WTC HEALTH REGISTRY HURRICANE SANDY SURVEY

This survey is for:

Instructions Fill in the circles using a black or blue pen.
Example:
Print answers in capital letters.
Example: J A 1 2
1. Today's date Month Day Year 2. What is your date of birth?
Month Day Year
3. What is your gender?
O Male O Female
In this survey, Hurricane or Superstorm Sandy is

sometimes referred to as "Sandy" or "the storm".
The first set of questions is about the home you lived in at the time of Sandy. (Questions 4 to 10)

- 4. During the time right before Sandy did you own your home, rent your home, or live in some other arrangement?
 - O Owned
 - O Rented
 - O Other (staying with relatives or friends, etc.)
- 5. Was the home you lived in...
 - An apartment
 - A townhouse
 - A semi-attached or attached single family house
 - O A detached/free-standing single family house
 - O Other
- 6. On what floor or floors did you live? (Fill in all that apply.)

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- O Basement
- O 1st floor
- O 2nd floor
- O 3rd to 6th floor
- O 7th to 10th floor
- O 11th to 15th floor
- 16th floor or higher

7.	Before Sandy, how many household, including you	
	Enter number of people	e: 📖
8.	Before Sandy, including your household were	you, how many people in
	Less than 2 years old	
	2-17 years old	
	18-64 years old	
	65 years or older	

- Which of the following did your household have prepared <u>before</u> Sandy happened? Don't include things you did during or after the storm. (Fill in <u>all</u> that apply.)
 - O Three days' worth of drinking water per person in your household
 - O Non-perishable food or snacks, such as canned foods and ready to eat foods
 - O A first aid kit
 - O A flashlight
 - A battery operated radio
 - O Personal care and hygiene items such as toothpaste, diapers, and toilet paper
 - All needed medicines available and ready in case of an evacuation
 - O An evacuation plan that all household members knew about
 - O None of the above
- 10. Before Sandy, did you know whether you lived in an evacuation zone?
 - O Yes, I knew I lived in an evacuation zone
 - O Yes, I knew I did **NOT** live in an evacuation zone
 - No, I did not know whether I lived in an evacuation zone

The next questions are about your experiences during and after the storm. (Questions 11 to 54)

- 11. Were you at or near your home when the storm hit (Monday night or early Tuesday, Oct. 29-30, 2012)?
 - O Yes, at my home
 - O Yes, near my home
 - O No

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Don't know/Not sure

 12. At any time during or after the storm, did you ever think you were stranded? By stranded we mean that you were trapped somewhere by the storm, storm damage, or flood waters. ○ Yes ○ No→ (Go to Question 15) ○ Don't know/not sure → (Go to Question 15) 	 20. At any time during or after the storm, were any of your family members, close friends or neighbors personally threatened, robbed, or physically assaulted? Yes No Don't know/not sure
 13. Did you need to be rescued? ○ Yes, by police, firefighters, or other emergency workers ○ Yes, by a friend, neighbor, or someone else ○ No→ (Go to Question 15) 14. How long did you wait to be rescued? ☐ Days Hours Minutes 	 21. At any time during or after the storm, was your home broken into, robbed, or looted when no one was at home? Yes No Don't know/not sure 22. At any time during or after the storm, were you unable to communicate with your family, close friends or neighbors? Yes
15. At any time during or after the storm, did you fear for your life or safety?Yes	O No O Don't know/not sure
O No	23. At any time before, during or after the storm did you evacuate from your home?
16. At any time during or after the storm, were you unsure about the safety or whereabouts of family members, close friends or neighbors?	○ Yes○ No → (Go to Question 37)
	24. When did you evacuate from your home?
O Yes O No	O Before Sandy arrived (Before Monday night, October 29, 2012)
17. Were any of your family members, close friends or neighbors seriously injured or killed in the storm or flooding?	 O During the storm (Monday night or early Tuesday, October 29-30, 2012) O After Sandy had hit (later on Tuesday, Oct 30,
	2012)
	O After the storm had passed (on or after Wednesday
NoDon't know/not sure	October 31, 2012)
	O Don't know/not sure
18. At any time during or after the storm, did you	25. How did you evacuate from your home?
witness anything terrible happen to someone that made you think they might get killed or hurt very badly?	 ○ Walked, drove, or rode, not through water → (Go to Question 27)
O Yes	O Walked or swam through water
O No	O Drove or rode in a vehicle through water
O Don't know/not sure	O Rode in a boat or other floating device
	O Evacuated another way \rightarrow (Go to Question 27)
19. At any time during or after the storm, were you personally threatened, robbed, or physically assaulted?	26. When you evacuated, about how high was the water?
O Yes	O Below or up to your ankles
O No	O Between your ankles and your knees
O Don't know/not sure	O Higher than your knees
	O Higher than your waist
	O Don't know/not sure
:	2

27. Where did you go when you <u>first</u> evacuated from your home? (Select <u>only</u> one.)	34. Have all of your household members who evacuated returned home to live?
O Shelter or evacuation center	O Yes
O Hotel	O No (Go to Question 37)
O Home of family or friends	O Don't know/not sure
O A second home (such as a vacation home)	
O Other	35. Are you planning to return to live in the same
	home you lived in before the storm?
28. Did everyone in your household evacuate to the	O Yes
same place?	O No
O Yes	O Don't know/not sure
O No, some evacuated to a different place	36. Are you now living in a place that you consider a
O No, not all evacuated	temporary home (such as a hotel, with family or
O Don't know/not sure	friends, or a short-term rental)?
29. About how many days did you spend, or have you	O Yes
spent away from home since you evacuated?	O No
1 1 1 1	O Don't know/not sure
Number of days	37. Did you provide shelter to people in your home due to Sandy?
30. If you had pets, were they also safely evacuated?	O Yes
O Yes	O No
O No	38. Did any part of your home flood because of
O Not applicable, I had no pets	Sandy?
O Don't know/not sure	O Yes
31. During the <u>first 30 days</u> after Sandy (until the end	O No→ (Go to Question 41)
of November), did you experience any of the	O Don't know/not sure \rightarrow (Go to Question 41)
following while you were away from home?	39. Which parts of your home flooded?
(Fill in <u>all</u> that apply.)	(Fill in <u>all</u> that apply)
O Lack of privacy	O Living areas (where you eat, sleep, relax)
 Feeling threatened by another person 	O Non-living area (basement, building lobby, garage,
O Lack of sleep	storage areas) (Go to Question 41)
 Feeling disconnected (not knowing what is 	O Other → (Go to Question 41)
happening)	,
O Not knowing where your friends or loved ones were	40. How high did the flood waters reach inside the
O None of the above	living areas of your home?
	O Less than 1 foot
32. Have you returned to live in the same home you	O 1 foot or more, but less than 2 feet
were living in before Sandy?	O 2 feet or more, but less than 3 feet
O Yes	O 3 feet or more, but less than 6 feet
O No → (Go to Question 35)	O 6 feet or more
33. After you evacuated, how soon did you return to live in your home?	41. Which of the following best describes the degree of damage to your home as a result of Sandy? (Consider only damage, not loss of services.)
Within 1 week	O None or minimal damage

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O More than 1 week, but less than 1 month

O Between 1 month and 3 months

O More than 3 months

O Damaged, but habitable

are made

O Destroyed

O Damaged, and uninhabitable until repairs were, or

42. Did you experience the loss of any of the following items due to Sandy? (Fill in <u>all</u> that apply.)

- O Important documents, including ones stored on a computer
- O Items of sentimental value (photos, keepsakes, etc.)
- O Items of financial value (jewelry, electronics, etc.)
- O Vehicle(s), such as a car, truck, motorcycle or boat
- O Other possessions
- O None of the above
- 43. How much would you estimate to be the total financial cost of damage to your home and/or possessions due to Sandy?
 - O None my home and possessions were not damaged or lost
 - O Less than \$5,000
 - O \$5,000 to less than \$25,000
 - O \$25,000 to less than \$50,000
 - O \$50,000 to less than \$100,000
 - O \$100,000 or more
 - O Don't know/not sure
- 44. What is the total amount you anticipate receiving and/or have already received from insurance, FEMA, and/or other sources of financial compensation for your Sandy losses?
 - O None
 - O Less than \$5,000
 - O \$5,000 to less than \$25,000
 - O \$25,000 to less than \$50,000
 - O \$50,000 to less than \$100,000
 - O \$100,000 or more
 - O Don't know/not sure
- 45. Since Sandy, have you seen signs of mold, or smelled a moldy or musty odor in your home that wasn't there before?
 - O Yes
 - O No
 - O Don't know/not sure

- 46. Which of the following did you personally do at a home or homes damaged by Sandy, whether it was your home or someone else's home?

 (Fill in all that apply.)
 - Remove water
 - O Remove mud, debris, or "muck"
 - O "Tear out" work
 - O Major repair
 - O None of the above
- 47. Would you describe your current living conditions as better, worse, or about the same as your living conditions were before Sandy?
 - O Better
 - O Worse
 - O About the same
 - O Don't know/not sure
- 48. How much do you agree with the following statement: "Before Sandy, my neighborhood was close-knit or unified?"
 - Strongly agree
 - O Somewhat agree
 - O Neither agree nor disagree
 - O Somewhat disagree
 - O Strongly disagree
- 49. As far as you know, have you been exposed to any of the following due to Sandy? (Fill in all that apply.)
 - O Sewage
 - O Debris
 - Dirty or contaminated flood water
 - Visible mold
 - O Exhaust fumes from generators
 - Diesel fuel or heating oil leaks or spills
 - O None of the above
- 50. Have you or anyone in your household lost a job, business, or other major source of household income because of Sandy?
 - O Yes
 - \circ No \rightarrow (Go to Question 52)
 - O Don't know/not sure \rightarrow (Go to Question 52)
- 51. Was the job or business in your home?
 - O Yes
 - O No

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52. Did you lose any of these services at your home because of the storm?

If YES, indicate the length of time you were without each service and if you are still without service.

				Length of	Time Without Serv	/ice	
Services	No	Yes	Up to 1 day	Between 2 and 7 days	Between 8 and 30 days	More than 30 days	Fill in if you are still without service
Electricity	0	0	0	0	0	0	0
Running water	0	0	0	0	0	0	0
Heat	0	0	0	0	0	0	0
Land line telephone	0	0	0	0	0	0	0
Cell phone	0	0	0	0	0	0	0
Internet	0	0	0	0	0	0	0

53. In the <u>first 2 months</u> after Sandy (November and December 2012), how much of a problem for <u>you</u> was each of the following issues?

Issues	Not a problem at all	A small problem	Somewhat of a problem	A big problem	An extremely big problem
Access to safe food and/or drinking water	0	0	0	0	0
Lack of electricity or heat	0	0	0	0	0
Getting medical care	0	0	0	0	0
Getting medications	0	0	0	0	0
Lack of public transportation	0	0	0	0	0
Crowded or unsanitary living conditions	0	0	0	0	0
Getting gasoline	0	0	0	0	0
Lack of information, or getting misinformation from authorities	0	0	0	0	0
Workplace closed because of damage	0	0	0	0	0
Closing of businesses in your neighborhood (such as grocery stores, ATMs, restaurants)	0	0	0	0	0
Closing of businesses near your workplace	0	0	0	0	0
Getting loans or other financial assistance	0	0	0	0	0
Getting necessary home repairs	0	0	0	0	0
Family arguments	0	0	0	0	0
Dealing with a housing problem for a relative, close friend or neighbor	0	0	0	0	0

54	. H	How	st	ress	fu	I overa	ll wou	lc	you sa	y	your ex	perie	ences	with	Sand	dy	/ and	İ	ts af	termat	h	have l	been'	?
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	circle above t ssful thing yo			presents yo	ur answer, v	vhere 0 mea	ns not at al	l stressful aı	nd 10 means	s the
0	0	0	0	0	0	0	0	0	0	0
0	1	2	3	4	5	6	7	8	9	10

0 Not at all stressful

The next questions are about your physical health. (Questions 55 to 57)

- 55. In the <u>first week</u> after Sandy did you sustain any injuries as a result of Sandy? If YES, indicate the type of injury and part of body associated with the injury (or injuries).
 - O Yes
 - \bigcirc No \longrightarrow (Go to Question 57)
 - O Don't know/not sure \rightarrow (Go to Question 57)

	Did not	Sustained injury to my									
Type of injury	sustain injury	Arm(s)	Back	Body/ torso	Foot/ feet	Head	Leg(s)	Neck	Eye(s)		
Cut, abrasion, or puncture wound	0	0	0	0	0	0	0	0	0		
Strain/sprain	0	0	0	0	0	0	0	0	0		
Burn	0	0	0	0	0	0	0	0	0		
Broken bone (fracture) or dislocation	0	0	0	0	0	0	0	0	0		
Blunt injury (hit hard by an object)	0	0	0	0	0	0	0	0	0		

- 56. Where did you receive treatment for the most serious of your injuries?
 - O At a hospital or an emergency department
 - O At a doctor's office
 - O Other
 - O Not applicable, I did not receive treatment
- 57. In the <u>last 30 days</u>, have you experienced any of these symptoms when you did <u>NOT</u> have a cold, the flu, or seasonal allergies?

For each symptom, fill in NO or YES. If YES, answer the additional questions.

Symptoms	No	Yes	For how many days did you have this symptom during the last 30 days?	Since Sandy, have you seen a doctor or other health professional for this symptom?		
Shortness of breath	No O	Yes ○→	$ \longrightarrow$	NoO YesO		
Wheezing	No O	Yes ○→	$ \longrightarrow$	NoO YesO		
Persistent cough	No ○	Yes ○→	$\overline{} \rightarrow$	No Yes		
Sinus problems, nose irritation, and/or post nasal irritation	No O	Yes ○→	$\overline{} \rightarrow$	No Yes		
Chest pains, not related to exertion	No ○	Yes ○→	\longrightarrow	No○ Yes○		
Eye irritation	No O	Yes ○→	\longrightarrow	NoO YesO		
Throat irritation	No O	Yes ○→	\longrightarrow	No○ Yes○		
Skin rash or irritation	No O	Yes ○ →	\longrightarrow	NoO YesO		
Frequent severe headaches	No O	Yes ○→	\longrightarrow	NoO YesO		
Heartburn or acid reflux	No O	Yes ○→	\longrightarrow	NoO YesO		

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The next questions are about your emotions and mental health related to Sandy. (Questions 58 and 59)

58. How much have you been bothered by the following problems in the <u>last 30 days?</u>

	Problems	Not at all	A little bit	Moderately	Quite a bit	Extremely
a.	Repeated, disturbing memories, thoughts, or images of the events of Sandy?	0	0	0	0	0
b.	Repeated, disturbing dreams of the events of Sandy?	0	0	0	0	0
C.	Suddenly acting or feeling as if the events of Sandy were happening again (as if you were reliving it)?	0	0	0	0	0
d.	Feeling very upset when something reminded you of the events of Sandy?	0	0	0	0	0
e.	trouble breathing, sweating) when something reminded you of the events of Sandy?	0	0	0	0	0
f.	Avoiding thinking about or talking about the events of Sandy or avoiding having feelings related to it?	0	0	0	0	0
g.	Avoiding activities or situations because they remind you of the events of Sandy?	0	0	0	0	0
h.	Trouble remembering important parts of the events of Sandy?	0	0	0	0	0
i.	Loss of interest in activities that you used to enjoy?	0	0	0	0	0
j.	Feeling distant or cut off from other people?	0	0	0	0	0
k.	Feeling emotionally numb or being unable to have loving feelings for those close to you?	0	0	0	0	0
I.	Feeling as if your future will somehow be cut short?	0	0	0	0	0
m.	Trouble falling or staying asleep?	0	0	0	0	0
n.	Feeling irritable or having angry outbursts?	0	0	0	0	0
0.	Having difficulty concentrating?	0	0	0	0	0
p.	Being "super alert" or watchful or on guard?	0	0	0	0	0
q.	Feeling jumpy or easily startled?	0	0	0	0	0

59. During the last 30 days, about how often did you feel...

	All of the time	Most of the time	Some of the time	A little of the time	None of the time
a. So sad that nothing could cheer you up?	0	0	0	0	0
b. Nervous?	0	0	0	0	0
c. Restless or fidgety?	0	0	0	0	0
d. Hopeless?	0	0	0	0	0
e. That everything was an effort?	0	0	0	0	0
f. Worthless?	0	0	0	0	0

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The next questions are about your general health and well-being. (Questions 60 to 73)	66. Thinking about your mental health, which includes stress, depression, and problems with			
60. Have you experienced any of the following health conditions since Sandy?	emotions, for how many days during the <u>last 30</u> days was your mental health <u>not</u> good?			
(Fill in <u>all</u> that apply.)	Enter number of days OR ONONE			
O Hypothermia (low body temperature)				
O Worsening of asthma	67. In general, how satisfied are you with your life?			
O Worsening of heart disease	O Very satisfied			
O Worsening of arthritis	O Satisfied			
O None of the above	O Dissatisfied			
	O Very dissatisfied			
61. Since Sandy, was there ever a time when you	o very dissautified			
needed health care for a physical health problem,	68. How optimistic do you feel about the way things			
but didn't receive it?	will turn out for you in the future?			
O Yes	O Very optimistic			
O No	O Somewhat optimistic			
	O Not very optimistic			
62. Since Sandy, have you received any counseling	O Not at all optimistic			
for problems with your emotions, nerves or mental health?	o Not at all optimions			
	69. Which of the following best describes how			
O Yes	compassionate you are about the needs of other			
O No	people now, compared to how you were before			
	Sandy?			
63. Since Sandy, was there ever a time when you	O Much more compassionate			
needed mental health care or counseling, but	O More compassionate			
didn't receive it?	O About the same as before			
O Yes	O Less compassionate			
O No	O Much less compassionate			
	70. In the <u>last 30 days</u> have you visited, talked or			
64. In general, would you say that your health is	emailed with friends at least twice?			
O Excellent	O Yes			
O Very good	O No			
O Good				

Enter number of days OR ONONE ONO

71. In the last 30 days have you attended a religious

involved in a volunteer organization or club?

72. In the <u>last 30 days</u> have you been actively

service at least twice?

O Yes O No

O Yes

O Fair

O Poor

health not good?

65. Thinking about your physical health, which

includes physical illness and injury, for how many days during the <u>last 30 days</u> was your physical

73. Since Sandy, how often did family members or friends ...

	Never	Once or twice	A few times	Many times
Let you know they would be around if you needed them?	0	0	0	0
Help you with cleaning up or repairing your property?	0	0	0	0
Give, loan, or offer you money?	0	0	0	0
Give you information on how to do something related to Sandy?	0	0	0	0

These next few questions are about volunteer or paid work you did in response to the storm. (Questions 74 to 77)

74. Did you participate in any of the following tasks as a volunteer after Sandy? (Fill in <u>all</u> that apply)

- O Did not volunteer \rightarrow (Go to Question 76)
- O Rescue
- O Working in a shelter or evacuation center
- O Checking in on people
- O Clearing downed trees
- O Demolition and/or outdoor debris removal
- Distributing food, water, clothing or other necessities
- O Removing indoor debris or doing "tear out"
- O Other

75. How long did you do Sandy related volunteer work?

- O Less than 1 week
- O 1 week to less than 2 weeks
- O 2 weeks to less than 1 month
- O 1 month to less than 3 months
- O 3 months or more

76. Did you participate in any of the following tasks in a paid professional capacity as part of your job after Sandy?

(Fill in all that apply.)

- Did not do this as part of my job
 → (Go to Question 78)
- O Rescue
- O Performing security duties
- O Working in a shelter or evacuation center
- O Checking in on people
- O Clearing downed trees and/or power lines
- O Demolition and/or outdoor debris removal
- O Distributing food, water, clothing or other necessities
- O Removing indoor debris or doing "tear out"
- O Other

77. How long did you do Sandy related work in a paid professional capacity?

- O Less than 1 week
- O 1 week to less than 2 weeks
- O 2 weeks to less than 1 month
- O 1 month to less than 3 months
- O 3 months or more

The following questions are about your experiences with the events of September 11, 2001 and Hurricane Irene in August 2011. (Questions 78 to 79)

78. How much have you been bothered by the following problems in the <u>last</u> 30 days?	Not at all	A little bit	Moderately	Quite a bit	Extremely
Repeated, disturbing memories, thoughts, or images of the events of 9/11?	0	0	0	0	0
Repeated disturbing dreams of the events of 9/11?	0	0	0	0	0
Suddenly acting or feeling as if events of 9/11 were happening again (as if you were reliving it)?	0	0	0	0	0

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	O Yes
	O No
	O Don't know/not sure
The	following information will hole up keep trook of who is completing this guestiannoise
	following information will help us keep track of who is completing this questionnaire.
11113	information will be kept strictly confidential.
80.	Enter the last 4 digits of your Social Security Number:
04	What is your suggest and leadings?
81.	What is your current email address?
82.	What is your current mailing address?
	Street:
	Apt. No
	Apt. 110
	City: State: Zip code:
83.	Is there anything else you would like to tell us about your experiences during Sandy and its aftermath?

79. Did you evacuate your home because of Hurricane Irene in August, 2011?

Thank you for completing the survey.

Please place the completed survey in the envelope provided and drop it in the mail.

If the envelope was not included or was lost, call us at 866-692-9827.

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