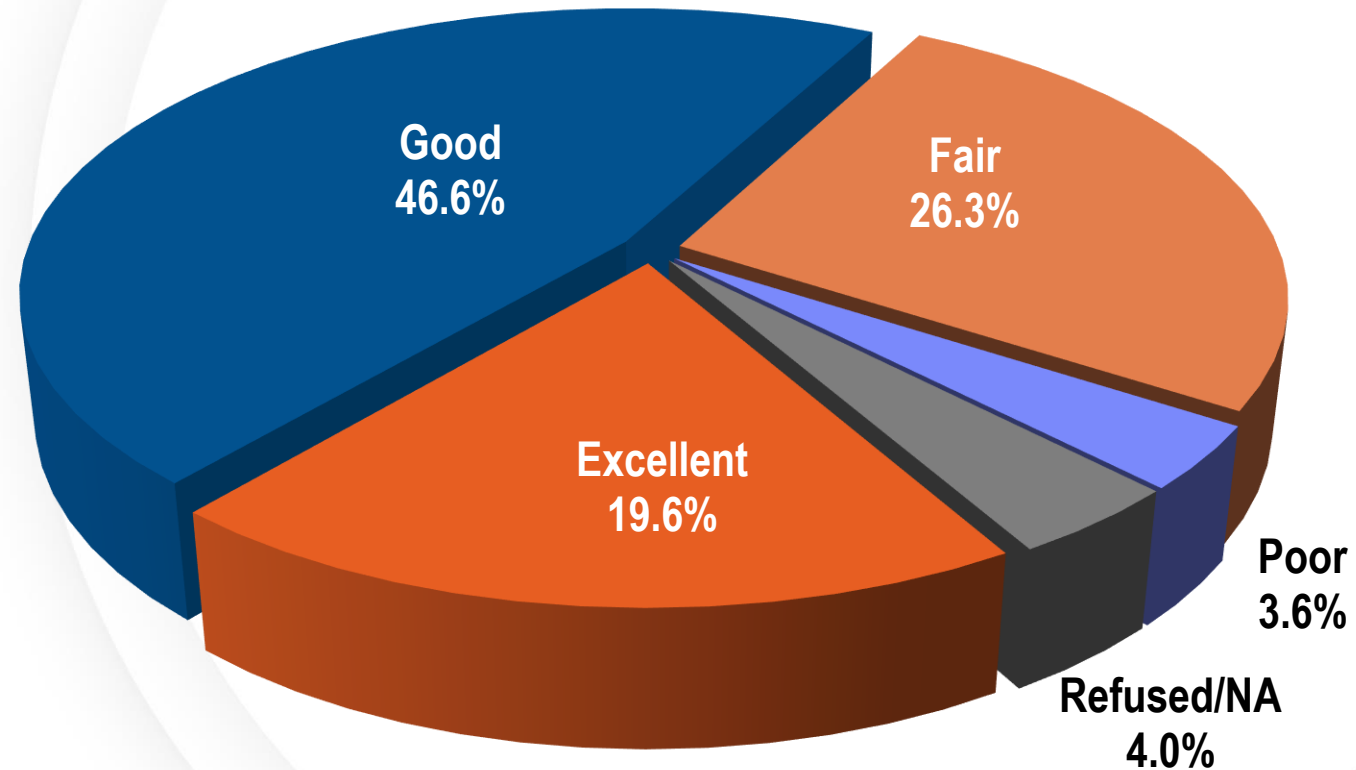
## Q23: If you wanted to get information about how to keep the environment clean, where might you go?



N=700

# Q24: Overall, how would you rate the way flood control is being handled in Southern Nevada?

One-fifth of respondents believe that flood control in Southern Nevada is being handled in an excellent way.



N=700

# Q25: Why do you think flood control is being handled in a [response from Q24] manner? Common Responses

## Excellent

- The flooding is under much better control than 50 years ago
- They are constantly improving their infrastructure
- Very good at keeping the public aware of when or where flooding is occurring
- New systems have help channel water properly (pipes, washes, detention basins, etc.)

## Good

- They are very quick at responding to issues
- They do a good job at getting the message out via radio, TV, Billboards, etc.
- Citizens are educated when it comes to reacting to flooded areas
- Decrease in accidents

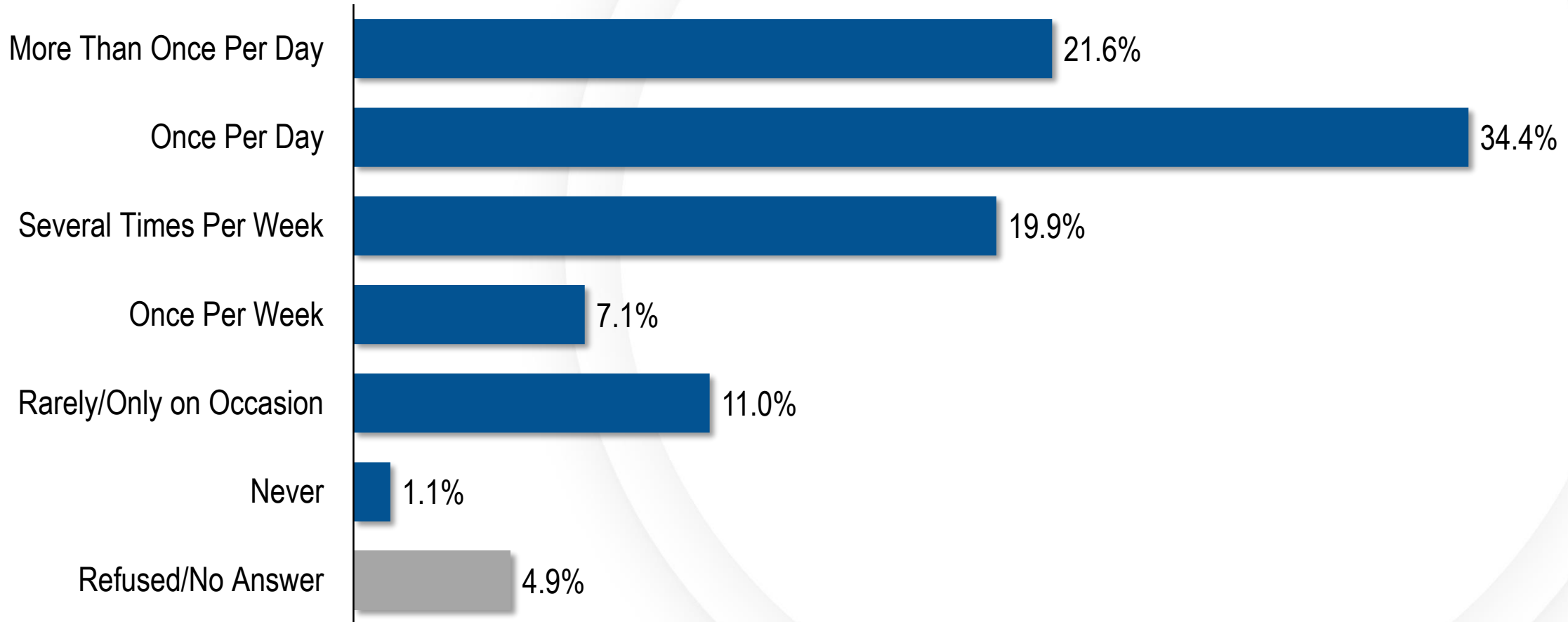
## Fair

- They are trying but not succeeding
- Some people are still not educated enough
- Better flood control has developed over time but there is still room to improve
- A lot of trash is left behind from the flooding/no clean up efforts

## Poor

- There are still a lot of drains backed up
- There is still flood damage to be found
- People are still getting seriously hurt and a few fatalities have occurred as well
- Need better organization

# Q26: How often would you say you check your local weather forecast?

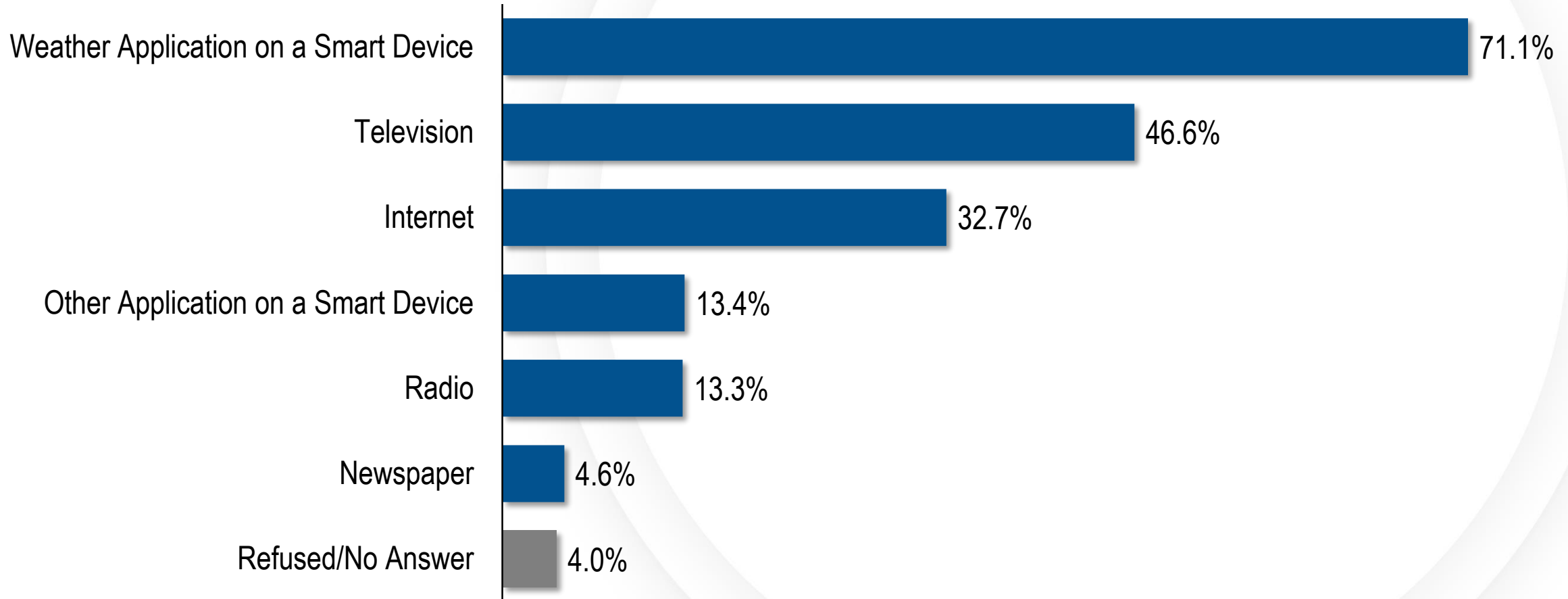


N=700





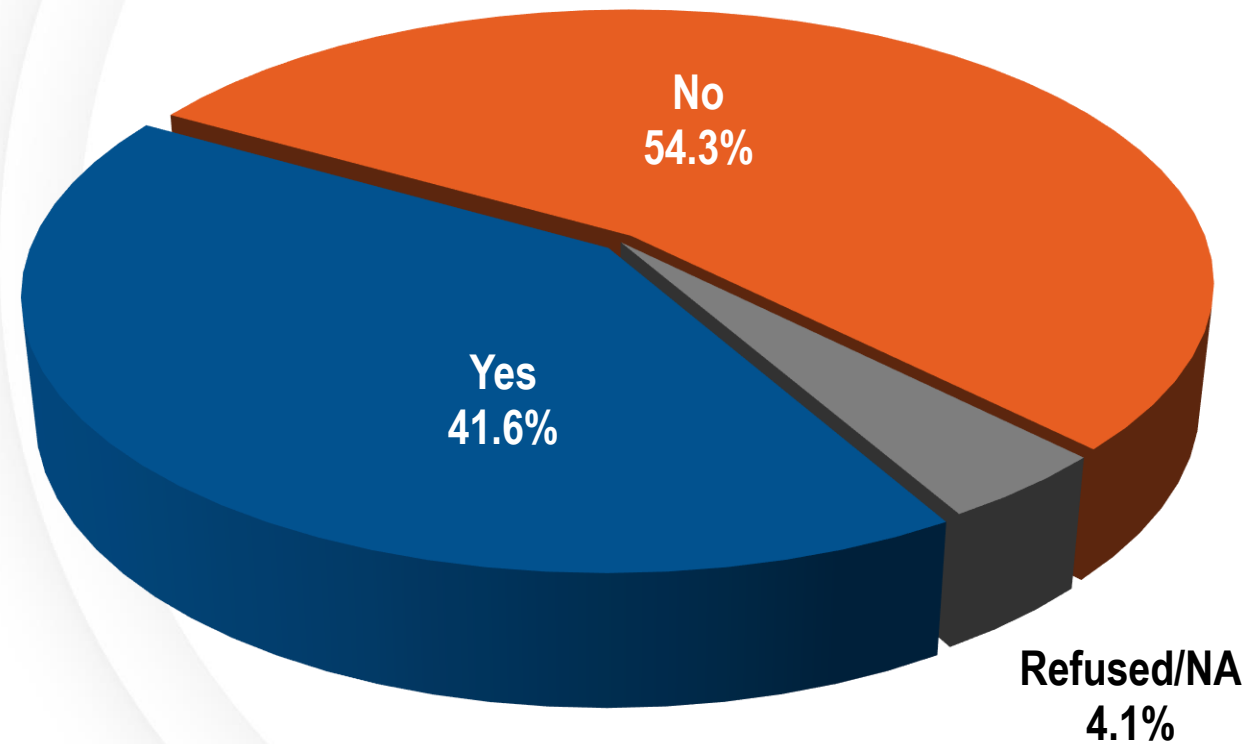
# Q27: If you wanted to check your local weather forecast, which resources would you use?



N=700

## Q28: Do you have Cox Digital Cable television?

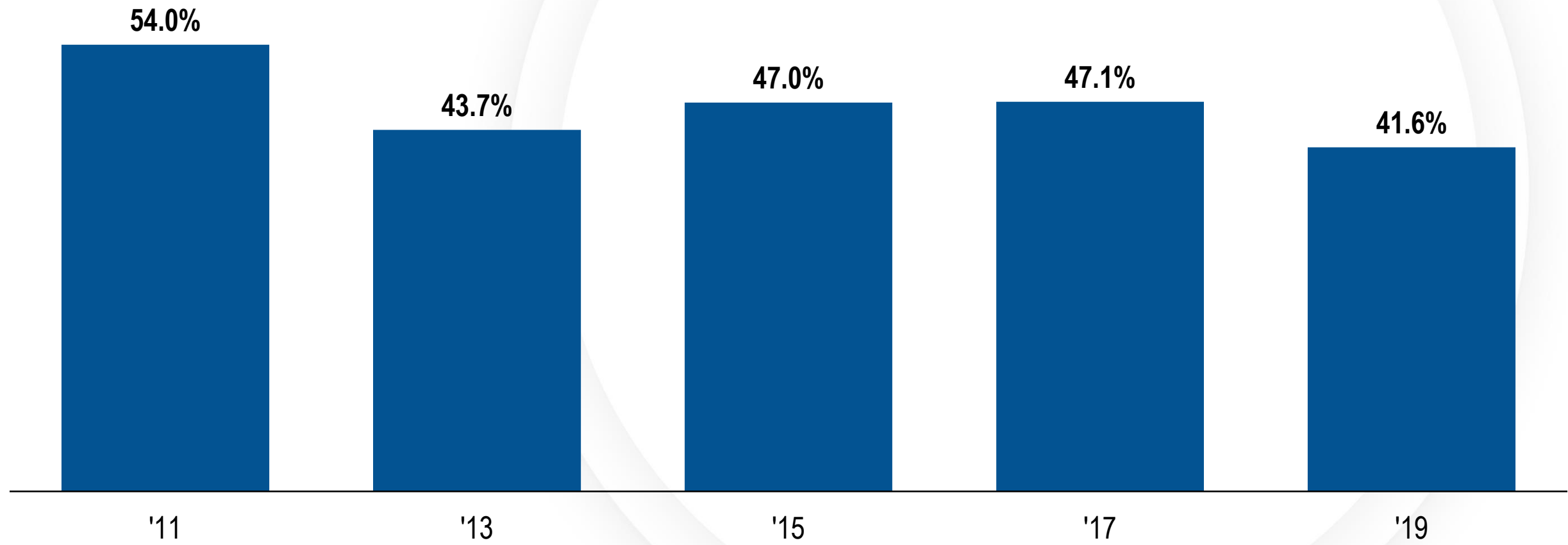
The majority of respondents indicated that they do not subscribe to Cox Digital Cable television.



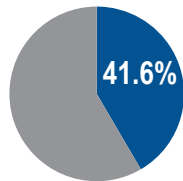
N=700

# Q28: Do you have Cox Digital Cable television?

## Historical Trend (Yes)

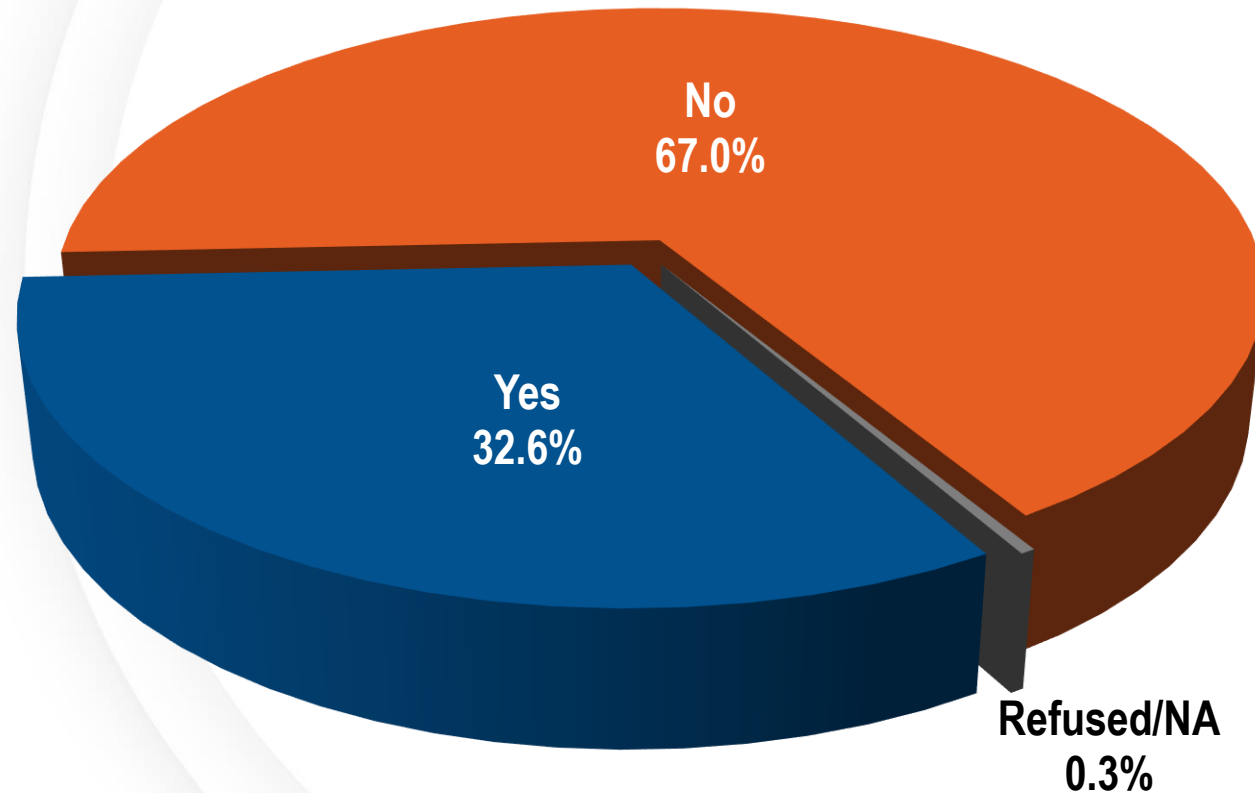


# Q29: Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?



Those who have Cox Digital Cable television

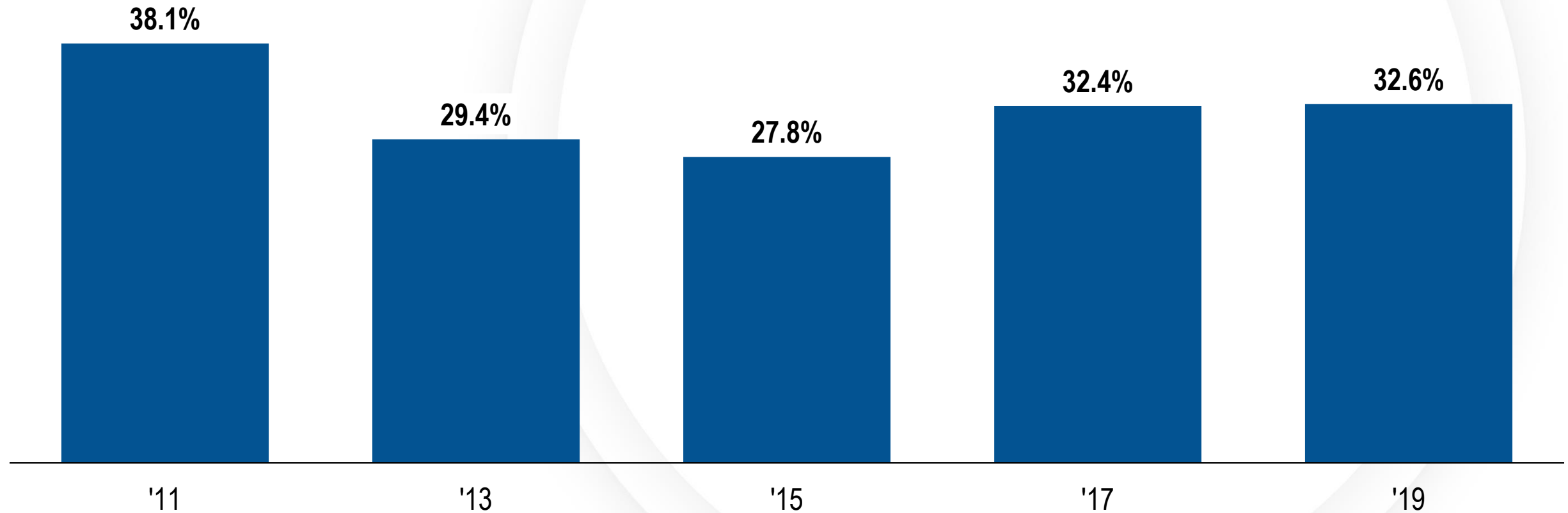
Two-thirds of Cox Digital Cable subscribers reported that they have never watch The Flood Channel.



N=291

# Q29: Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?

Historical Trend (Yes)



# DEMOGRAPHIC PROFILE

Age Category	Percentage
18 to 20	4.4%
21 to 24	6.3%
25 to 34	19.9%
35 to 49	30.3%
50 to 54	7.0%
55 to 64	17.0%
65 or Older	15.1%
Gender	Percentage
Male	50.0%
Female	50.0%

Employment Status	Percentage
Employed Full-Time	43.6%
Employed Part-Time	9.7%
Self-Employed	7.7%
Student	2.7%
Unemployed & Looking for Work	5.9%
Unemployed & Not Looking for Work	1.0%
Full-Time Parent or Homemaker	4.9%
Retired	16.3%
Disabled	3.7%
Other	0.3%
Refused/No Answer	4.3%

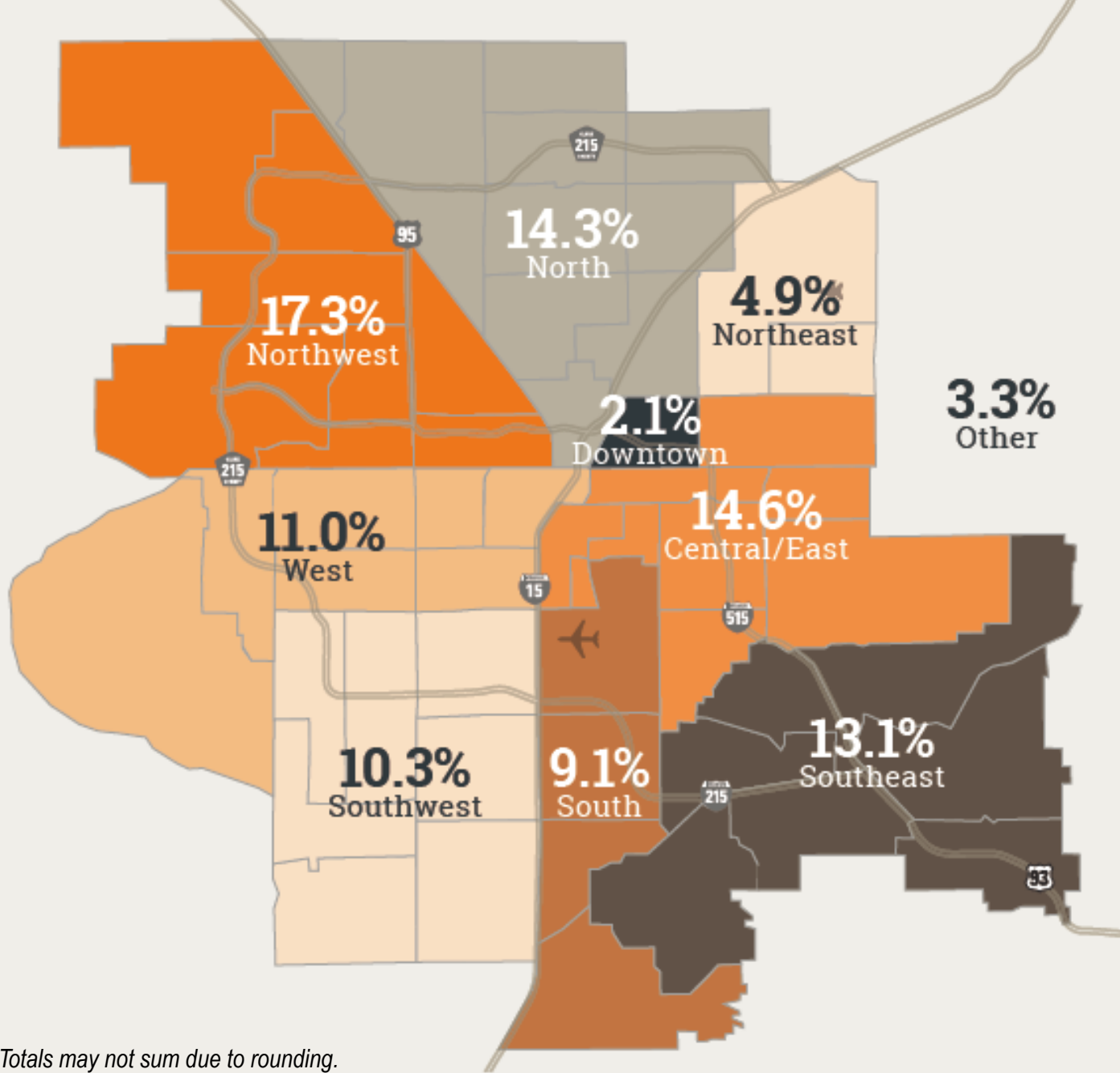
Industry if Employed (N=427)	Percentage
Farming/Agriculture	0.7%
Mining	0.5%
Manufacturing	3.5%
Construction	6.6%
Retail Trade	12.2%
Utilities	1.6%
Hotels, Casinos & Gaming	12.4%
Business & Professional Services	14.1%
Financial Services	5.2%
Healthcare	10.8%
Education Services	7.7%
Government	8.0%
Other	16.2%
Don't Know/Refused	0.7%

Length of Residence In Southern Nevada	Percentage
Less Than 1 Year	3.4%
1 to 3 Years	9.4%
4 to 10 Years	20.4%
10 to 20 Years	26.4%
More Than 20 Years	35.9%
Refused/No Answer	4.4%
Ownership of Residence	Percentage
Owned by Respondent or Someone in Household	57.4%
Renter	42.6%
Other	0.0%



Race/Ethnicity	Percentage
White/Caucasian	52.0%
Black/African American	7.4%
Hispanic/Latino	29.0%
Asian	5.9%
Pacific Islander	1.3%
Native American	1.0%
Of Mixed Race/Ethnicity	3.1%
Other	0.3%

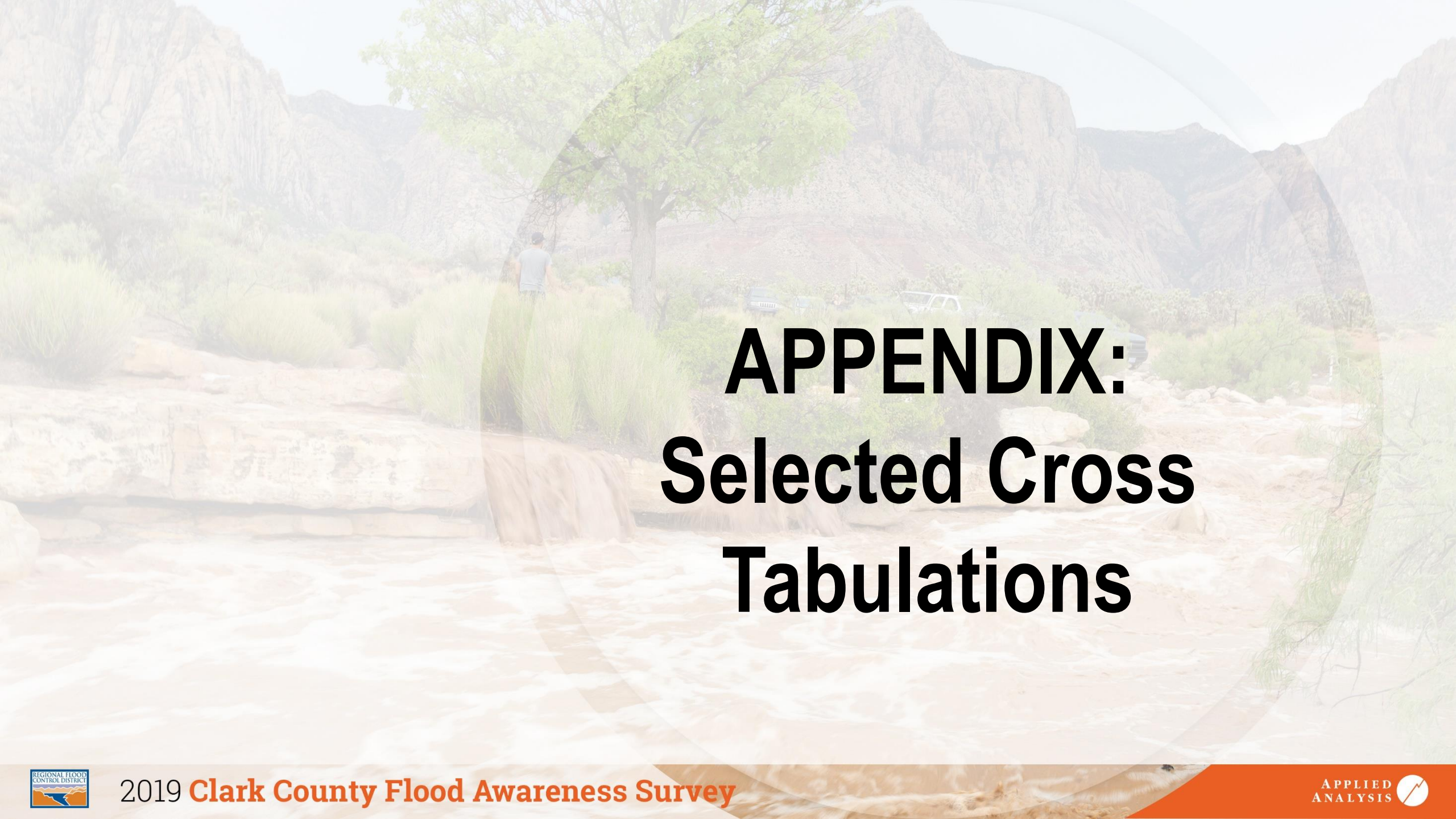
Educational Attainment	Percentage
Less Than High School	2.4%
High School Graduate	20.3%
Some College, No Degree	26.4%
Two-Year College Degree	11.9%
Four-Year College Degree	19.4%
Some Post-Graduate Work	3.6%
Graduate/Professional Degree	10.6%
Other	0.6%
Refused/No Answer	4.9%



	Top 10 Zip Codes	Percentage
1	89108	4.1%
2	89115	3.7%
3	89031	3.6%
4	89119	3.6%
5	89128	3.1%
6	89121	2.9%
7	89122	2.7%
8	89015	2.6%
9	89148	2.6%
10	89012	2.4%
	Other	68.7%

Note: Totals may not sum due to rounding.





# APPENDIX: Selected Cross Tabulations

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Age

Age Category	Sample Size	Yes	No
18 to 20	N=31	64.5%	35.5%
21 to 24	N=44	59.1%	40.9%
25 to 34	N=139	69.8%	30.2%
35 to 49	N=212	78.3%	21.7%
50 to 54	N=49	67.3%	32.7%
55 to 64	N=119	85.7%	14.3%
65 or Older	N=106	70.8%	29.2%
TOTAL	N=700	74.1%	25.9%

Responding ages 55 to 64 are the most aware of weather-related dangers in Southern Nevada with those 35 to 49 in second. Overall awareness levels have increased in the past two years. Two years ago, 67.9% of respondents said they were aware of weather-related dangers, compared to just 74.1% this year.

N=700

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	Yes	No
Less Than 1 Year	N=24	58.3%	41.7%
1 to 3 Years	N=66	71.2%	28.8%
4 to 10 Years	N=143	73.4%	26.6%
10 to 20 Years	N=185	77.3%	22.7%
More Than 20 Years	N=251	75.3%	24.7%
Refused/No Answer	N=31	67.7%	32.3%

Respondents who have lived in Southern Nevada for 10 to 20 years reported the highest awareness at 77.3 percent. In general, awareness increased along with length of residence. This inference is very prevalent in the increase from less than 1 year to 1 to 3 years in terms of length of residence.

N=700

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	Yes	No
White/Caucasian	N=363	78.0%	28.0%
Black/African American	N=52	65.4%	34.6%
Hispanic/Latino	N=203	69.0%	31.0%
Asian	N=41	68.3%	31.7%
Pacific Islander	N=9	88.9%	11.1%
Native American	N=7	85.7%	14.3%
Of Mixed Race/Ethnicity	N=22	77.3%	22.7%
Other	N=2	100.0%	0.0%

Other than the Asian group, all groups of respondents increased their awareness of weather-related dangers in Southern Nevada. The largest increase from any one group was seen in the Black/African American respondents who increased from 54.0 percent responding “Yes” in 2017 and now 65.4 percent responding “Yes” in 2019.

N=700

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Educational Attainment

Educational Attainment	Sample Size	Yes	No	Refused/NA
Less Than High School	N=17	58.8%	41.2%	0.0%
High School Graduate	N=142	73.9%	26.1%	0.0%
Some College, No Degree	N=185	73.5%	26.5%	0.9%
Two-Year College Degree	N=83	74.7%	25.3%	0.0%
Four-Year College Degree	N=136	77.2%	22.8%	0.0%
Some Post-Graduate Work	N=25	88.0%	12.0%	0.0%
Graduate/Professional Degree	N=74	75.7%	24.3%	0.0%
Other	N=4	25.0%	75.0%	0.0%
Refused/No Answer	N=34	64.7%	35.3%	0.0%

Overall, awareness increased with each higher educational attainment level. Additionally, each category of education attainment either increased from the 2017 survey or remained about the same. It is worth pointing out that there is about a 20 percent increase in awareness from those who indicated an educational attainment of less than high school to those who have a four-year college degree.

N=700

## Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Gender

Gender	Sample Size	Yes	No
Male	N=350	76.0%	24.0%
Female	N=350	72.3%	27.7%

Male and female respondents were nearly equally aware of weather-related dangers.





# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Owners/Renters

Ownership Status	Sample Size	Yes	No
Owner	N=402	79.4%	20.6%
Renter	N=298	67.1%	32.9%
Other	N=0	0.0%	0.0%

Homeowners were more aware of weather-related dangers compared to renters. This is a significant change from 2017 when approximately 68 percent of homeowners and 68 percent of renters responded that they were aware of such dangers.

N=700

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Flood Channel TV Viewers

Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?	Sample Size	Yes	No
Yes	N=95	78.9%	21.1%
No	N=195	76.4%	23.6%
Refused/NA	N=1	100.0%	0.0%

Contrary to what one might believe, The Flood Channel Television Program does not seem to affect general awareness of weather-related dangers with only a 2.5 percent difference in awareness between viewers and non-viewers. However, awareness between both of these groups increased from 2017. Respondents who indicated “Yes” moved from 71.6 percent to 78.9 percent while those who indicated “No” moved from 68.1 percent to 76.4 percent.

N=291

# Q1: Are you aware of any weather-related dangers that can occur in the Southern Nevada area? Responses by Weather Forecast Usage

How often would you say you check your local weather forecast?	Sample Size	Yes	No
More than Once Per Day	N=151	78.1%	21.9%
Once Per Day	N=241	73.4%	26.6%
Several Times Per Week	N=139	76.3%	23.7%
Once Per Week	N=50	78.0%	22.0%
Rarely/Only on Occasion	N=77	67.5%	32.5%
Never	N=8	50.0%	50.0%
Refused/No Answer	N=34	67.6%	32.4%

Respondents that check the local weather at least once per week all had similar awareness levels. The respondents that answered rarely/only on occasion bucked this trend as awareness levels were still quite high for this group.

N=700

# Q3A: Threat of Floods/Flash Floods

## Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	1 (Minimal Threat)	2	3	4	5 (Serious Threat)	Refused/ NA
Less Than 1 Year	N=24	12.5%	12.5%	16.7%	25.0%	33.3%	0.0%
1 to 3 Years	N=66	9.1%	7.6%	25.8%	25.8%	31.8%	0.0%
4 to 10 Years	N=143	13.3%	5.6%	16.8%	21.7%	42.7%	0.0%
10 to 20 Years	N=185	1.6%	7.0%	20.0%	30.8%	40.5%	0.0%
More Than 20 Years	N=251	6.8%	7.6%	14.3%	25.9%	45.4%	0.0%
Refused/No Answer	N=31	12.9%	9.7%	29.0%	22.6%	22.6%	3.2%

Respondents who lived in Southern Nevada for 3 years or less had a noticeable awareness level difference from those who have lived in Southern Nevada 4 year or longer.

N=700

## Q5: How likely is it that flash flooding will occur in Clark County during the next 12 months? Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	Very Likely	Somewhat Likely	Somewhat Unlikely	Very Unlikely	Refused/NA
Less Than 1 Year	N=24	20.8%	45.8%	20.8%	12.5%	0.0%
1 to 3 Years	N=66	25.8%	56.1%	12.1%	6.1%	0.0%
4 to 10 Years	N=143	44.8%	31.5%	13.3%	10.5%	0.0%
10 to 20 Years	N=185	47.0%	36.8%	10.8%	4.3%	1.1%
More Than 20 Years	N=251	47.4%	31.1%	10.8%	10.4%	0.4%
Refused/No Answer	N=31	38.7%	16.1%	29.0%	12.9%	3.2%

47 percent of respondents who indicated that they have lived in Southern Nevada for at least 10 years think flash flooding is “Very Likely” to occur in the next year. Awareness increased for each length of residence and finally peaking with those who have lived here longer than 20 years.

N=700

# Q10: About how deep do flood waters need to be to become dangerous? Responses by Respondents Who Encountered a Flooded Street

Action	Sample Size	All Flood Waters Are Potentially Dangerous	0 to 1 Inch	1.1 to 3 Inches	3.1 to 6 Inches	6.1 Inches to 1 Foot	1.1 to 2 Feet	2.1 to 3 Feet	Greater Than 3 Feet	Refused /NA
Turned Back & Took Alternative Route	N=291	19.2%	8.6%	19.9%	23.0%	14.8%	7.6%	1.4%	2.7%	2.7%
Waited for Waters To Go Down, Then Drove Through It	N=21	14.3%	4.8%	9.5%	28.6%	14.3%	19.0%	0.0%	4.8%	4.8%
Drove Through It & Made It	N=172	16.9%	1.7%	25.6%	23.3%	16.9%	5.8%	4.1%	2.9%	2.9%
Drove Through It & Got Stuck	N=7	42.9%	0.0%	0.0%	28.6%	0.0%	14.3%	0.0%	14.3%	0.0%
Other	N=10	33.3%	0.0%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Don't Remember	N=3	10.0%	0.0%	30.0%	10.0%	20.0%	0.0%	10.0%	0.0%	20.0%
Refused/NA	N=2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%

N=506

## Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Age

Age Category	Sample Size	True	False	DK/Refused
18 to 20	N=31	35.5%	29.0%	35.5%
21 to 24	N=44	43.2%	18.2%	38.6%
25 to 34	N=139	37.4%	29.5%	33.1%
35 to 49	N=212	27.4%	48.6%	24.1%
50 to 54	N=49	18.4%	65.3%	16.3%
55 to 64	N=119	16.8%	67.2%	16.0%
65 or Older	N=106	13.2%	69.8%	17.0%

The older the respondent, they were less likely to believe that homeowners insurance covers storm-related flood damage.

N=700

## Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	True	False	DK/Refused
White/Caucasian	N=364	21.7%	58.0%	20.3%
Black/African American	N=52	30.8%	40.4%	28.8%
Hispanic/Latino	N=203	29.6%	42.4%	28.1%
Asian	N=41	39.0%	36.6%	24.4%
Pacific Islander	N=9	55.6%	11.1%	33.3%
Native American	N=7	14.3%	57.1%	28.6%
Of Mixed Race/Ethnicity	N=22	22.7%	36.4%	40.9%
Other	N=2	50.0%	50.0%	0.0%

Nearly ten percent more of the Hispanic/Latino respondents believed homeowners insurance covers storm-related flood damage compared to the White/Caucasian respondents (30 percent vs. 22 percent, respectively).

N=700



# Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Educational Attainment

Educational Attainment	Sample Size	True	False	DK/Refused
Less Than High School	N=17	29.4%	11.8%	58.8%
High School Graduate	N=142	33.8%	43.7%	22.5%
Some College, No Degree	N=185	27.6%	43.2%	29.2%
Two-Year College Degree	N=83	22.9%	50.6%	26.5%
Four-Year College Degree	N=136	26.5%	52.2%	21.3%
Some Post-Graduate Work	N=25	12.0%	80.0%	8.0%
Graduate/Professional Degree	N=74	17.6%	66.2%	16.2%
Other	N=4	50.0%	25.0%	25.0%
Refused/No Answer	N=34	17.6%	58.8%	23.5%

Generally, respondents with greater educational attainment were less likely to believe storm-related flood damage is covered by homeowners insurance. This is very prevalent between those who have a four-year college degree and those who have post-graduate work, with belief falling from 26.5 percent “True” to 12.0 percent “True”.

N=700

# Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Gender

Gender	Sample Size	True	False	DK/Refused
Male	N=350	27.1%	53.4%	19.4%
Female	N=350	25.1%	45.7%	29.1%

N=700

# Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Employment Status

Employment Status	Sample Size	True	False	DK/Refused
Employed Full-Time	N=305	30.8%	46.6%	22.6%
Employed Part-Time	N=68	32.4%	33.8%	33.8%
Self-Employed	N=54	14.8%	61.1%	24.1%
Student	N=19	21.1%	31.6%	47.7%
Unemployed & Looking for Work	N=41	43.9%	31.7%	24.4%
Unemployed & Not Looking for Work	N=7	14.3%	28.6%	57.1%
Full-Time Parent or Homemaker	N=34	29.4%	38.2%	32.4%
Retired	N=114	14.0%	72.8%	13.2%
Disabled	N=26	19.2%	50.0%	30.8%
Other	N=2	50.0%	50.0%	0.0%
Refused/No Answer	N=30	13.3%	60.0%	26.7%

N=700

## Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Owners/Renters

Ownership Status	Sample Size	True	False	DK/Refused
Owner	N=402	21.6%	58.7%	19.7%
Renter	N=298	32.2%	37.2%	30.5%

Homeowners were more aware of insurance limitations, with 59 percent responding “false” compared to just 37 percent of renters. Additionally, renters were much more likely to respond with “Don’t Know” or “Refused” compared to homeowners.

N=700

# Q12a: Homeowners insurance generally covers homeowners from storm-related flood damage. Responses by Flood Channel TV Viewers

Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?	Sample Size	True	False	DK/Refused
Yes	N=95	33.7%	44.2%	22.1%
No	N=195	26.2%	54.4%	19.5%
Refused/NA	N=1	0.0%	100.0%	0.0%

Flood Channel viewers were more likely to believe that homeowner’s insurance covers flood damage. Compared to the 2017 survey, the share of those who watch the Flood Channel and believe homeowners insurance covers storm-related flood damage dropped by 10 percent.

N=291

## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Age

Age Category	Sample Size	True	False	DK/Refused
18 to 20	N=31	25.8%	35.5%	38.7%
21 to 24	N=44	11.4%	70.5%	18.2%
25 to 34	N=139	26.6%	50.4%	23.0%
35 to 49	N=212	34.0%	44.8%	21.2%
50 to 54	N=49	38.8%	44.9%	16.3%
55 to 64	N=119	45.4%	42.9%	11.8%
65 or Older	N=106	38.7%	41.5%	19.8%

The proportion of people responding “True” increased steadily along with the age of respondents except for respondents aged 21 to 24 who bucked the trend.

N=700

## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	True	False	DK/Refused
Less Than 1 Year	N=24	29.2%	50.0%	20.8%
1 to 3 Years	N=66	25.8%	45.5%	28.8%
4 to 10 Years	N=143	31.5%	49.0%	19.6%
10 to 20 Years	N=185	31.4%	42.2%	26.5%
More Than 20 Years	N=251	39.4%	48.2%	12.4%
Refused/No Answer	N=31	32.3%	41.9%	25.8%

The longer a respondents has lived in Southern Nevada, the more likely they are to be aware about needing flood insurance.

N=700

## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	True	False	DK/Refused
White/Caucasian	N=364	37.4%	42.3%	20.3%
Black/African American	N=52	30.8%	50.0%	19.2%
Hispanic/Latino	N=203	31.0%	48.3%	20.7%
Asian	N=41	24.4%	61.0%	14.6%
Pacific Islander	N=9	33.3%	33.3%	33.3%
Native American	N=7	42.9%	57.1%	0.0%
Of Mixed Race/Ethnicity	N=22	18.2%	59.1%	22.7%
Other	N=2	50.0%	50.0%	0.0%

The share of Black/African Americans believing this statement was true fell sharply from 2017 when 40 percent responded as such. The same also held true for Asians, with 33 percent responding “True” in 2017 and nearly 24 percent doing so this year.

N=700



## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Educational Attainment

Educational Attainment	Sample Size	True	False	DK/Refused
Less Than High School	N=17	0.0%	64.7%	35.3%
High School Graduate	N=142	40.8%	45.1%	14.1%
Some College, No Degree	N=185	31.4%	45.4%	23.2%
Two-Year College Degree	N=83	36.1%	42.2%	21.7%
Four-Year College Degree	N=136	36.0%	43.4%	20.6%
Some Post-Graduate Work	N=25	36.0%	52.0%	12.0%
Graduate/Professional Degree	N=74	28.4%	52.7%	18.9%
Other	N=4	25.0%	75.0%	0.0%
Refused/No Answer	N=34	29.4%	47.1%	23.5%

Overall, respondents with greater educational attainment were more likely to rate this statement as “True” except for respondents that indicated the educational attainment as Graduate/Professional Degree that resisted the trend.

N=700

## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Gender

Gender	Sample Size	True	False	DK/Refused
Male	N=350	33.4%	47.7%	18.9%
Female	N=350	34.0%	44.9%	21.1%

N=700

# Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Employment Status

Employment Status	Sample Size	True	False	DK/Refused
Employed Full-Time	N=305	37.0%	41.6%	21.3%
Employed Part-Time	N=68	17.6%	63.2%	19.1%
Self-Employed	N=54	38.9%	51.9%	9.3%
Student	N=19	21.1%	57.9%	21.1%
Unemployed & Looking for Work	N=41	22.0%	51.2%	26.8%
Unemployed & Not Looking for Work	N=7	28.6%	57.1%	14.3%
Full-Time Parent or Homemaker	N=34	29.4%	47.1%	23.5%
Retired	N=114	42.1%	43.9%	14.0%
Disabled	N=26	23.1%	42.3%	34.6%
Other	N=2	50.0%	50.0%	0.0%
Refused/No Answer	N=30	33.3%	40.0%	26.7%

N=700

## Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Owners/Renters

Ownership Status	Sample Size	True	False	DK/Refused
Owner	N=402	39.1%	43.8%	17.2%
Renter	N=298	26.5%	49.7%	23.8%

Homeowners were more likely to rate the statement as “True,” while renters were much more likely to respond that they did not know, continuing a similar trend from the past few years.

N=700

# Q12b: Only people living in a high-risk flood zone are required to have flood insurance coverage. Responses by Flood Channel TV Viewers

Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?	Sample Size	True	False	DK/Refused
Yes	N=95	33.7%	51.6%	14.7%
No	N=195	31.8%	48.7%	19.5%
Refused/No Answer	N=1	100.0%	0.0%	0.0%

Flood channel viewers were slightly more likely to rate the statement as “True” but the difference is small compared to the previous survey. In 2017, 46 percent of Flood Channel viewers believed this to be “True” and 38 percent of non-viewers believed it to be “True”.

N=291

## Q12c: Flood insurance is only available to those who live in a high-risk flood zone. Responses by Age

Age Category	Sample Size	True	False	DK/Refused
18 to 20	N=31	35.5%	32.3%	32.3%
21 to 24	N=44	11.4%	65.9%	22.7%
25 to 34	N=139	13.7%	59.7%	26.6%
35 to 49	N=212	14.6%	61.3%	24.1%
50 to 54	N=49	6.1%	77.6%	16.3%
55 to 64	N=119	13.4%	77.3%	9.2%
65 or Older	N=106	12.3%	67.9%	19.8%

Ignoring any groups with a sample size under 50 persons, between 12 and 15 percent believed the statement to be “True.”

N=700

## Q12c: Flood insurance is only available to those who live in a high-risk flood zone. Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	True	False	DK/Refused
Less Than 1 Year	N=36	12.5%	58.3%	29.2%
1 to 3 Years	N=76	13.6%	50.0%	36.4%
4 to 10 Years	N=130	17.5%	58.7%	23.8%
10 to 20 Years	N=196	14.6%	62.7%	22.7%
More Than 20 Years	N=270	13.1%	72.9%	13.9%
Refused/No Answer	N=5	3.2%	77.4%	19.4%

Respondents who have lived in Southern Nevada longer were generally more aware that flood insurance is available for any resident that would like protection.

N=700

## Q12c: Flood insurance is only available to those who live in a high-risk flood zone. Responses by Gender

Gender	Sample Size	True	False	DK/Refused
Male	N=350	14.0%	68.6%	17.4%
Female	N=350	14.0%	61.1%	24.9%

Equal numbers of Female and Male respondents indicated it is “True” that flood insurance is only available to those who live in high-risk flood zones.

N=700



## Q12c: Flood insurance is only available to those who live in a high-risk flood zone. Responses by Owners/Renters

Ownership Status	Sample Size	True	False	DK/Refused
Owner	N=402	12.9%	68.4%	18.7%
Renter	N=298	15.4%	60.1%	24.5%

Homeowners were more likely to believe that flood insurance is not only available to those who live in high-risk flood zones. This continued the trend from 2017 when 72 percent of respondents indicated “False”.

N=700

## Q12c: Flood insurance is only available to those who live in a high-risk flood zone. Responses by Flood Channel TV Viewers

Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?	Sample Size	True	False	Don't Know
Yes	N=95	18.9%	58.9%	22.1%
No	N=195	13.8%	70.3%	15.9%
Refused/No Answer	N=1	0.0%	100.0%	0.0%

Flood Channel viewers were more likely than others to label the statement as “True” but not as likely as they were in 2017 when 23 percent of Flood Channel viewers responded “True”.

N=291

## Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Age

Age Category	Sample Size	Yes	No	Refused/NA
18 to 20	N=21	76.2%	19.0%	4.8%
21 to 24	N=41	70.7%	26.8%	2.4%
25 to 34	N=115	52.2%	45.2%	2.6%
35 to 49	N=185	41.1%	56.8%	2.2%
50 to 54	N=46	34.8%	58.7%	6.5%
55 to 64	N=104	21.2%	71.2%	7.7%
65 or Older	N=98	24.5%	69.4%	6.1%

Generally, younger age groups were more likely to consider buying flood insurance if it would cost them about a dollar per day with a significant drop off happening from respondents ages 21 to 24 to respondents ages 25-34.

N=610

# Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	Yes	No	Refused/NA
White/Caucasian	N=326	33.7%	61.3%	4.9%
Black/African American	N=43	53.5%	46.5%	0.0%
Hispanic/Latino	N=169	50.3%	44.4%	5.3%
Asian	N=34	47.1%	52.9%	0.0%
Pacific Islander	N=8	12.5%	87.5%	0.0%
Native American	N=7	28.6%	71.4%	0.0%
Of Mixed Race/Ethnicity	N=22	27.3%	68.2%	4.5%
Other	N=1	0.0%	100.0%	0.0%

Hispanic/Latinos, Black/African Americans, and Asians were more likely to consider buying flood insurance than White/Caucasian (50, 54, and 47 percent vs. 34 percent, respectively).

N=610

## Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Gender

Gender	Sample Size	Yes	No	Refused/NA
Male	N=300	34.0%	63.3%	2.7%
Female	N=310	45.5%	48.7%	5.8%

Male respondents were less likely to consider buying flood insurance than female respondents. Male respondents significantly decreased their “Yes” responses from 2017, when 42 percent of males responded as such.

N=610

# Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Employment Status

Employment Status	Sample Size	Yes	No	Refused/NA
Employed Full-Time	N=260	43.1%	51.9%	5.0%
Employed Part-Time	N=60	51.7%	48.3%	0.0%
Self-Employed	N=48	33.3%	66.7%	0.0%
Student	N=15	60.0%	33.3%	6.7%
Unemployed & Looking for Work	N=35	57.1%	42.9%	0.0%
Unemployed & Not Looking for Work	N=6	33.3%	66.7%	0.0%
Full-Time Parent or Homemaker	N=31	41.9%	58.1%	0.0%
Retired	N=103	22.3%	73.8%	3.9%
Disabled	N=23	47.8%	43.5%	8.7%
Other	N=2	50.0%	50.0%	0.0%
Refused/No Answer	N=27	18.5%	59.3%	22.2%

N=610

# Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Owners/Renters

Ownership Status	Sample Size	Yes	No	Refused/NA
Owner	N=343	35.6%	59.8%	4.7%
Renter	N=267	45.3%	50.9%	3.7%

Renters are more likely than owners to consider buying flood insurance (45 percent vs. 36 percent, respectively.) However, both groups saw a decrease in likelihood to buy flood insurance as owners fell from 41 percent to 36 percent and renters fell from 52 percent to 45.

N=610

# Q16: Would you consider buying flood insurance if it would cost you about a dollar per day? Responses by Flood Channel TV Viewers

Have you ever watched “The Flood Channel Television Program” on Cox Digital Cable channels 2 or 4?	Sample Size	Yes	No	Refused/NA
Yes	N=64	57.8%	39.1%	3.1%
No	N=173	46.8%	50.9%	2.3%
Refused/No Answer	N=1	0.0%	0.0%	100.0%

Responses based on Flood Channel viewing flipped from 2017, when respondents who had watched the program were less likely to consider purchasing flood insurance (41 percent vs. 48 percent).

N=238



# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
Less Than 1 Year	N=17	58.8%	5.9%	29.4%	0.0%	5.9%	0.0%	0.0%
1 to 3 Years	N=33	45.5%	3.0%	51.5%	0.0%	0.0%	0.0%	0.0%
4 to 10 Years	N=94	52.1%	4.3%	39.4%	1.1%	1.1%	2.1%	0.0%
10 to 20 Years	N=138	60.9%	5.1%	31.2%	1.4%	0.0%	1.4%	0.0%
More Than 20 Years	N=209	58.4%	3.8%	32.2%	1.4%	0.0%	1.4%	0.0%
Refused/No Answer	N=15	73.3%	0.0%	20.0%	0.0%	0.0%	0.0%	6.7%

Excluding the small sample size for those who have lived in Southern Nevada less than 1 year, the longer period of time respondents have lived in Southern Nevada the more likely they are to turn back and take an alternative route.

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Educational Attainment

Educational Attainment	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
Less Than High School	N=11	45.5%	0.0%	54.5%	0.0%	0.0%	0.0%	0.0%
High School Graduate	N=106	56.6%	1.9%	34.9%	1.9%	0.9%	3.8%	0.0%
Some College, No Degree	N=141	53.9%	5.0%	36.9%	2.1%	0.7%	1.4%	0.0%
Two-Year College Degree	N=62	53.2%	8.1%	37.1%	1.6%	0.0%	0.0%	0.0%
Four-Year College Degree	N=95	64.2%	3.2%	29.5%	0.0%	0.0%	3.2%	0.0%
Some Post-Graduate Work	N=18	66.7%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%
Graduate/Professional Degree	N=53	58.5%	7.5%	30.2%	0.0%	0.0%	1.9%	1.9%
Other	N=3	0.0%	0.0%	33.3%	33.3%	33.3%	0.0%	0.0%
Refused/No Answer	N=17	76.5%	0.0%	17.6%	0.0%	0.0%	0.0%	5.9%

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Gender

Gender	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
Male	N=259	59.1%	5.4%	33.2%	1.2%	0.0%	1.2%	0.0%
Female	N=247	55.9%	2.8%	34.8%	1.6%	1.2%	2.8%	0.8%

An equal number of males and females reported driving through the flooded street and making it.

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Employment Status

Employment Status	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
Employed Full-Time	N=228	59.2%	3.9%	33.3%	1.3%	0.4%	1.8%	0.0%
Employed Part-Time	N=51	47.1%	5.9%	39.2%	2.0%	2.0%	3.9%	0.0%
Self-Employed	N=42	64.3%	2.4%	31.0%	0.0%	0.0%	0.0%	2.4%
Student	N=13	30.8%	0.0%	61.5%	0.0%	0.0%	7.7%	0.0%
Unemployed & Looking for Work	N=26	42.3%	7.7%	46.2%	3.8%	0.0%	0.0%	0.0%
Unemployed & Not Looking for Work	N=6	16.7%	0.0%	83.3%	0.0%	0.0%	0.0%	0.0%
Full-Time Parent or Homemaker	N=24	62.5%	0.0%	37.5%	0.0%	0.0%	0.0%	0.0%
Retired	N=81	65.4%	7.4%	23.5%	1.2%	0.0%	2.5%	0.0%
Disabled	N=20	50.0%	0.0%	40.0%	5.0%	0.0%	5.0%	0.0%
Refused/No Answer	N=15	73.3%	0.0%	13.3%	0.0%	6.7%	0.0%	6.7%

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Owners/Renters

Ownership Status	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
Owner	N=293	64.8%	5.5%	26.3%	0.7%	0.3%	2.0%	0.3%
Renter	N=213	47.4%	2.3%	44.6%	2.3%	0.9%	1.9%	0.5%

Respondents who rent their home were significantly more likely to report driving through flooded streets than those who own.

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
White/Caucasian	N=268	59.3%	5.2%	32.5%	0.0%	0.4%	2.2%	0.4%
Black/African American	N=36	52.8%	2.8%	41.7%	2.8%	0.0%	0.0%	0.0%
Hispanic/Latino	N=148	57.4%	2.0%	32.4%	3.4%	1.4%	2.7%	0.7%
Asian	N=26	46.2%	7.7%	46.2%	0.0%	0.0%	0.0%	0.0%
Pacific Islander	N=6	66.7%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%
Native American	N=7	71.4%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%
Of Mixed Race/Ethnicity	N=14	50.0%	7.1%	35.7%	7.1%	0.0%	0.0%	0.0%
Other	N=1	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

N=506

# Q18: Thinking back to the last time you came to a flooded street, what best describes what you or the driver did? Responses by Age

Age Category	Sample Size	Turned Back, Took Alternative Route	Waited, Then Drove Through It	Drove Through It & Made It	Drove Through It & Got Stuck	Other	Don't Remember	Refused/ NA
18 to 20	N=17	17.6%	0.0%	70.6%	5.9%	0.0%	5.9%	0.0%
21 to 24	N=31	38.7%	0.0%	54.8%	3.2%	0.0%	3.2%	0.0%
25 to 34	N=98	60.2%	2.0%	31.6%	2.0%	1.0%	2.0%	2.0%
35 to 49	N=159	58.5%	4.4%	33.3%	0.6%	0.6%	1.9%	0.6%
50 to 54	N=38	71.1%	7.9%	18.4%	0.0%	2.6%	0.0%	0.0%
55 to 64	N=94	57.4%	6.4%	33.0%	2.1%	0.0%	1.1%	0.0%
65 or Older	N=69	62.3%	4.3%	30.4%	0.0%	0.0%	2.9%	0.0%

In general, the older the respondent, the more likely they were to turn back and find an alternate route when faced with a flooded street.

N=506

## Q26: How often would you say you check your local weather forecast? Responses by Age

Age Category	Sample Size	More than Once Per Day	Once Per Day	Several Times Per Week	Once Per Week	Rarely/ Only on Occasion	Never	Refused/ NA
18 to 20	N=31	12.9%	29.0%	32.3%	12.9%	12.9%	0.0%	0.0%
21 to 24	N=44	9.1%	31.8%	13.6%	20.5%	20.5%	0.0%	4.5%
25 to 34	N=139	19.4%	28.8%	25.9%	7.2%	13.7%	0.7%	4.4%
35 to 49	N=212	20.8%	34.0%	18.9%	8.0%	13.2%	1.4%	3.7%
50 to 54	N=49	20.4%	38.8%	18.4%	12.2%	4.1%	2.0%	4.1%
55 to 64	N=119	22.7%	37.8%	19.3%	2.5%	9.2%	2.5%	5.8%
65 or Older	N=106	33.0%	39.6%	14.2%	0.9%	3.8%	0.0%	8.5%

The older a given respondent was, it was significantly more likely for them to check the weather more than once per day.

N=700



## Q26: How often would you say you check your local weather forecast? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	More than Once Per Day	Once Per Day	Several Times Per Week	Once Per Week	Rarely/ Only on Occasion	Never	Refused/ NA
White/Caucasian	N=364	23.9%	34.3%	18.1%	6.6%	9.1%	1.6%	6.3%
Black/African American	N=52	30.8%	36.5%	15.4%	3.8%	11.5%	0.0%	1.9%
Hispanic/Latino	N=203	17.7%	35.0%	22.7%	7.9%	13.8%	0.5%	2.5%
Asian	N=41	17.1%	26.8%	34.1%	9.8%	7.3%	0.0%	4.9%
Pacific Islander	N=9	11.1%	22.2%	11.1%	22.2%	33.3%	0.0%	0.0%
Native American	N=7	14.3%	71.4%	0.0%	14.3%	0.0%	0.0%	0.0%
Of Mixed Race/Ethnicity	N=22	13.6%	27.3%	18.2%	4.5%	18.2%	4.5%	13.6%
Other	N=2	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Nearly equal share of White/Caucasian, Black/African American, and Hispanic/Latino demographics check the forecast at least once a day.

N=700

## Q26: How often would you say you check your local weather forecast? Responses by Gender

Gender	Sample Size	More than Once Per Day	Once Per Day	Several Times Per Week	Once Per Week	Rarely/ Only on Occasion	Never	Refused/ NA
Male	N=350	22.6%	36.9%	18.6%	6.6%	10.0%	0.6%	4.9%
Female	N=350	20.6%	32.0%	21.1%	7.7%	12.0%	1.7%	4.9%

A higher share of males than females check their local weather forecast at least once per day (37 percent vs. 32 percent, respectively). However, females were more likely to check the weather forecast several times per week (21 percent vs. 19 percent, respectively).

N=700

# Q26: How often would you say you check your local weather forecast? Responses by Employment Status

Employment Status	Sample Size	More than Once Per Day	Once Per Day	Several Times Per Week	Once Per Week	Rarely/ Only on Occasion	Never	Refused/ NA
Employed Full-Time	N=305	21.0%	33.4%	21.6%	8.5%	12.5%	2.0%	1.0%
Employed Part-Time	N=68	16.2%	29.4%	25.0%	10.3%	17.6%	1.5%	0.0%
Self-Employed	N=54	20.4%	27.8%	18.5%	13.0%	20.4%	0.0%	0.0%
Student	N=19	10.5%	26.3%	31.6%	10.5%	21.1%	0.0%	0.0%
Unemployed & Looking for Work	N=41	29.3%	48.8%	12.2%	4.9%	2.4%	0.0%	2.4%
Unemployed & Not Looking for Work	N=7	14.3%	57.1%	0.0%	0.0%	14.3%	0.0%	14.3%
Full-Time Parent or Homemaker	N=34	20.6%	26.5%	32.4%	8.8%	8.8%	2.9%	0.0%
Retired	N=114	33.3%	46.5%	14.0%	1.8%	4.4%	0.0%	0.0%
Disabled	N=26	15.4%	46.2%	26.9%	3.8%	3.8%	0.0%	3.8%
Other	N=2	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%
Refused/No Answer	N=30	3.3%	3.3%	0.0%	0.0%	0.0%	0.0%	93.3%

N=704

N=700

## Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Age

Age Category	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/ NA
18 to 20	N=31	87.1%	12.9%	45.2%	19.4%	0.0%	45.2%	0.0%	0.0%
21 to 24	N=44	77.3%	20.5%	38.6%	9.1%	2.3%	36.4%	0.0%	4.5%
25 to 34	N=139	80.6%	16.5%	36.0%	13.7%	0.7%	30.9%	0.7%	2.2%
35 to 49	N=212	72.2%	17.0%	44.3%	12.7%	2.8%	29.7%	0.9%	2.8%
50 to 54	N=49	77.6%	10.2%	34.7%	12.2%	6.1%	24.5%	4.1%	4.1%
55 to 64	N=119	63.0%	8.4%	53.8%	13.4%	5.0%	41.2%	2.5%	5.0%
65 or Older	N=106	50.9%	6.6%	66.0%	14.2%	14.2%	30.2%	1.9%	8.5%

Younger age groups were more likely to use a weather app or other apps on their smart device to check the local weather forecast, while older age groups were more likely to use television. Additionally, there was a large age gap in those who use the Newspaper for the local weather forecast with over 14 percent of those 65 or older reading the newspaper.

Note: Sample size refers to the number of respondents, not the number of responses (1,305).

N=700

## Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/NA
Less Than 1 Year	N=24	83.3%	16.7%	41.7%	12.5%	0.0%	25.0%	0.0%	0.0%
1 to 3 Years	N=66	74.2%	12.1%	53.0%	15.2%	3.0%	34.8%	0.0%	0.0%
4 to 10 Years	N=143	71.3%	18.2%	51.0%	16.1%	5.6%	42.0%	1.4%	0.0%
10 to 20 Years	N=185	76.8%	12.4%	46.5%	11.9%	2.7%	32.4%	1.6%	0.0%
More Than 20 Years	N=251	70.5%	13.1%	47.8%	13.9%	6.8%	31.5%	2.0%	0.0%
Refused/No Answer	N=31	9.7%	0.0%	6.5%	0.0%	0.0%	3.2%	0.0%	90.3%

Residents who have lived in Southern Nevada for more than 20 years were the least likely to use the weather app but most likely to use the newspaper for the local weather forecast.

Note: Sample size refers to the number of respondents, not the number of responses (1,305).

N=700

# Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/ NA
White/Caucasian	N=364	66.5%	11.8%	49.7%	11.3%	6.3%	29.7%	1.6%	5.2%
Black/African American	N=52	61.5%	13.5%	55.8%	19.2%	1.9%	25.0%	0.0%	1.9%
Hispanic/Latino	N=203	79.8%	14.8%	42.9%	15.3%	2.5%	38.9%	1.5%	1.5%
Asian	N=41	73.2%	19.5%	39.0%	12.2%	2.4%	34.1%	2.4%	4.9%
Pacific Islander	N=9	88.9%	11.1%	44.4%	22.2%	0.0%	44.4%	0.0%	0.0%
Native American	N=7	57.1%	14.3%	42.9%	28.6%	14.3%	71.4%	0.0%	0.0%
Of Mixed Race/Ethnicity	N=22	63.6%	18.2%	22.7%	9.1%	4.5%	27.3%	0.0%	13.6%
Other	N=2	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Note: Sample size refers to the number of respondents, not the number of responses (1,305).

N=700



# Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Educational Attainment

Educational Attainment	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/NA
Less Than High School	N=17	70.6%	35.3%	64.7%	11.8%	5.9%	29.4%	0.0%	0.0%
High School Graduate	N=142	69.7%	14.8%	54.2%	23.9%	4.9%	38.7%	2.8%	0.0%
Some College, No Degree	N=185	76.2%	14.6%	47.6%	10.3%	3.8%	34.6%	1.1%	0.0%
Two-Year College Degree	N=83	81.9%	10.8%	42.2%	12.0%	4.8%	33.7%	2.4%	0.0%
Four-Year College Degree	N=136	69.9%	14.0%	52.2%	13.2%	4.4%	32.4%	0.7%	0.0%
Some Post-Graduate Work	N=25	72.0%	8.0%	36.0%	12.0%	4.0%	48.0%	4.0%	0.0%
Graduate/Professional Degree	N=74	67.6%	12.2%	43.2%	8.1%	8.1%	25.7%	0.0%	0.0%
Other	N=4	100.0%	25.0%	25.0%	25.0%	0.0%	25.0%	0.0%	0.0%
Refused/No Answer	N=34	17.6%	0.0%	5.9%	0.0%	0.0%	2.9%	0.0%	82.4%

Note: Sample size refers to the number of respondents, not the number of responses (1,305).

N=700

## Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Gender

Gender	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/ NA
Male	N=350	67.1%	12.9%	49.7%	16.6%	6.6%	34.0%	1.7%	4.0%
Female	N=350	73.7%	14.0%	43.4%	10.0%	2.6%	31.4%	1.2%	4.0%

Female respondents were more likely to use the weather app to check the local weather forecast but male respondents were more likely to use the internet.

N=700

Note: Sample size refers to the number of respondents, not the number of responses (1,305).



# Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Employment Status

Employment Status	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused
Employed Full-Time	N=305	78.0%	16.7%	43.0%	14.8%	3.3%	34.8%	1.0%	0.0%
Employed Part-Time	N=68	80.9%	13.2%	42.6%	13.2%	0.0%	38.2%	1.5%	0.0%
Self-Employed	N=54	70.4%	20.4%	31.5%	14.8%	5.6%	35.2%	1.9%	0.0%
Student	N=19	89.5%	15.8%	42.1%	26.3%	0.0%	57.9%	0.0%	0.0%
Unemployed & Looking for Work	N=41	65.9%	17.1%	53.7%	7.3%	0.0%	17.1%	0.0%	0.0%
Unemployed & Not Looking for Work	N=7	71.4%	0.0%	42.9%	0.0%	0.0%	42.9%	0.0%	0.0%
Full-Time Parent or Homemaker	N=34	88.2%	5.9%	52.9%	2.9%	0.0%	20.6%	2.9%	0.0%
Retired	N=114	54.4%	6.1%	71.9%	16.7%	14.9%	36.0%	1.8%	0.0%
Disabled	N=26	65.4%	15.4%	57.7%	11.5%	7.7%	23.1%	7.7%	0.0%
Other	N=2	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Refused/No Answer	N=30	6.7%	0.0%	3.3%	0.0%	0.0%	3.3%	0.0%	93.3%

Note: Sample size refers to the number of respondents, not the number of responses (1,305).

N=700

## Q27: If you wanted to check your local weather forecast, which resources would you use? Responses by Owners/Renters

Ownership Status	Sample Size*	Weather App	Other App	Television	Radio	Newspaper	Internet	Other	Refused/ NA
Owner	N=402	67.4%	11.7%	48.3%	13.7%	5.7%	33.1%	1.7%	4.5%
Renter	N=298	74.5%	15.8%	44.3%	12.8%	3.0%	32.2%	1.0%	3.4%

Renters were more likely to use the weather app but owners were more likely to use television to check the local weather forecast.

N=700

Note: Sample size refers to the number of respondents, not the number of responses (1,305).



# Q28: Do you have Cox Digital Cable television?

## Responses by Age

Age Category	Sample Size	Yes	No	Refused/NA
18 to 20	N=31	38.7%	61.3%	0.0%
21 to 24	N=44	52.3%	43.2%	4.5%
25 to 34	N=139	30.9%	66.9%	2.2%
35 to 49	N=212	40.6%	56.6%	2.8%
50 to 54	N=49	44.9%	49.0%	6.1%
55 to 64	N=119	46.2%	48.7%	5.0%
65 or Older	N=106	47.2%	44.3%	8.5%

Respecting the small sample sizes, 25 to 34 year olds had the smallest share of Cox Digital Cable subscribers. Generally, older respondents were the most likely to have Cox Digital Cable television.

N=700

# Q28: Do you have Cox Digital Cable television?

## Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	Yes	No	Refused/NA
Less Than 1 Year	N=24	58.3%	41.7%	0.0%
1 to 3 Years	N=66	45.5%	54.5%	0.0%
4 to 10 Years	N=143	46.2%	53.8%	0.0%
10 to 20 Years	N=185	37.8%	62.2%	0.0%
More Than 20 Years	N=251	44.2%	55.4%	0.4%
Refused/No Answer	N=31	0.0%	9.7%	90.3%

While the sample size is limited, respondents who have lived in Southern Nevada for less than a year were the most likely to be Cox Digital Cable customers.

N=700

# Q28: Do you have Cox Digital Cable television?

## Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	Yes	No	Refused/NA
White/Caucasian	N=364	41.5%	53.0%	5.5%
Black/African American	N=52	48.1%	50.0%	1.9%
Hispanic/Latino	N=203	41.4%	57.1%	1.5%
Asian	N=41	31.7%	63.4%	4.9%
Pacific Islander	N=9	55.6%	44.4%	0.0%
Native American	N=7	57.1%	42.9%	0.0%
Of Mixed Race/Ethnicity	N=22	36.4%	50.0%	13.6%
Other	N=2	50.0%	50.0%	0.0%

When broken down by race or ethnicity, most groups of respondents were fairly similar as far as their share of Cox Digital Cable customers. Asian and mixed race respondents were somewhat of an outlier, with just 32 and 36 percent reporting that they have Cox Cable, compared with 41-57 percent in most other groups.

N=700

# Q28: Do you have Cox Digital Cable television?

## Responses by Educational Attainment

Educational Attainment	Sample Size	Yes	No	Refused/NA
Less Than High School	N=17	41.2%	58.8%	0.0%
High School Graduate	N=142	43.0%	57.0%	0.0%
Some College, No Degree	N=185	41.6%	58.4%	0.0%
Two-Year College Degree	N=83	44.6%	55.4%	0.0%
Four-Year College Degree	N=136	47.8%	52.2%	0.0%
Some Post-Graduate Work	N=25	48.0%	52.0%	0.0%
Graduate/Professional Degree	N=74	39.2%	59.5%	1.4%
Other	N=4	75.0%	25.0%	0.0%
Refused/No Answer	N=34	0.0%	17.6%	82.4%

In general, respondents with higher levels of educational attainment were more likely to report that they are Cox Digital Cable customers. Respondents with a Graduate/Professional Degree Educational Attainment were a slight outlier.

N=700

# Q28: Do you have Cox Digital Cable television?

## Responses by Employment Status

Employment Status	Sample Size	Yes	No	Refused/NA
Employed Full-Time	N=305	43.9%	55.7%	0.3%
Employed Part-Time	N=68	42.6%	57.4%	0.0%
Self-Employed	N=54	27.8%	72.2%	0.0%
Student	N=19	21.1%	78.9%	0.0%
Unemployed & Looking for Work	N=41	48.8%	51.2%	0.0%
Unemployed & Not Looking for Work	N=7	42.9%	57.1%	0.0%
Full-Time Parent or Homemaker	N=34	38.2%	61.8%	0.0%
Retired	N=114	51.8%	48.2%	0.0%
Disabled	N=26	50.0%	50.0%	0.0%
Other	N=2	50.0%	50.0%	0.0%
Refused/No Answer	N=30	0.0%	6.7%	93.3%

N=700

## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Age

Age Category	Sample Size	Yes	No	Refused/NA
18 to 20	N=12	41.7%	58.3%	0.0%
21 to 24	N=23	34.8%	65.2%	0.0%
25 to 34	N=43	46.5%	53.5%	0.0%
35 to 49	N=86	27.9%	72.1%	0.0%
50 to 54	N=22	45.5%	54.5%	0.0%
55 to 64	N=55	30.9%	69.1%	0.0%
65 or Older	N=50	22.0%	76.0%	0.0%

While the sample size is limited, respondents ages 25 to 34 were most likely to have watched The Flood Channel. Respondents ages 65 or older are the least likely group to watch The Flood Channel. In the 2019 survey, there was a large jump in those 18 to 20 who watch The Flood Channel, moving from 7 percent in 2017 to 42 percent this year.

N=291



## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Length of Residence

Length of Residence in Southern Nevada	Sample Size	Yes	No	Refused/NA
Less Than 1 Year	N=14	28.6%	71.4%	0.0%
1 to 3 Years	N=30	43.3%	56.7%	0.0%
4 to 10 Years	N=65	27.3%	72.7%	0.0%
10 to 20 Years	N=70	28.6%	71.4%	0.0%
More Than 20 Years	N=111	36.0%	63.1%	0.9%
Refused/No Answer	N=0	0.0%	0.0%	0.0%

Respondents who have lived in Southern Nevada longer and who have Cox Digital Cable television reported higher viewership of The Flood Channel. Most groups showed an increase in viewership from 2017, the largest coming from those who have lived in Southern Nevada for 1 to 3 years. In 2017, just 27 percent of those respondents had watched The Flood Channel, compared to 43 percent this year.

N=291

## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Race/Ethnicity

Race/Ethnicity	Sample Size	Yes	No	Refused/NA
White/Caucasian	N=151	28.5%	70.9%	0.7%
Black/African American	N=25	48.0%	52.0%	0.0%
Hispanic/Latino	N=84	36.9%	63.1%	0.0%
Asian	N=13	23.1%	76.9%	0.0%
Pacific Islander	N=5	20.0%	80.0%	0.0%
Native American	N=4	50.0%	50.0%	0.0%
Of Mixed Race/Ethnicity	N=8	25.0%	75.0%	0.0%
Other	N=1	100.0%	0.0%	0.0%

A greater share of the Black/African American demographic with Cox Digital Cable television reported having watched The Flood Channel compared to White/Caucasian and Hispanic/Latino (48 percent vs. 29 and 37 percent, respectively). Analyzing the largest group, viewership decreased from 33 percent in 2017 to 29 percent this year for the White/Caucasian group.

N=291

## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Educational Attainment

Educational Attainment	Sample Size	Yes	No	Refused/NA
Less Than High School	N=7	71.4%	28.6%	0.0%
High School Graduate	N=61	41.0%	57.4%	1.6%
Some College, No Degree	N=77	26.0%	74.0%	0.0%
Two-Year College Degree	N=37	43.2%	56.8%	0.0%
Four-Year College Degree	N=65	33.8%	66.2%	0.0%
Some Post-Graduate Work	N=12	16.7%	83.3%	0.0%
Graduate/Professional Degree	N=29	17.2%	82.8%	0.0%
Other	N=3	0.0%	100.0%	0.0%
Refused/No Answer	N=0	0.0%	0.0%	0.0%

General viewership of The Flood Channel decreased as respondents had a higher educational attainment. Analyzing the largest group, viewership by those with some college, no degree fell from 34 percent in 2017 to 26 percent in this year’s survey.

N=291

## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Gender

Gender	Sample Size	Yes	No	Refused/NA
Male	N=152	34.9%	65.1%	0.0%
Female	N=139	30.2%	69.1%	0.7%

Male and female respondents were similar in likelihood to report having watched The Flood Channel, bucking the trend from 2017 where males were significantly more likely to have watched The Flood Channel.

N=291

## Q29: Have you ever watched “The Flood Channel” on Cox Digital Cable channels 2 or 4? Responses by Employment Status

Employment Status	Sample Size	Yes	No	Refused/NA
Employed Full-Time	N=134	32.8%	67.2%	0.0%
Employed Part-Time	N=29	27.6%	72.4%	0.0%
Self-Employed	N=15	46.7%	53.3%	0.0%
Student	N=4	50.0%	50.0%	0.0%
Unemployed & Looking for Work	N=20	50.0%	50.0%	0.0%
Unemployed & Not Looking for Work	N=3	33.3%	66.7%	0.0%
Full-Time Parent or Homemaker	N=13	15.4%	84.6%	0.0%
Retired	N=59	28.8%	69.5%	1.7%
Disabled	N=13	30.8%	69.2%	0.0%
Other	N=1	0.0%	100.0%	0.0%
Refused/No Answer	N=0	0.0%	0.0%	0.0%

N=291



# 2019 Flood Awareness Survey

Preliminary Draft | For Discussion Purposes Only

