

PEW FLOOD NATIONAL SURVEY

Interview Schedule

January 6-15, 2018
 Project #18005
 N=800 Registered Voters (400 Land/400 Cell)



**PUBLIC OPINION
 STRATEGIES**

In this interview schedule:

- *Sample A was asked of 1/2 of the respondents = 405 registered voters.*
- *Sample B was asked of 1/2 of the respondents = 395 registered voters.*
- *An asterisk (*) in a response category means that less than 0.5% of respondents chose that response category and a dash (-) represents no response.*
- *Trend is shown from a March 2017 Pew Flood survey conducted among N=1,000 registered voters*

Now, thinking about some issues some people say are problems in our country. For each one, please indicate how big a problem you think it is where you live - is it a very serious problem, somewhat serious, not very serious or not a problem at all. The first/next one is... **(RANDOMIZE)**

RANKED BY % TOTAL SERIOUS

	VERY SERIOUS	SMWT SERIOUS	NOT VERY SERIOUS	NOT A PROBLEM AT ALL	UNSURE/REF (DNR)
(SAMPLE B) (N=395)					
3. Crime and drugs					
2017	33%	40%	17%	9%	1%
	73%		26%		
2018	35%	42%	13%	9%	1%
	77%		22%		
(SAMPLE A) (N=405)					
2. Poor condition of infrastructure, such as roads and bridges					
2017	34%	38%	17%	11%	-
	72%		28%		
2018	31%	38%	19%	12%	*
	69%		31%		

Continued...

	VERY SERIOUS	SMWT SERIOUS	NOT VERY SERIOUS	NOT A PROBLEM AT ALL	UNSURE/REF (DNR)
(SAMPLE A) (N=405)					
1. Lack of affordable homes or apartments					
2017	28%	29%	19%	21%	1%
	59%		40%		
2018	32%	29%	15%	23%	1%
	61%		38%		
(SAMPLE B) (N=395)					
4. Traffic congestion					
2017	31%	32%	19%	18%	-
	63%		37%		
2018	31%	30%	20%	18%	1%
	61%		38%		
11. Climate change					
2017	37%	25%	15%	22%	1%
	62%		37%		
2018	38%	22%	15%	24%	1%
	60%		39%		
10. Poorly planned growth and development					
2017	21%	38%	19%	19%	3%
	59%		38%		
2018	24%	36%	20%	18%	2%
	60%		38%		
9. Cost of homeowners insurance					
2017	19%	37%	23%	15%	6%
	56%		38%		
2018	19%	33%	21%	19%	8%
	52%		40%		
13. Lack of planning for potential natural disasters, like floods or wildfires					
2017	20%	29%	24%	25%	2%
	49%		49%		
2018	19%	33%	21%	25%	2%
	52%		46%		

Continued...

	VERY SERIOUS	SMWT SERIOUS	NOT VERY SERIOUS	NOT A PROBLEM AT ALL	UNSURE/REF (DNR)
(COASTAL STATES ONLY) (N=489)					
6. Coastal erosion and loss of barrier islands					
2017	20%	23%	19%	35%	3%
	43%		54%		
2018	19%	27%	15%	33%	6%
	46%		48%		
8. Drought					
2017	20%	27%	24%	28%	1%
	47%		52%		
2018	21%	24%	22%	33%	*
	45%		55%		
14. Flooding that destroys homes					
2017	17%	26%	26%	31%	*
	43%		57%		
2018	18%	26%	25%	31%	*
	44%		56%		
12. Loss of wetlands					
2017	17%	26%	20%	33%	4%
	43%		53%		
2018	17%	24%	22%	32%	5%
	41%		54%		
(COASTAL STATES ONLY) (N=489)					
5. Sea level rise					
2017	23%	19%	19%	37%	2%
	42%		56%		
2018	20%	20%	20%	38%	2%
	40%		58%		
7. Wildfires that destroy homes					
2017	16%	21%	25%	38%	*
	37%		63%		
2018	20%	15%	17%	48%	*
	35%		65%		

Summary of Issues - Ranked By 2018 % Total Serious

Issues	2017 - % Total Serious	2018 - % Total Serious
Crime and drugs	73%	77%
Poor condition of infrastructure, such as roads and bridges	72%	69%
Lack of affordable homes or apartments	59%	61%
Traffic congestion	63%	61%
Climate change	62%	60%
Poorly planned growth and development	59%	60%
Cost of homeowners insurance	56%	52%
Lack of planning for potential natural disasters, like floods or wildfires	49%	52%
Coastal erosion and loss of barrier islands	43%	46%
Drought	47%	45%
Flooding that destroys homes	43%	44%
Loss of wetlands	43%	41%
Sea level rise	42%	40%
Wildfires that destroy homes	37%	35%

Thinking about one of these - flooding.

(IF OWN HOME, N=544)

20. When you think about the problems and concerns you have in owning your home, how would you characterize the threat of flooding? Would you say it is... **(ROTATE TOP TO BOTTOM, BOTTOM TO TOP)**

January 2018

<u>Skip</u>	<u>Total</u>	
29%	20%	TOTAL CONCERN
71%	48%	TOTAL NOT A CONCERN
4%	3%	One of the two most serious concerns for you
8%	6%	A serious concern, but not in the top one or two
17%	11%	Somewhat of a concern
27%	18%	Not that big a concern for you
44%	30%	Not at all a concern
*	*	UNSURE/REFUSED (DO NOT READ)

March 2017

<u>Skip</u>	<u>Total</u>	
24%	15%	TOTAL SERIOUS/SOMEWHAT CONCERN
76%	48%	TOTAL NOT A CONCERN
3%	2%	One of the two most serious concerns for you
7%	5%	Serious concern, but not in the top one or two
14%	8%	Somewhat of a concern
31%	19%	Not that big a concern for you
45%	29%	Not at all a concern
*	*	UNSURE/REFUSED (DO NOT READ)

-
21. Do you worry about flood-related disasters more or worry about flood-related disasters less compared to five years ago, or worry about the same amount?

<u>3/17</u>	<u>1/18</u>	
16%	22%	More
15%	12%	Less
68%	64%	About the same
1%	2%	UNSURE/REFUSED (DO NOT READ)

22. From what you know, is your home located in an officially designated flood zone area? **(IF RESPONSE GIVEN, THEN ASK: And are you fairly sure of that or is it your best guess?)**

<u>3/17</u>	<u>1/18</u>	
8%	10%	TOTAL YES
84%	84%	TOTAL NO
5%	8%	Yes, and I'm fairly sure of that
3%	2%	Yes, but that's my best guess
19%	16%	No, but that's my best guess
65%	68%	No, and I'm fairly sure of that
6%	6%	UNSURE (DO NOT READ)
2%	*	REFUSED (DO NOT READ)

(IF OWN HOME, N=544)

23. Do you happen to have flood insurance?

January 2018

<u>Skip</u>	<u>Total</u>	
19%	13%	Yes
74%	51%	No
7%	4%	UNSURE (DO NOT READ)
*	*	REFUSED (DO NOT READ)

March 2017

<u>Skip</u>	<u>Total</u>	
16%	10%	Yes
78%	50%	No
6%	4%	UNSURE (DO NOT READ)
*	*	REFUSED (DO NOT READ)

As you may or may not know, homeowners can purchase flood insurance backed by the National Flood Insurance Program (the N-F-I-P). The N-F-I-P is a federal government insurance program. Most private insurers will NOT provide flood insurance. Private insurers quit issuing it decades ago, because of significant losses, so the government started providing coverage as a back-stop.

24. If you had to guess, would you say that the National Flood Insurance Program probably has a ...?
(ROTATE PUNCHES 1 AND 2; ALWAYS READ PUNCH 3 LAST)

<u>3/17</u>	<u>1/18</u>	
3%	3%	Surplus
14%	29%	Deficit
82%	68%	Or do you not know enough to say?
1%	--	Refused (DO NOT READ)

Actually, the National Flood Insurance Program is more than twenty-five billion dollars in debt. Therefore, some people have proposed a number of changes that could help address how communities and the country prepare for and respond to floods. For each one, please indicate whether you support or oppose that proposal. **(IF RESPONSE GIVEN THEN ASK:** and do you **STRONGLY** (insert choice) or just somewhat (insert choice) that?

The first/next one is... **(RANDOMIZE)**

RANKED BY % STRONGLY SUPPORT

	Strongly Support	Somewhat Support	No Strong Opinion (DNR)	Somewhat Oppose	Strongly Oppose	Don't Know/Refused (DNR)
25. (DISCLOSURE) Currently, there is no national requirement for home owners selling a home to disclose that a property has had past flood damage, and state and local rules vary widely. One proposal would require a single, national standard to ensure that potential home buyers are aware of whether or not a property has flooded repeatedly, which could mean being required to obtain flood insurance.						
2017	59%	22%	6%	6%	6%	1%
	81%			12%		
2018	65%	21%	2%	6%	6%	*
	86%			12%		
27. (FLOOD READY BUILDING) One proposal would require that all future federal spending in infrastructure located in a flood prone area, such as buildings, roads, transit systems, or hospitals, are constructed to better withstand the impacts of flooding. This includes when federal funds are used to build new structures and facilities or to help rebuild those that have been severely damaged by flooding.						
2017	49%	33%	6%	4%	6%	2%
	82%			10%		
2018	55%	34%	2%	4%	4%	1%
	89%			8%		
28. (LOANS) One proposal would offer low-interest loans from the Federal Emergency Management Agency to state governments to reduce the risk of future flooding. States and communities could then invest in actions that have been proven to reduce future flood damage, such as elevating homes, schools or hospitals, turning repeatedly flooded areas into parks or open space, or improving storm drainage systems.						
	49%	36%	2%	6%	6%	1%
	85%			12%		

Continued...

	Strongly Support	Somewhat Support	No Strong Opinion (DNR)	Somewhat Oppose	Strongly Oppose	Don't Know/Refused (DNR)
29. (DEDUCTIBLE) One proposal would require that the amount of federal funding which communities receive for rebuilding infrastructure after a flood would depend on states taking steps to prepare before a disaster strikes. Emergency response and home rebuilding funds would NOT be affected. States that engage in activities that reduce risks and lower recovery costs, such as establishing a disaster savings fund or stronger building and land use codes would receive more rebuilding funds. States that do less would receive less.	38%	38%	3%	10%	8%	3%
	76%			18%		
26. (COMMUNITY REPETITIVE LOSS) Communities can often help reduce the risk of flooding by improving drainage, protecting wetlands, or helping home owners reduce the potential for flood damage. One proposal would require that communities with more than fifty homes classified by the government as having repeatedly flooded would have to make these kinds of investments to reduce the risk of future flood damage. If they do NOT make these investments, the amount people pay for flood insurance in that community would increase.						
2017	28%	36%	8%	13%	13%	2%
	64%			26%		
2018	33%	39%	4%	13%	9%	2%
	72%			22%		

As you may know, the federal government has provided over 50 billion dollars in disaster recovery assistance to states and communities impacted by the 2017 hurricanes. Some have proposed that future rebuilding funds should be provided with conditions that rebuilding meets stricter standards to withstand future hurricanes or floods, even if it increases the cost of rebuilding.

30. Would you support or oppose the federal government requiring stricter standards for rebuilding that uses federal recovery assistance, even if it increases the cost?

(IF RESPONSE GIVEN THEN ASK: and do you STRONGLY (SUPPORT/OPPOSE) or just somewhat (SUPPORT/OPPOSE) that?

79% TOTAL SUPPORT
19% TOTAL OPPOSE

47% Strongly support
 32% Somewhat support
 12% Somewhat oppose
 7% Strongly oppose

2% UNSURE (**DO NOT READ**)

Taking a step back - please tell me - yes or no - if you have or have not been affected by flooding in any of the various ways... **(RANDOMIZE)**

RANKED BY % YES

	YES	NO	DK/REFUSED
33. Infrastructure, such as roads or schools, in your community has been damaged by flooding			
2017	41%	58%	1%
2018	40%	58%	2%
34. A family member's home or business has been damaged by flooding			
2017	25%	75%	*
2018	27%	72%	1%
32. Your place of work or business has been damaged by flooding			
2017	10%	90%	*
2018	11%	88%	1%
31. Your home has been damaged by flooding			
2017	10%	90%	*
2018	10%	90%	--

Finally, there are just a few more questions for statistical purposes only...

D1. To ensure we have a representative sample of voters in your state, please tell me in what year you were born.

28%	18 to 34
17%	35 to 44
14%	45 to 54
22%	55 to 64
18%	65 and over

1% REFUSED (**DO NOT READ**)

D2. Gender (**BY OBSERVATION**)

47%	Male
53%	Female

D3. Other than being an American, what is your main ethnic or racial heritage?

12%	AFRICAN AMERICAN OR BLACK
74%	WHITE
10%	HISPANIC AMERICAN OR LATINO
1%	ASIAN AMERICAN
2%	SOMETHING ELSE/MIX

1% REFUSED (**DO NOT READ**)

D4. What was the highest level of education you have completed?

- 28% HIGH SCHOOL OR LESS**
 - 27% SOME COLLEGE**
 - 44% COLLEGE+**

 - 28% HIGH SCHOOL GRADUATE OR LESS
 - 3% TECHNICAL OR VOCATIONAL SCHOOL
 - 24% SOME COLLEGE
 - 28% GRADUATED COLLEGE
 - 16% GRADUATE/PROFESSIONAL SCHOOL

 - 1% REFUSED (**DO NOT READ**)
-

D5. Is the home you live in a...

- 73% Single-family, detached home
 - 12% Apartment
 - 8% Townhome
 - 5% Manufactured or mobile home
 - 2% Condominium

 - * Some other response (**DO NOT READ**)
 - * REFUSED (**DO NOT READ**)
-

D6. Do you... (**ROTATE FIRST TWO**)

- 68% OWN YOUR HOME
 - 19% RENT YOUR HOME
 - 9% LIVE WITH A PARENT OR FAMILY MEMBER (**ASK IF D1: 18-44**)
...OR...
 - 3% HAVE SOME OTHER LIVING ARRANGEMENT

 - * DON'T KNOW (**DO NOT READ**)
 - 1% REFUSED (**DO NOT READ**)
-

D7. In politics today, do you consider yourself...(ROTATE)

a Republican,
a Democrat,
an Independent, or something else?

(IF REPUBLICAN OR DEMOCRAT, ASK) Would you call yourself a STRONG
(Republican/Democrat) or a NOT-SO-STRONG (Republican/Democrat)?

(IF SOMETHING ELSE, ASK) Do you think of yourself as closer to the...(ROTATE)

the Republican party
...or...
the Democratic party

37%	TOTAL REPUBLICAN
44%	TOTAL DEMOCRAT
20%	STRONG REPUBLICAN
7%	NOT-SO-STRONG REPUBLICAN
10%	LEAN TO REPUBLICANS
18%	SOMETHING ELSE/INDEPENDENT
10%	LEAN TO DEMOCRATS
9%	NOT-SO-STRONG DEMOCRAT
25%	STRONG DEMOCRAT
*	DON'T KNOW (DO NOT READ)
1%	REFUSED (DO NOT READ)

D8. Generally speaking, do you consider yourself to be...**(ROTATE TOP TO BOTTOM, BOTTOM TO TOP)**

conservative
moderate
...or...
liberal?

(IF CONSERVATIVE/LIBERAL, ASK:) And would you consider yourself to be VERY (CONSERVATIVE/LIBERAL), or just SOMEWHAT (CONSERVATIVE/LIBERAL)?

40% TOTAL CONSERVATIVE

24% TOTAL LIBERAL

19% VERY CONSERVATIVE
21% SOMEWHAT CONSERVATIVE
32% MODERATE
12% SOMEWHAT LIBERAL
12% VERY LIBERAL

3% UNDECIDED/NOT SURE **(DO NOT READ)**

1% REFUSED **(DO NOT READ)**

D9. How would you describe the area in which you live? Would you say it is...**(ROTATE TOP TO BOTTOM, BOTTOM TO TOP)**

40% TOTAL CITY

35% TOTAL TOWN/RURAL

14% A big city
26% A medium or small city
25% A suburban area
18% A small town
17% A rural area

* DK/REFUSED **(DO NOT READ)**

D10. How close is your home to a major body of water, such as an ocean, bay, major river, or another significant body of water? **(DO NOT RANDOMIZE)**

5% One block or less
5% Several blocks
6% Less than one mile
25% One to five miles
24% Five to 15 miles
15% 16 to 30 miles
20% More than 30 miles

* Don't know enough to say **(DO NOT READ)**
-- REFUSED **(DO NOT READ)**

D11. And for statistical purposes only...

Is your total annual household income greater or less than \$60,000 dollars?

(IF LESS THAN \$60,000, ASK:) Is it... (ROTATE FROM TOP TO BOTTOM/BOTTOM TO TOP)

35% TOTAL UNDER \$60,000
56% TOTAL OVER \$60,000

8% UNDER \$20,000
14% BETWEEN \$20,000 - \$40,000
13% OVER \$40,000

(IF GREATER THAN \$60,000, ASK:) Is it... (ROTATE FROM TOP TO BOTTOM/BOTTOM TO TOP)

12% UNDER \$80,000
14% BETWEEN \$80,000 - \$100,000
30% OVER \$100,000

9% REFUSED **(DO NOT READ)**
