

ACTION PLAN FOR DISASTER RECOVERY 2015 FLOOD EVENTS

City of Houston
Sylvester Turner, Mayor

Housing and Community Development Department
Tom McCasland, Interim Director



CITY OF HOUSTON
HOUSING AND
COMMUNITY
DEVELOPMENT



Public Meeting September 8, 2016

What is the purpose of this meeting?

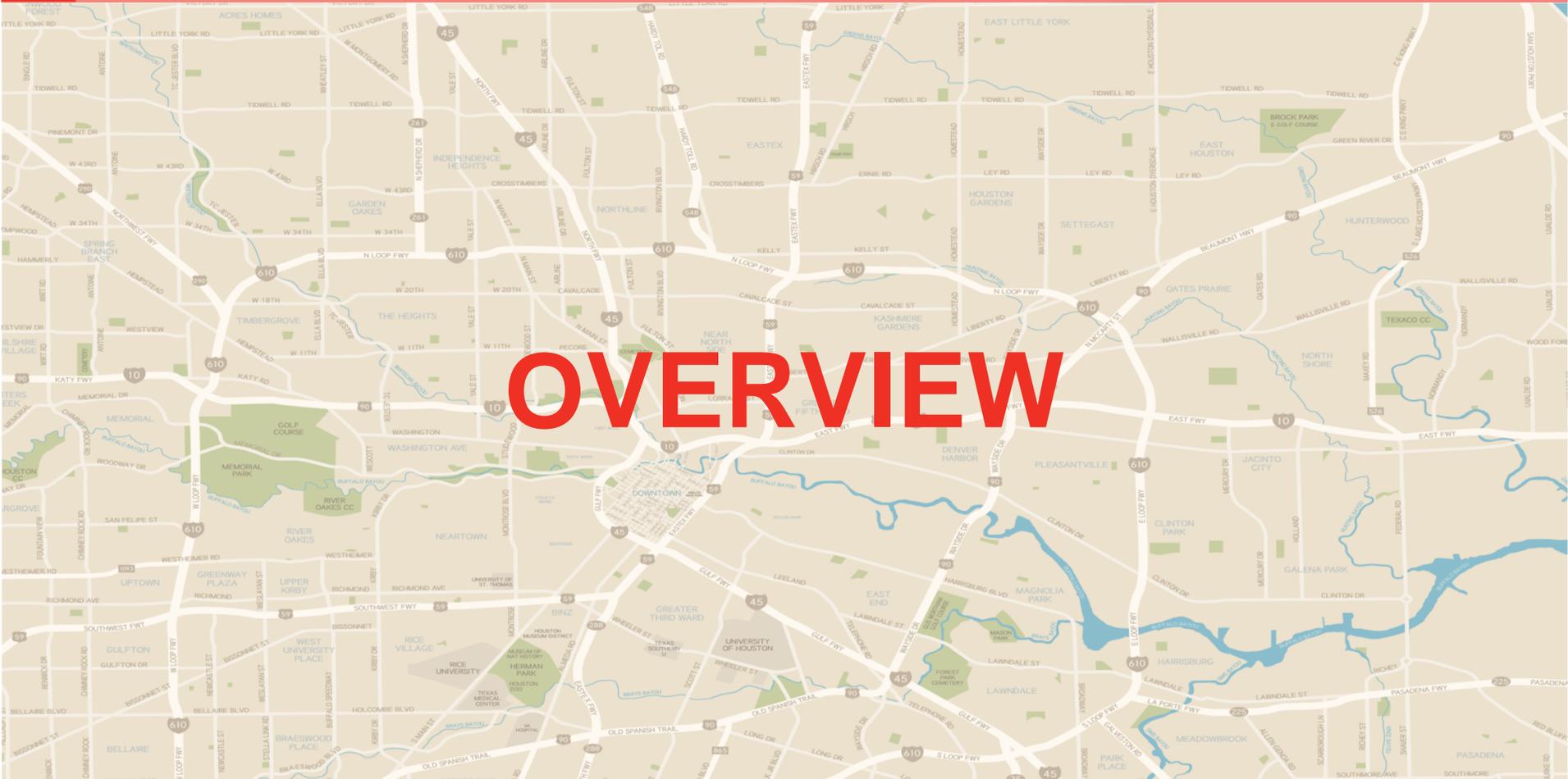
To give Houstonians the opportunity to provide additional comments and feedback in the development of the **Action Plan for Disaster Recovery**



Format

- **Summary of the process**
- **You participate in a survey**
- **You give your thoughts, concerns, and suggestions on how to limit future flooding in your community**
- **Your feedback will inform our process**
- **Your comments will become part of Action Plan**
- **Not a Q&A format, but...**
 - **We will provide clarification and short answers where possible**
 - **You may be directed to subject matter experts in the room**





OVERVIEW



2015 Memorial Day Storm – May 31, 2015 Brutal storm system ravages Houston



Photo by Matt Aufdenspring/KPRC2

Memorial Day Storm Housing and Infrastructure Impact \$518,155,041.16*



* Source: Federal Emergency Management Agency and National Flood Insurance Program

2015 Halloween Storm – October 31, 2015

More substantial damage to Houston's built environment

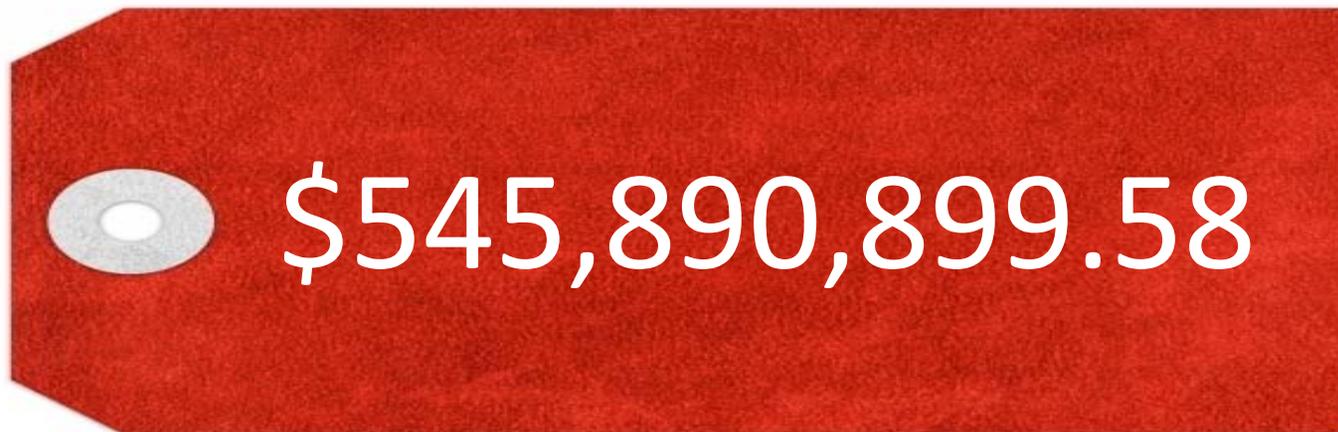


Halloween Storm Housing and Infrastructure Impact



* Source: Federal Emergency Management Agency and National Flood Insurance Program

Housing and Infrastructure Impact from Both Floods

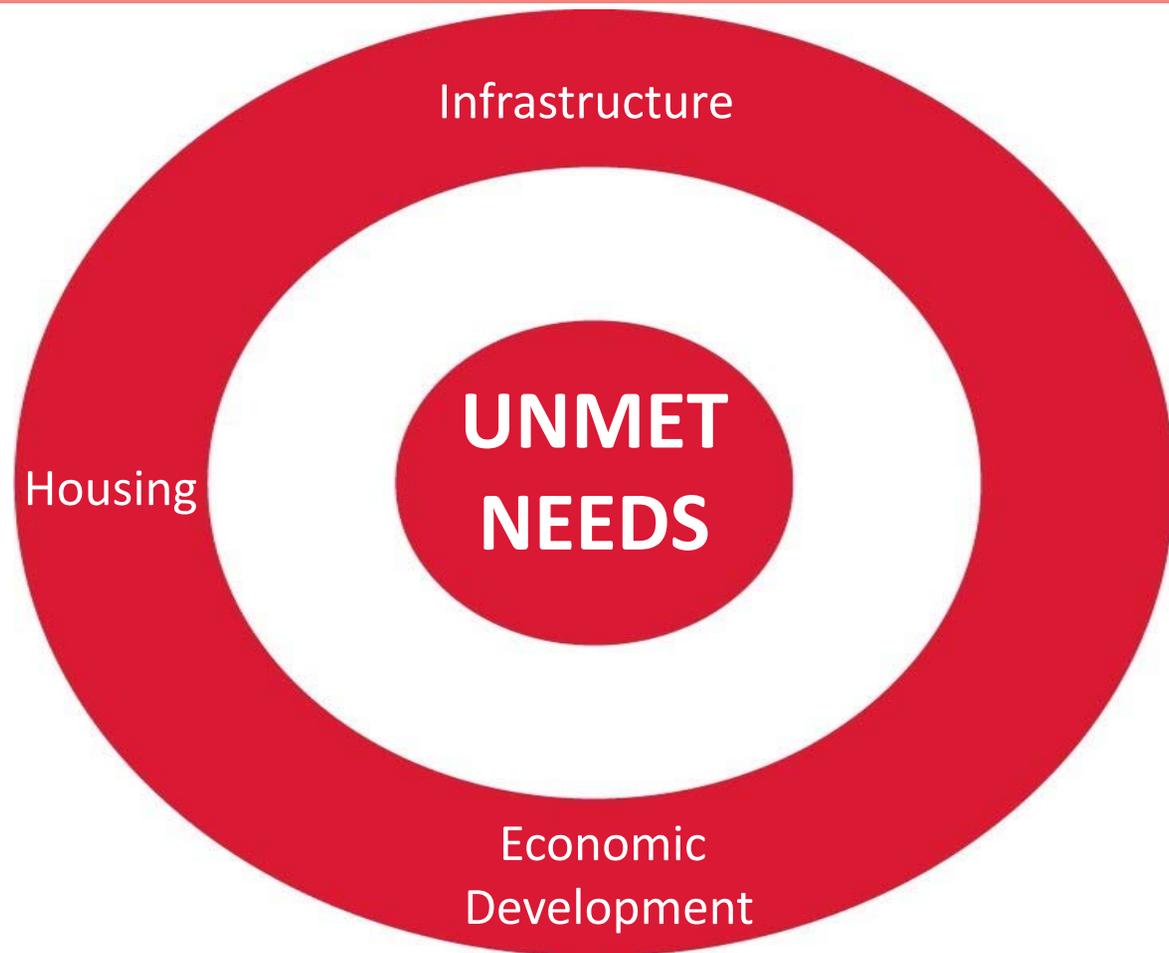


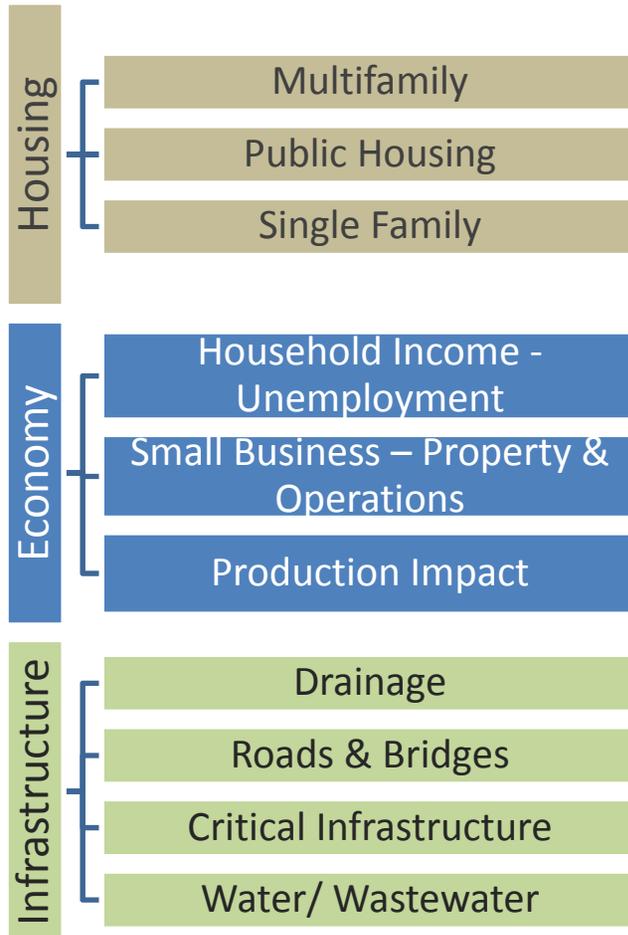
\$545,890,899.58

* Source: Federal Emergency Management Agency and National Flood Insurance Program



Potential Uses of Funding

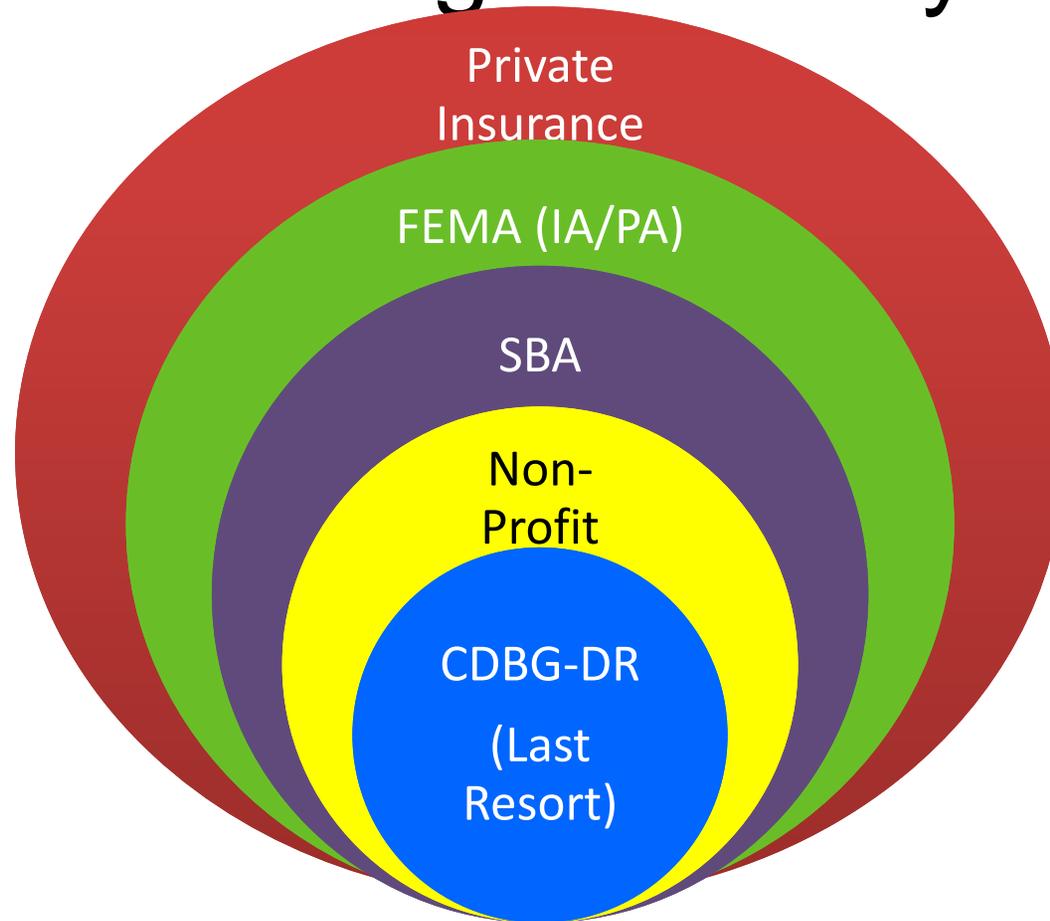


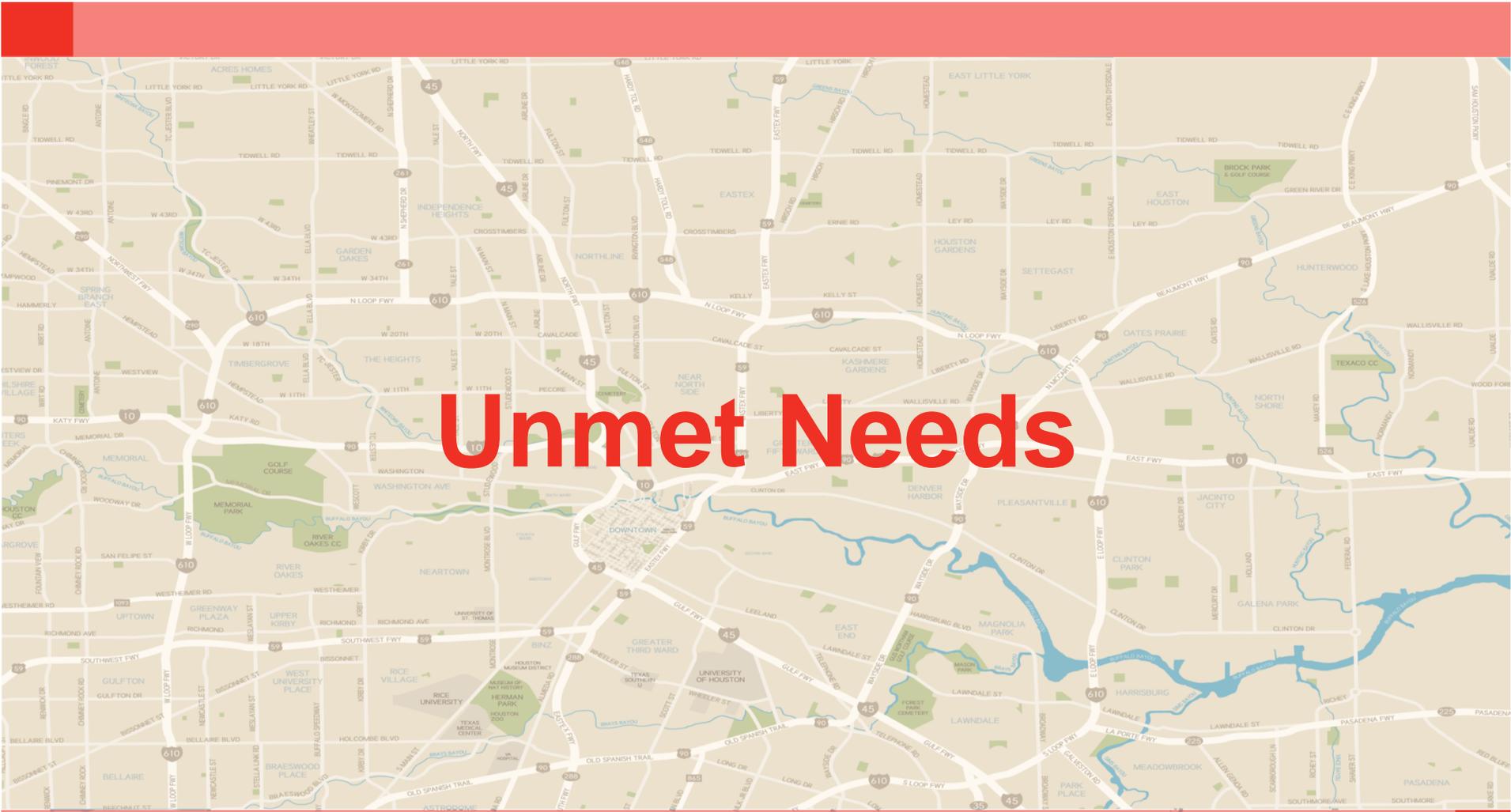


Each sector is assessed for impact and funds made available through:

- Private Insurance
- FEMA
- Small Business Administration (SBA)
- Other City or State sources
- Non-Profits

Funding Hierarchy





Unmet Needs





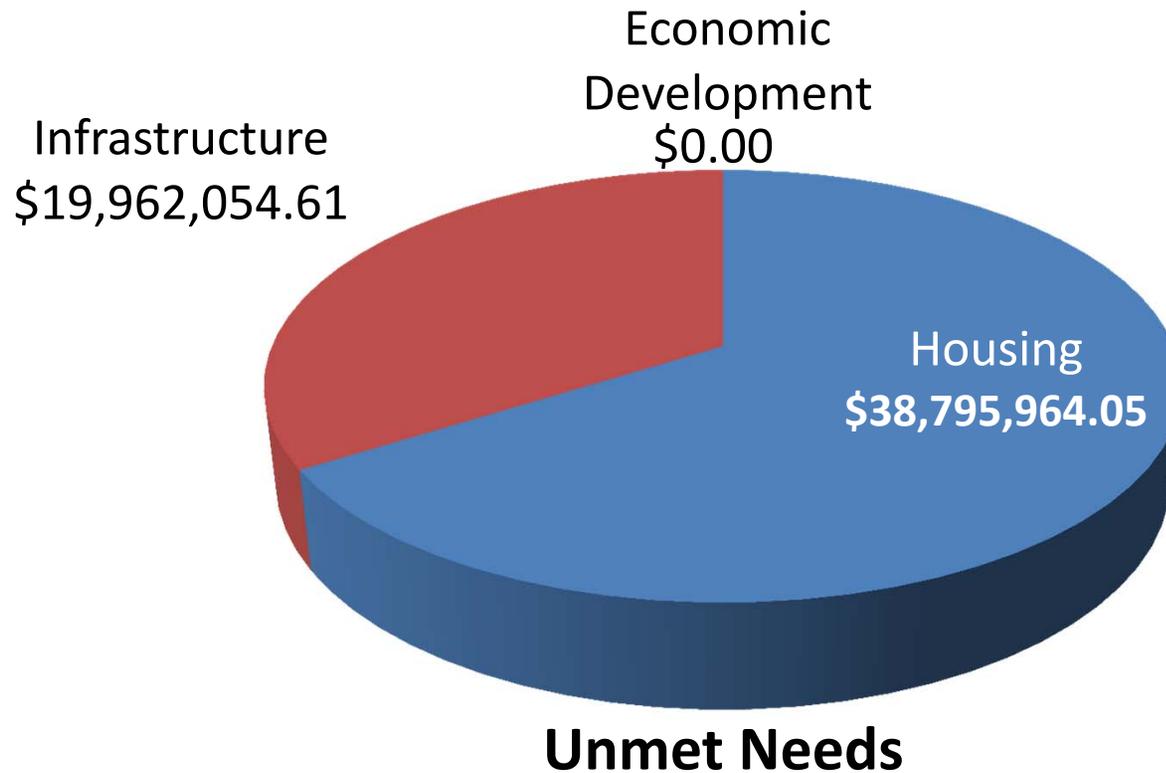
Assessing Unmet Need

- Not a perfect science – based on best available data
- Is required by HUD as part of the Action Plan
- Guides the City through a discovery process to inform program design

Houston's Unmet Needs Assessment

Amount of disaster-related impact
- Assistance received to address impact
Unmet need remaining from disasters

Summary of Unmet Need by Category



Unmet Housing Needs Details

Housing	
Impact	
FEMA [*] Estimate	\$ 174,454,055.26
NFIP ^{**} Claims	\$ 350,235,017.91
Total Housing Impact	\$ 524,689,073.17
Funds Made Available	
FEMA Assistance & SBA ^{***} Loans	\$ 135,658,091.21
NFIP Claims	\$ 350,235,017.91
Total Housing Funds Made Av.	\$ 485,893,109.12
Housing Unmet Need	\$ 38,795,964.05

*FEMA: Federal Emergency Management Agency

**NFIP: National Flood Insurance Program

***Small Business Administration

Unmet Infrastructure Needs Details

Infrastructure	
Impact	
FEMA PA*Claims	\$ 21,201,826.41
Total Infrastructure Impact	\$ 21,201,826.41
Funds Made Available	
FEMA PA Paid	\$ 1,239,771.80
Total Infrastructure Funds Made Av.	\$ 1,239,771.80
Infrastructure Unmet Need	\$ 19,962,054.61

*FEMA PA : Federal Emergency Management Agency Public Assistance

Unmet Economic Needs Details

Economic Development	
Impact	
SBA* Business Claims	\$4,022,000.00
Total Economic Impact	\$4,022,000.00
Funds Made Available	
SBA* Business Claims	\$ 4,022,000.00
Total Economic Funds Made Av.	\$ 4,022,000.00
Infrastructure Unmet Need	\$0.00

*Small Business Administration

PROPOSED ACTIVITIES





Since Last Meeting

- Updated Data
 - FEMA Data for October 2015 Flood Event
 - COH Office of Emergency Management Single Family Substantially Damaged Properties for 2015
 - Infrastructure Site Inspections
- Assessed Initial Public Comments
- Made Budget Reallocations

Initial Budget Allocation

CDBG-DR15	AMOUNT
Public Facilities and Improvements / Infrastructure	\$51,232,000
Acquisition	\$10,000,000
Planning	\$2,000,000
Administration	\$3,328,000
TOTAL	\$66,560,000





Because of comments received at the first public hearing and during the public hearing notice period; allocations have changed.



Current Budget Allocation

CDBG-DR15	AMOUNT
Public Facilities and Improvements / Infrastructure	\$29,232,000
Housing (Single Family Home Repair)	\$12,000,000
Housing Buyout	\$20,000,000
Planning	\$2,000,000
Administration	\$3,328,000
TOTAL	\$66,560,000





Allocation Changes Address:

- Comments regarding low and moderate income (LMI) households outside of LMI neighborhoods.
- Need for more buyout capacity if chosen projects are focused on purchase of land for future flood detention.

Proposed Program: Infrastructure

Flood Mitigation / Resiliency

Application process with weighted scoring for projects that may include

- Drainage
- Open ditch drainage systems to reduce floods
- Detention / Greenspace
- Green streets / Low impact development

City Council will approve all projects

Proposed Program: Single Family Home Repair

Provide housing assistance to LMI homeowners in the City impacted by the 2015 Flood

- Rehabilitation
- Reconstruction
- Elevation
- Other Possibilities – Insurance, ADA modifications, repair of water and sewer connections

Proposed Program: Housing Buyout

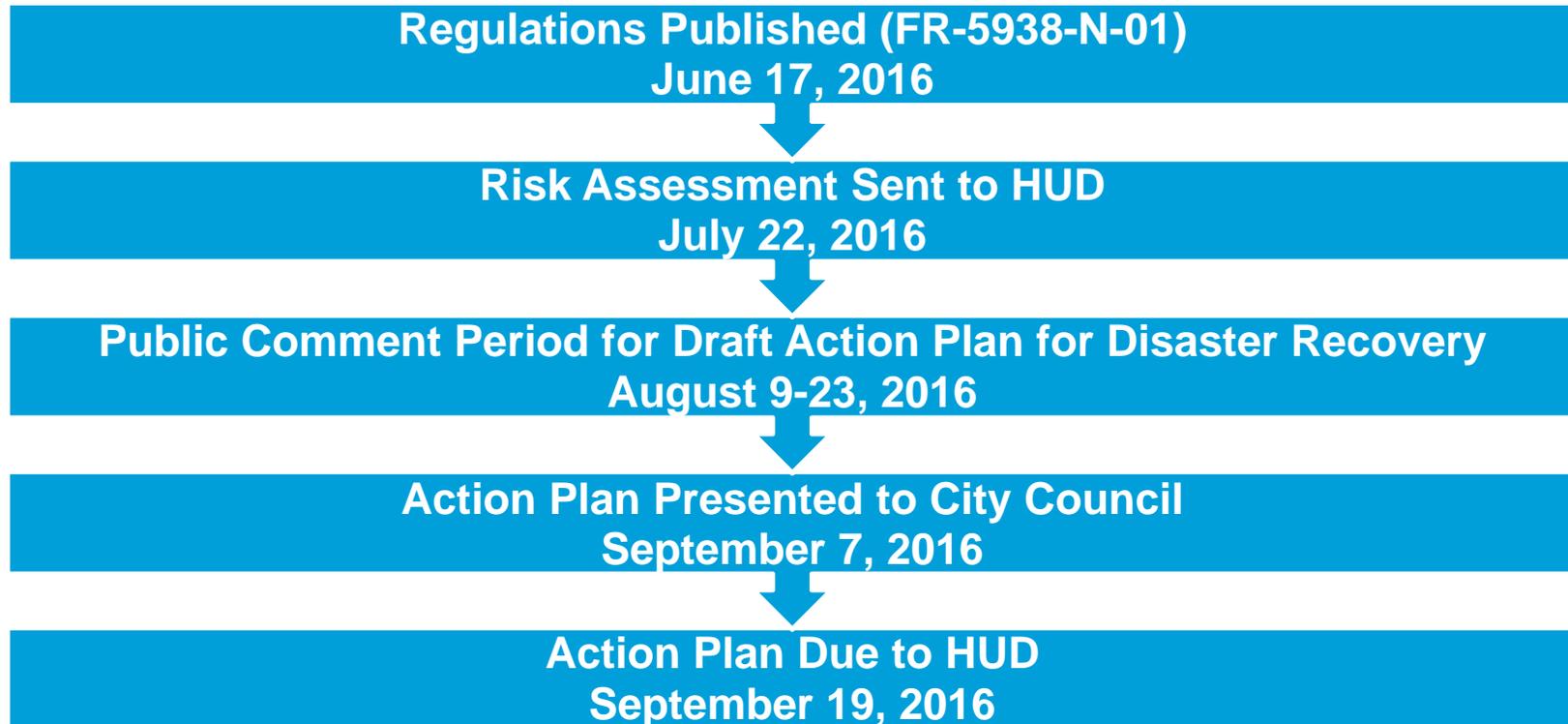
Buyout of
multifamily and
single family
properties at high
risk in support of

- Improving infrastructure
- Creating natural buffers to safeguard against floods
- Deconcentrating poverty
- Promoting homeownership

GRANT PROCESS



CDBG-DR15 Grant Process



Location of Documents

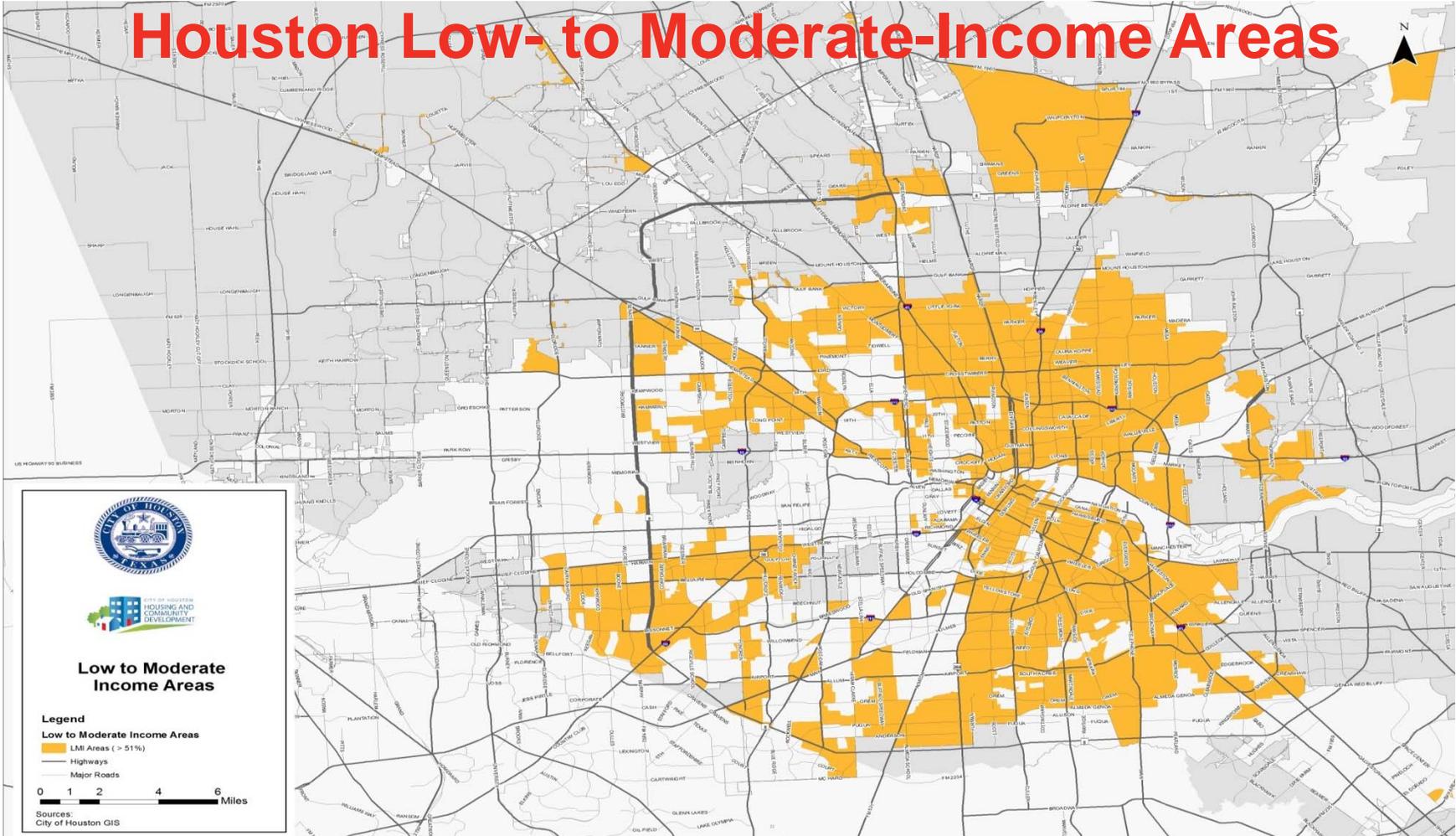
The screenshot shows the City of Houston website with the following content:

- Header:** City of Houston logo, navigation links (Home, I Want To, Govt, Residents, Business, Departments, Visitors, Espanol), and a search bar.
- Hero Image:** A banner image of the Houston skyline with the text "Welcome to the City of Houston Government Center".
- Breadcrumbs:** Home > Housing and Community Development Department > 2015 Memorial Day Disaster Recovery
- Section Header:** HOUSING AND COMMUNITY DEVELOPMENT DEPARTMENT
- Main Content:**
 - 2015 Flood Events Disaster Recovery:** A paragraph describing the flooding events and federal assistance.
 - 2015 Flood Recovery Action Plans and Related Documents:** A list containing "Needs Assessment Draft (coming soon)" and "Action Plan Draft".
 - 2015 Flood Recovery Citizen Participation Opportunities:** Contact information for questions or document requests.
- Right Sidebar:**
 - KEY HCDD SERVICES:** A list of services including Home Repair Programs, Homebuyer Assistance Program, Homelessness, HOPWA, Multifamily Housing Communities, Public Facilities, and Public Services.
 - HOUSING DEPT. LINKS:** A list of links including Housing Dept. Home Page, About the Director, and Communications / Press Releases.

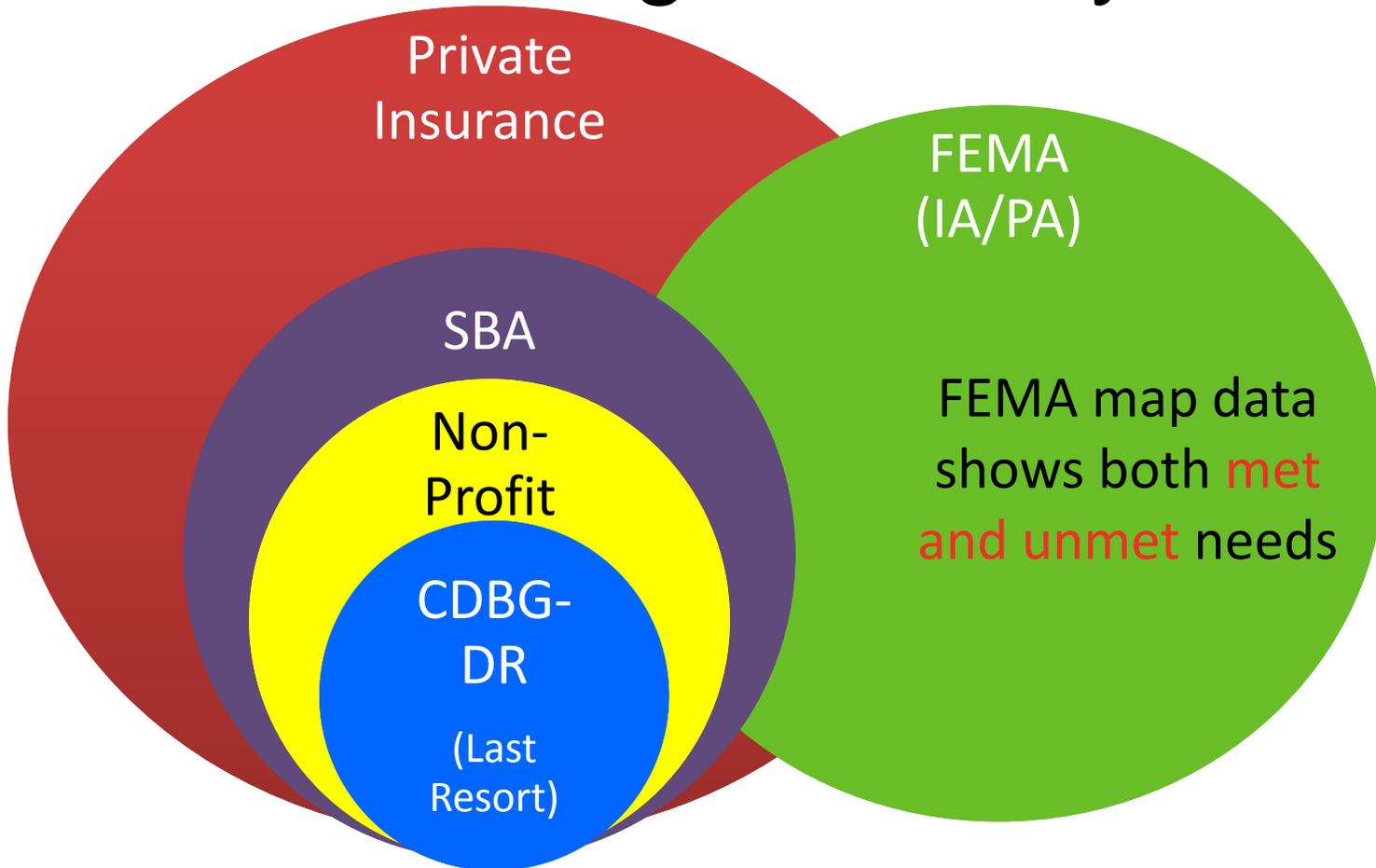
- Action Plan
- Needs Assessment
- Other Related Documents

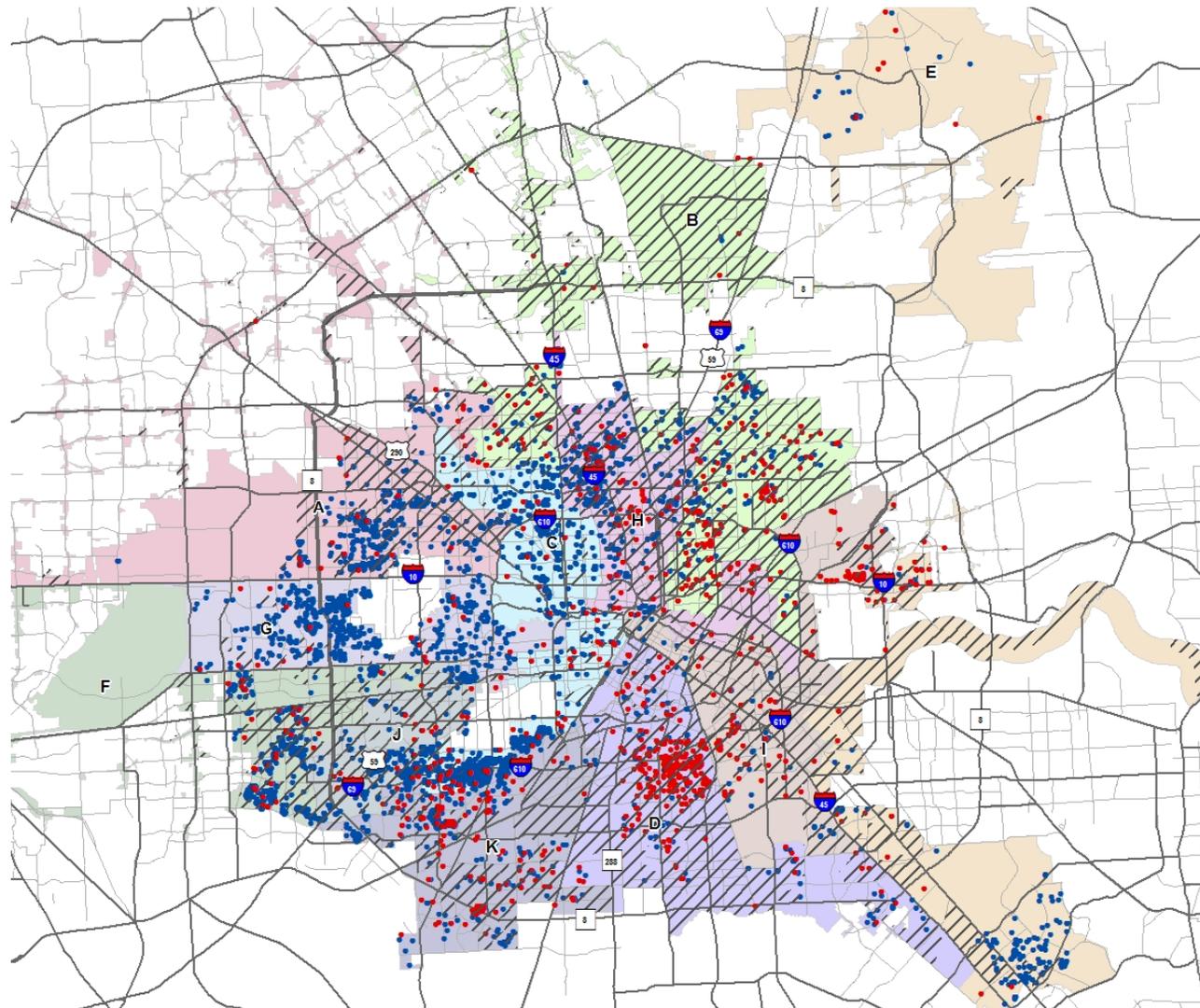
HoustonTX.gov/housing/2015_Flood_Events_Recovery

Houston Low- to Moderate-Income Areas



Funding Hierarchy



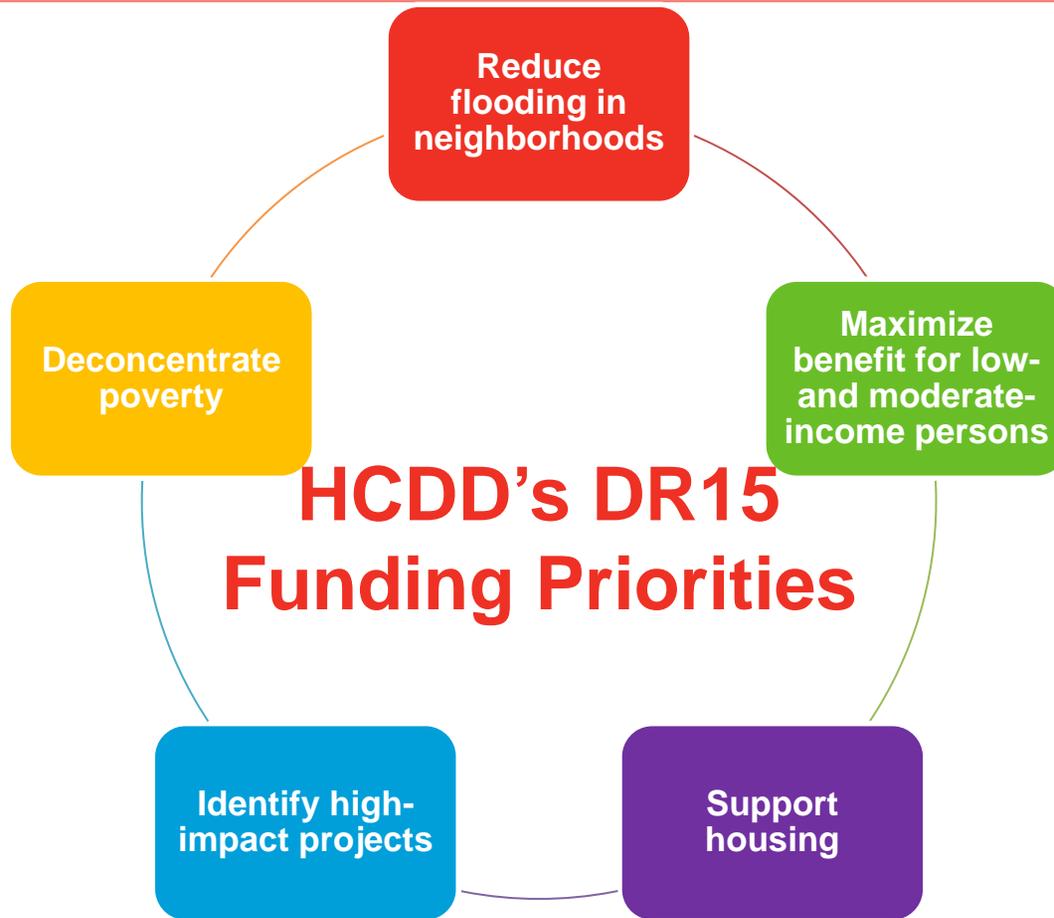


Legend

- Memorial Day Flooding Reports
- Halloween Flooding Reports
- //// LMI Areas (51% and Above)
- Highways
- Major Roads

Council Districts

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K



July

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

NEXT STEPS

December

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

January

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

March

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May

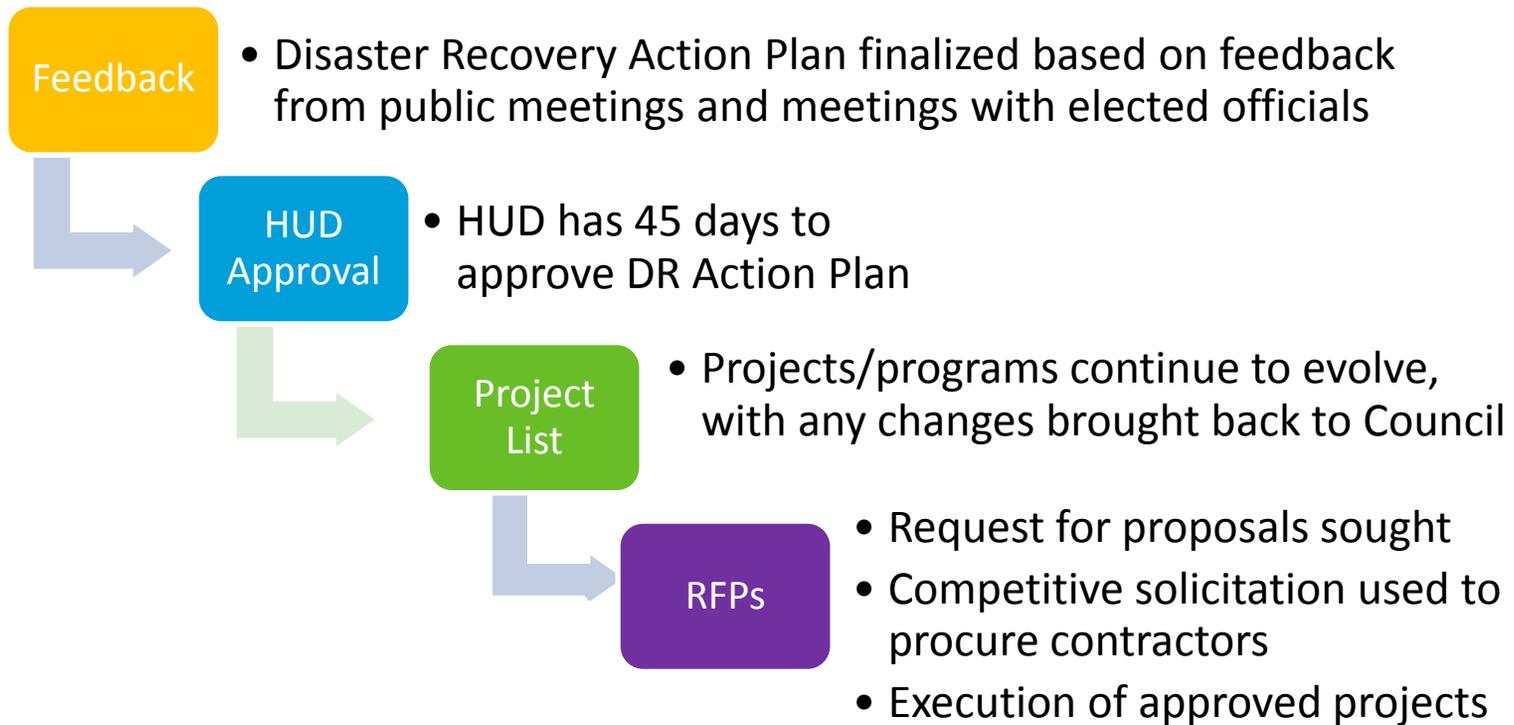
SUN	MON	TUE	WED	THU	FRI	SAT
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



What Happens Next?



Summary of Comments



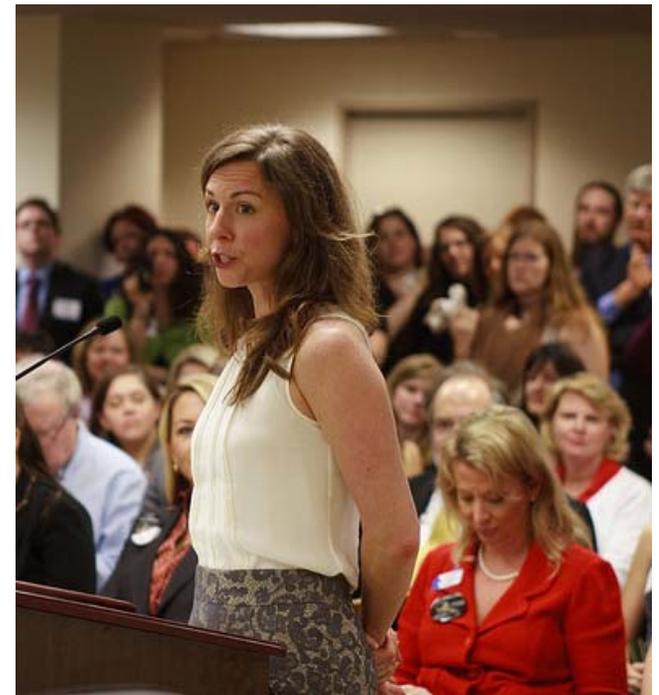
Summary of Comments

Public Hearing August 18, 2016

- 73 people in attendance
- 3 Council Members provided comments
- 16 speakers gave comments

Comment Period August 9 – 23, 2016

- 27 written comments received



Summary of Comments

Communities Represented

Southwest Houston

Including Meyerland, Willow Meadows, Westbury, Robindell, Braes Oaks, Larkwood, Bellaire

Spring
Branch

Memorial
(West)

Brooke
Smith



Summary of Comments

Majority says spend on:

Infrastructure

- Address inadequate / undersized drainage

Housing

- Single family / homeowner

Summary of Comments

SUGGESTED PROJECTS

- Willow Waterhole
- Braewick Ditches
- Hillcroft Retention
- Brooke Smith Drainage
- Westpark
- Braes Project
- Westwood Country Club

CONCERNS

- Insufficient data
- Information not considered
- Fixed income households outside LMI neighborhoods
- Religious obligations
- Decrease in Spring Branch home values
- City ditch maintenance



Fair Housing

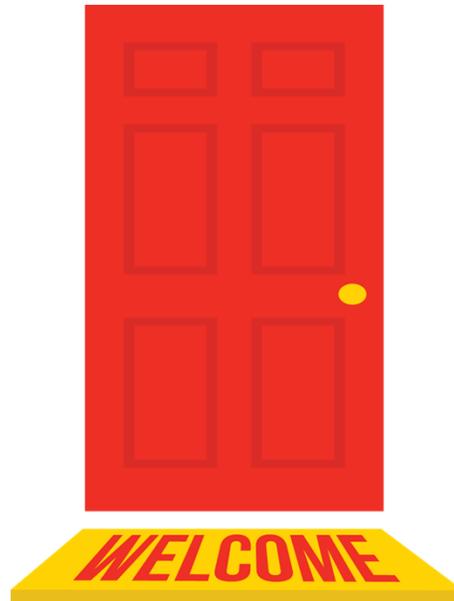


Why Is Fair Housing So Important?



Fair Housing Act

The Fair Housing Act prohibits discrimination against any of the following protected classes:



- Race
- Color
- National Origin
- Religion
- Sex
- Familial Status
- Handicap / Disability

Fair Housing Act Prohibits:

Discrimination
in the
rental or sale
of housing

Discrimination
in the terms,
conditions,
privileges,
services or
facilities of
housing

Making,
printing or
publishing
discriminatory
advertisements

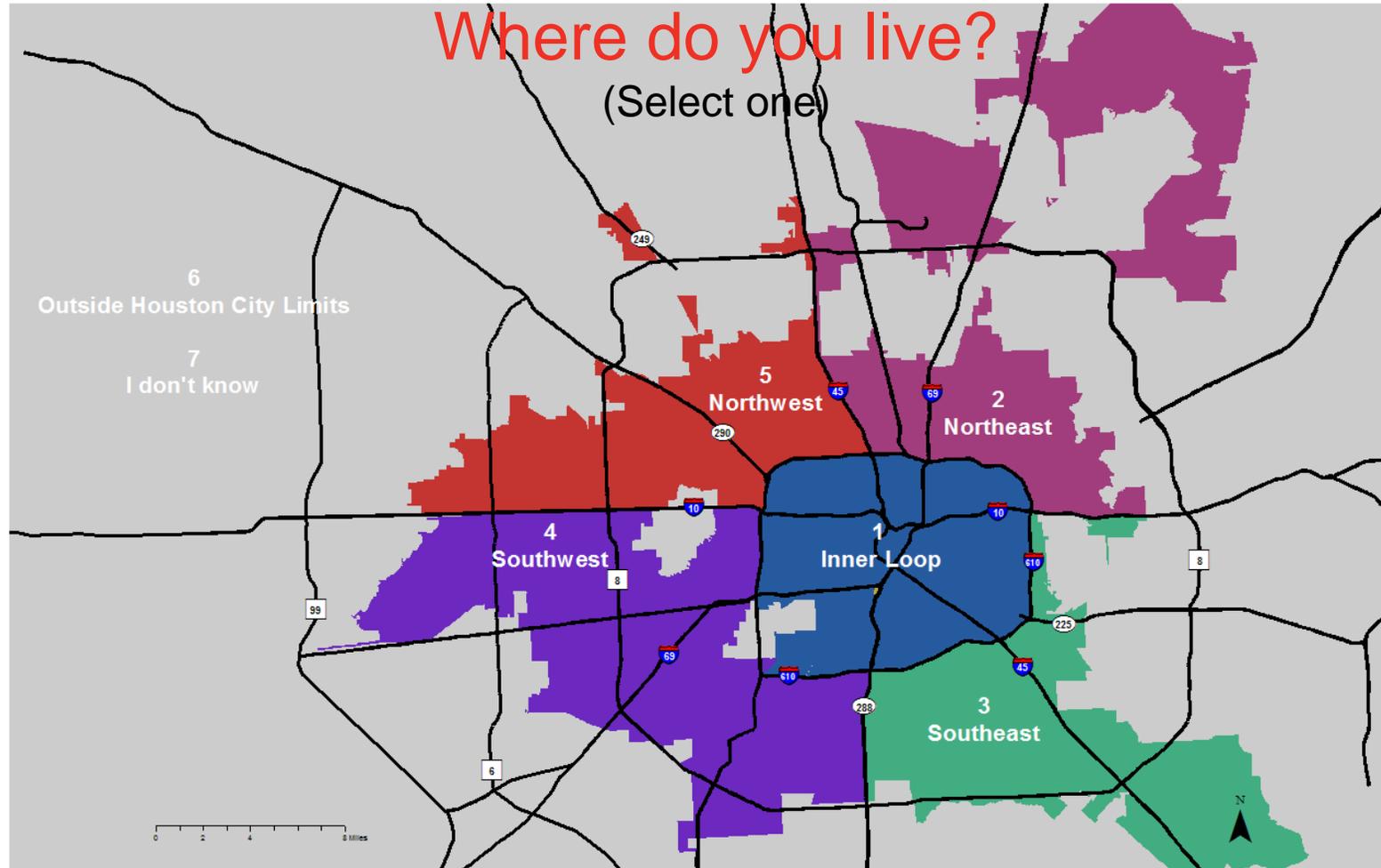
Representing
that housing is
unavailable to a
protected class
when housing
is actually
available

Survey



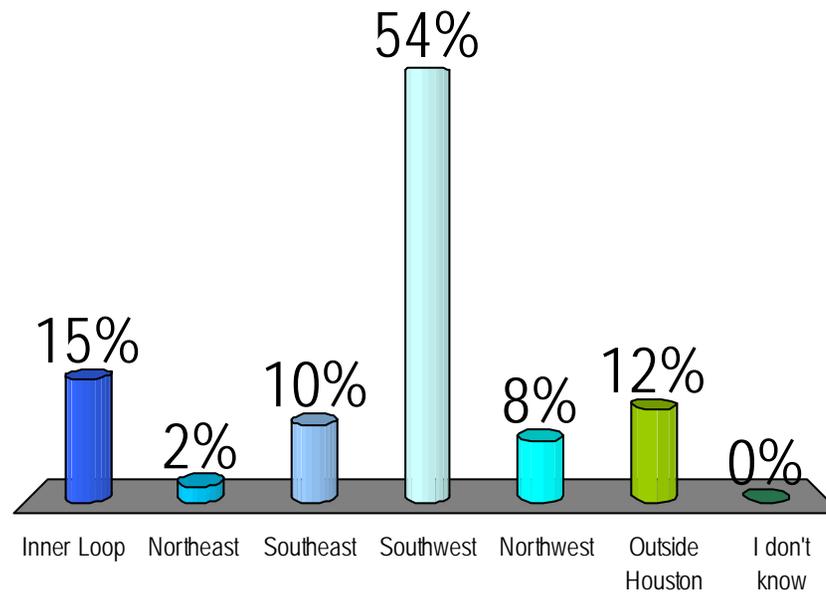
Where do you live?

(Select one)



Where do you live?

(Select one)





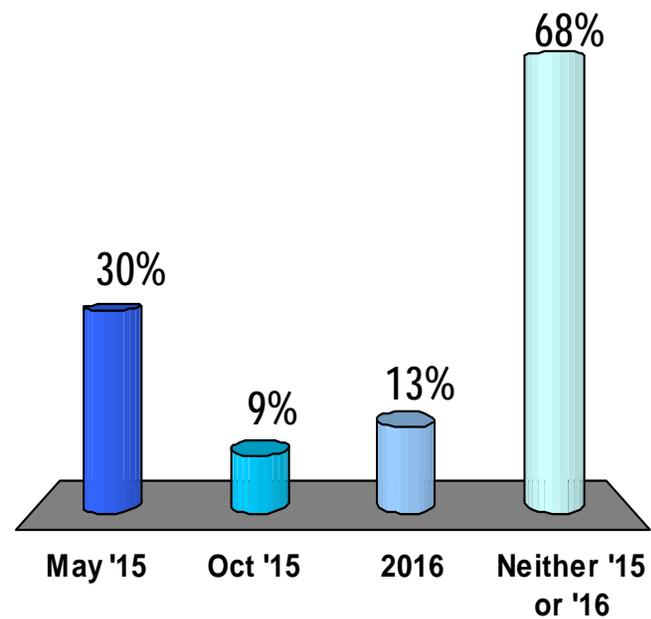
The following questions consider
your home.



Which flood event(s) damaged your home?

1	2	3	4
May 2015 Memorial Day Flood	Oct. 2015 Halloween Flood	A flood event in 2016	None My home was not damaged in 2015 or 2016

Which flood event(s) damaged your home?



What was the damage to your home?

(Select one)

1

Destroyed

Total loss or damage to such an extent that repair is not feasible

2

Major

Structural or significant damage needing extensive repair

3

Minor

Damaged and requires minimal repairs

4

Affected

Cosmetic damage only

5

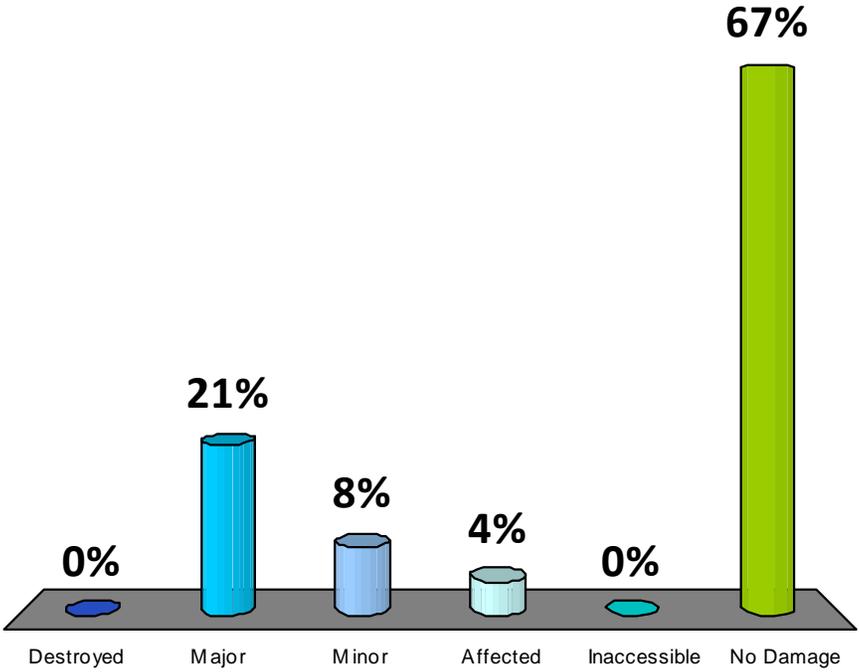
Inaccessible

Can't reach it to determine extent of damage

6

No Damage

What was the damage to your home?



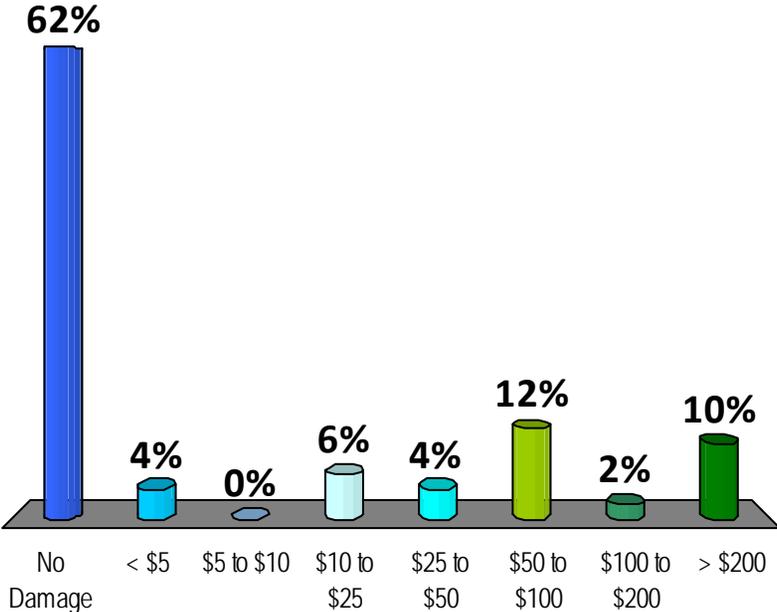


What was the damage to your home?

(Select one)

- | | |
|------------------------|--------------------------|
| 1. \$0 (No damage) | 5. \$25,001 - \$50,000 |
| 2. Less than \$5,000 | 6. \$50,001 - \$100,000 |
| 3. \$5,001 - \$10,000 | 7. \$100,001 - \$200,000 |
| 4. \$10,001 - \$25,000 | 8. More than \$200,000 |

What was the damage to your home?



Where did you apply for assistance for your home?

(Select all that apply)

1. FEMA

Federal Emergency
Management
Administration

2. SBA

Small Business
Administration

3. NFIP

National Flood
Insurance Program

**4. Private
Insurance**

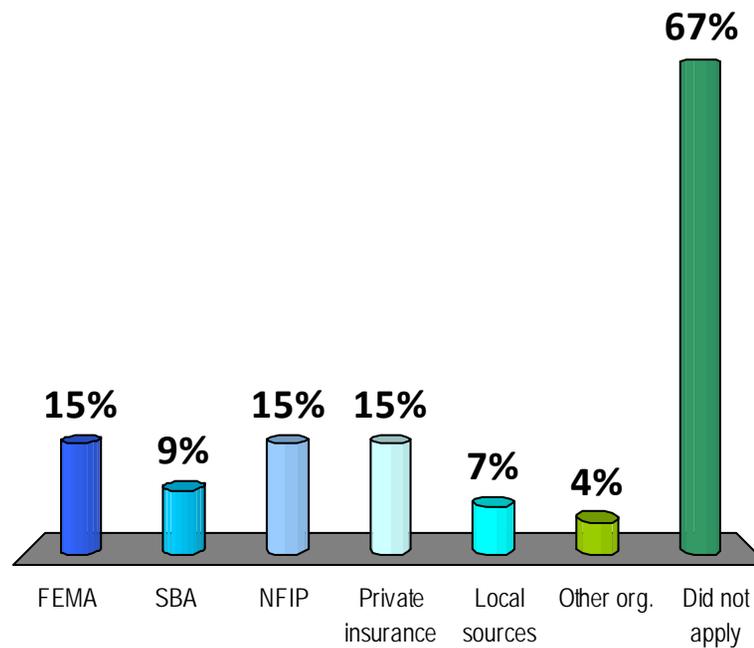
**5. Local
Sources**

(City, Church, Local
Agency)

**6. An
organization
not listed**

**7. I did not
apply for
assistance**

Where did you apply for assistance for your home?



Which provided you assistance for your home?

(Select all that apply)

1. FEMA

Federal Emergency
Management
Administration

2. SBA

Small Business
Administration

3. NFIP

National Flood
Insurance Program

**4. Private
Insurance**

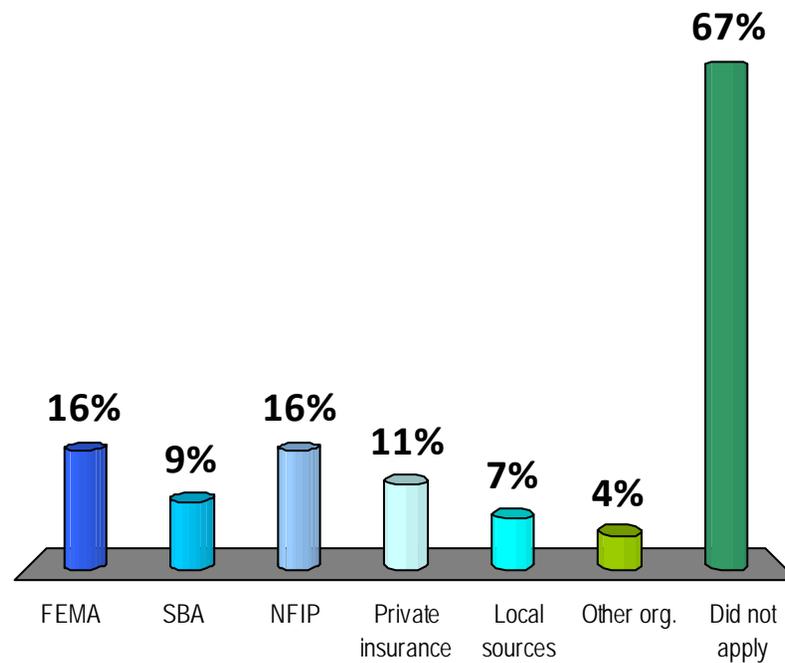
**5. Local
Sources**

(City, Church, Local
Agency)

**6. An
organization
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**7. I did not
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assistance**

Which provided you assistance for your home?

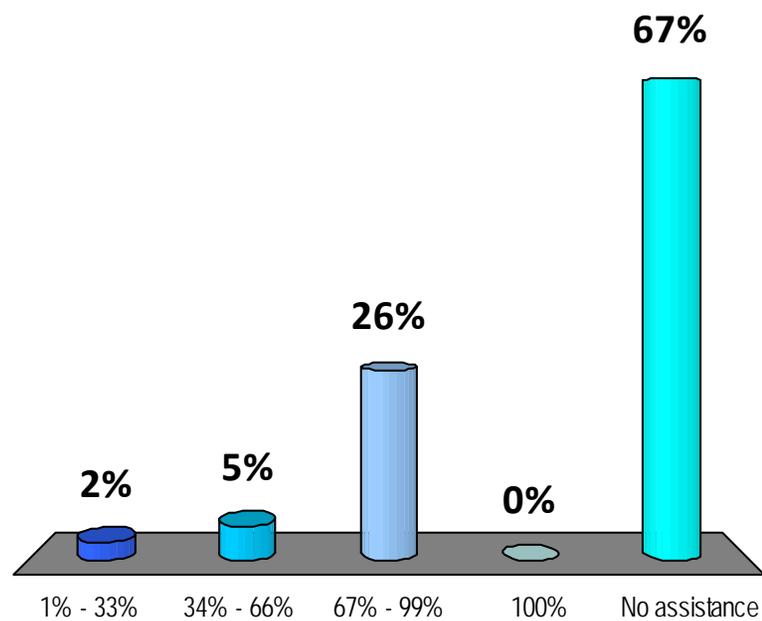




What % of your home's damage did the assistance you received cover? (Select one)

1. 1% to 33%
2. 34% to 66%
3. 67% to 99%
4. 100%
5. I did not receive assistance

What % of your home's damage did the assistance you received cover? (Select one)



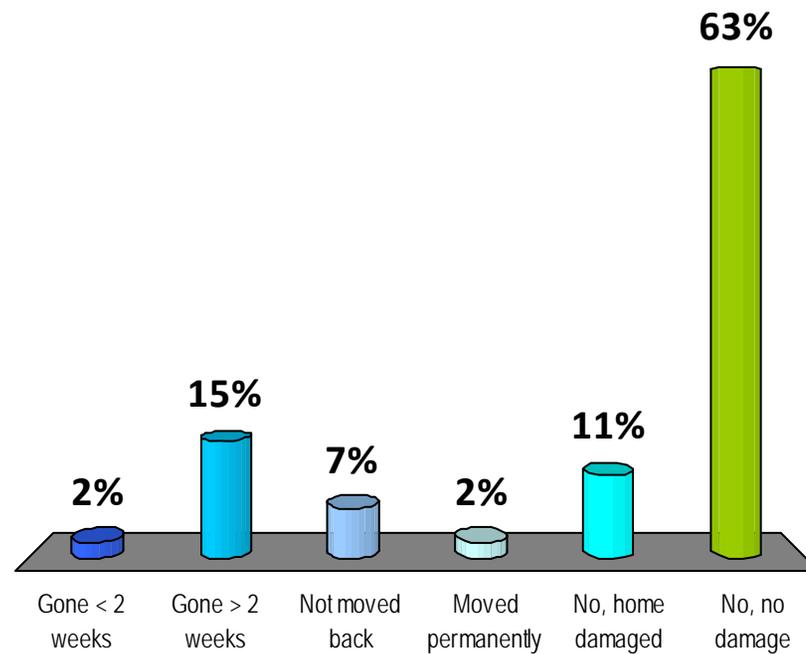


Did you relocate from your home?

(Select one)

1. Yes – I was gone less than 2 weeks
2. Yes – I was gone for more than 2 weeks
3. Yes – I have not moved back into my home
4. Yes – I moved out of my home permanently
5. No – However my home was damaged
6. No – My home was not damaged

Did you relocate from your home?





The following questions consider
your business and place of work.



Which flood event(s) damaged your business or place of work? (Select one)

1

**May
2015**

Memorial
Day Flood

2

**Oct.
2015**

Halloween
Flood

3

Both

2015
Flood
Events

4

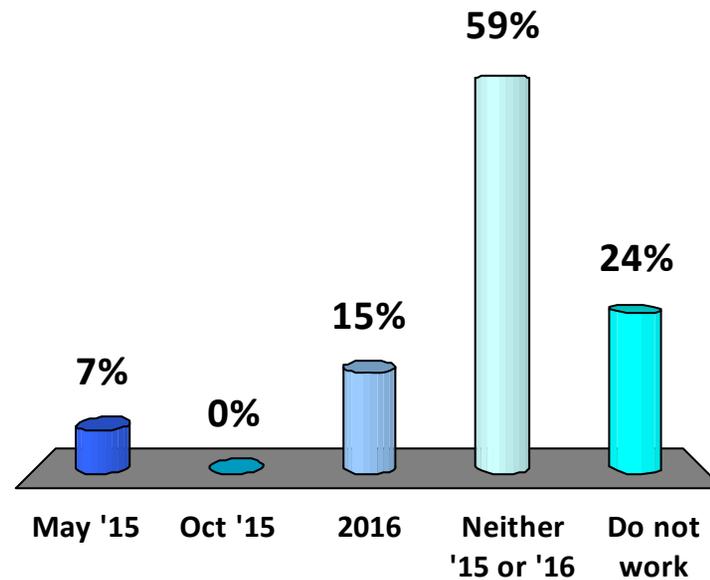
Neither

My
business /
place of
work was
not
damaged

5

I do not
currently
work / I
am retired

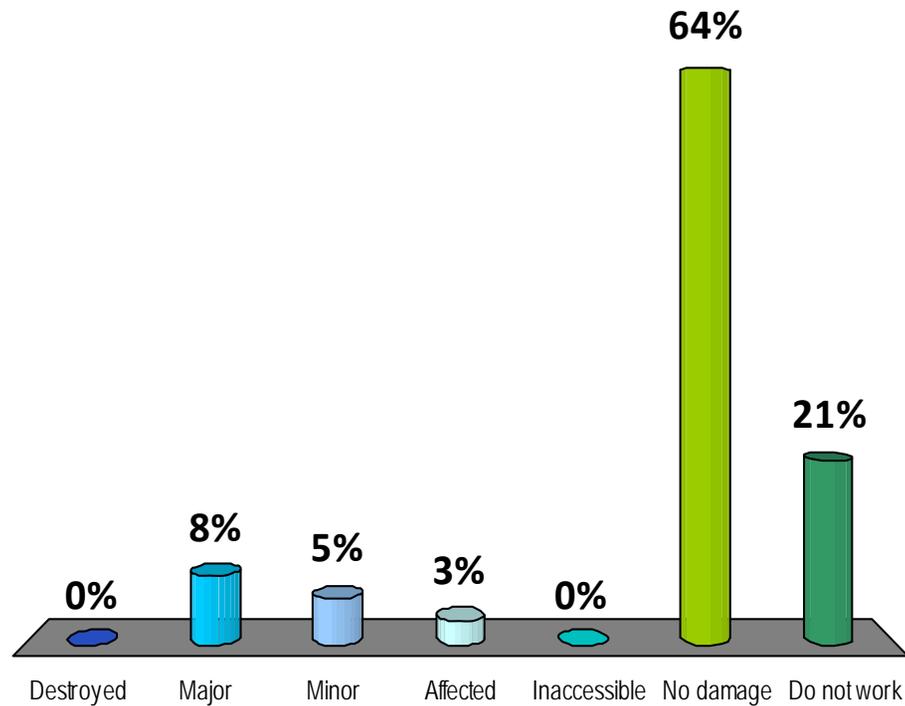
Which flood event(s) damaged your business or place of work? (Select one)



What was the damage to your business or place of work? (Select one)

- 1 Destroyed**
Total loss or damage to such an extent that repair is not feasible
- 2 Major**
Structural or significant damage needing extensive repair
- 3 Minor**
Damaged and requires minimal repairs
- 4 Affected**
Cosmetic damage only
- 5 Inaccessible**
Can reach it to determine extent of damage
- 6 No Damage**
- 7 I do not work/I am retired**

What was the damage to your business or place of work? (Select one)

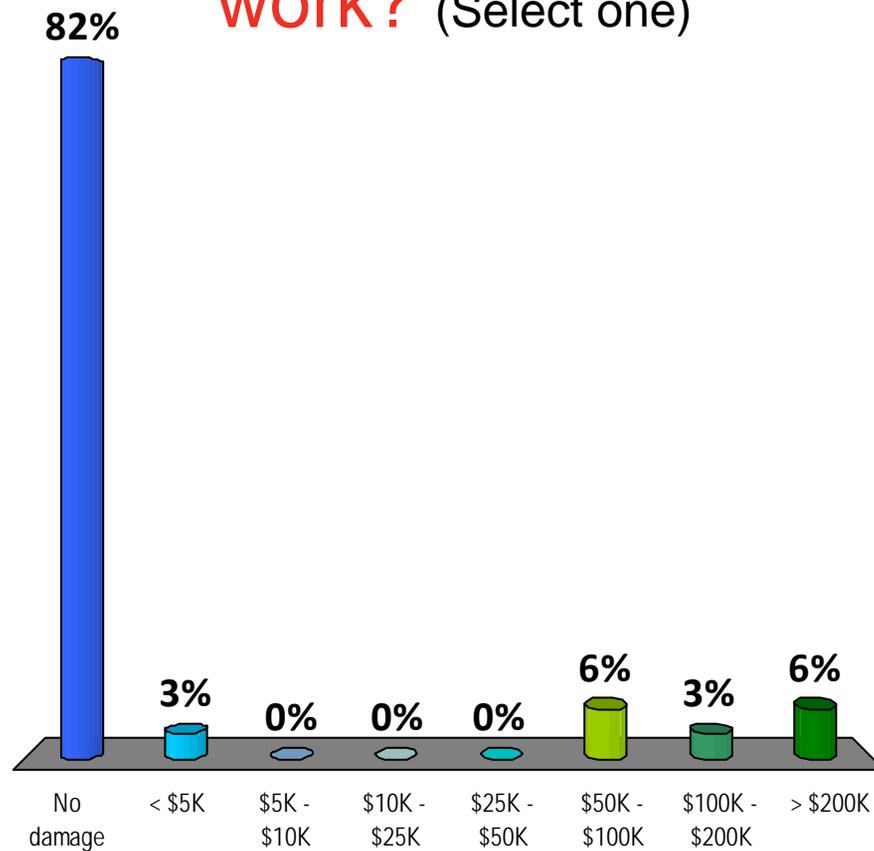




What was the damage to your business or place of work? (Select one)

1. \$0 (No damage)
2. Less than \$5,000
3. \$5,001 - \$10,000
4. \$10,001 - \$25,000
5. \$25,001 - \$50,000
6. \$50,001 - \$100,000
7. \$100,001 - \$200,000
8. More than \$200,000

What was the damage to your business or place of work? (Select one)



Where did you apply for assistance for your business? (Select all that apply)

1. FEMA

Federal Emergency
Management
Administration

2. SBA

Small Business
Administration

3. NFIP

National Flood
Insurance Program

**4. Private
Insurance**

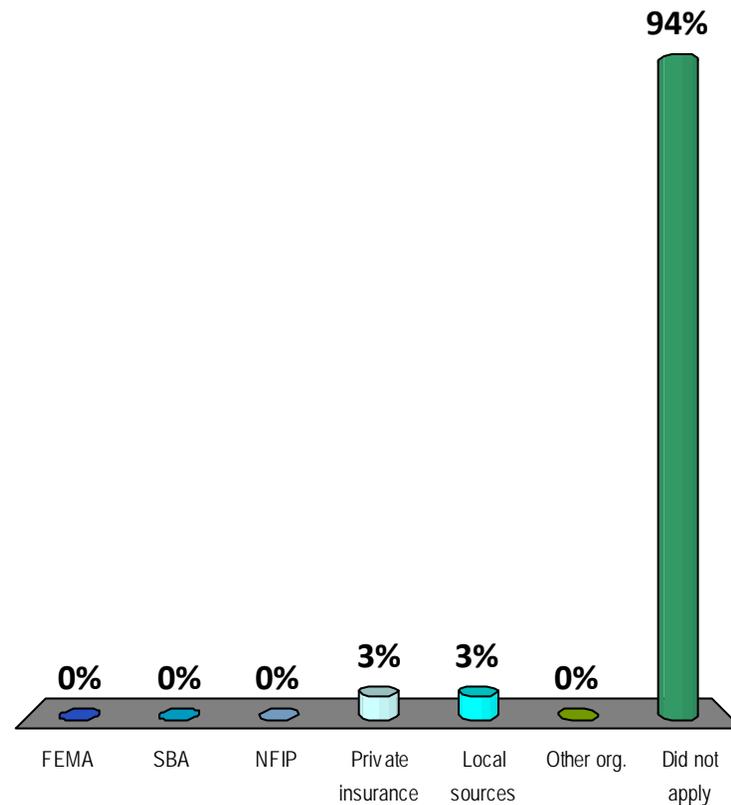
**5. Local
Sources**

(City, Church, Local
Agency)

**6. An
organization
not listed**

**7. I did not
apply for
assistance**

Where did you apply for assistance for your business? (Select all that apply)



Which provided you assistance for your business?

(Select all that apply)

1. FEMA

Federal Emergency
Management
Administration

2. SBA

Small Business
Administration

3. NFIP

National Flood
Insurance Program

**4. Private
Insurance**

**5. Local
Sources**

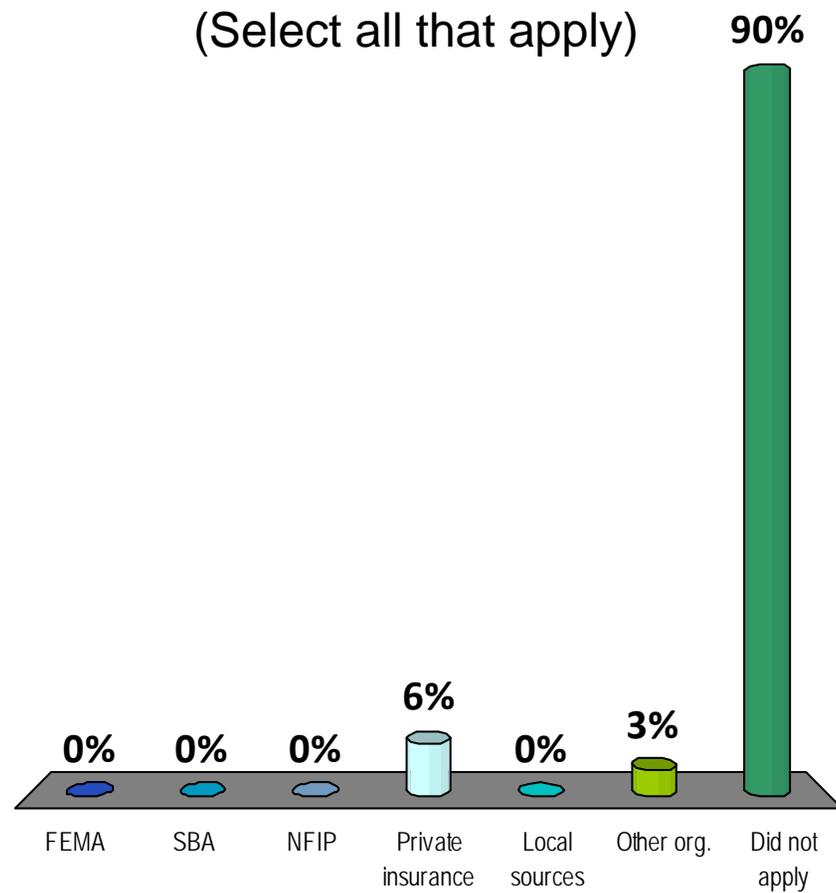
(City, Church, Local
Agency)

**6. An
organization
not listed**

**7. I did not
apply for
assistance**

Which provided you assistance for your business?

(Select all that apply)





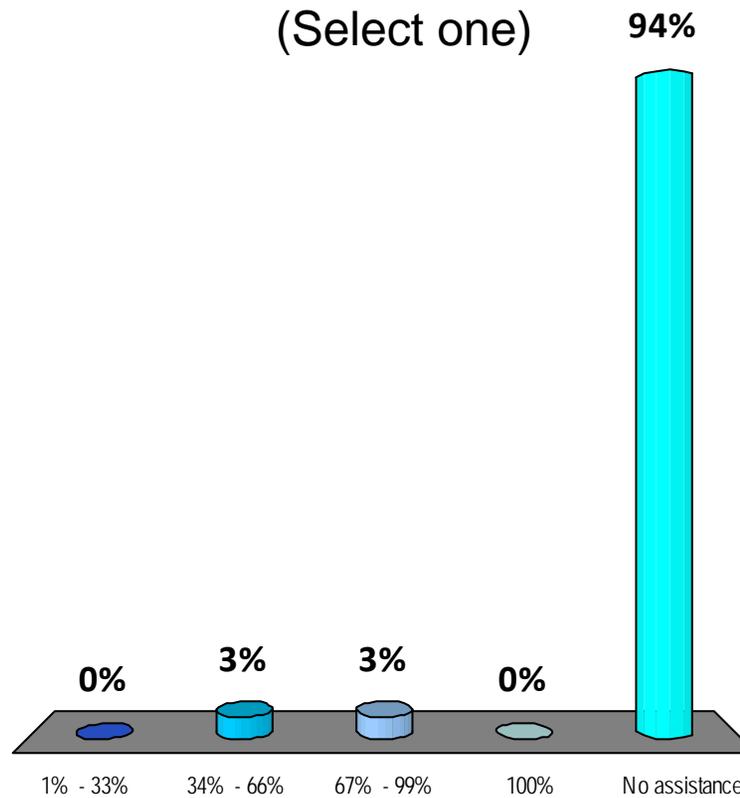
What percentage of the damage did the assistance you received cover for your business?

(Select one)

1. 1% to 33%
2. 34% to 66%
3. 67% to 99%
4. 100%
5. I did not receive assistance

What percentage of the damage did the assistance you received cover for your business?

(Select one)

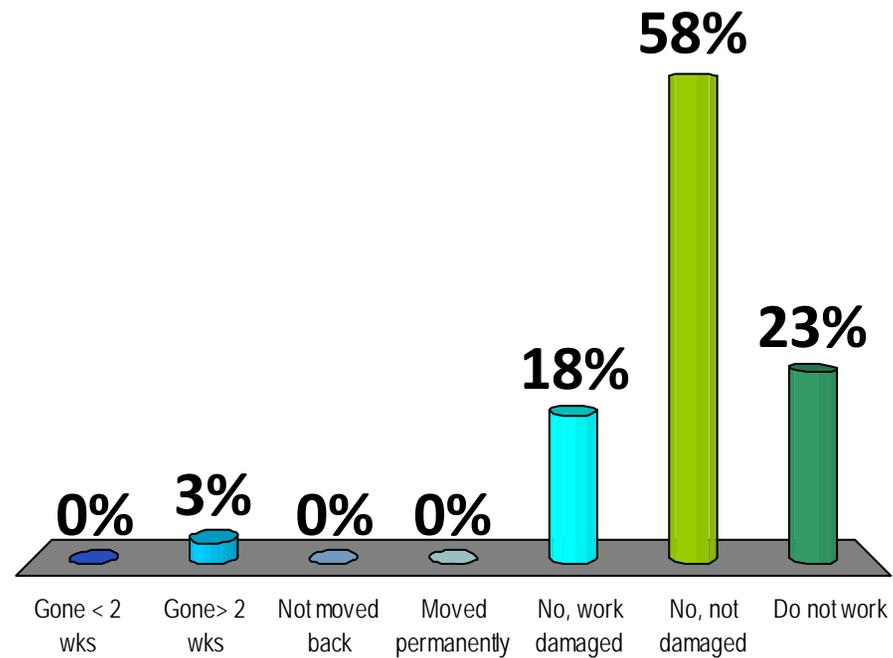




Did you relocate from your business or place of work? (Select one)

1. Yes – I was gone less than 2 weeks
2. Yes – I was gone for more than 2 weeks
3. Yes – I have not moved back into my business yet
4. Yes – I moved out of my business or place of work permanently
5. No – However my business or place of work was damaged
6. No – My business or place of work was not damaged
7. I do not currently work / I am retired

Did you relocate from your business or place of work? (Select one)



Action Plan for Disaster Recovery Public Hearing

Public Comments



THANK YOU



CITY OF HOUSTON
HOUSING AND
COMMUNITY
DEVELOPMENT



@HoustonHCDD