

## PSID 2007 Hurricane Katrina Supplement

July 2009

This brief document contains four sections providing information about the preliminary PSID 2007 Hurricane Katrina Supplement, including: I. study background; II. information about the SAS data file and documentation; III. measures that can be constructed with items in the data file, and IV. the box and arrow instrument that maybe used as a guide in conjunction with the data.

### I. Background:

During the 2007 wave of PSID data collection, a 20-minute supplemental questionnaire was administered to 469 PSID families who resided in Louisiana, Alabama, or Mississippi during 2005 and may have been affected by Hurricane Katrina. The questionnaire was designed to assess exposures to the disaster, impact on a number of socio-economic and mental health outcomes, and permit examination of the role played by socio-economic circumstances that existed prior to Katrina (as measured using PSID panel data) in shaping the impact of this disaster on these families. With many years of data collected on these families and their descendants prior to Katrina, this data collection was designed to take advantage of the unique strengths of the PSID.

Of the 525 PSID families eligible to participate in the Katrina supplement, 469 agreed to participate, for a response rate of 89.3%. An additional n=21 respondents provided partial interviews, declining to continue the interview starting at question S15.

The collection of these data was supported by a collaborative grant from the National Science Foundation and Department of Homeland Security (PI: Stafford, No. 0649543) and an administrative supplement to a grant from the National Institute on Drug Abuse (PI: Galea, No. DA 017642).

### II. SAS Data File and Documentation:

The data provided in the Katrina data file are unprocessed.

The Katrina data may be linked to the 2007 wave of the family file of the PSID using the identification variable ER36002 '2007 FAMILY INTERVIEW (ID) NUMBER.'

Note that permission must first be obtained from PSID in order to link the Katrina data to other restricted PSID data.

The box and arrow questionnaire (Section IV) is a guide that may be used in conjunction with the data. There are a few items of note that are not included in the box and arrow:

1. Codes of '8' indicate "don't know"
2. Codes of '9' indicate "refused to answer"
3. Codes of '0' indicate the question was inapplicable. This code captures all of the n=21 respondents who did not continue with the interview starting at S15, as well as any individuals who were skipped out of a particular question. Zero does not indicate a numeric value.
4. The S5 series allowed multiple mentions for the n=5 who endorsed '1' at S5. The multiple mention data are captured in the follow up questions in S6.
5. The S8 series also allowed multiple mentions for those endorsing '2' at S7. The multiple mentions are captured in the follow up questions in S8a-S8c.

III. Measures Used in the PSID 2007 Hurricane Katrina Supplement:

Section/Measure	References
Hurricane event experiences (S1-S12)	<p>Adapted from multiple previous studies, including World Trade Center, Hurricane Andrew, and Florida hurricanes surveys <i>{scored in Mississippi Community Study}</i></p> <p>Riad, J., &amp; Norris, F. (1996). The influence of relocation on the environmental, social, and psychological stress experienced by disaster victims. <i>Environment and Behavior</i>, 28, 163-163.</p> <p>Coulton, C. J., Korbin, J. E., &amp; Su, M. (1996). Measuring neighborhood context for young children in an urban area. <i>American Journal of Community Psychology</i>, 24(1), 5-32.</p> <p>O'Brien, R. M. (1990). Estimating the reliability of aggregate-level variables based on individual-level characteristics. <i>Sociological Methods &amp; Research</i>, 18, 473-473.</p>
PTSD related to Hurricanes Katrina and Rita (S13a-S15)	<p>PTSD Checklist-Civilian version (PCL) <i>{scored in Detroit Neighborhood Health Study}</i></p> <p>Weathers FW, Litz BT, Herman DS, Huska JA, Keane TM. The PTSD Checklist (PCL): Reliability, validity, and diagnostic utility. Paper presented at the meeting of the International Society for Traumatic Stress Studies, San Antonio, TX, 1993.</p> <p>Andrykowski MA, Cordova MJ, Studts JL, Miller TW. Posttraumatic stress disorder after treatment for breast cancer: Prevalence of diagnosis and use of the PTSD Checklist-Civilian version (PCL-C) as a screening instrument. <i>Journal of Consulting and Clinical Psychology</i>. 1998; 66(3): 586-590.</p> <p>Blanchard EB, Jones-Alexander J, Buckley TC, Forneris CA. Psychometric properties of the PTSD Checklist (PCL). <i>Behav Res Ther</i>. 1996; 34(8): 669-673.</p>
Depression (S16a-S19)	<p>PHQ-9 <i>{scored in Mississippi Community Study}</i></p> <p>Kroenke, K., &amp; Spitzer, R. L. (2002). The PHQ-9: a new depression diagnostic and severity measure. <i>Psychiatric Annals</i>, 32, 1-9.</p> <p>Kroenke, K., Spitzer, R. L., &amp; Williams, J. B. (2001). The PHQ-9: Validity of a brief depression severity measure. <i>Journal of General Internal Medicine</i>, 16(9), 606-613.</p> <p>Spitzer, R. L., Kroenke, K., &amp; Williams, J. B. (1999). Validation and utility of a self-report version of PRIME-MD: The PHQ primary care study. <i>Journal of the American Medical Association</i>, 282, 1737-1744.</p>
Anxiety (S20a-S22)	<p>GAD-7 <i>{scored in Detroit Neighborhood Health Study}</i></p> <p>Spitzer RL, Kroenke K, Williams JBW, Lowe B. A brief measure for assessing Generalized Anxiety Disorder: The GAD-7. <i>Arch Intern Med</i>. 2006; 166: 1092-1097.</p>

Social support (S23a-S24)	<p>Crisis support scale <i>{scored in Mississippi Community Study}</i></p> <p>Joseph, S., Williams, R., &amp; Yule, W. (1992). Crisis support, attributional style, coping style, and post-traumatic symptoms. <i>Personality and Individual Differences</i>, 13(11), 1249-1251.</p> <p>Elklit, A., Pedersen, S. S., &amp; Jind, L. (2001). The Crisis Support Scale: Psychometric qualities and further validation. <i>Personality and Individual Differences</i>, 31, 1291-1302.</p> <p>Gudmundsdottir, H. S., Elklit, A., &amp; Gudmundsdottir, D. J. (2006). PTSD and psychological distress in Icelandic parents of chronically ill children: Does social support have an effect on parental distress? <i>Scandinavian Journal of Psychology</i>, 47, 303-312.</p>
Traumatic life events (S25a1-S25n2)	Modified from CIDI <i>{scored in Mississippi Community Study}</i>
Health status (S26a-S30)	<p>SF-12</p> <p>JE Ware et al. A 12-Item short-form health survey: Construction of scales and preliminary tests of reliability and validity. <i>Medical Care</i> 1996;34:220-233.</p> <p>AS Pickard, JA Johnson et al. Replicability of SF-36 summary scores by the SF-12 in stroke patients. <i>Stroke</i> 1999;30:1213-1217.</p>
Alcohol abuse/dependence (S31-S36)	<p>AUDIT</p> <p>Saunders JB, Aasland OG, Babor TF, de la Fuente JR, Grant M. Development of the Alcohol Use Disorders Identification Test (AUDIT): WHO collaborative project on early detection of persons with harmful alcohol consumption. II. Addition. 1993; 88: 791-804.</p> <p>Bush K, Kivlahan DR, McDonell MB, Fihn SD, Bradley KA, for the Ambulatory Care Quality Improvement Project. The AUDIT Alcohol Consumption Questions (AUDIT-C): An effective brief screening test for problem drinking. <i>Arch Intern Med</i>. 1998; 158: 1789-1795.</p> <p>Bradley KA, Bush K, McDonell MB, Malone T, Fihn SD. Screening for problem drinking: Comparison of CAGE and AUDIT. <i>J Gen Intern Med</i>. 1998; 13: 379-388.</p> <p>Isaacson HJ, Butler R, Zacharek M, Tzelepis A. Screening with the Alcohol Use Disorders Identification Test (AUDIT) in an inner city population. <i>J Gen Intern Med</i>. 1994; 9: 550-553.</p> <p>Volk BJ, Steinbauer JR, Cantor SB, Holzer CE III. The Alcohol Use Disorders Identification Test (AUDIT) as a screen for at-risk patients of different racial/ethnic backgrounds. <i>Addiction</i>. 1997; 92: 197-206.</p>

# PSID 2007

## Hurricane Katrina Supplement

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68 ID					07 ID																	
<p>2. Your Iw. No. _____</p> <p>3. Iw. Date _____</p> <p>4. Iw. Length _____ MINUTES</p> <p>5. Post-edit Length _____ MINUTES</p> <p>6. SAMPLE ID#</p> <table style="margin-left: 20px;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table> <p>IF SPLITOFF: PERSON NUMBER</p> <table style="margin-left: 20px;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>												<p style="text-align: center;">REVIEWED:</p> <p><input type="checkbox"/> BY SUPERVISOR _____(DATE)</p> <p><input type="checkbox"/> BY FIELD OFFICE _____(DATE)</p> <p style="text-align: center;">For Office Use Only</p>										

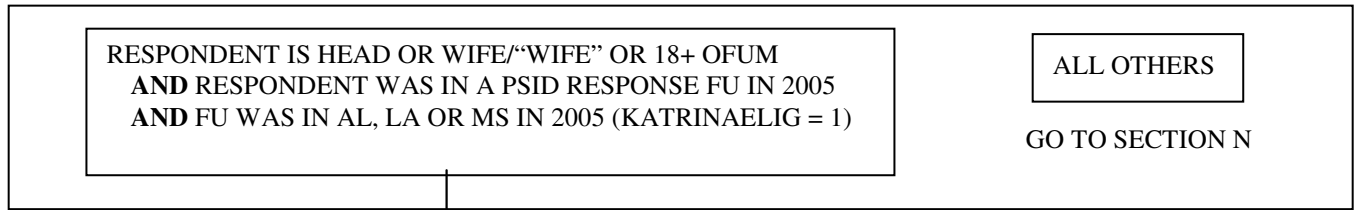
7. Who was your Respondent?   
 1. HEAD   
 2. WIFE   
 3. "WIFE"   
 7. OTHER (SPECIFY)

8. Total number of calls required to obtain interview (see item 19 of Coversheet):

9. Language of interview was **ENTER all that apply:**

1. ENGLISH	2. SPANISH	7. OTHER (SPECIFY)
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RULES FOR KATRINA SUPPLEMENT ELIGIBILITY



S1\_Consent. The University of Michigan’s School of Public Health and the Panel Study of Income Dynamics are conducting a study on health-related issues with Respondents in Hurricane Katrina areas. The study will be used to better understand people’s experiences as a result of hurricane Katrina whether they resided in the immediately affected or surrounding areas. The questions for this part of the interview focus on the experiences you had during the event, the personal, physical and financial loses you may have experienced as a result of the hurricane, as well as the health problems that you may have had because of your experiences with Hurricane Katrina. Understanding how major natural disasters affect people’s health and their finances can help researchers and policy makers understand what needs should be addressed in similar circumstances.

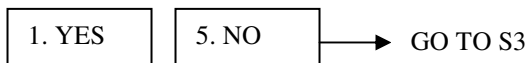
Some of the survey questions deal with sensitive topics such as mental health, substance use or abuse, as well as loss of family or friends during Hurricane Katrina. Some of these questions may be upsetting and you may decide not to answer some of them. Your participation in the study is voluntary and a decision not to participate will not affect your future participation in any way. If there are any questions you do not want to answer, please let me (the interviewer) know and we will move on to the next question. Please understand that the answers you give will be kept confidential and that information from this study will be published only in group form. Your individual name will never be used in any way. If you do choose to participate in the study, you will receive an additional \$20 and a list of health resources in your area after the interview is completed.

For any questions regarding the study you may contact the study manager, Eva Leissou, at 1-800-759-7947. Should you have questions regarding your rights as a research participant, please contact the Behavioral Sciences Institutional Review Board, at 734-936-0933.

S1\_Intro. My next questions focus on the impact of Hurricanes Katrina and Rita on you and your household. We are speaking with everyone in the Gulf Coast area, regardless of whether they were physically affected by the hurricanes or not.



S1. Were you displaced from the place you were living because of Katrina or Rita?



S2. How long were you displaced from your home?  
(THREE VARIABLES: DAYS, 01–90 OR 97 FOR STILL DISPLACED; WEEKS, 01–52; AND MONTHS, 0–15)

IF R SAYS “STILL DISPLACED”, ENTER ‘97’  
FOR 1 DAY OR LESS, ENTER ‘1’

USE ANY COMBINATION OF DAYS, WEEKS, AND MONTHS; AT LEAST ONE MUST HAVE AN AMOUNT

S2a. While you were displaced, did you live with family members you don’t usually live with?



S3. Were you personally present when hurricane force winds or major flooding occurred because of Katrina or Rita?

1. YES      5. NO

S4. How afraid were you during Katrina or Rita that you might be killed or seriously injured by the storm? Would you say you were not at all afraid, a little afraid, moderately afraid or extremely afraid?

1. NOT AT ALL AFRAID      2. A LITTLE AFRAID      3. MODERATELY AFRAID      4. EXTREMELY AFRAID

S5. Were you [or anyone in your family living with you at the time] physically injured in any way as a result of Katrina or Rita?

1. YES      5. NO → GO TO S6a CHECKPOINT

S5a. Who was that?

(2005 FU MEMBERS LIST 01–24; DISPLAY NAME, RTH, FUHU; CODE 97 FOR OTHER SPECIFY)

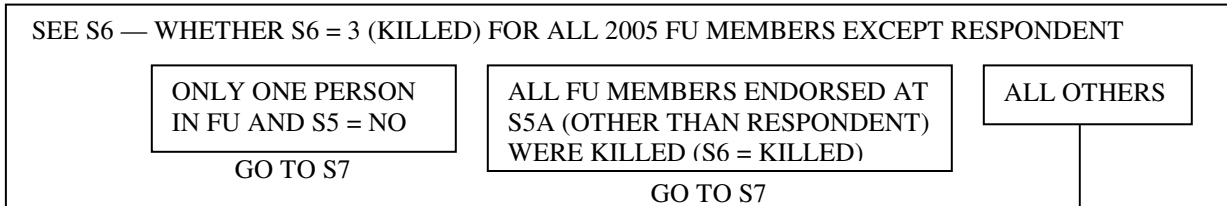
ENTER ALL THAT APPLY

ASK S6 FOR EACH FU MEMBER ENDORSED AT S5a

S6. Would you describe [your/ NAME's] injuries as major or minor?

1. MAJOR      2. MINOR      3. KILLED (VOL) (NOT ALLOWED FOR RESPONDENT)

S6a. RULE



S6a. Was anyone [else] in your family living with you at the time killed as a result of Katrina or Rita?

1. YES      5. NO → GO TO S7

S6b. Who was that?

(2005 FU MEMBERS LIST 01–24 EXCLUDING R & EXCLUDING MEMBERS WHERE S6=KILLED; DISPLAY NAME, RTH, FUHU; CODE 97 FOR OTHER SPECIFY)

ENTER ALL THAT APPLY

S7. As a result of Katrina or Rita, was anyone **else** you know injured or killed?

1. YES, INJURED      2. YES, KILLED      3. YES, BOTH      5. NO, NEITHER  
GO TO S9a

S8a. (As a result of Katrina or Rita,) were any of your **relatives** or family members not living with you at the time injured or killed?

1. YES, INJURED      2. YES, KILLED      3. YES, BOTH      5. NO, NEITHER

S8b. (As a result of Katrina or Rita,) were any of your **close friends** injured or killed?

1. YES, INJURED      2. YES, KILLED      3. YES, BOTH      5. NO, NEITHER

S8c. Did you have any **acquaintances**, that is, people you did not know well, including work colleagues, who were injured or killed (as a result of Katrina or Rita,)?

1. YES, INJURED	2. YES, KILLED	3. YES, BOTH	5. NO, NEITHER
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S9a. Did you personally see any dead bodies either during or after Katrina or Rita?

1. YES	5. NO
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S9b. At any time during or after Katrina or Rita, were you unsure about the safety or whereabouts of any family members or close friends?

1. YES	5. NO
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S9c. Altogether, how much damage to your property or possessions did you experience as a result of Katrina or Rita? Would you say no damage, some damage, a moderate amount of damage, or a lot of damage?

1. NO DAMAGE	2. SOME DAMAGE	3. A MODERATE AMOUNT OF DAMAGE	4. A LOT OF DAMAGE
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S9d. (As a result of Katrina or Rita,) did you suffer any loss of sentimental possessions, like photographs?

1. YES	5. NO
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S10a. **In the first month after Katrina or Rita**, to what extent did you experience any of the following:

A shortage of food?

Would you say not at all, a little, some, or a lot?

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S10b. (**In the first month after Katrina or Rita**, to what extent did you experience...)

A shortage of water?

(Would you say not at all, a little, some, or a lot?)

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S10c. (**In the first month after Katrina or Rita**, to what extent did you experience...)

Feeling isolated?

(Would you say not at all, a little, some, or a lot?)

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S10d. (**In the first month after Katrina or Rita**, to what extent did you experience...)

Unsanitary conditions, such as inadequate toilets?

(Would you say not at all, a little, some, or a lot?)

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S10e. (**In the first month after Katrina or Rita**, to what extent did you experience...)

Fear of crime?

(Would you say not at all, a little, some, or a lot?)

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S10f. (In the first month after Katrina or Rita, to what extent did you experience...)

Loss of electricity?

(Would you say not at all, a little, some, or a lot?)

1. NOT AT ALL	2. A LITTLE	3. SOME	4. A LOT
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S11. Were you involved in any way in the rescue or recovery efforts after Katrina or Rita?

1. YES	5. NO
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S12. Other than rescue and recovery, did you help out in any other way after Katrina or Rita?

1. YES	5. NO
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S13\_Intro. Now I'm going to ask you about problems and complaints you may have had because of your experiences with Katrina or Rita. Please indicate how much you have been bothered by each problem.

S13a. **Since Katrina and Rita**, how much you have been bothered by...

Repeated, disturbing memories, thoughts, or images of Katrina or Rita?

Would you say not at all, a little bit, moderately, quite a bit, or extremely?

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13b. (**Since Katrina and Rita**, how much you have been bothered by...)

Repeated, disturbing dreams of Katrina or Rita?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13c. (**Since Katrina and Rita**, how much you have been bothered by...)

Suddenly acting or feeling as if Katrina or Rita were happening again, as if you were reliving it?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13d. (**Since Katrina and Rita**, how much you have been bothered by...)

Feeling very upset when something reminded you of Katrina or Rita?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13e. (**Since Katrina and Rita**, how much you have been bothered by...)

Having physical reactions such as heart pounding, trouble breathing, or sweating, when something reminded you of Katrina or Rita?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13f. (Since Katrina and Rita, how much you have been bothered by...)

Avoiding thinking about or talking about Katrina or Rita or avoiding having feelings related to it?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13g. (Since Katrina and Rita, how much you have been bothered by...)

Avoiding activities or situations because they reminded you of Katrina or Rita?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13h. (Since Katrina and Rita, how much you have been bothered by...)

Trouble remembering important parts of Katrina or Rita?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13j. (Since Katrina and Rita, how much you have been bothered by...)

Loss of interest in activities that you used to enjoy?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13k. (Since Katrina and Rita, how much you have been bothered by...)

Feeling distant or cut off from other people?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13m. (Since Katrina and Rita, how much you have been bothered by...)

Feeling emotionally numb or being unable to have loving feelings for those close to you?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13n. (Since Katrina and Rita, how much you have been bothered by...)

Feeling as if your future will somehow be cut short?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13p. (Since Katrina and Rita, how much you have been bothered by...)

Trouble falling or staying asleep?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13q. (Since Katrina and Rita, how much you have been bothered by...)

Feeling irritable or having angry outbursts?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13r. (Since Katrina and Rita, how much you have been bothered by...)

Having difficulty concentrating?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S13s. (Since Katrina and Rita, how much you have been bothered by...)

Being "super-alert" or watchful or on guard?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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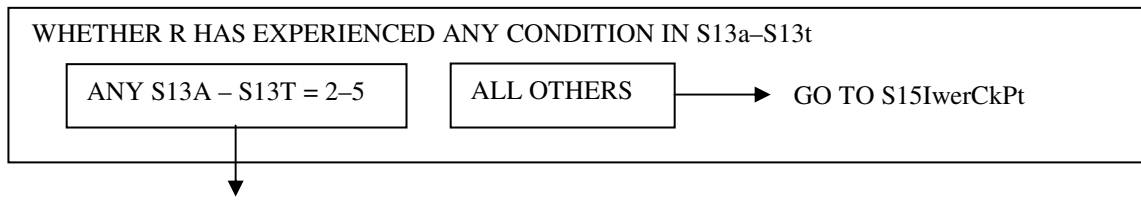
S13t. (Since Katrina and Rita, how much you have been bothered by...)

Feeling jumpy or easily startled?

(Would you say not at all, a little bit, moderately, quite a bit, or extremely?)

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S14. RULE



S14. How difficult have these problems made it for you to do your work, take care of things at home, or get along with other people? Would you say not difficult at all, somewhat difficult, very difficult, or extremely difficult?

1. NOT DIFFICULT AT ALL	2. SOMEWHAT DIFFICULT	3. VERY DIFFICULT	4. EXTREMELY DIFFICULT
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S15. When was the last time you had any of these problems as a result of Katrina or Rita? Would you say within the last week, within the last month, within the past 6 months, or more than 6 months ago?

1. WITHIN THE LAST WEEK	2. WITHIN THE LAST MONTH	3. WITHIN THE PAST 6 MONTHS	4. MORE THAN 6 MONTHS AGO
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S15IwerCkPt. INTERVIEWER CHECKPOINT

YOU HAVE REACHED THE POINT THAT DEFINES A PARTIAL KATRINA IW. PLEASE TELL US HOW THE KATRINA INTERVIEW IS GOING AND WHAT SHOULD HAPPEN NOW.

CONTINUE WITH KATRINA INTERVIEW;  
ENTER [1] TO CONTINUE

R REFUSES TO CONTINUE KATRINA INTERVIEW — EXIT KATRINA;  
ENTER [9] TO GO TO PAYMENT/ADDRESS UPDATE

1. CONTINUE WITH KATRINA IW

GO TO S16a

9. R REFUSES TO CONTINUE KATRINA IW —  
EXIT KATRINA

GO TO SECTION N

S16a. The next questions are about ways you may have been feeling or may have behaved. Thinking about the time **since Katrina and Rita**, how often have you been bothered by...

Little interest or pleasure in doing things?

Would you say not at all, several days, more than half the days or nearly every day?

1. NOT AT ALL

2. SEVERAL  
DAYS

3. MORE THAN HALF  
THE DAYS

4. NEARLY  
EVERY DAY

S16b. (**Since Katrina and Rita**, how often have you been bothered by...)

Feeling down, depressed, or hopeless?

(Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL

2. SEVERAL  
DAYS

3. MORE THAN HALF  
THE DAYS

4. NEARLY  
EVERY DAY

S16c. (**Since Katrina and Rita**, how often have you been bothered by...)

Trouble falling or staying asleep, or sleeping too much?

(Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL

2. SEVERAL  
DAYS

3. MORE THAN HALF  
THE DAYS

4. NEARLY  
EVERY DAY

S16d. (**Since Katrina and Rita**, how often have you been bothered by...)

Feeling tired or having little energy?

(Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL

2. SEVERAL  
DAYS

3. MORE THAN HALF  
THE DAYS

4. NEARLY  
EVERY DAY

S16e. (**Since Katrina and Rita**, how often have you been bothered by...)

Poor appetite or overeating?

(Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL

2. SEVERAL  
DAYS

3. MORE THAN HALF  
THE DAYS

4. NEARLY  
EVERY DAY

S16f. (Since **Katrina and Rita**, how often have you been bothered by...)  
 Feeling bad about yourself or that you are a failure or have let yourself or your family down?  
 (Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL	2. SEVERAL DAYS	3. MORE THAN HALF THE DAYS	4. NEARLY EVERY DAY
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S16g. (Since **Katrina and Rita**, how often have you been bothered by...)  
 Trouble concentrating on things, such as reading the newspaper or watching television?  
 (Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL	2. SEVERAL DAYS	3. MORE THAN HALF THE DAYS	4. NEARLY EVERY DAY
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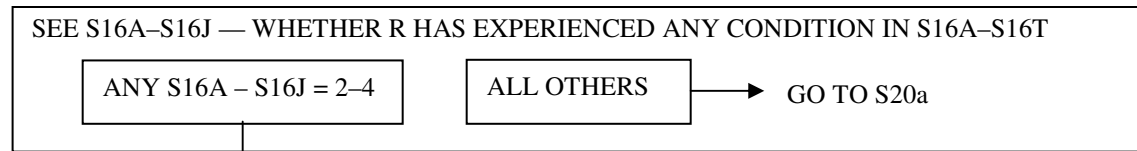
S16h. (Since **Katrina and Rita**, how often have you been bothered by...)  
 Moving or speaking so slowly that other people could have noticed? Or the opposite, being so fidgety or restless that you have been moving around a lot more than usual?  
 (Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL	2. SEVERAL DAYS	3. MORE THAN HALF THE DAYS	4. NEARLY EVERY DAY
---------------	-----------------	----------------------------	---------------------

S16j. (Since **Katrina and Rita**, how often have you been bothered by...)  
 Thoughts that you would be better off dead or of hurting yourself in some way?  
 (Would you say not at all, several days, more than half the days or nearly every day?)

1. NOT AT ALL	2. SEVERAL DAYS	3. MORE THAN HALF THE DAYS	4. NEARLY EVERY DAY
---------------	-----------------	----------------------------	---------------------

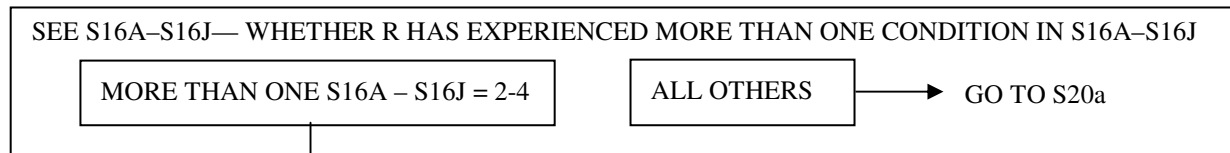
S17. RULE



S17. How difficult have these problems made it for you to do your work, take care of things at home, or get along with other people? Would you say not difficult at all, somewhat difficult, very difficult, or extremely difficult?

1. NOT DIFFICULT AT ALL	2. SOMEWHAT DIFFICULT	3. VERY DIFFICULT	4. EXTREMELY DIFFICULT
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S18. RULE



S18. Thinking about the time **since Katrina and Rita**, did these experiences or feelings you just mentioned ever happen at the same time, or at least within the same two week period?

1. YES	5. NO → GO TO S20a
--------	--------------------

S19. When was the last time you had a lot of these experiences, moods, or feelings at the same time? Would you say within the last week, within the last month, within the past 6 months, or more than 6 months ago?

- |                         |                          |                             |                           |
|-------------------------|--------------------------|-----------------------------|---------------------------|
| 1. WITHIN THE LAST WEEK | 2. WITHIN THE LAST MONTH | 3. WITHIN THE PAST 6 MONTHS | 4. MORE THAN 6 MONTHS AGO |
|-------------------------|--------------------------|-----------------------------|---------------------------|

S20a. **Since Katrina and Rita**, how often have you been bothered by...

Feeling nervous, anxious or on edge?

Would you say not at all, several days, more than half the days or nearly every day?

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S20b. (**Since Katrina and Rita**, how often have you been bothered by...)

Not being able to stop or control worrying?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S20c. (**Since Katrina and Rita**, how often have you been bothered by...)

Worrying too much about different things?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S20d. (**Since Katrina and Rita**, how often have you been bothered by...)

Trouble relaxing?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S20e. (**Since Katrina and Rita**, how often have you been bothered by...)

Being so restless that it is hard to sit still?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S20f. (**Since Katrina and Rita**, how often have you been bothered by...)

Becoming easily annoyed or irritable?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

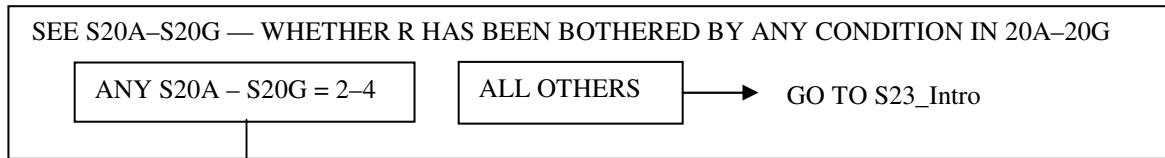
S20g. (**Since Katrina and Rita**, how often have you been bothered by...)

Feeling afraid as if something awful might happen?

(Would you say not at all, several days, more than half the days or nearly every day?)

- |               |                 |                            |                     |
|---------------|-----------------|----------------------------|---------------------|
| 1. NOT AT ALL | 2. SEVERAL DAYS | 3. MORE THAN HALF THE DAYS | 4. NEARLY EVERY DAY |
|---------------|-----------------|----------------------------|---------------------|

S21. RULE



S21. How difficult have these feelings made it for you to do your work, take care of things at home, or get along with other people? Would you say not difficult at all, somewhat difficult, very difficult, or extremely difficult?

- |                            |                          |                      |                           |
|----------------------------|--------------------------|----------------------|---------------------------|
| 1. NOT DIFFICULT<br>AT ALL | 2. SOMEWHAT<br>DIFFICULT | 3. VERY<br>DIFFICULT | 4. EXTREMELY<br>DIFFICULT |
|----------------------------|--------------------------|----------------------|---------------------------|

S22. When was the last time you had a lot of these moods or feelings at the same time? Would you say within the last week, within the last month, within the past 6 months, or more than 6 months ago?

- |                            |                             |                                |                              |
|----------------------------|-----------------------------|--------------------------------|------------------------------|
| 1. WITHIN THE<br>LAST WEEK | 2. WITHIN THE<br>LAST MONTH | 3. WITHIN THE PAST<br>6 MONTHS | 4. MORE THAN 6<br>MONTHS AGO |
|----------------------------|-----------------------------|--------------------------------|------------------------------|

S23\_Intro. The next questions are about help you received from others during the two-month period of time between late August and late October 2005, or, in other words, **between Katrina and Halloween. The help does not have to be connected to Katrina or Rita.** We are interested in **all help you received from anyone in your family or any of your friends, whatever the reason.**

S23a. **Between Katrina and Halloween,** how often was someone willing to listen to you when you needed to talk? Please rate how often this happened on a scale from 1 to 7, where “1” means “Never” and “7” means “Always”.

- |          |        |          |         |         |        |           |
|----------|--------|----------|---------|---------|--------|-----------|
| 1. NEVER | 2. TWO | 3. THREE | 4. FOUR | 5. FIVE | 6. SIX | 7. ALWAYS |
|----------|--------|----------|---------|---------|--------|-----------|

S23b. **(Between Katrina and Halloween,)**  
How often did you have contact with people who were in a similar situation to you?  
(On a scale from 1 to 7, where “1” means “Never” and “7” means “Always”)

- |          |        |          |         |         |        |           |
|----------|--------|----------|---------|---------|--------|-----------|
| 1. NEVER | 2. TWO | 3. THREE | 4. FOUR | 5. FIVE | 6. SIX | 7. ALWAYS |
|----------|--------|----------|---------|---------|--------|-----------|

S23c. **(Between Katrina and Halloween,)**  
How often were you able to talk about your thoughts and feelings with others?  
(On a scale from 1 to 7, where “1” means “Never” and “7” means “Always”)

- |          |        |          |         |         |        |           |
|----------|--------|----------|---------|---------|--------|-----------|
| 1. NEVER | 2. TWO | 3. THREE | 4. FOUR | 5. FIVE | 6. SIX | 7. ALWAYS |
|----------|--------|----------|---------|---------|--------|-----------|

S23d. **(Between Katrina and Halloween,)**  
How often did you receive sympathy and support from others?  
(On a scale from 1 to 7, where “1” means “Never” and “7” means “Always”)

- |          |        |          |         |         |        |           |
|----------|--------|----------|---------|---------|--------|-----------|
| 1. NEVER | 2. TWO | 3. THREE | 4. FOUR | 5. FIVE | 6. SIX | 7. ALWAYS |
|----------|--------|----------|---------|---------|--------|-----------|

S23e. **(Between Katrina and Halloween,)**  
How often did you receive practical help from others?  
(On a scale from 1 to 7, where “1” means “Never” and “7” means “Always”)

- |          |        |          |         |         |        |           |
|----------|--------|----------|---------|---------|--------|-----------|
| 1. NEVER | 2. TWO | 3. THREE | 4. FOUR | 5. FIVE | 6. SIX | 7. ALWAYS |
|----------|--------|----------|---------|---------|--------|-----------|

S23f. **(Between Katrina and Halloween.)**

How often did you feel let down?

(On a scale from 1 to 7, where “1” means “Never” and “7” means “Always”)

1. NEVER	2. TWO	3. THREE	4. FOUR	5. FIVE	6. SIX	7. ALWAYS
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S24. How **often** are you in contact with any members of your family or friends who do not live with you, including visits, phone calls, letters, or e-mail. Would you say nearly every day, 3 to 4 days a week, 1 to 2 days a week, 1 to 3 days a month, less than once a month, or never?

1. NEARLY EVERY DAY	2. 3 – 4 DAYS A WEEK	3. 1 – 2 DAYS A WEEK	4. 1 – 3 DAYS A MONTH
5. LESS THAN ONCE A MONTH	6. NEVER	7. NO FAMILY / FRIENDS (VOL)	

S25\_Intro. Some people who have been through disasters also have been through other events that may be extraordinarily stressful, frightening or upsetting to almost anyone. Now I am going to ask you about some of these types of events other than Katrina and Rita.

S25a1. **During your lifetime**, other than Katrina and Rita, have you ever been through a natural disaster, such as a major earthquake, hurricane, flood, or tornado?

1. YES	5. NO	→ GO TO S25b1
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S25a2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25b1. **(During your lifetime,)**

Have you ever been through a serious accident at work, in a car or somewhere else?

1. YES	5. NO	→ GO TO S25c1
--------	-------	---------------

S25b2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25c1. **(During your lifetime,)**

Have you ever been attacked with a gun, knife or some other weapon, regardless of when it happened, who did it or whether it was reported?

1. YES	5. NO	→ GO TO S25d1
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S25c2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25c3. Who was it that attacked you? Was it a stranger, a friend or acquaintance, your spouse or romantic partner, a relative, or someone else who attacked you?

1. STRANGER	2. FRIEND OR ACQUAINTANCE	3. SPOUSE OR ROMANTIC PARTNER	4. RELATIVE	5. SOMEONE ELSE
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S25d1. **(During your lifetime,)**

Have you ever been attacked without a weapon, but with the intent to kill or seriously injure you, regardless of when it happened, who did it or whether it was reported?

1. YES	5. NO	→ GO TO S25e1
--------	-------	---------------

S25d2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25d3. Who was it that attacked you? Was it a stranger, a friend or acquaintance, your spouse or romantic partner, a relative, or someone else who attacked you?

1. STRANGER	2. FRIEND OR ACQUAINTANCE	3. SPOUSE OR ROMANTIC PARTNER	4. RELATIVE	5. SOMEONE ELSE
-------------	---------------------------	-------------------------------	-------------	-----------------

S25e1. **(During your lifetime,)**

Has someone ever used physical force or threat of force to make you have some type of unwanted sexual contact, that is, contact between someone else and your sexual organs or between you and someone else's sexual organs?

1. YES	5. NO	→ GO TO S25f
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S25e2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25f. **(During your lifetime,)**

Were you ever physically abused or seriously neglected as a child?

1. YES	5. NO
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S25g1. **(During your lifetime,)**

Did you ever participate in military combat?

1. YES	5. NO	→ GO TO S25h1
--------	-------	---------------

S25g2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25h1. (During your lifetime,)

Were you ever diagnosed with a life-threatening illness?

1. YES	5. NO	→ GO TO S25j1
--------	-------	---------------

S25h2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25j1. (During your lifetime,)

Did someone very close to you ever die unexpectedly?

1. YES	5. NO	→ GO TO S25k1
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S25j2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25k1. (During your lifetime,)

Did someone very close to you ever have an extremely traumatic experience?

1. YES	5. NO	→ GO TO S25m1
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S25k2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25m1. (During your lifetime,)

Have you ever seen someone seriously injured or violently killed?

1. YES	5. NO	→ GO TO S25n1
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S25m2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S25n1. (During your lifetime,)

Have you ever been through any other extraordinarily stressful situation or event?

1. YES	5. NO	→ GO TO S26a
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S25n2. Was that before or after Katrina and Rita?

1. BEFORE BOTH KATRINA AND RITA	2. AFTER KATRINA BUT BEFORE RITA (VOL)	3. AFTER BOTH KATRINA AND RITA	4. BOTH BEFORE AND AFTER THE HURRICANES (VOL)
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S26a. The following items are about activities you might do during a typical day. How much does your health now limit you in moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf? Would you say a lot, a little, or not at all?

1. A LOT	2. A LITTLE	3. NOT AT ALL
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S26b. How about climbing several flights of stairs? Does your health now limit you in this a lot, a little, or not at all?

1. A LOT	2. A LITTLE	3. NOT AT ALL
----------	-------------	---------------

S27a. **During the past month**, have you had any of the following problems with your work or other regular daily activities **as a result of your physical health**:

Accomplished less than you would like?

1. YES	5. NO
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S27b. Were limited in the kind of work or other activities?

(**During the past month**, did you have this problem with your work or other regular daily activities as a result of your physical health?)

1. YES	5. NO
--------	-------

S27c. **During the past month**, have you had any of the following problems with your work or other regular daily activities **as a result of any emotional problems such as feeling depressed or anxious**:

Accomplished less than you would like?

1. YES	5. NO
--------	-------

S27d. Didn't do work or other activities as carefully as usual?

(**During the past month**, did you have this problem with your work or other regular daily activities as a result of emotional problems such as feeling depressed or anxious?)

1. YES	5. NO
--------	-------

S28. **During the past month**, how much did pain interfere with your normal work, including work outside the home and housework? Would you say not at all, a little bit, moderately, quite a bit, or extremely?

1. NOT AT ALL	2. A LITTLE BIT	3. MODERATELY	4. QUITE A BIT	5. EXTREMELY
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S29\_Intro. These questions are about how you feel and how things have been with you **during the past month**. For each question, please give the one answer that comes closest to the way you have been feeling.

S29a. **During the past month**, how much of the time...

Have you felt calm and peaceful?

Would you say all of the time, most of the time, a good bit of the time, some of the time, a little of the time, or none of the time?

1. ALL OF THE TIME	2. MOST OF THE TIME	3. A GOOD BIT OF THE TIME	4. SOME OF THE TIME	5. A LITTLE OF THE TIME	6. NONE OF THE TIME
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S29b. **(During the past month, how much of the time did you...)**

Have a lot of energy?

(Would you say all of the time, most of the time, a good bit of the time, some of the time, a little of the time, or none of the time?)

1. ALL OF THE TIME	2. MOST OF THE TIME	3. A GOOD BIT OF THE TIME	4. SOME OF THE TIME	5. A LITTLE OF THE TIME	6. NONE OF THE TIME
--------------------	---------------------	---------------------------	---------------------	-------------------------	---------------------

S29c. **(During the past month, how much of the time have you...)**

Felt downhearted and blue?

(Would you say all of the time, most of the time, a good bit of the time, some of the time, a little of the time, or none of the time?)

1. ALL OF THE TIME	2. MOST OF THE TIME	3. A GOOD BIT OF THE TIME	4. SOME OF THE TIME	5. A LITTLE OF THE TIME	6. NONE OF THE TIME
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S30. **During the past month, how much of the time have your physical or emotional problems interfered with your social activities, like visiting with friends or relatives? Would you say all of the time, most of the time, some of the time, a little of the time, or none of the time?**

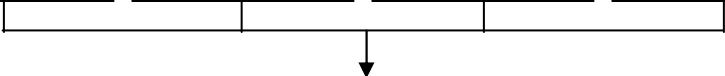
1. ALL OF THE TIME	2. MOST OF THE TIME	3. SOME OF THE TIME	4. A LITTLE OF THE TIME	5. NONE OF THE TIME
--------------------	---------------------	---------------------	-------------------------	---------------------

S31\_Intro. Because alcohol use can affect your health and can interfere with certain medications and treatments, it is important that we ask some questions about your use of alcohol. Your answers will remain confidential so please be honest. When we ask about a drink of alcohol, we mean 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor.

S31. How often do you have a drink containing alcohol? Would you say never, monthly or less, two to four times a month, two to three times a week, or four or more times a week?

1. NEVER	2. MONTHLY OR LESS	3. 2 – 4 TIMES A MONTH	4. 2 – 3 TIMES A WEEK	5. 4 OR MORE TIMES A WEEK
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GO TO SECTION N



S32. How many drinks containing alcohol do you have on a typical day when you are drinking?

1. 1 OR 2	2. 3 OR 4	3. 5 OR 6	4. 7 TO 9	5. 10 OR MORE
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S33. How often do you have six or more drinks on one occasion? Would you say never, less than monthly, monthly, weekly, or daily?

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
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S34a. How often **during the last year** have you...

Found that you were not able to stop drinking once you had started?

Would you say never, less than monthly, monthly, weekly, or daily?

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
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S34b. (How often **during the last year** have you...)

Failed to do what was normally expected of you because of drinking?

(Would you say never, less than monthly, monthly, weekly, or daily?)

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
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S34c. (How often **during the last year** have you...)

Needed a first drink in the morning to get yourself going after a heavy drinking session?

(Would you say never, less than monthly, monthly, weekly, or daily?)

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
----------	----------------------	------------	-----------	----------

S34d. (How often **during the last year** have you...)

Had a feeling of guilt or remorse after drinking?

(Would you say never, less than monthly, monthly, weekly, or daily?)

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
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S34e. (How often **during the last year** have you...)

Been unable to remember what happened the night before because of your drinking?

(Would you say never, less than monthly, monthly, weekly, or daily?)

1. NEVER	2. LESS THAN MONTHLY	3. MONTHLY	4. WEEKLY	5. DAILY
----------	----------------------	------------	-----------	----------

S35. Have you or **someone** else been injured because of your drinking?

**IF YES, PROBE:** Was that before last year or within the last year?

1. YES, BUT NOT IN THE LAST YEAR	2. YES, DURING THE LAST YEAR	5. NO
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S36. Has a **relative**, friend, doctor or other health care worker been concerned about your drinking or suggested you cut down?

**IF YES, PROBE:** Was that before last year or within the last year?

1. YES, BUT NOT IN THE LAST YEAR	2. YES, DURING THE LAST YEAR	5. NO
----------------------------------	------------------------------	-------