

Appendix 1. Linkage to Survey Questionnaires

LIGHT/PR QUESTION	WTC QUESTION
Someone in your family was physically harmed/Friend was physically harmed	Were relatives, friends or co-workers injured or harmed?
Family member missing	Family member missing
Friend missing	Friend missing
Your life was in danger	At any time during or after the storm, did you fear for your life or safety?
The life of family member(s) in danger	The life of family member(s) in danger
Evacuated quickly with no time to prepare	Evacuated quickly with no time to prepare
Prolonged separation from family	Prolonged separation from family
Great difficulty commuting to work/school due to transportation issues/gasoline shortage	Great difficulty commuting to work/school due to transportation issues/gasoline shortage
Great difficulty accessing food for self/family	Great difficulty accessing food for self/family
Home damaged or destroyed	Which of the following best describes the degree of damage to your home as a result of Sandy?
You were physically harmed	The following questions are also about your experiences with Hurricane Sandy and its aftermath-Were you injured?
Pet missing or dead	Were your pets injured, harmed or lost?
Vehicle loss	Did you experience the loss of Vehicle(s), such as a car, truck, motorcycle or boat due to Sandy?
Loss of power/electricity	Did you lose electricity at your home because of the storm?
Did you experience flooding in your home caused by Hurricane Sandy?	Did any part of your home flood because of Sandy?
Displaced from home	Did you evacuate?
Unable to access necessary medical care	In the first 2 months after Sandy (November and December 2012), how much of a problem for you was getting medical care?
Unable to access gasoline for vehicle	In the first 2 months after Sandy (November and December 2012), how much of a problem for you was getting gasoline?
Witnessed death/injury (self or household)/Witnessed death/injury (other; ex. neighbor)	At any time during or after the storm, did you witness anything terrible happen to someone?
Disaster resulted in unemployment (self) / Disaster resulted in unemployment (household)	Have you or anyone in your household lost a job, business, or other major source of household income as a result of Sandy?

Appendix 2. Comparison of multivariable logistic regression models from the main analysis and the sensitivity analysis.

	Overall (Main Analysis)^b	Males Only (Sensitivity Analysis)^c
Variable	aOR (95% CI)	aOR (95% CI)
Responder Status		
Responder	0.28 (0.17-0.46)	0.34 (0.19-0.61)
Community Member (ref)		
Total Number of HS Exposures^d	1.34 (1.28-1.4)	1.37 (1.28-1.47)
Race		
Other	1.97 (1.47-2.64)	2.14 (1.36-3.38)
White (ref)		
Ethnicity		
Hispanic	1.99 (1.4-2.83)	1.27 (0.72-2.26)
Non-Hispanic (ref)		
Education		
HS grad and lower	1.79 (1.29-2.49)	1.22 (0.74-2.02)
> some college (ref)		
Age^e	1.06 (0.8-1.39)	1 (0.99-1.01)
Elapsed Time between survey and Hurricane Sandy^d	1 (1-1.01)	1 (0.98-1.02)
Gender		
Female	1 (0.98-1.01)	-- (-----)
Male (ref)		-- (-----)

Note. HS=high school. aOR=adjusted odds ratio; CI = confidence interval; ref=reference.

- Overall and males only models used 1509/1648 and 728/817 participants, respectively.
- aOR and 95% CI from the multivariable logistic regression model adjusted for elapsed time between survey and Hurricane Sandy and all demographics shown.
- aOR and 95% CI from the multivariable logistic regression model adjusted for and elapsed time between survey and Hurricane Sandy and all demographics shown except gender.