

CODEBOOK
Robin Hood 2018-2019 39m Follow-up Survey
Updated May 18, 2023

public_id	Public ID number
q13surveyyear	Year of survey administration
q13surveymonth	Month of survey administration <ol style="list-style-type: none"> 1. January 2. February 3. March 4. April 5. May 6. June 7. July 8. August 9. September 10. October 11. November 12. December
q13late	Flag for late survey (completed after next survey in sequence) <ol style="list-style-type: none"> 1. Yes 2. No
q13newyork	Are you still a resident of New York City? <ol style="list-style-type: none"> 1. Yes 2. No 97. No answer 98. Don't know 99. Refused
q13a1	Do you currently live with a spouse, domestic partner (a live-in romantic partner), or neither? <ol style="list-style-type: none"> 1. Spouse 2. Domestic partner 3. Neither 97. No answer 98. Don't know 99. Refused
q13a2	Do you have at least one biological or adopted child under the age of 18 who lives with you? <ol style="list-style-type: none"> 1. Yes 2. No 97. No answer 98. Don't know 99. Refused
q13b1	Would you say your health in general is...

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b2

In general, would you say your quality of life is...

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b3

In general, how would you rate your physical health?

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b4

In general, how would you rate your mental health, including your mood and your ability to think?

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b5

In general, how would you rate your satisfaction with your social activities and relationships?

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair

- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b6

In general, please rate how well you carry out your usual social activities and roles. (This includes activities at home, at work and in your community, and responsibilities as a parent, child, spouse, employee, friend, etc.).

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13b7

To what extent are you able to carry out your everyday physical activities such as walking, climbing stairs, carrying groceries, or moving a chair?

- 1. Completely
- 2. Mostly
- 3. Moderately
- 4. A little
- 5. Not at all
- 97. No answer
- 98. Don't know
- 99. Refused

q13b8

In the past 7 days... How often have you been bothered by emotional problems such as feeling anxious, depressed, or irritable?

- 1. Never
- 2. Rarely
- 3. Sometimes
- 4. Often
- 5. Always
- 97. No answer
- 98. Don't know
- 99. Refused

q13b9

In the past 7 days... How would you rate your fatigue on average?

- 1. None
- 2. Mild

- 3. Moderate
- 4. Severe
- 5. Very severe
- 97. No answer
- 98. Don't know
- 99. Refused

q13b10

In the past 7 days... How would you rate your pain on average? You can use a scale from 0 to 10 where 0 equals no pain and 10 equals the worst imaginable pain.

[Entered response 0-10]

- 97. No answer
- 98. Don't know
- 99. Refused

q13b11

In the past 12 months, have you stayed overnight in a hospital because of your own health? Do not include hospital stays related to giving birth.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_1

Has a doctor or other health professional ever told you that you have or had... Asthma?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_2

Has a doctor or other health professional ever told you that you have or had... Diabetes? ...other than during pregnancy?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_3

Has a doctor or other health professional ever told you that you have or had... Hypertension or high blood pressure?

- 1. Yes
- 2. No

- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_4

Has a doctor or other health professional ever told you that you have or had... Heart disease?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_5

Has a doctor or other health professional ever told you that you have or had... Cancer?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_6

Has a doctor or other health professional ever told you that you have or had... Arthritis?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_7

Has a doctor or other health professional ever told you that you have or had... Migraines?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_8

Has a doctor or other health professional ever told you that you have or had... A sleep disorder such as sleep apnea?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b12_9

Has a doctor or other health professional ever told you that you have or had... Any kind of chronic health condition, other than the ones

mentioned above?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b17

In the past 12 months, how often did you have four or more alcoholic drinks in one day? By "alcoholic drink" we mean beer, wine, liquor or a mixed drink.

- 1. Every day or almost every day
- 2. A few times a week
- 3. A few times a month
- 4. About once a month
- 5. Less than once a month
- 6. Never
- 97. No answer
- 98. Don't know
- 99. Refused

q13b20

By yourself, and without using any special equipment, how difficult is it for you to walk a quarter of a mile - about 3 city blocks? Would you say...

- 1. Not at all difficult
- 2. Only a little difficult
- 3. Somewhat difficult
- 4. Very difficult
- 5. Can't do at all
- 6. Don't do this activity
- 97. No answer
- 98. Don't know
- 99. Refused

q13b23

During the past 30 days, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b24

Thinking about nutrition...how many total servings of fruit and/or vegetables did you eat yesterday? A serving would equal one medium

apple, a handful of broccoli, or a cup of carrots.

[Entered response 0-4]

5. 5+

97. No answer

98. Don't know

99. Refused

q13b30

Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?

1. Yes

2. No

97. No answer

98. Don't know

99. Refused

q13b31

Do you have serious difficulty walking or climbing up stairs?

1. Yes

2. No

97. No answer

98. Don't know

99. Refused

q13b32

Do you have difficulty dressing or bathing?

1. Yes

2. No

97. No answer

98. Don't know

99. Refused

q13b33

Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?

1. Yes

2. No

97. No answer

98. Don't know

99. Refused

q13b34

In the past 12 months, have you taken a prescription medication for a mental health problem?

1. Yes

2. No

97. No answer

- 98. Don't know
- 99. Refused

q13b35

In the past 12 months, have you received any counseling for a mental health problem?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b36

Was there a time in the past 12 months when you needed treatment for a mental health problem, but did not get it?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b37_1

Here is a list of some reasons that people might not get treatment for a mental health problem. Please select which of the following, if any, is a reason why you did not get treatment for a mental health problem. You couldn't afford the cost.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b37_2

Here is a list of some reasons that people might not get treatment for a mental health problem. Please select which of the following, if any, is a reason why you did not get treatment for a mental health problem. You didn't know where to go for help.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b37_3

Here is a list of some reasons that people might not get treatment for a mental health problem. Please select which of the following, if any, is a reason why you did not get treatment for a

mental health problem. You didn't feel comfortable talking to a professional about your personal problems.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b37_4

Here is a list of some reasons that people might not get treatment for a mental health problem. Please select which of the following, if any, is a reason why you did not get treatment for a mental health problem. Some other reason?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13b37_5

Here is a list of some reasons that people might not get treatment for a mental health problem. Please select which of the following, if any, is a reason why you did not get treatment for a mental health problem. None of the above.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c1a

In a previous survey, you told us about a child. Do you know which child this refers to?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c1b

In a previous survey, you told us about a child. Is this child still under 18 and living in your household?

- 1. Yes
- 2. No, is over 18
- 3. No, child not living in household
- 97. No answer
- 98. Don't know
- 99. Refused

q13c2

Is your focal child male or female?

- 1. Male
- 2. Female
- 97. No answer
- 98. Don't know
- 99. Refused

q13c3_age

How old is your focal child in years?

- [Entered numeric response]
- 970. No answer

q13c4

In general would you say your focal child's health is excellent, very good, good, fair, or poor?

- 1. Excellent
- 2. Very good
- 3. Good
- 4. Fair
- 5. Poor
- 97. No answer
- 98. Don't know
- 99. Refused

q13c6

In the past 12 months, has focal child stayed overnight in a hospital for any reason? Please do not include time spent in the hospital at birth.

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c7_1

Has a doctor or other health professional ever told you that focal child has asthma?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c7_2

Has a doctor or other health professional ever told you that focal child has a food allergy?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c7_3

Has a doctor or other health professional ever told you that focal child has other kinds of allergies?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c7_5

Has a doctor or other health professional ever told you that focal child has developmental problems, such as developmental delay, ADHD, autism, or any other learning disability?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c7_6

Has a doctor or other health professional ever told you that focal child has any other kind of chronic health condition?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c13

In the past 12 months, has focal child experienced breathing or other respiratory problems such as wheezing or shortness of breath?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13c14

In the past 12 months, has focal child had an episode of asthma or an asthma attack?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13d3

The following statements are about behavior

problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Cheats or tells lies

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d4

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Has difficulty concentrating or cannot pay attention for long.

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d5

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Is easily confused or seems to be in a fog.

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d6

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Bullies or is cruel or mean to others

- 1. Often true
- 2. Sometimes true
- 3. Not true

- 97. No answer
- 98. Don't know
- 99. Refused

q13d7

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Does not seem to feel sorry after they misbehaves

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d8

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Is impulsive or acts without thinking.

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d9

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Has a lot of difficulty getting their mind off certain thoughts

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d10

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last

three months. Then select whether the statement is often true, sometimes true, or not true. Is restless or overly active or cannot sit still.

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d11

The following statements are about behavior problems many children have. For each item, think about focal child's behavior over the last three months. Then select whether the statement is often true, sometimes true, or not true. Breaks things on purpose or deliberately destroys their own or another's things

- 1. Often true
- 2. Sometimes true
- 3. Not true
- 97. No answer
- 98. Don't know
- 99. Refused

q13d12

What type of school does your focal child attend?

- 1. Public
- 2. Private
- 3. Charter
- 4. Home school
- 5. Other
- 6. Child does not attend school
- 97. No answer
- 98. Don't know
- 99. Refused

q13d14

In a typical month during the most recent school year, how many days was focal child absent from school? Your best estimate is fine.

- 0. Less than 1
- 4. More than 3
- 97. No answer
- 98. Don't know
- 99. Refused

q13d15

Has your focal child been expelled or suspended from school even for one day during the past 12

months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13d16

What kind of grading system does your focal child's school use?

- 1. A, B, C, D, and F
- 2. Numeric (0-100)
- 3. Excellent, very good, good, satisfactory, poor, and failing
- 4. Other type of grading system
- 97. No answer
- 98. Don't know
- 99. Refused

q13d17a

Which best describes the grades that your focal child is getting in school? Letter

- 1. Mostly As
- 2. Mostly Bs
- 3. Mostly Cs
- 4. Mostly Ds and Fs
- 97. No answer
- 98. Don't know
- 99. Refused

q13d17b

Which best describes the grades that your focal child is getting in school? Percentage

- 1. Mostly 90s
- 2. Mostly 80s
- 3. Mostly 70s
- 4. Or less than that
- 97. No answer
- 98. Don't know
- 99. Refused

q13d17c

Which best describes the grades that your focal child is getting or how she/he is doing in school?

- 1. Excellent
- 2. Very good or good
- 3. Satisfactory
- 4. Poor or failing
- 97. No answer
- 98. Don't know
- 99. Refused

q13d18

Has your focal child ever repeated a grade?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13d19

Has your focal child ever been classified by his/her school as needing special education, or been given an individual education plan (IEP)?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13d20

In the past month, how often did you or your spouse or partner help focal child with homework or school assignments?

- 1. Every day
- 2. Several times a week
- 3. Once a week
- 4. Not once in the past month
- 97. No answer
- 98. Don't know
- 99. Refused

q13e16

Do you provide regular care to a family member who either lives with you or lives nearby, and who has a disability or chronic illness?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13e17_1

Even if it can be rewarding, helping a family member who is ill or disabled can sometimes be difficult. On a scale from 1 to 5, where 1 is not very difficult and 5 is very difficult, tell me... how difficult is it financially for you?

[Entered response 0-5]

- 97. No answer
- 98. Don't know
- 99. Refused

q13e17_2

Even if it can be rewarding, helping a family member who is ill or disabled can sometimes be

	<p>difficult. On a scale from 1 to 5, where 1 is not very difficult and 5 is very difficult, tell me... how difficult is it emotionally?</p> <p>[Entered response 0-5]</p> <p>97. No answer</p> <p>98. Don't know</p> <p>99. Refused</p>
q13e17_3	<p>Even if it can be rewarding, helping a family member who is ill or disabled can sometimes be difficult. On a scale from 1 to 5, where 1 is not very difficult and 5 is very difficult, tell me... how difficult is it physically for you?</p> <p>[Entered response 0-5]</p> <p>97. No answer</p> <p>98. Don't know</p> <p>99. Refused</p>
q13e18	<p>In the past year, have you gone to a support group for people who provide care for others?</p> <p>1. Yes</p> <p>2. No</p> <p>97. No answer</p> <p>98. Don't know</p> <p>99. Refused</p>
q13e19	<p>In the past year, have you received help from a home health aide, respite care service, or any other service that helps people take care of their family members?</p> <p>1. Yes</p> <p>2. No</p> <p>97. No answer</p> <p>98. Don't know</p> <p>99. Refused</p>
q13i3	<p>What is your current employment status? Are you...</p> <p>1. Working Full-Time</p> <p>2. Working Part-Time</p> <p>3. On leave from a job or temporarily laid off</p> <p>4. Looking for work</p> <p>5. Unable to work</p> <p>6. Keeping house</p> <p>7. Going to school</p> <p>8. Retired</p> <p>9. Other (Please specify)</p> <p>97. No answer</p>

- 98. Don't know
- 99. Refused

q13i4

What is your spouse's/partner's current employment status? Are they...

- 1. Working Full-Time
- 2. Working Part-Time
- 3. On leave from a job or temporarily laid off
- 4. Looking for work
- 5. Unable to work
- 6. Keeping house
- 7. Going to school
- 8. Retired
- 9. Other (Please specify)
- 97. No answer
- 98. Don't know
- 99. Refused

q13i5

During the past 12 months, in how many months did you work? Your best estimate is fine. Include paid vacation and sick leave as work.

- 0. 0 months / did not work
- 1. Entered number of months
- 97. No answer
- 98. Don't know
- 99. Refused

q13i5x

During the past 12 months, in how many months did you work? Your best estimate is fine. Include paid vacation and sick leave as work.

- [Entered response 0-12]
- 970. No answer

q13i6

During the past 12 months, about how many days did you miss work at a job or business because you or someone you care for was ill or injured? Your best estimate is fine.

- 1. None
- 2. Entered number of days
- 3. Self-employed/not applicable
- 97. No answer
- 98. Don't know
- 99. Refused

q13i6x

During the past 12 months, about how many days did you miss work at a job or business because you or someone you care for was ill or injured? Your best estimate is fine.

[Entered numeric response]

970. No answer

q13i7

Were you paid for the days you missed because of illness or injury?

- 1. Yes, paid for all of them
- 2. Yes, paid for some of them
- 3. No
- 4. Self-employed/not applicable
- 97. No answer
- 98. Don't know
- 99. Refused

q13i8

During the past 12 months, about how many days did you go to work feeling sick because you could not afford to lose pay?

- 1. None
- 2. Entered number of days
- 97. No answer
- 98. Don't know
- 99. Refused

q13i8x

During the past 12 months, about how many days did you go to work feeling sick because you could not afford to lose pay?

[Entered numeric response]
970. No answer

q13i10

Elected officials have raised the minimum wage to \$15 per hour, which is about \$30,000 a year if working full time. Are your current wages at, above, or below this level?

- 1. At \$15 per hour
- 2. Above
- 3. Below
- 4. Not employed
- 5. Self-employed or freelance
- 97. No answer
- 98. Don't know
- 99. Refused

q13h1

Were you personally affected in any way by the government shutdown?

- 1. Yes
- 2. No
- 3. Not sure
- 97. No answer
- 98. Don't know

99. Refused

q13h2_1

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Someone in your household is a federal employee who was furloughed

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_2

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Someone is a federal employee who was asked to work without pay

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_3

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Someone in your household is a federal contractor who did not work or receive pay

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_4

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Someone had a delay in getting a student loan

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_5

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Someone had a delayed flight or long lines in airport security due to the shutdown

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_6

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. You had a gap of more than a month between your February and March SNAP benefits

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_7

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Your landlord raised your rent because government rental assistance was not received

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h2_8

We are going to show a list of ways that some people have been affected by the shutdown. Please select if the shutdown affected you or anyone in your household in any of these ways. Were you or anyone in your household affected by the shutdown in any other way? (PLEASE SPECIFY):

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know

99. Refused

q13h3

Because of the gap between your February and March SNAP benefits, has it been more difficult than usual to cover the cost of food?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h4_1

We have just a few more questions about how the shutdown might have affected you. Because of the shutdown, were any household bills such as rent, utilities, car payment or credit card bills paid late?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h4_2

We have just a few more questions about how the shutdown might have affected you. Did anyone in your household cut back on essential services like health care or child care?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h4_3

We have just a few more questions about how the shutdown might have affected you. Did anyone in your household turn to family or friends for help because of the shutdown?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13h4_4

We have just a few more questions about how the shutdown might have affected you. Did anyone in your household turn to community services like food pantries?

- 1. Yes
- 2. No

- 97. No answer
- 98. Don't know
- 99. Refused

*****NOTE: Below core repeated questions from F and J Modules were only asked of individuals who did not complete this survey late (q9late==2).*****

q13f2

"We worried whether our food would run out before we got money to buy more." During the past 3 months would you say this was true...

- 1. Often
- 2. Sometimes
- 3. Never
- 97. No answer
- 98. Don't know
- 99. Refused

q13f6

In the past 3 months, did you stay at a shelter, in an abandoned building, an automobile, or any other place not meant for regular housing, even for one night?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13f8

In the past 3 months, was your phone, gas, or electricity service ever cut off because there wasn't enough money to pay the bills?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13f9

In the past 3 months, was there a time when you or any member of your household needed to see a doctor, a dentist, or go to the hospital but couldn't go because of the cost?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13f10

In the past 3 months, how often did you run out of money between paychecks or before the end of the month? Would you say that happened...

- 1. Often
- 2. Sometimes
- 3. Never
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_1

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have you moved in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_2

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have you had child in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_3

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have someone moved into your household in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_4

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have someone moved out of your household in the past 3 months?

- 1. Yes

- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_5

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have you started a romantic relationship in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j1_6

Below is a list of things that sometimes happen to people. Please select which of the following, if any, have happened to YOU in the past 3 months. Have you ended a romantic relationship in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_1

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone started a new job in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_2

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone lost a job in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_3

Please select which of the following, if any,

have happened to YOU OR ANYONE in your household in the past 3 months. Has someone started to receive public benefits in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_4

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Have someone's public benefits been cut off in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_5

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone had an unanticipated major expense in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_6

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone had a major increase in income in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_7

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone had a major decrease in income in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_8

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone had an accident, injury or illness that interfered with work or life in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_9

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone been the victim of a crime in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13j2_11

Please select which of the following, if any, have happened to YOU OR ANYONE in your household in the past 3 months. Has someone lost or broke expensive belongings in the past 3 months?

- 1. Yes
- 2. No
- 97. No answer
- 98. Don't know
- 99. Refused

q13weight_p

Person level longitudinal weight

q13weight_pu

Family level longitudinal weight

Appendix A

Overview

This memo details our approach to survey weighting, by which we ensure that the Robin Hood Poverty Tracker sample is representative of New Yorkers age 18 and over. The primary Poverty Tracker is selected from an option survey at the conclusion of the Community Healthy Survey. The CHS is a Random Digit Dial (RDD) phone sample conducted by the survey research organization SRBI. The first panel generated a sample of approximately 3,403 RDD sample members. We included both landline and cell phone numbers in our sample frame. In addition, a second pool of 505 participants were recruited from agencies that provide assistance to low-income individuals. The purpose of this second pool was to oversample those using social service agencies in New York City. Oversample specific populations characteristics (social service agencies in this case) is a statistically and efficient way to increase the sample sizes of populations of interest in surveys.

Survey weights are then used to adjust statistical parameters (estimates) so that inferences made from the data apply to the overall population from which the sample was drawn (in this case, NYC). Data are weighted to a three-year American Community Survey (ACS) dataset provided by the United States Census Bureau.

The weighting approach that we employ, which adjusts for oversampling and for random over- or under-representation, for non-response, and for attrition, is used in all nationally and locally representative studies.

In the remainder of this memo, we provide more technical details on the construction of Poverty Tracker survey weights. The target population is adults (18+) who are New York City residents.

Structure of baseline sample

SRBI

The SRBI phone sample consists of 3,403 New York City residents contacted by random digit dialing (RDD). Of the 3,403 respondents, 1,774 were contacted by cellphone and 1,629 by landline.

Agency

The face-to-face sample includes 505 respondents from 26 agencies.

SRBI cell phone 1,774

SRBI landline 1,629

Agency 505

Total 3,908

Subsequent waves

For subsequent survey waves, we adjust for panel attrition using the stratification response propensity score method. Non-coverage is addressed by post-stratification. For each survey wave we compute individual weights for each respondent as well as family (poverty unit) weights.

Poverty units

The definition of the poverty unit differs from the traditional family in that unmarried partners are included as family members. Poverty unit weights are obtained from the personal weights by dividing by the number of adults in the poverty unit.

Post-stratification

The data used for post-stratification comes from 2014-2016 American Community Survey (ACS) NYC sample. We approximate the population distributions of the post-stratification variables using weighted ACS numbers.¹

For agency sample, one variable, social service use, is not collected by the ACS. While, it is important to post-stratify on this variable because the agency sample oversamples individuals who use these services. We use the SRBI sample to estimate social service use in the population, which we used to post-stratify to.

Baseline weights

Constructing the baseline weights consists of three steps:

1. Weight the SRBI phone sample to match the NYC adult population (see the SRBI weights section).
2. Use the weighted SRBI sample to estimate the population distribution of social service use (see the Agency weights section).
3. Combine the SRBI and agency samples and weight to match social service use and demographics (see the Combined weights section).

SRBI weights

Using the SRBI phone sample only, we adjust for selection bias and nonresponse to match the ACS data:

1. ***Adjustment for the number of adults in the household and family.*** The larger household, the smaller the selection probability is for each individual. However, the larger the family, the larger the response probability from the family. We therefore need to weight up larger households while weighting down larger families. Gelman and Little (1988) recommend square roots for this weighting adjustment because inverse probability weights for household sizes tend to overcorrect in telephone surveys. For each respondent we use the square root of the ratio of the number of adults in the household to the number of adults in the family.

¹ That is, we use the weights provided with the ACS and obtain a weighted frequency for each post-stratification variable.

2. **Adjustment for phone availability.** Respondents with multiple phones in the household are more likely to be selected into the sample, while those who experience interrupted phone service are less likely to be selected. In this stage of the weighting process, we assign respondents in these two categories weights of $\frac{1}{2}$ and 2, respectively.

Because the landline and cellular RDD frames overlap there are cases of dual-service, that is, respondents from the landline sample who also have a cell phone in the household or respondents from the cell phone sample who also have landline service. We use frame integration weights (Lohr, 2009) to combine the landline and cellular components of the sample, with the dual-service respondents from the two frames integrated in proportion to their effective sample sizes. We can make this adjustment by assuming that the dual-service households from each of the two groups are random samples from the population of dual-service households.

To compute the effective sample sizes, we first calculate a design effects for both landline and cellular groups. For the cellular sample we take the weights for the respondents who also have landline and compute the coefficient of variation cv_C . For the landline sample the calculation of cv_L is analogous. We take the design effects to be $1 + cv_C^2$ and $1 + cv_L^2$, respectively. The effective sample sizes (ESS) for the dual-service cases are then computed as the raw sample sizes divided by the design effects.

Finally, the frame integration weights for the dual-service cell phone cases (cell phone respondents who have a landline) are $fiw_C = \frac{ESS_C}{ESS_C + ESS_L}$, which is the ratio of the effective number of dual-service cases among the cell phone respondents to the total effective number of dual-service cases in the landline and cell phone respondents combined. For the dual-service landline respondents, the frame integration weights are computed analogous as $fiw_L = \frac{ESS_L}{ESS_C + ESS_L}$. Single-service cases (in this case landline-only or cellphone-only) are given a frame integration weight of 1.

3. **Adjustment for deviation on SES information from corresponding ACS-NYC 2014-2016 weighted totals.** Before making this adjustment, we obtain individual weights by multiplying the household weights obtained in the previous step by the number of adults in the household.² We then match the marginal distributions of post-stratification factors via raking procedure. Although the joint distribution by cross tabulation is available, we use raking under an independence assumption to control the variability due to small post-stratification cell sizes. The information used for post-stratification includes gender, age, education, immigration status, tenure (own or rent home), race, the number of children in the household, the number of seniors in the household, the number of working aged adults in the household, a poverty gap measure for the household³, and interactions between many of the demographics and the

² For this calculation, the number of adults in the household is capped at 4 due to sparseness at larger values.

³ From the World Bank: Poverty gap is the mean shortfall from the poverty line (counting the non-poor as having zero shortfall), expressed as a percentage of the poverty line. This measure reflects the depth of poverty as well as its incidence.

poverty measure to account for dependencies between these factors. After the raking procedure, we trim the resulting weights at the 97.5% percentile.

Because the weights adjust for the unequal selection, under-coverage and nonresponse, there is no simple formula for estimating the variance. We use the bootstrapping method implemented in the R **survey** package to obtain 50 sets of replicate weights for each set of sampling weights, from which we can obtain variance estimates.

Agency weights

For the Agency sample, we adjust weights by the (self-reported) frequency of agency services usage. To avoid over-representation, the more frequently an individual uses a service, the smaller the assigned weight.

Combined weights

The SRBI and Agency samples are then combined.⁴ Again we correct for differences due to over-sampling from poor households by post-stratifying the household weights to the ACS household information. This is essentially the same adjustment that is made in the SRBI weights (see Step 3 in the SRBI weights section) but here we perform the adjustment on the combined SRBI and Agency samples. We then multiply the household weights by the number of adults in the household to obtain the person (individual) weights. Similarly, to Step 4 in the SRBI weights section, using these person weights we then post-stratify to adjust for deviations of the two samples from the corresponding ACS-NYC 2014 weighted totals. We also again adjust for frequency of social service use by including it as a post-stratification variable.⁵

Subsequent wave weights

Subsequent waves in the Poverty Tracker study have longitudinal weights calculated. These weights use the baseline weights as a basis but make two adjustments. The first adjustment corrects for nonresponse between the baseline and the wave of interest. The second adjustment is a raking adjustment back to the baseline population demographics.

The method for the first adjustment is inverse propensity scoring. This method uses a logistic regression to predict nonresponse given baseline characteristics, including race, education, immigration status, source – how many respondents were originally contacted, use of service frequency, the number of working adults in the household, the number of seniors in the household, spouse or partner in the household, material hardship, severe health disadvantage, OPM income to needs ratio, OPM poverty status, receipt of government housing, and mental health status. From this model, the probability of

⁴ The weights for each sample are also separately normalized to each have a mean of 1.

⁵ There will be unbalanced coverage of agency service visitors because frequent service users will be over-represented in the Agency sample. For the purpose of representing the general population of NYC adults, it is necessary to down-weight individuals in the sample who frequently use social service agencies. In order to post-stratify on frequency of service use, we need a measure of the distribution of social service use in the population. Unfortunately, we do not have any gold standard for the distribution

responding was predicted for each respondent, which we then broken into 20 quantiles to reduce noise. For each quantile, the inverse of the probability of responding is calculated, which we then use to adjust the baseline weights for nonresponse. After that, we do the second adjustment, raking procedure. We then trimmed and created replicate weights with the same technique as described for the baseline.

References

Gelman, A. (2007). Struggles with survey weighting and regression modeling. *Statistical Science* 22(2), 153--164.

Gelman, A. and T. C. Little (1998). Improving on probability weighting for household size. *Public Opinion Quarterly*, 62(3), 398--404.

Lohr, S. (2009). Multiple-frame surveys. In D. Pfeffermann and C. R. Rao (Eds.), *Handbook of Statistics, Vol. 29A: Sample Surveys: Design, Methods and Applications*, Chapter 4. Elsevier/North Holland.

Lumley, T. (2014). Survey: analysis of complex survey samples. *R package*, version 3.30.