NYC **Department of Housing Preservation & Development**

NYCHVS 2020+ Redesign:
Questionnaire Development and Testing

December 2019

Table of Contents

Background on the NYCHVS 2020+ Redesign Process

The NYCHVS has collected key data on the New York City housing stock and its resident population since 1965, with the last major revisions to the questionnaire (and study design) in 1991. Only minor changes to content have been made during the subsequent ten survey cycles, with a few items added, removed, or otherwise altered from one cycle to the next.

At the conclusion of the 2017 NYCHVS, a comprehensive review was conducted to identify opportunities to increase the value of the survey for current and future generations of users. This review was completed by Sponsor staff at the NYC Department of Housing Preservation and Development and incorporated feedback from conversations with more than two dozen organizations, including NYCHVS users at other NYC agencies, non-profits, and academic institutions as well as ongoing conversations with multiple divisions within the United States Census Bureau.

Some of the key findings and recommendations include the following:

- Researchers rely on NYCHVS data to understand the current state of housing and how key aspects of the stock have changed over time; the survey should continue to collect key measures, including rental costs, rent burden, and maintenance deficiencies and facilitate estimates of these measures across different types of housing (e.g., rent stabilized units, market rental units, public housing).
- The NYCHVS is the primary source of comprehensive information on rent controlled and rent stabilized tenants; the survey should continue to focus on this subset of the housing stock and resident population and incorporate additional information where possible to understand how this segment of New York City is changing.
- Previous NYCHVS survey cycles failed to classify affordable housing that was financed as part of various housing plans; this would provide an invaluable source of information on these public investments and fill an important gap in our knowledge base, particularly related to the demographics of current tenants.
- The NYCHVS facilitates comparisons among different subsets of the population, including by race/ethnicity, nativity, age, and household composition; the survey should collect information on a range of protected characteristics to facilitate analysis of issues related to fair housing.
- The NYCHVS is a source of information that has, and should, support decision making in various policy domains beyond housing; to the extent possible, the survey should expand the types of questions it collects to support more coordinated policymaking, including information on household costs, ability to meet critical expenses, and debt/assets.
- The NYCHVS is uniquely positioned to gather information on the mobility of residents, both within and between neighborhoods; to the extent possible, the survey should facilitate analysis of housing search behavior, residential instability, changes in household composition over time, and the push and pull factors that result in residential moves.
- Although the NYCHVS was not designed to produce neighborhood- or small area-estimates, many users rely on the survey data to produce metrics by "Community District" (the smallest geographic identifier in the survey is sub-borough area, a close proxy for CD); to the extent possible, the NYCHVS should facilitate more reliable neighborhood-level estimates and gather key metrics about the neighborhood in which sample units are located.

Based on these recommendations, as well as observation of 2017 field operations and discussion with survey methodologists at the Census Bureau and elsewhere, the NYCHVS Sponsor team identified several key areas of focus for the NYCHVS redesign effort. These included: sample design, field operations, use of administrative records, data processing, and questionnaire content.

This document contains information on the questionnaire development and testing. In the sections that follow, we provide an overview of how content areas were selected, the process for selecting candidate questions, the process used to pretest survey content, and the final recommendations related to question phrasing, answer choices, use of flash cards, scripting, and survey logic.

I.   Identifying New Content Areas

Initial suggestions for new content emerged from conversations with stakeholder groups and long-time users of the NYCHVS. Each suggested topic was assessed based on several criteria, including the value it would provide to the general research community as well as policymakers, whether it was a topic that would retain relevance for years to come, whether the NYCHVS was an appropriate source given its sample design and scope, and whether the topic would contribute to expanded analysis of the housing stock and housing needs of New Yorkers. The NYCHVS Sponsor team also evaluated if there was an existing community of users that would make immediate and impactful use of the new content, if there was an alternate source that already collected data of sufficient quality and precision, and whether information on the topic could be adequately captured through the survey without undue burden to respondents. The NYCHVS Sponsor team was responsible for assessing new content areas and determining which merited further research and consideration.

Seven new content areas met these criteria:
- Housing search
- Residential (in)stability
- Debt and assets
- Financial (in)security
- Household costs used to calculate alternate poverty measure(s)
- Additional protected characteristics, including sexual orientation, gender identity, veteran status, and disability
- Perceptions of neighborhood quality and safety

II.   Expanding Existing Content Areas

Review of the legacy questionnaire revealed opportunities to expand or refine existing content areas. Priority was given to topics that comprise the NYCHVS's key measures on housing costs, rent burden, and housing quality. Emphasis was placed on measures that would better reflect the current state of housing conditions in New York City and/or those that would provide a new foundation for future time series as the City continues to evolve.

Adding questions to other topics was limited to items where there was a clear need to improve accuracy, such as asking a question about each person in the household rather than asking it only of the single respondent or "householder."

Topics that merited expansion included:
- Rental costs and payments
- Owner costs
- Utility costs by season
- Maintenance deficiencies
- Unit and building amenities
- Delay of critical expenses
- Residential history
- Reason for moving to present home
- Household composition
- Nativity

III.   Editing Legacy Questions

Every attempt was made to retain core questions that were fielded in the past; however, review of the legacy questionnaire identified several areas where edits to existing items were deemed either appropriate or necessary.

Expert review identified opportunities to reduce respondent burden by either replacing an item with data from administrative records or rephrasing the question to verify administrative records rather than rely solely on self-report. Items that fell into this category include the type of building (e.g., cooperative or single-family home), number of units in the building, presence of an elevator, and whether the building had converted to condo or coop while the respondent was in residence.

Additional edits were deemed important to improve the validity of data collected or minimize item non-response. Some items were dated such that respondents had difficulty answering the question as intended or were culturally insensitive (e.g., place of birth answers included "Korea" without reference to country names, or "Africa" without any further choice of country or region). In other cases, answer choices intended to be mutually exclusive were not (e.g., exterminator service used "irregularly" or "only when needed"). Some questions were written in such a way that made it impossible to translate consistently into other languages ("Are these [kitchen] facilities for the exclusive use of this household or are they also for use by another household?"). Testing revealed other issues, such as the use of terminology that was difficult for respondents to understand (e.g., "hot and cold piped water" or "six consecutive hours") and questions that were difficult for field representatives to read verbatim due to length. Other legacy items were replicated from surveys that have since updated their own content (e.g., income and employment).

For all of these reasons, some legacy questions and/or answers were flagged for editing. Although the NYCHVS Sponsor team recognizes that even minor changes to question phrasing may produce differences in the data that will result in a possible break in the time series from past survey cycles, the decision was made that the benefits of doing so now during a redesign outweighed the costs to data quality that would result from continuing to field questions into the future.

To assess any differences that result from such edits, the next NYCHVS survey cycle will include a bridge sample where select questions are administered to a small sample of renter households in their original (2017) form. This will enable a comparison of citywide estimates for both new and legacy phrasing to assess the impact on time series analysis.

IV.   Question Development

In some cases, the NYCHVS Sponsor team received specific suggestions for questions from stakeholders or subject matter experts. In other cases, the team reviewed questionnaires from other surveys to identify candidate questions. In all cases, priority was given to validated questions from other Census surveys first (e.g., AHS, ACS, SIPP), followed by other widely used sources such as national surveys (e.g., PSID, Fragile Families, GSS), specialized surveys that are commonly used by the research community (e.g., PHDCN, MARS), or relevant New York City surveys that have been fielded successfully (e.g., CHS, HANS). This same process was used for both new content areas as well as expanded questions within an existing NYCHVS module.

When possible, source questions were used in their original form; however, minor edits were sometimes required to facilitate consistency of translation across target languages. (See below for discussion of the decision to implement numeric scales in place of categorical Likert-type answer choices.)

For content where either no existing question(s) could be found or where the existing body of survey questions did not provide a viable option, new questions were drafted by the NYCHVS Sponsor team and refined through a combination of expert review and testing.

V.   Pretest Methodology

In 2019, the Sponsor team at HPD conducted successive rounds of pretesting for the revised NYCHVS questionnaire that would be used in 2020+. Two types of testing were conducted: intercept surveys and field tests. These pretest activities were designed to complement review done by subject matter experts at HPD, including the survey translation team, focus groups conducted with hard to reach populations, and cognitive interviewing done by the Center for Behavioral Science Methods (CBSM) at the Census.

Information from the pretests was used to refine question wording, answer choices, and scripting as well as the sequencing of survey items within a given module. Often, the same module was tested multiple times as questions were rephrased or reordered. Tests often utilized a split-panel in which two (or more) variations were tested at the same time to determine which worked better. Pretesting was also used to determine if any item did not perform sufficiently to be included in the final questionnaire. New questions that were tested but ultimately excluded from the final instrument are not discussed in this working paper.

Each test included a subset of survey items that were administered in a face-to-face setting along with scripted probes that asked participants to provide qualitative information on their answers or secondary information that was used to assess the quality of answers provided. Some probes were asked concurrently, that is, after respondents answer specific questions; others were asked retrospectively, that is, at the end of the questionnaire section. Interviewers were able to ask probing questions at their discretion, based on respondent responses and behaviors, to develop a more comprehensive understanding of potential problems with questions or answers. Probes borrowed from cognitive interviewing techniques and were developed to assess potential problems with respondent comprehension, information retrieval/recall, judgment/estimation, and response selection/decision making.

Information captured included participant answers to the tested questions, qualitative notes from the interviewer during the test, and detailed summary of findings and recommendations gathered after the conclusion of testing from the interviewers, including debriefs conducted with the interview team and senior staff from the NYCHVS. Basic demographic data were collected to gather information on the breadth of participants reached. Tests were conducted in-person by experienced field staff who have conducted fieldwork in New York City and overseen by Sponsor staff who have experience in survey methodology and field operations.

All tests were conducted anonymously, such that no personally identifiable information was collected from any participant.

A. Intercept Surveys

A total of 325 intercept surveys were conducted across six sets of intercept surveys, including one or more days of testing on each of the following topics:

- Neighborhood safety, disorder, and amenities
- Quality of kitchen and bathroom facilities
- Sexual orientation and gender identity (SO/GI)
- Preferred pronoun usage
- Answer scales (Likert-type versus numeric)
- Income and employment

For each intercept survey, two or more trained interviewers (R&E staff) were sent to a specified public location with printed forms and clipboards where they approached individuals in a public space and recruited them to participate. Though they worked in close physical proximity to one another, each interviewer recruited and interviewed respondents separately. R&E staff approached a non-random sampling of passers-by; potential participants were asked to give ten minutes of their time to help improve our survey. A recruitment pamphlet was provided that summarized the NYCHVS, the activity they were being asked to participate in, and how the information would be used. It also stated that the data would remain anonymous.

Intercept surveys were conducted in order to collect a meaningful number of responses in a relatively short time period with minimal resources. Replication of the same small number of survey items many times in quick succession gave interviewers the chance to gain expertise in administering the questions, develop an intuitive sense for what did or did not work, and generate recommendations quickly. The larger number of completed surveys over a short time period also facilitated a split panel approach whereby two or more versions of questions could be tested simultaneously. Intercept surveys were conducted in English and Spanish.

B. Field Tests

A total of 150 short-form interviews were completed at subjects' homes using a Computer-Assisted Personal Interview; this approach was intended to mimic how the NYCHVS is fielded by the Census Bureau but with only a limited battery of questions.

Field test modules included:

- Building and unit characteristics
- Housing quality

- Public benefits
- Rental costs
- Household roster
- Income and employment
- Demographics

Individual modules were programmed, tested, and loaded onto a tablet to be used by R&E staff. Additional questions from other modules, such as the household roster, were incorporated to the extent they were needed for survey logic. Field test locations were chosen to survey housing types that are representative of the buildings that will be included in the 2020+ NYCHVS, including Mitchell-Lama, Public Housing (New York City Housing Authority/NYCHA), Rent Stabilized buildings, and Cooperatives.

Field interviewers worked in pairs, knocking on doors of units in selected buildings. If a person below age 18 came to the door, R&E staff asked to speak with an adult. Potential respondents were asked to give ten minutes of their time to help improve the survey. If they agreed, interviews were conducted on the spot at respondents' homes. A recruitment pamphlet was provided that summarized the NYCHVS, the activity they were being asked to participate in, and how the information would be used. It also stated that the data would remain anonymous.

Field tests were used to assess the flow of an entire module and verify appropriate survey logic. Feedback from these tests included how well the module could be administered in CAPI format, whether more or less scripting should be included, and whether additional "as needed" information should be provided to field representatives, such as optional definitions for concepts or guidance for administering individual items. R&E staff also provided suggestions for field representative training where appropriate.

C. Additional Testing and Review

Pretesting complemented other forms of testing and review, including expert review by subject matter experts at HPD and elsewhere; full-length test interviews to assess content, survey logic, and timing; focus groups with hard to reach populations; and two rounds of cognitive interviewing conducted in New York City by the Census Bureau's Center for Behavioral Science Methods (CBSM). All questionnaire content also underwent an advance translation process whereby translators reviewed English content and made recommendations on edits that would improve the quality and consistency of translations. Reports on the cognitive interviewing and advance translation process used in the NYCHVS are available separately.

The final questionnaire content presented here relies on the combination of all these sources of pretesting and review, with specific sources and recommendations noted where appropriate.

VI.   Universal Recommendations

Pretesting resulted in several across-the-board recommendations that impacted multiple questions, including both legacy and new items.

A. The term "household"

Pretesting revealed substantial variation in the living situations of participants as well as the terminology used to describe individuals who shared a home. Many legacy items refer to "household" to describe all individuals who live in the sampled unit, yet many of the participants did not understand this concept. This was particularly true for roommate situations and where two or more sub-families resided in the same unit. People living alone often did not understand that the term "household" referred to only them. This conceptual confusion is exacerbated when translating into multiple languages where "household" does not have a direct translation (e.g., Spanish) or when the term does not have the same meaning in another culture (e.g., Bengali).

➔ All questions that referenced "household" will be updated to have a fill based on household size. If there is only one occupant, "household" will be replaced with "you;" if there are two or more occupants, "household" will be replaced with "you and the people who live with you" or equivalent phrasing depending on context.

B. Locational specificity

Many legacy questions refer to "*this* apartment or house;" however, not every NYCHVS interview takes place in the respondent's home. Field tests underscored participants' sensitivity for privacy and field interviewers noted that even when an interview is conducted at sampled building, participants may feel more comfortable completing the survey at a different location, such as a community room. In 2017, many NYCHVS interviews were completed on the phone, or had a follow-up component that was administered by telephone; this possibility should be maintained for future survey cycles to ensure flexibility in field operations.

➔ Where applicable, all questions should be rephrased from "this" to "your" apartment or house, with apartment or house being filled based on survey logic for the type of residence.

C. Reference periods

Many items include a reference period, but pretesting revealed inconsistencies in phrasing across questions (e.g., "three months" or "90 days") as well as shifting reference periods within a given module that added cognitive load. For example, the legacy maintenance deficiency questions reference "this winter," "last 90 days," "last month," and "last 12 months" within the span of twelve questions. Moreover, "this winter" is the reference period for heating breakdowns used for interviews completed in January as well as May. In other instances, the reference period is only implied ("what is the monthly rent [this month]").

➔ To preserve the time series where possible, reference periods should remain the same but should utilize consistent phrasing. Based on pretesting, preference should be given to "last year" rather than "last 12 months" and "three months" rather than "90 days."

➔ When multiple reference periods are used in a given module, the ordering of questions should be adjusted so as to go from longest to shortest time period, or vice versa, rather than asking about longer, then shorter, then longer timeframes.

Pretesting showed that some new items are highly variable over time, such as rental payments and amount charged by the landlord.

➔ To improve accuracy, reference periods should be added to support respondent understanding of the question where appropriate.

D. Scaled Answer Choices

Several new items identified for possible inclusion used standard Likert-type scales as answer choices (e.g., strongly agree, agree, disagree, strongly disagree); however, there are known challenges to translating such scales into multiple languages. These include 1) difficulties in translating words and concepts that are unique to a specific language; 2) developing equivalent intensity modifiers; and 3) ensuring idiomatic quality. Furthermore, researchers may need to modify the translation of response scales to account for known measurement error within the culture, such as bias introduced by certain response styles. Translations also may shift from unipolar (e.g., from "not at all agree" to "strongly" agree") and bipolar response scales (e.g., from "strongly disagree" to "strongly agree"), which may lead to differential response distributions across languages.

One alternative is numeric scales, whereby respondents are asked to rate their answer on a scale from x to y, with labels provided for end points and (optionally) a mid-point. Although cultures differ in their degree of numeracy, which numbers are perceived as lucky or unlucky, and familiarity with different rating scales (e.g., 1-5, 1-6, 1-10, etc.), discussions with the NYCHVS translation team and pretesting concluded that this was the best approach available. Pretesting of difference numeric scales determined that the most widely accepted approach would be a 1-10 scale, with multiple labels for those that preferred qualitative scalars.

➔ All scaled answers will be converted to 1-10 scales, with as many label options as possible presented in visual (flash card) form.

For example, a 5-point Likert-type scale of strongly agree to strongly disagree would be converted as follows:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Strongly Disagree   >   Neither Agree/Disagree   >   Strongly Disagree

VII.   Secondary Respondents

When respondents are unable to provide information about certain household costs or individuals, the NYCHVS Field Representative will encouraged to obtain contact information for a second respondent in the household and gather additional information at a later time. This may be at either the end of the initial interview or later by telephone.

72 items were identified for inclusion in a potential follow-up interview based on two criteria: (1) critical to the data collection mission of the NYCHVS and (2) sufficiently likely that a respondent would be unable or unwilling to provide accurate information, either about a co-resident household member or about the housing unit of household's finances overall. 27 of these items ask about other household members, and the other 45 items are about the household or unit overall.

FRs will attempt to obtain contact information (a name and phone number) for the second respondents after the interview with the primary respondent concludes. The FR may request contact information for up to three additional adult potential respondents that live in the household but will only conduct one additional follow-up interview with one additional adult. To avoid overburdening any sampled households, there will be no third or fourth respondents.

There are four sections of the survey that, rather than burdening a respondent by requiring them to say "I don't know" repeatedly, automatically skip to the end of the section if the primary respondent is unable to answer.

1. Renter Costs
2. Owner Costs
3. Employment
4. Income

For questions in the Renter Costs and Owner Costs sections of the survey, the rest of the sections are skipped a respondent says, "I don't know" (DK) to two questions in that section. If two DK responses are given then the remainder of the section will be automatically skipped in the CAPI. For questions in the Employment and Income sections the threshold is more stringent and only one DK response is needed to exit those sections of the CAPI. For the Employment and Income sections, these skips are for each person, rather than for the whole section. The second interview will take place over the phone and will pick up where the first interview left off. The second respondent will be asked any of the 72 items that were skipped or to which the first respondent said, "I don't know."

Questionnaire Guide

This next section provides information on each question included in the NYCHVS 2020+ questionnaire. It provides background information on the source of the question, edits to the original phrasing, correspondence to legacy items (where appropriate), and survey logic. Each variable is grouped substantively by topic and is presented sequentially from first item to last in the NYCHVS 2020+ questionnaire.

Each question also offers a 'Don't Know' and 'Refused' option, which are not shown here. In some cases, universe / survey logic references these values, which are marked as DK and R, respectively.

Front

Sampled Unit Inputs	Item	Variable name	Data file
Stories in building	FR1	STORIES_FRONT	Occupied
Floor of unit	FR2	UNIT_FLOOR	Occupied
Units in Building (FR)	FR3	UNITS_FRONT	Occupied
Accessibility to elevator	FR4	ELEV_NO_STEPS	Occupied
Accessibility to unit	FR5	UNIT_NO_STEPS	Occupied

How many stories are in this building?　　　　　Enter number of stories _____

What floor is the unit on?　　　　　　　　　　Enter Floor _____

How many units are in the building?　　　　　　Enter number of units _____

Is it possible to go from the sidewalk to a passenger elevator without going up or down any steps or stairs?
1. Yes
2. No

Is it possible to go from the sidewalk to this unit without going up or down any steps or stairs?
1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

UNITS_FRONT	Interviewer Note: Administrative records show that there are [MAF unit count] units in this building. If that seems right, you can answer with that number, otherwise please enter the correct number.

Administration (Universe Description)

STORIES_FRONT	Asked of every sampled unit.
UNIT_FLOOR	Asked of every sampled unit.
UNITS_FRONT	Asked of every sampled unit.
ELEV_NO_STEPS	Asked of every sampled unit.
UNIT_NO_STEPS	Asked of every sampled unit.

Source(s)	N/A

NYCHVS History	N/A

Rationale

Information from the Front of the interview is gathered from the Field Representative prior to the start of an interview. These data are used for survey logic and fills.

Recode Usage

N/A

Interview Details	Item	Variable name	Data file
Interview Date	FR6	INT_DATE	
Interview Time	FR7	INT_TIME	
Interview Type	FR8	OCC_VAC	
Respondent (Occupied)	FR9	RESP_NUM	
Respondent (Vacant)	FR10	VAC_RESP	
Low Vision Interview	FR13	LOW_VISION	
Proxy Interview	FR14	INT_PROXY	
Phone Interview	FR15	INT_PHONE	

What is the date?　　　　　　　　　　　　　　　Enter Date in MMDDYYYY

_____

What time is the interview taking place?　　　　Enter Time in Time format: HH:MM [AM/PM]

_____

Is this an occupied or vacant interview?
1. Occupied
2. Vacant

is this the first or second respondent?
1. First respondent
2. Second respondent

Who provided the information for this vacant unit?
1. Superintendent
2. Rental office/agent

Check all that apply.
3. Real estate agent/broker
4. Owner
5. Other – Specify

Is this a low vision interview?
1. Yes
2. No

Is this a proxy interview?
1. Yes
2. No

Is this interview being conducted over the phone?
1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

INT_DATE	Asked of every sampled unit that completes an interview.
INT_TIME	Asked of every sampled unit that completes an interview (INT_DATE<>Missing).
OCC_VAC	Asked of every sampled unit that completes an interview.
RESP_NUM	Asked of every sampled unit that completes an occupied interview (OCC_VAC=1).
VAC_RESP	Asked of every sampled unit that completes a vacant interview (OCC_VAC=2).
LOW_VISION	Asked of every sampled unit that completes an occupied interview (OCC_VAC=1).
INT_PROXY	Asked of every sampled unit that completes an occupied interview (OCC_VAC=1).
INT_PHONE	Asked of every sampled unit that completes an interview (OCC_VAC=1 or 2).

Source(s)	N/A

NYCHVS History	N/A

Rationale

Information from the Front of the interview is gathered from the Field Representative prior to the start of an interview. These data are used for survey logic and fills.

Recode Usage

N/A

Unit Characteristics			
Unit Characteristics	Item	Variable name	Data file
Sampled unit type	I9	UNITREF	Occupied

Should I refer to the place you live as an apartment or a house for the rest of this interview?   Enter number _____

Scripting

Before UNITREF:
I'm going to begin by asking some basic questions about where you live.

Interviewer Notes and Optional Text

UNITREF   Interviewer Note: If respondent requests the term "house," but seems to live in a building with other units, clarify with the respondent that questions will only refer to their unit.

Administration (Universe Description)

UNITREF   Asked of every occupied unit. This item is used to fill [apartment/house] throughout rest of interview.

Source(s)   N/A

NYCHVS History   N/A

Rationale

Subject matter experts recommended asking, rather than assuming, whether the sampled unit should be referred to as an apartment or house. While it is anticipated that most units in buildings with two or more units will be referred to as "apartment," respondents in conventional 1-4 family homes, particularly owner-occupied units, may think of their units as a "house." To avoid cognitive dissonance or require Field Representatives to adapt questions on-the-fly, this item asks the explicit preference of the respondent.

Recode Usage

N/A

Size of Unit	Item	Variable name	Data file
Number of bedrooms	I14	BEDROOMS	Occupied
Number of rooms	I13	ROOMS	Occupied

How many bedrooms are in your [apartment/ house]?   Enter number _____

How many rooms are in your [apartment/ house]?   Enter number _____
Count each separate room. For example, living
rooms, kitchens, bedrooms, and dining rooms.

Scripting

N/A

Interviewer Notes and Optional Text

BEDROOMS   If the apartment is a studio, record bedrooms as None

ROOMS   Do not include bathrooms, hallways, or walk-in closets.

Administration (Universe Description)

BEDROOMS   These questions are administered to all respondents in occupied units
ROOMS   (a variant is administered to vacant units).

Source(s)   American Housing Survey (AHS) 2017

^thinking_how many bedrooms are there   Enter number _____
^in_that_your ^HTYPEFILL?

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

How many rooms are in this apartment (house)?   1. One (skip next question)
Do not count bathrooms, porches, balconies, halls,   2. Two
foyers, or half-rooms.   3. Three
4. Four
5. Five
6. Six
7. Seven
8. Eight or more

Of these rooms [in your apartment/house], how many are bedrooms?	1. None
	2. One
	3. Two
	4. Three
	5. Four
	6. Five
	7. Six
	8. Seven
	9. Eight or more

Rationale

The legacy form of these questions asked first how many rooms were in the apartment/house and of these, how many were bedrooms. Pretesting showed that respondents often gave the number of bedrooms as their answer to how many rooms were in the home, correcting their answer when the second question on bedroom count was asked. By reversing the order, it is clearer what is intended when we ask for room count.

The phrasing was altered to facilitate interviews that are completed outside of the sampled unit, replacing "this" with "your." This has been done in multiple items throughout the NYCHVS 2020+ questionnaire.

Expert review revealed the need for a clear and consistent definition of "room." Additional text instructs the respondent to "count each separate room." Field representatives will be trained and have access to the technical definition of room, which is loosely based on the definition used by New York State Homes and Community Renewal (NYSHCR):[1]

> *A room is an enclosed area bounded by ceiling-to-floor walls on all sides, one or more of which may contain a door or an open archway. Bathrooms, walk-in closets, and hallways do not count as rooms.*

Translation experts identified cultural differences in what was typically considered a "room" (e.g., kitchens may not be counted as a room without explicit instruction to do so). Testing revealed that it may be difficult for respondents to respond to a negative instruction (i.e., "do not count") as opposed to positive instruction of what they should do. For these reasons, the text was changed from "Do not count bathrooms, porches, balconies, halls, foyers, or half-rooms" to "count each separate room. For example, living rooms, kitchens, bedrooms, and dining rooms."

Recode Usage

Room count is used in calculating the number of persons per room.

---

[1] https://hcr.ny.gov/system/files/documents/2018/12/orap-93-2.pdf

Plumbing Facilities	Item	Variable name	Data file
Number of full bathrooms	C1	FULLBATH_NUM	Occupied
Number of half bathrooms	C2	HALFBATH_NUM	Occupied
Unit shares a bathroom	C2.1	SHAREDBATH	Occupied
Unit has complete plumbing	C2.2	COMPLETEBATH	Occupied

How many full bathrooms are in your [apartment/ house]?

Enter number of full bathrooms

_____

How many half bathrooms are in your [apartment/ house]?

Enter number of half-bathrooms

_____

Do you share a bathroom with other [apartments] in your building?

1. Yes
2. No

In your [apartment/house], do you have a sink, a toilet, and a bathtub or shower?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

FULLBATH_NUM	IF NEEDED: A full bathroom has a sink with running water, a toilet, and a bathtub or shower.
HALFBATH_NUM	IF NEEDED: A half-bathroom has a toilet and sink, but no bathtub or shower.

Administration (Universe Description)

FULLBATH_NUM HALFBATH_NUM	These items are administered to all respondents in occupied units (a variant is administered to vacant units);
SHAREDBATH	This item is only administered if there are no full bathrooms

(FULLBATH_NUM=0) and no half bathrooms (HALFBATH_NUM=0) in the sampled unit

COMPLETEBATH	This item is only administered if there are no shared bathroom (SHAREDBATH=2).

Source(s)	American Housing Survey (AHS) 2017

A full bathroom is one that has a sink with running water, a toilet, and either a bathtub or shower. How many full bathrooms are there ^in_that_your home? [Include bathrooms in finished attics or finished basements.]

Enter number _____

A half-bathroom is one that has either a toilet or a bathtub or a shower. How many half bathrooms are there ^in_that_your home ? [Include bathrooms in finished attics or finished basements.]

Enter number _____

NYCHVS History	Replaces legacy items (see below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Does this apartment (house) have complete plumbing facilities; that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

1. Yes, has complete plumbing facilities
2. No, has some but not all facilities in this apartment (house)
3. No plumbing facilities in this apartment (house)

Are these [plumbing] facilities for the exclusive use of this household or are they also for use by another household?

1. For the exclusive use of this household
2. Also for use by another household

Rationale

Expert review of the legacy form of these questions (complete facilities and exclusive use) identified dated language (i.e., hot and cold piped water, flush toilet) that adds bulk and possible confusion for respondents who may not know what is meant by these terms. The NYCHVS translation team also flagged these questions as difficult to translate verbatim. There were also concerns that respondents in complex living situations may confuse "another household" with other occupants they do not consider to be part of their own household unit (e.g., doubled-up families in a sampled unit may identify some occupants as a different household) or vice versa (family members who occupy another unit that the respondent considers part of the same household). Based on recommendations, these questions were substantially revised to collect equivalent information from this set of more direct questions, including appropriate skips where follow-up is unnecessary.

Edits to the legacy questions presented an opportunity to expand the data collected in the NYCHVS to include the count of bathrooms of different types while limiting the revised shared/complete facilities items to a smaller subset of respondents. The item COMPLETEBATH (In your [apartment/house], do you have a sink, a toilet, and a bathtub or shower?) is only administered to those that reported no full or half baths and no shared bathroom; this question is targeted to tenement units that have a bathroom with only a toilet but other plumbing facilities elsewhere in the unit (e.g., a sink and bathtub in the kitchen).

The AHS definition of half-bath was updated to reflect industry definitions such that a room with only a shower or tub is not considered a half-bath.

Recode Usage

The combination of these four items is used to determine if a sampled unit has complete plumbing facilities that are for the exclusive use of the household to align conceptually with the legacy items.

Appliances	Item	Variable name	Data file
Has refrigerator	C16.1	APP_FRIDGE	Occupied
Has stove, oven, cooktop	C16.1	APP_STOVE	Occupied
Has dishwasher	C16.1	APP_DISHWASH	Occupied
Has washing machine	C16.1	APP_WASHMACH	Occupied
Has dryer	C16.1	APP_DRYER	Occupied
Refrigerator was new	C16.2	NEW_FRIDGE	Occupied
Stove, oven, cooktop was new	C16.2	NEW_STOVE	Occupied
Dishwasher was new	C16.2	NEW_DISHWASH	Occupied
Washing machine was new	C16.2	NEW_WASHMACH	Occupied
Dryer was new	C16.2	NEW_DRYER	Occupied
Refrigerator was replaced	C16.3	REP_FRIDGE	Occupied
Stove, oven, cooktop was replaced	C16.3	REP_STOVE	Occupied
Dishwasher was replaced	C16.3	REP_DISHWASH	Occupied
Washing machine was replaced	C16.3	REP_WASHMACH	Occupied
Dryer was replaced	C16.3	REP_DRYER	Occupied
Refrigerator isn't working	C16.83	BROK_APP	Occupied
Stove, oven, cooktop isn't working	C16.8	BROK_FRIDGE	Occupied
Dishwasher isn't working	C16.83	BROK_STOVE	Occupied
Washing machine isn't working	C16.83	BROK_DISHWASH	Occupied
Dryer isn't working	C16.83	BROK_WASHMACH	Occupied
Refrigerator isn't working	C16.83	BROK_DRYER	Occupied
Unit shares a kitchen	C16.81	SHAREDKITCH	Occupied
Unit has running water	C16.82	SINK	Occupied

In your [apartment/ house] do you have a… refrigerator?	1. Yes 2. No	
A stove/oven/cooktop?	1. Yes 2. No	

A dishwasher?	1. Yes 2. No
A washing machine?	1. Yes 2. No
A dryer?	1. Yes 2. No
Was your [appliance] new when you moved in?	1. Yes 2. No 3. Appliance was not there at move-in
Has your [appliance] been replaced since you moved in?	1. Yes 2. No
[Is this appliance/Are all of those appliances] working now?	1. Yes 2. No
Which appliances are not working?	1. Refrigerator 2. Stove/Oven/Cooktop 3. Dishwasher 4. Washing machine 5. Dryer
Do you share a kitchen with other apartments in your building?	1. Yes 2. No
In your [apartment/house], do you have a sink with hot and cold running water?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

APP_STOVE APP_DISHWASH APP_WASHMACH APP_DRYER	IF NEEDED: In your [apartment/ house] do you have …
APP_STOVE	If respondent only has a hot plate or microwave, mark no for Stove/Oven/Cooktop.
APP_WASHMACH APP_DRYER	If respondent has a washing machine/dryer combination, enter yes for both washing machine and dryer.

NEW_* REP_* BROK_*	If respondent has more than one of a given appliance, pick the main appliance.
BROK_APP	Interviewer Note: Prompt appliances if necessary. If any part of Stove/Oven/Cooktop is not working, mark as not working. If washing machine/dryer combination is not working, mark both washing machine and dryer as not working

Administration (Universe Description)

APP_*	These items are administered to all respondents in occupied units (a variant is administered to vacant units).
NEW_*	This item is looped through each appliance (refrigerator, stove/oven/cooktop, dishwasher, washing machine, dryer) (APP_[Appliance]=1).
REP_*	This item is looped through each appliance (refrigerator, stove/oven/cooktop, dishwasher, washing machine, dryer) (APP_[Appliance]=1).
BROK_APP	This item is looped through each appliance (refrigerator, stove/oven/cooktop, dishwasher, washing machine, dryer) (APP_[Appliance]=1).
BROK_*	This item is administered to respondents who reported one or more appliance not working (BROK_APP=1) with filled answer choices based on the APP_*.
SHAREDKITCH	This item is administered if the sampled unit does not have a refrigerator (APP_FRIDGE=0) or stove (APP_STOVE=0).
SINK	This item is administered if the sampled unit does not have a full bathroom (FULLBATH_NUM=0) or half bathroom (HALFBATH_NUM=0) and if the sampled unit does not have a complete bath (COMPLETEBATH=2).

Source(s)	N/A

NYCHVS History	Replaces legacy items (see below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Does this apartment (house) have complete kitchen facilities? Complete kitchen facilities include a sink with piped water, a range or cookstove, and a refrigerator.	1. Yes has complete kitchen facilities 2. No, has some but not all facilities in this apartment (house) 3. No kitchen facilities in this apartment (house), but facilities available in

	building
	4. No kitchen facilities in this building
Are these [kitchen] facilities for the exclusive use of this household or are they also for use by another household?	1. For the exclusive use of this household 2. Also for use by another household

Rationale

The same issued were identified as in the legacy items for complete plumbing facilities /exclusive use.

Edits to the legacy questions presented an opportunity to expand the data collected in the NYCHVS to include the presence of non-essential appliances (i.e., dishwasher and laundry) as well as relative age of appliances and if they are in working order. Stakeholders expressed interest in expanding the data on housing quality collected as part of the NYCHVS to include amenities and improvements as well as maintenance deficiencies.

Recode Usage

These items are used in combination to determine complete kitchen facilities for the exclusive use of the household (a definition used by HUD to determine habitability).

Housing Quality	Item	Variable name	Data file
Kitchen cabinets were new	C16.91	NEW_CABINETS	Occupied
Kitchen countertops were new	C16.92	NEW_COUNTER	Occupied

Were your kitchen cabinets new when you moved in?	1. Yes 2. No
Were your kitchen countertops new when you moved in?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

NEW_CABINETS
NEW_COUNTER   These items are administered if the sampled unit has a refrigerator
(APP_FRIDGE=1) and a stove/oven/cooktop (APP_STOVE=1).

Source(s)   N/A

NYCHVS History   N/A

Rationale

Stakeholders expressed interest in expanding the data on housing quality collected as part of the NYCHVS to include amenities and improvements as well as maintenance deficiencies. These items may be used on their own or in conjunction with APP_* and NEW_* (see above), which identify presence of essential and non-essential appliances, whether they were new when the respondent moved in, whether they have been since replaced, and whether they are currently in working order.

Recode Usage

N/A

Unit Characteristics	Item	Variable name	Data file
Unit count confirmation (R)	I5.5	UNIT_CORRECT	Occupied
Unit count correction (R)	I5.6	UNIT_COUNT	Occupied
Elevator in building (R)	I6	ELEVATOR	Occupied
Unit is in condo or coop	I11	CONDOCOOP	Occupied

My records indicate there are [fill number of units from UNITS_FRONT] apartments in your building. Is that correct?

1. Yes
2. No

How many apartments are in the building?

Enter number of apartments_____

Is there an elevator in your building?

1. Yes
2. No

Is your [apartment/house] a condo or part of a co-op?

1. Yes, a condo
2. Yes, part of a co-op
3. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administrative Records

Source	Variable	Description
RPAD	BCLASS	Building Class
RPAD	CONDON	Condominium Number
RPAD	COOPN	Cooperative Number
RPAD	TCLASS	Tax Class
RPAD	UNITSR	Residential Units
Building Table	LEGL_CLAS_A_APTS	Number of Permanent Units
Building Table	LEGL_CLAS_B_APTS	Number of Temporary Units
Building Table	DUS	Number of Permanent and Temporary Units

Administration (Universe Description)

UNIT_CORRECT   This item is administered to all respondents in occupied units.

UNIT_COUNT   This item is administered if the respondent does not agree with the number of residential units identified by the Field Representative (UNIT_CORRECT=2).

ELEVATOR   This item is administered if administrative records on presence of an elevator are not available and if the sampled unit is in a building with more than one unit and more than one story (UNITS_FINAL > 1 and STORIES > 1 and MATCH <> 1).

CONDOCOOP   This item is administered if administrative records on the building class are not available (MATCH<>1).

Source(s)	NYCHVS

NYCHVS History	Edits to legacy items (below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is this apartment (house) part of a condominium or cooperative building or development?
1. No
2. Yes, a condominium
3. Yes, a cooperative

How many units are in this building?
1 unit without business
1 unit with business
2 units without business
2 units with business
3 units
4 units
5 units
6 to 9 units
10 to 12 units
13 to 19 units
20 to 49 units
50 to 99 units
100 to 199 units
200 or more units

Is there a passenger elevator in this building?
1. Yes
2. No

Rationale

Administrative records were incorporated into this section to reduce respondent and streamline the interview. Records are used to ask a respondent to confirm the number of units in the

building, which pretesting and expert review found easier than providing a unit count. Records are used where possible to determine unit tenure, i.e., whether a unit is part of a condominium or a cooperative, and the legacy question has been edited to be more easily understood.

Administrative records are used to determine whether there is an elevator in the building. Only if records are unavailable are respondents asked if there is an elevator. Expert review and pretesting revealed that the phrase "passenger elevator" in the legacy NYCHVS was confusing and was replaced simply with "elevator."

Recode Usage

Various sources of information will be used to classify the size of building (number of residential units) as well as presence of one or more passenger elevator.

Tenure (Occupants)	Item	Variable name	Data file
Occupants own coop	I7	OWN_COOP	Occupied
Occupants own condo	I8	OWN_CONDO	Occupied
Occupants own unit	I10	OWN	Occupied

Do you or anyone you live with own shares in the co-op?	1. Yes 2. No, I rent this unit
Do you or anyone you live with own the condo?	1. Yes 2. No, I rent this unit
Do you or anyone you live with own the [apartment/house]?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

OWN_COOP   My records show that your [apartment/house] is a co-op.

OWN_CONDO   My records show that your [apartment/house] is a condo.

Administrative Records

Source	Variable	Description
RPAD	bclass	Building Class
RPAD	condon	Condominium Number
RPAD	coopn	Cooperative Number
RPAD	tclass	Tax Class

Administration (Universe Description)

OWN_COOP   This item is asked if administrative records indicate the sampled unit is in a cooperative or if the respondent reported that the unit is in a co-op (COOP=1).

OWN_CONDO   This item is asked if administrative records indicate the sampled unit is in a condominium or if the respondent reported that the unit is in a condo (CONDO=1).

OWN	This item is administered if the respondent reported that the unit is not a condo or part of a cooperative (OWNER=1).

Source(s)	N/A

NYCHVS History	Edits to legacy items (see below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is this apartment (house) part of a condominium or cooperative building or development?	1. No 2. Yes, a condominium 3. Yes, a cooperative
Is this apartment (house) owned or being bought by … (reference person) or someone else in this household?	1. Yes 2. No

Rationale

Administrative records were incorporated into this section to reduce respondent and streamline the interview. Records are used where possible to determine unit tenure, i.e., whether a unit is part of a condominium or a cooperative, and the legacy question has been edited to be more easily understood. Three separate questions for condos, coops, and other units respectively are used to determine tenant tenure, i.e., whether the resident(s) own(s) the unit to tailor simpler questions to the respondent using administrative records whenever possible.

Recode Usage

Various sources of information will be used to recode the sampled unit's type (owner or renter of various kinds) as well as the current occupants (renter or owner).

Acquisition of Unit	Item	Variable name	Data file
Occupants inherited unit	I15	INHERIT	Occupied
Occupants rented at conversion	I15.1	CONVRENT	Occupied
Occupants were successor to lease	I16	SUCCESSOR	Occupied

Did you or the owner receive the [apartment/house] as a gift or inheritance, or was it purchased?	1. Gift or inheritance 2. Purchased
Did you or anyone you live with rent the [apartment/house] at the time the building became a condo or co-op?	1. Yes 2. No
Were you or anyone else you live with a successor to someone else's lease?	1. Yes 2. No

Scripting	
N/A	

Interviewer Notes and Optional Text

INHERIT — Interviewer note: If respondent both purchased and inherited the apartment/house, mark "Gift or Inheritance"

SUCCESSOR — IF NEEDED: In some cases, a tenant can inherit the apartment from a family member who either died or permanently left the apartment. In general, one may become the tenant of record (the successor) if they lived there for at least 2 years.

Administration (Universe Description)

INHERIT — This item is asked of all owners in occupied units (OWNER=1).

CONV_RENT — This item is asked if the sampled unit is rented and is part of a condo or coop (RENTER = 1 and (COOP = 1 or CONDO = 1).

SUCCESSOR — This item is asked of all renters in occupied units.

Source(s) — American Housing Survey (AHS)

Did ^you_OWNER receive the home as a gift or inheritance or did ^you_OWNER2 purchase it?

1. Gift or inheritance
2. Purchased, bought or built

NYCHVS History	Edits to legacy items (below)
	1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Did . . . (reference person) live here and pay cash rent at the time this building became a condominium or cooperative?

1. Yes
2. No

Rationale

Stakeholders requested that the NYCHVS collect information related to housing wealth and facilitate analysis of intergenerational mobility. The NYCHVS replicates the AHS question on whether the current owners inherited the home. A question was added to understand the prevalence of lease successorship in rent stabilized apartments as a parallel in transfer of housing from one generation or family member to another.

Occupancy at time of conversion to condo or coop is an important element in classifying the status of the unit as rent controlled or rent stabilized. This information will be used to validate logical edits from other self-reported data and administrative records.

Recode Usage

This information is used in part to determine the status of the unit, including whether it is subject to rent stabilization or rent control.

Building Owner	Item	Variable name	Data file
Owner lives in building	I17	OWNERBLDG	Occupied

Does the owner or landlord live in your building?	1. Yes 2. No

Scripting	
N/A	

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

OWNERBLDG — This item is asked if the current occupants are renters and the sampled unit is not a condo or part of a cooperative and the building has 20 or fewer residential units (RENTER = 1 and COOP = 2 and CONDO = 2 and UNITS_FINAL < 20).

Source(s)	NYCHVS

NYCHVS History	Edits to legacy items (below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Does the owner of this building live in this building?   1. Yes
                                                           2. No

Rationale

The NYCHVS has historically asked this information about all buildings other than condo and coops, regardless of size. Observations of the 2017 NYCHVS indicated that this question was only appropriate in smaller buildings as occupants of larger residential complexes often did not know the owner / landlord. Stakeholder discussion reinforced the value of this item for distinguishing conventional 1-4 family homes where the owner is present or not as well as landlords that occupy a unit of a small multi-family building.

Expert review and pretesting showed that adding the word "landlord" when asking if the owner lives in the building made it easier for respondents who think about this person as their landlord rather than the building owner.

Recode Usage

N/A

Housing Quality			
No Heat and Resolution	**Item**	**Variable name**	**Data file**
Lack of heat	C24	NOHEAT	Occupied
Heating breakdown	C25	NOHEAT_NUM	Occupied
311 for heating breakdown	C42	FIX_311	Occupied
Reasons for not calling 311	C42.1	RE311_DK	Occupied
Reasons for not calling 311	C42.1	RE311_TIME	Occupied
Reasons for not calling 311	C42.1	RE311_NOHELP	Occupied
Reasons for not calling 311	C42.1	RE311_PAST	Occupied
Reasons for not calling 311	C42.1	RE311_PRIVACY	Occupied
Reasons for not calling 311	C42.1	RE311_GOV	Occupied
Reasons for not calling 311	C42.1	RE311_OWNER	Occupied
Reasons for not calling 311	C42.1	RE311_FIXED	Occupied
Reasons for not calling 311	C42.1	RE311_OTHER	Occupied

Last winter, that is from October 2019 through May of 2020, was there a time when you had no heat when you needed it?

1. Yes
2. No
999. Respondent did not live here during [reference period]

How many times was your heat broken for 6 hours or more last winter?

1. One
2. Two
3. Three
4. Four or more times
5. None

Did you or anyone you live with contact 311 about the heat problem?

1. Yes
2. No

Why didn't anyone contact 311 about the problem?

1. I/We didn't know we could call 311 about the problem
2. I/We didn't have time to deal with 311
3. I/We didn't think 311 would help get the problem fixed
4. I/We had bad experiences with 311 in the past
5. I/We didn't want the city in the apartment/house

6. I/We didn't want to call a government agency
7. I/We didn't want to get in trouble with the landlord
8. The problem was fixed right away
9. Another reason

Scripting

Before NOHEAT:
Next, I'm going to ask about the condition of your [apartment / house].

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

NOHEAT_NUM	This item is asked of all respondents in occupied units.
NOHEAT_NUM	This item is asked if the respondent reported having no heat when they needed it (NOHEAT=1)
FIX_311	This item is only asked of renters who reported having at least one heating breakdown for 6 hours or longer (NOHEAT_NUM<5).
RE311_*	This item is only administered if the respondent did not report calling 311 about the heating breakdown (FIX_311=2).

Source(s)	N/A

NYCHVS History	Edits to legacy items (see below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

At any time during this winter, was there a breakdown in your heating equipment; that is, was it completely unusable for 6 consecutive hours or longer?	1. Yes 2. No
How many times did that [breakdown in your heating equipment] happen?	1. One 2. Two 3. Three 4. Four or more times

Rationale

Pretesting of the legacy maintenance deficiency items revealed issues with reference periods as well as question phrasing. (Reference periods is discussed above on page 8.) "This" winter was changed to "last winter" to ensure that respondents were able to report on an entire winter season (previously, "this winter" was referenced for interviews completed in January as well as May).

The phrasing was altered to facilitate interviews that are completed outside of the sampled unit, replacing "this" with "your." This has been done in multiple items throughout the NYCHVS 2020+ questionnaire.

Stakeholders requested that the NYCHVS collect not only information about problems, but also what residents did to get the problem fixed. These items were added with minor modifications from the New York City Housing and Neighborhood Study (NYCHANS), an in-person interview conducted with low-income New Yorkers. At the request of stakeholders and based on subject matter experts, an additional item was developed to gather information on why New Yorkers do not call 311.

Recode Usage

Heating breakdowns of 6 or more hours are used in combination with other items to determine a total count of maintenance deficiencies. Users often use thresholds of three or more items reported or five or more items reported as an indication of poor housing quality.

Maintenance Deficiencies	Item	Variable name	Data file
Lack of hot water	C28	NOTHOTWATER	Occupied
Insufficient heat	C26	ADDHEAT	Occupied
Leaks	C38	LEAKS	Occupied
Mold	C19.5	MOLD	Occupied
Musty smells	C19.6	MUSTY	Occupied
Elevator breakdown	C19.51	ELEV_BROK	Occupied
All elevators broken	C19.52	ELEV_ALLBROK	Occupied
Rodents (unit)	C29	RODENTS_UNIT	Occupied
Rodents (building)	C29.1	RODENTS_BUILD	Occupied
Toilets not working	C6	TOILET_BROK	Occupied
Pests (unit)	C30	ROACHES_NUM	Occupied
Holes in walls	C32	WALLHOLES	Occupied
Holes in floors	C34	FLOORHOLES	Occupied
Peeling paint or broken plaster	C36	PEELPAINT	Occupied
Peeling/broken in large section(s)	C37	PEELPAINT_LARGE	Occupied

At any time last winter, was there a time when you did not have hot water for at least 6 hours?	1. Yes 2. No 3. Yes, but only for maintenance or repairs 999 Respondent did not live in unit during reference period
When your heat WAS working last winter, did you use additional sources of heat, such as a stove or a space heater?	1. Yes 2. No 999. Respondent did not live here during [reference period]
In the last year, have you had any leaks in your [apartment/house]?	1. Yes 2. No 999 Respondent did not live in unit during reference period
In the last year, have you had any mold in your [apartment/house]?	1. Yes 2. No

	999 Respondent did not live in unit during reference period
In the last year, how often have you noticed any musty or moldy smells inside your [apartment/house]? Would you say daily, weekly, monthly, a few times, or never?	1. Daily 2. Weekly 3. Monthly 4. A few times 5. Never 999 Respondent did not live in unit during reference period
In the last year, was there a time when the elevator was broken or not working for 6 hours or more?	1. Yes 2. No 999 Respondent did not live in unit during reference period
When that happened, was there another elevator still working in the building?	1. Yes 2. No 999 Respondent did not live in unit during reference period
At any time in the last 3 months have you seen any evidence of mice or rats inside the [apartment/house]?	1. Yes 2. No 999 Respondent did not live in unit during reference period
At any time in the last 3 months have you seen any evidence of mice or rats inside THE BUILDING?	1. Yes 2. No 999 Respondent did not live in unit during reference period
At any time in the last 3 months was there a time when your [toilets/toilet] [were/was] not working for at least 6 hours?	1. Yes 2. No 999 Respondent did not live in unit during reference period
Last month, about how many cockroaches did you see in your [apartment/ house] on a typical day?	1. None 2. 1 to 5 3. 6 to 19 4. 20 or more 999 Respondent did not live in unit during reference period
Are there cracks or holes in the walls or ceilings inside your [apartment/ house] now?	1. Yes 2. No

Are there holes in the floors of your [apartment/ house] now?

1. Yes
2. No

Is there any broken plaster or peeling paint on the ceiling or walls inside of your [apartment/ house] now?

1. Yes
2. No

Is the area of broken plaster or peeling paint larger than this sheet of paper?

1. Yes
2. No

Interviewer Instruction: Hold up an 8 1/2 x 11 piece of paper

---

Scripting

Before NOHEAT:
Next, I'm going to ask about the condition of your [apartment / house].

Interviewer Notes and Optional Text

ELEV_ALLBROK	Interviewer Note: Mark yes if all of the elevators were broken or not working for 6 hours or more at least once.
RODENTS_UNIT RODENTS_BUILD	Interviewer Note: Do not include pets
FLOORHOLES	IF NEEDED: Do not include nail holes or small gaps between the baseboard and the flooring.
WALLHOLES	Interview Note: Do not include hairline cracks or nail holes.

Administration (Universe Description)

NOHOTWATER
ADDHEAT
LEAKS
MOLD
MUSTY
RODENTS_UNIT
ROACHES_NUM
WALLHOLES
FLOORHOLES

These items are asked of all respondents in occupied units.

PEELPAINT

ELEV_BROK — This item is only asked if the sampled unit is in a building that has an elevator (ELEVATOR_FINAL = 1).

ELEV_ALLBROK — This item is asked if the respondent reported having an elevator breakdown (ELEV_BROK=1).

RODENTS_BUILD — This item is asked only if respondent does not report having seen any evidence of mice or rats in their unit (RODENTS_UNIT=2) and if there are two or more units in the building (UNITS_FINAL>1).

TOILET_BROK — This item is asked if the respondent has at least one full bath (FULLBATH_NUM>0) or at least one half-bath (HALTHBATH_NUM>0) or complete facilities (COMPLETEBATH=1).

PEELPAINT_LARGE — This item is asked if the respondent reported having broken plaster or peeling paint (PEELPAINT=1).

Source(s)	New York City Housing and Neighborhood Study (NYCHANS)

[Q_42] At any time during this winter was there a time when you did not have hot water for at least 6 hours?
1. Yes
2. No

Source(s)	National Health and Nutrition Examination Survey (NHANES)

[HOQ230] In the past 12 months, has your home had a mildew odor or musty smell?
1. Yes
2. No

NYCHVS History	Edits to legacy items (see below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

At any time during this winter, was there a breakdown in your heating equipment; that is, was it completely unusable for 6 consecutive hours or longer?
1. Yes
2. No

How many times did that [breakdown in your heating equipment] happen?
1. One
2. Two
3. Three
4. Four or more times

During this winter when your regular heating system was working, did you, at any time, have to use additional sources of heat because your regular system did not provide enough heat? Additional sources may be the kitchen stove, a fireplace, or a portable heater.	1. Yes 2. No
At any time in the last 90 days have you seen any mice or rats, or signs of mice or rats in this building?	1. Yes 2. No
Does this apartment (house) have open cracks or holes in the interior walls or ceiling? Do not include hairline cracks.	1. Yes 2. No
Does this apartment (house) have holes in the floors?	1. Yes 2. No
Is there any broken plaster or peeling paint on the ceiling or inside walls?	1. Yes 2. No
Is the area of broken plaster or peeling paint larger than 8 1⁄2 inches by 11 inches?	1. Yes 2. No
Has water leaked into your apartment (house) in the last 12 months, excluding leaks resulting from your own plumbing fixtures backing up or overflowing?	1. Yes 2. No

Rationale

Pretesting of the legacy maintenance deficiency items revealed issues with reference periods as well as question phrasing. (Reference periods is discussed above on page 8.)

The ordering of these items was altered such that the reference periods are sequenced from longest (in the last year) to the shortest (now); reference periods were added where previously they had only been implied. "This" winter was changed to "last winter" to ensure that respondents were able to report on an entire winter season (previously, "this winter" was referenced for interviews completed in January as well as May).

Minor edits to all questions were made based on pretesting in order to shorten the questions and simplify word choice. These edits were based on a combination of testing by CBSM and HPD. Terms that respondents found confusing (e.g., inside walls) were removed. Additional optional text was added, in some cases making text optional where it had previously been written as part of the question (e.g., do not include hairline cracks). The phrasing was altered to facilitate interviews that are completed outside of the sampled unit, replacing "this" with "your." This has been done in multiple items throughout the NYCHVS 2020+ questionnaire.

One item was added specifically about seeing mice or rats in the apartment, rather than only asking about building. This was done to provide more information on the most common maintenance deficiency, as well as to ensure valid responses. Field observations of 2017 NYHVS showed that Field Representatives sometimes did not read the question verbatim (i.e., dropping "building" from the question).

The NYCHVS has intermittently asked about mold. Items that ask about both having mold and smelling musty or moldy smells provides greater sensitivity for users to identify possible mold problems in the sampled unit.

Elevator breakdowns were added to provide information on building problems, accessibility, and other risks associated with living in a building without elevator access, such as during disasters or storms.

Recode Usage

There are several standard maintenance deficiencies that are combined to determine a total count of maintenance deficiencies in line with past NYCHVS cycles: heating breakdown (NOHEAT_NUM<5), use of additional heating sources (ADD_HEAT), leaks (LEAKS), toilet breakdowns (TOILET_BROK), holes in the floors or walls (HOLES_WALLS, HOLES_FLOOR), and large sections of peeling paint (PEELPAINT_LARGE). Users often use thresholds of three or more items reported or five or more items reported as an indication of poor housing quality.

Pest Control	Item	Variable name	Data file
Exterminator service	C31.1	EXTERM_SERV	Occupied
Use of exterminator	C31.2	EXTERM_FREQ	Occupied

Does your building offer an exterminator service?
1. Yes
2. No

In the last year, how often have you had an exterminator in your [apartment/house]?

[INTERVIEWER: Please show Response Card C31.2]

1. Not at all
2. Only once
3. A few times
4. Once a month
5. More than once a month
999 Respondent did not live in unit during reference period

Scripting

N/A

Interviewer Notes and Optional Text

EXTERM_SERV   IF NEEDED: Some buildings have a sign-up sheet or an exterminator can be requested.

EXTERM_FREQ   IF NEEDED: Include any exterminator, regardless of whether it is a building service or not.

Administration (Universe Description)

EXTERM_*   These items are asked of all renters in occupied units (RENTER=1).

Source(s)   NYCHVS

NYCHVS History   Edits to legacy items (see below)
1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is this building serviced by an exterminator regularly, only when needed, irregularly, or not at all?
1. Regularly
2. Only when needed
3. Irregularly
4. Not at all

Rationale

Exterminator service was modified based on pretesting and expert review. The question is now two separate questions—one on whether the building has an exterminator service (yes/no) and one that asks how often an exterminator was used (independent of any available service). The answer choices to the legacy item were not mutually exclusive and led to confusion among respondents. Respondents also sometimes had an exterminator come to their home outside of the usual service offered by a landlord, sometimes paying for such treatment themselves.

Recode Usage

N/A

Renovations	Item	Variable name	Data file
Repairs caused housing problems	C45.1	RENOVATE_REAS	Occupied
Under renovation	C45	RENOVATE	Occupied

Were any of the problems we discussed in your [apartment/house] caused by renovations or repairs?	1. Yes 2. No
Is your [apartment/ house] now under renovation?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

RENOVATE_REAS   These items are only asked if the respondent reported one or more problem (MAINT_DEF = 1).

Source(s)   N/A

NYCHVS History   N/A

Rationale

Pretesting revealed that some items historically labeled as 'maintenance deficiencies' are actually the result of ongoing improvements to the home. For example, holes in the wall may be caused by upgrades to the electrical system that are underway; broken plaster may be the result of a new doorway being created. These items may pose a risk to the current occupants even if they are caused by something that is done by choice rather than lack of maintenance. Therefore, the NYCHVS Sponsor team opted to ask the maintenance deficiency items (first) and follow with an item about whether any of the issues were caused by renovation or repair work to give users flexibility of whether these issues should be counted as a deficiency or if units undergoing repair or renovation should be excluded. The second item (Is your [apartment/ house] now under renovation?) is used to estimate a prevalence of renovation work being performed while occupants are in residence. A similar item will be asked of vacant units.

Recode Usage

N/A

Perceived Quality of Unit	Item	Variable name	Data file
Rating of bathroom	C45.2	BATH_RATING	Occupied
Rating of kitchen	C45.3	KITCH_RATING	Occupied
Rating of unit overall	M38	UNIT_RATING	Occupied

On a scale of 1-10, when 1 is the worst and 10 is the best, what is the quality of your bathroom?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

On a scale of 1-10, what is the quality of your kitchen?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

On a scale of 1-10, how would you rate your current [apartment/house] as a place to live?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

Scripting

N/A

Interviewer Notes and Optional Text

KITCH_RATING   IF NEEDED: when 1 is the worst and 10 is the best…
UNIT_RATE

Administration (Universe Description)

BATH_RATING | This item is asked only of respondents with at least one full bath (FULLBATH_NUM>0) or half-bath (HALFBATH_NUM>0).

KITCH_RATING | This item is asked only of respondents that reported having a complete kitchen (APP_FRIDGE=1 & APP_STOVE=1).

UNIT_RATING | This item is asked of all respondents in occupied units.

Source(s)   N/A

NYCHVS History   N/A

Rationale

The revised NYCHVS seeks to identify positive sources of housing quality as well as deficiencies and poor housing quality, as the survey has done for many cycles. These items were developed based on stakeholder feedback. Other items ask about complete and functioning facilities as well as presence of various appliances, their relative age, and if they are in working order. These questions ask for the respondent's perception of quality and may be used to assess subjective dimensions of the New York City housing stock.

Several versions of these questions were tested. The final phrasing and answer choices are designed to align with other 1 to 10 rating scales (including those adapted from the American Housing Survey).

Recode Usage

N/A

Air Conditioners	Item	Variable name	Data file
Central air conditioning	C27	CENTRALAIR	Occupied
Window / wall air conditioning	C27.1	ACUNIT	Occupied
Disuse of air conditioning	B44.1	AC_OFF	Occupied

Does your [apartment/ house] have functioning central air conditioning?

1. Yes
2. No

Last June, July, or August, did your [apartment/house] have one or more functioning air conditioner that is removable, such as one that goes in a window or through a wall?

1. Yes
2. No
999. Respondent did not live here during reference period

Last June, July, or August, did you ever keep your air conditioner off due to cost when you otherwise would want to use it?

1. Yes
2. No
999. Respondent did not live here during reference period

Scripting

N/A

Interviewer Notes and Optional Text

ACUNIT   Interviewer note: Include air conditioners that are still working but are in storage.

Administration (Universe Description)

CENTRALAIR   This item is asked of all respondents in occupied units.

ACUNIT   This item is asked of all respondents in occupied units.

AC_OFF   This item is asked if the respondent reported having one or more removable air conditioning unit (ACUNIT=1).

Source(s)   N/A

NYCHVS History   2014, 2017

Does your apartment (house) have functioning air conditioning? Would you say central air conditioning, one or more window air conditioners, or no air conditioning?

1. Yes, central air conditioning
2. Yes, one or more window air conditioners
3. No

Rationale

In 2014 and 2017, the NYCHVS asked whether the sampled unit had functioning air conditioning. This item was used to estimate populations that may be vulnerable in heat emergencies; however, it did not collect granular enough information to assess related issues, such as impact on utility costs, usage, or control (central air is generally controlled by a building owner whereas window air conditions are generally controlled by the resident). The legacy phrasing of the item also did not allow for through-wall air conditioners, which are common in high rise buildings and newer construction. The legacy form of the question gave priority to central air when a unit contained both central air and one or more removable unit even though pretesting showed that having both was not uncommon.

For these reasons, the legacy question is now two separate questions that allow users to identify whether one or both forms of air conditioners are present in the unit. The addition of the question on whether the respondent avoids usage due to cost provides information that may be valuable to a wider range of policy issues. For example, this question may be used in conjunction with reported utility costs during summer months.

Recode Usage

N/A

Extreme Heat	Item	Variable name	Data file
Open windows during winter	C19	TEMP_HOT	Occupied

Last winter, how often was it so hot in your [apartment/ house] because of your heat that you had to open the windows? [INTERVIEWER: Show Response Card C19]	1. Most days 2. Some days 3. A few days 4. Never 999 Respondent did not live in unit during reference period

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

TEMP_HOT   This item is asked of all respondents in occupied units.

Source(s)   N/A

NYCHVS History   N/A

Rationale

The inclusion of a modified version of the AHS question on feeling cold supplements the legacy NYCHVS items on heating breakdowns and need for additional heating source(s). Reference period and inclusion of a N/A choice when the respondent did not yet live in the unit were altered/added.

Pretesting of questions related to lack of heat, need for additional heating sources, and feeling cold revealed that many New Yorkers experience variable heat in their home, sometimes being cold and at other times being too hot. For this reason, the item asking about opening the windows during the winter was developed to identify variable heat issues as well as identify wasted heating fuel that may be of interest to users focusing on energy usage and climate policy.

Recode Usage

N/A

Secondhand Smoke	Item	Variable name	Data file
Smoking in unit	C48.1	SMOKEINUNIT	Occupied
Smells smoke from outside	C49	SMELLSMOKE_FREQ	Occupied
Type of smoke	C40	SMELLSMOKE_TYPE	Occupied

In the last month, have you or anyone, including guests, smoked any tobacco or marijuana in the [apartment/house]?

1. Yes
2. No
999 Respondent did not live in unit during reference period

How often do you smell cigarette smoke or marijuana in your [apartment/house] that comes from somewhere else?

1. Every day
2. A few times per week
3. A few times per month
4. A few times per year
5. Not at all

Was that cigarette smoke, marijuana, or both?

1. Cigarette
2. Marijuana
3. Both

Scripting

N/A

Interviewer Notes and Optional Text

SMOKEINUNIT	Interviewer Note: Do not include vaping or e-cigarettes.
SMELLSMOKE_FREQ	Interviewer Note: Include another apartment, the hallway, the stairwell, or outside of the building.

Administration (Universe Description)

SMOKEINUNIT	This item is asked of all respondents in occupied units.
SMELLSMOKE_FREQ	This item is asked of respondents that reported that no one smoked in the unit in the past month (SMOKEINUNIT=2) where there is more than one residential unit in the building (UNIT_COUNT >1 or (UNIT_CORRECT = 1 and UNITS_FRONT >1)).
SMELLSMOKE_TYPE	This item is asked of any respondent that reported smelling smoke in the sampled unit at least a few times per year (SMELLSMOKE_FREQ<5).

Source(s)	New York City Housing and Neighborhood Study (NYCHANS)

In the last 30 days, have you or anyone, including guests, smoked cigarettes anywhere in your home?	1. Yes 2. No

How often do you smell cigarette smoke in your apartment that comes from outside?	1 Every day 2 A few times per week 3 A few times per month 4 A few times per year 5. Not at all

NYCHVS History	2002, 2005

(2002, 2005) Does anyone in this household smoke (or use tobacco) on a daily basis?	1. Yes 2. No

(2005 only) How often are you around people who are smoking in the workplace? (read responses)	1. All of the time 2. Most of the time 3. Only occasionally 4. Never

Rationale

Stakeholder discussion and expert review identified smoke-free housing as a relevant policy issue that would benefit from additional data collected as part of the NYCHVS. Building level information on rules pertaining to smoking will be collected as part of the Interviewer Observation Survey (IOS).

Self-report items to be collected from the respondent may be used in conjunction with this information on building rules or on its own. Two questions were adapted from the New York City Housing and Neighborhood Study (NYCHANS), an in-person interview with New Yorkers. Pretesting showed the need to modify these items to include not only tobacco products, but also marijuana. Pretesting also determined the skip patterns for these items: if there is smoking in the home, respondents often did not know how to answer items regarding smells from elsewhere.

Recode Usage

N/A

Household Composition			
Pets and Service Animals	**Item**	**Variable name**	**Data file**
Animals living in unit	A36	ANIMS	Occupied
Service animal	A36.1	SERVICEANIMAL	Occupied
Dogs	A37a	DOGS_NUM	Occupied
Cats	A37b	CATS_NUM	Occupied
Other pets	A37c	OTHERPETS	Occupied

Do you have any animals that live with you?

1. Yes
2. No

Are any of the animals that live with you a service animal?

1. Yes
2. No

What pets live in your [apartment/house]?

Enter Number of Dogs _____
Enter Number of Cats _____
Enter Number of Other Pets _____

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

PETS — This item is asked of all respondents in occupied units.

SERVICEANIMAL — This item is asked of all respondents that report having one or more animal in the sampled unit (PETS=1).

DOGS_NUM
CATS_NUM
OTHERPETS — This item is asked of anyone that reported having one or more animal in the sampled unit (PETS=1).

Source(s)	N/A

NYCHVS History	N/A

Rationale

Conversations with stakeholders led to inclusion of items on pets and service animals. To the best of our knowledge, there is no other existing representative source of data on this topic. Information on pets may represent a source of allergens for those with respiratory issues, the presence of a service animal may be useful in examining the particular needs of those living with disabilities, and the presence of pets may constrict a household's ability to move elsewhere to the extent that pet policies vary from building to building. Having animals when building rules preclude them may place households at risk of eviction (rules about animals in the building where the sampled unit is located will be collected separately as part of the Interviewer Observation Survey (IOS) and may be analyzed in conjunction with the self-reported items here).

Recode Usage

N/A

Household Roster	Item	Variable name	Data file
Household size	A42	HHSIZE	Occupied
First names of occupants	A1	NAME_P1 – NAME_P15	IUF Only
Last names of occupants	A1	LNAME_P1 – LNAME_P15	IUF Only
Relationship to respondent	A3	RELATION_P1-RELATION_P15	Person

How many people live in your [apartment/house], including you?

Enter Number of People _____

What is the name of each person who lives with you?

Enter first name or initials:
1. Respondent
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

(Enter last name if volunteered by respondent)

Enter last name:
1. Respondent
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

What is [person]'s relationship to you?

1. Husband/wife

2. Unmarried partner
3. Child
4. Brother/sister (stepbrother/sister)
5. Father/mother
6. Father-in-law/mother-in-law
7. Grandchild
8. Grandparent
9. Other relative (cousin, nephew, etc)
10. Roommate/ Boarder
11. Other non-relative

Scripting

Before HHSIZE:
In this next section, I'm going to ask about you and anyone else who lives with you.

Interviewer Notes and Optional Text

NAME_P*   IF NEEDED: I don't need full names, it is ok to just give me first name or initials. I just need some way to refer to them when I ask some follow-up questions.

Interviewer Note: Enter first name or initial. Only enter last name if offered by respondent.

Administration (Universe Description)

HHSIZE   This item is asked of all respondents in occupied units.

NAME_P*   This information is gathered from all respondents that report a household size of more than one (HHSIZE>1).

LNAME_P*   This information is gathered from all respondents that report a household size of more than one (HHSIZE>1).

RELATION_P*   This item is looped for each person in the household besides the respondent (NAME_P[Person]<>DK or R).

Source(s)	NYCHVS

NYCHVS History	Edits to legacy items (see below)
	1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What are the names of all persons living or   For each person:

staying here?

Start with the ADULT who owns or rents this apartment (house).

(Enter that name under PERSON 1 below.)
- Include anyone staying here with no other home
- Include anyone who usually lives here but is temporarily away traveling or at school
- Include lodgers, boarders, babies, etc

Last Name _____

First Name _____

How is . . . related to . . . (reference person) (person on Line 1)?

Show respondent Flash Card

1. Husband/wife
2. Son/daughter (own, adopted, step)
3. Brother/sister (stepbrother/sister)
4. Father/mother Father-in-law/mother-in-law
5. Grandchild
6. Grandparent
7. Other relative (cousin, nephew, etc.)
8. Roomer/boarder/foster child
9. Unmarried partner
10. Housemate/roommate
11. Other non-relative

Rationale

Feedback from Field Representatives that conducted the 2017 NYCHVS as well as observation of field operations showed that the legacy version of these items increased sensitivity to privacy, as the NYCHVS historically asked for first and last name of each person in the household at the beginning of the interview before any rapport was established (it was the first item of the legacy instrument). Observation of field operations also revealed that the use of a flash card for this question was unnecessary (i.e., people were able to answer without a prompt for relationship categories) and onerous (many field representatives did not use the flash card at all and instead coded open-ended responses after the interview concluded).

Pretesting of these items, including the Sponsor team's own experience collecting roster information with New York City residents, guided this revised roster structure. The first item (how many people live here) helps to frame the listing of individuals in the following item and validate that every individual has been captured. The option to list only first name or initials allows respondents who are sensitive about giving a full name the option to provide some other way to refer to people when later items require fills. Relationship to respondent was modified to be field representative-coded, rather than a card. This reduces both respondent and field representative burden and alleviates difficulties in verbatim translation of these relationship categories. The order of answer items was altered to group similar relationships together (i.e., spouse and unmarried partner) rather than give precedence to traditional nuclear family structures (spouse, then child, etc. and only list partner at the end).

Recode Usage

N/A

Partnership Status	Item	Variable name	Data file
Marital status (R)	A9.1	MARITALSTAT_P1	Occupied
Co-resident spouse (R)	A9.2	SPOUSE_RES_P1	Occupied
Spouse location (R)	A9.3	SPOUSE_LOC_P1	Occupied

Are you currently married, divorced, separated, widowed, or have you never been married?

1. Married
2. Divorced
3. Separated
4. Widowed
5. Never married

Does your spouse live with you or somewhere else?

1. Spouse lives with respondent
2. Spouse lives somewhere else
3. Respondent is not married

Where does your spouse currently live?

1. New York City
2. Outside of New York City, but in the United States
3. Outside of the United States

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

MARITALSTAT_P1   This item is asked for all respondents that did not identify a spouse in the roster (RELATIONSHIP_P*<>1).

SPOUSE_RES_P1   This item is asked for respondents that indicated they were married and did not otherwise indicate a spouse as the relationship to any co-resident household member (MARITALSTAT_P1=1).

SPOUSE_LOC_P1   This item is asked of each respondent that indicated that their spouse lived elsewhere (SPOUSE_RES_P1=2).

Source(s)	General Social Survey (GSS)

Are you currently--married, widowed, divorced, separated, or have you never been married?	1. Married 2. Divorced 3. Separated 4. Widowed 5. Never married

NYCHVS History N/A

Rationale

Marital status and information about non-co-residential spouses provide a more accurate and comprehensive source of information on family status relative to legacy questions, which only captured co-residential spouses.

Recode Usage

N/A

Age	Item	Variable name	Data file
Birthdate (month)	A2a	BDAY_MON_P1-BDAY_MON_P15	IUF Only
Birthdate (day)	A2b	BDAY_DAY_P1-BDAY_DAY_P15	IUF Only
Birthdate (year)	A2c	BDAY_YEAR_P1-BDAY_YEAR_P15	IUF Only
Age (estimated)	A2.1	AGE_P1-AGE_P15	Person
Minor	A2.2	AGE_MINOR_P1-AGE_MINOR_P15	Person
Senior 62+	A2.3	AGE_SENIOR_P1-AGE_SENIOR_P15	Person

What is [your/[person]'s] date of birth?   Enter Month _____

Enter Day   _____

Enter Year   _____

What is [your/[Person]'s] age?   Enter Age _____

[Are you/Is [person]] under 18?   1. Yes
2. No

[Are you/Is [person]] 62 or over?   1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

BDAY_MON_*   IF NEEDED: This information helps me know what topics to ask about.
BDAY_DAY_*   For example, I may ask about childcare costs or retirement savings
BDAY_YEAR_*   depending on the age of the people who live with you.

AGE_*   IF NEEDED: If you are not sure, your best guess is fine

---

Administration (Universe Description)

BDAY_MON_P*
BDAY_DAY_P*
BDAY_YEAR_P*

This item is looped for all persons, including the respondent.

AGE_P*

This item is looped for each household member where a specific birthdate was not provided (BDAY_*_P[Person]=DK or R).

AGE_MINOR_P*

This item is administered if respondent does not know or refuses to give person's age (AGE_P[Person]= DK or R)

AGE_SENIOR_P*

This item is administered if respondent does not know or refuses to give person's age (AGE_P[Person]= DK or R) and the person is not identified as a minor (AGE_MINOR_P[Person]=2).

Source(s)   N/A

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

How old is . . . ? (Enter whole years ONLY.)   Enter Years _____

Rationale

Every attempt will be made to capture full birthday for each individual. This enables greater precision of recoding of age (in whole years) based on interview date. If respondent is unwilling or unable to give full birthdate, two options are provided instead to reduce item non-response.

Recode Usage

Age of each person is recoded to whole years based on all available information.

Relationships of Others	Item	Variable name	Data file
Spouse / partner in household	A7	SPOUSE_P2-SPOUSE_P15	Person
Parent / guardian in household	A9	PARENT_P2-PARENT_P15	Person

Does [person] have a spouse or unmarried partner in the [apartment/ house]?	1. Yes, a spouse in the household. (Specify) ____ 2. Yes, an unmarried partner in the household. (Specify)____ 3. No partner or spouse in the household
[Do you/ Does [person]] have a parent or legal guardian in the [apartment/ house]?	1. Yes: Parent 1: Enter Person # _____ Parent 2: Enter Person # _____ 2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

SPOUSE_P*	This item is looped for persons 2-*k* if the person was not already identified as the spouse or unmarried partner of the respondent or another household member of the respondent, is 15 years or older, and was not otherwise identified as a minor ADULT[PERSON] = 1 & SPOUSE_P[2-(PERSON-1)] <> [PERSON]).
PARENT_P*	This item is looped for each person if the person was not already identified as a parent of the respondent (RELATIONSHIP_P[Person]<>3).

Source(s)	NYCHVS

NYCHVS History	Edits to legacy items (below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Does . . . have a spouse or unmarried partner in the household?	1. Yes: Enter Person # _____ 2. No 3. Under 15

Does . . . have a parent in the household?　　　　1. Yes: Person # _____
　　　　　　　　　　　　　　　　　　　　　　　　　　　2. No

Rationale

These items are replicated from past NYCHVS survey cycles and are used to determine various household compositions with only minor modifications to facilitate administration by Computer Assisted Personal Interview (CAPI). Specifically, up to two persons may now be identified as a parent or legal guardian.

Recode Usage

These items, in combination with relationship to respondent, are used to code various standardized household compositions such as 'co-resident parent and child' and 'married couple with child.'

Residential History			
Length of Residence	**Item**	**Variable name**	**Data file**
Moved to unit (year)	M1_*	MOVEIN_P1-MOVEIN_P15	Occupied
Moved to unit (1971)	M3_*	MOVE1971_P1-MOVE1971_P15	Occupied
Moved to unit (month)	M2_*	MOVEIN_MON_P1-MOVEIN_MON_P15	Occupied

In what year did [you/Person] move into the [apartment/ house]?

Enter Year _____

Did [you/Person] move in on or after July 1 in 1971?

1. Yes, on or after July 1 in 1971
2. No, before July 1 in 1971

In what month did [you/Person] move into the [apartment/ house]?

1. January
2. February
3. March
4. April
5. May
6. June
7. July
8. August
9. September
10. October
11. November
12. December

Scripting

N/A

Interviewer Notes and Optional Text

MOVEIN_*   The most recent time the person moved in, if there have been multiple move-ins and move-outs

Administration (Universe Description)

MOVEIN_P*   This item is looped for each person in the household.

MOVE1971_P*   This item is looped for each person that reporting moving into the sampled unit in 1971 (MOVEIN_P[Person]=1971).

MOVEIN_MON_P*	This item is looped for each person that moved into the sampled unit in the last two years (INT_YEAR minus MOVEIN_P[PERSON] <= 2).

Source(s)	NYCHVS

NYCHVS History	Edits to legacy items (below) 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

In what year did . . . (person) move into this apartment (house)? [Only ask if (person) is 15 years or older]	Enter Year _____

Ask only if reference person moved here in 1971. Did . . . (person) move here on or after July 1 in 1971?	1. Yes 2. No

Rationale

Through 2014, this legacy item was only asked of the householder (reference person); in 2017, it was asked of the householder and also about every co-resident person age 15 or older. This was done to reduce bias related to other household members that took up residence prior to the householder (e.g., when an adult has possession of the unit before the reference person (adult child) moved in). This was a critical correction as year moved in is partly used in determining rent control and rent stabilization status.

This item will now be administered for every person in the household, regardless of age or role. This expansion will enable users interested in family formation to understand variation in household composition over time, including mobility of children.

If any person in the household moved to the unit in the last 2 years, the respondent will now be asked what month they moved in. This is essential for accurate length of residence for each member of the household, particularly for identifying the prevalence of moves within the prior year of the interview.

Recode Usage

These items are used as part of the logic determining control status recode (housing type).

Lease History	Item	Variable name	Data file
Has lease now	M43.1	LEASENOW	Occupied
Ever had lease	M43.5	LEASEEVER	Occupied
Length of lease	M43	LEASE_LENGTH	Occupied
Start of lease (year)	M44	LEASE_YEAR	Occupied
Start of lease (month)	M45	LEASE_MONTH	Occupied
Persons on lease	B58.5	ONLEASE_P1- ONLEASE_P15	Occupied

Do [you/you or anyone else you live with] currently have a lease for your apartment?

1. Yes
2. No

Have [you/you or anyone else you live with] ever had a lease for this [apartment/house]?

1. Yes
2. No

What is the length of the current lease; that is, the total time from when this lease began until it will end?

1. Less than 1 year
2. 1 year
3. More than 1 but less than 2 years
4. 2 years
5. More than 2 years

What year did your current lease start?

Enter Year _____

What month did your current lease start?

1. January
2. February
3. March
4. April
5. May
6. June
7. July
8. August
9. September
10. October
11. November
12. December

Which of the people that live in the

1. Person 1 (respondent)

[apartment/house] are on the lease?

2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Scripting

Before ONLEASE_P*:
Now I'd like to ask you some general questions about your housing.

Interviewer Notes and Optional Text

LEASE_YEAR   IF NEEDED: The lease start date is the effective date, not the date it
LEASE_MON   was signed.

Administration (Universe Description)

LEASENOW   This item is asked of all renters in occupied units (RENTER=1).

LEASEEVER   This item is asked for all respondents that indicate they do not
                    currently have a lease (LEASENOW=2).

LEASE_LENGTH   This item is asked of each respondent who reported having a lease
                    now (LEASENOW=1).

LEASE_YEAR   This item is asked of each respondent who reported having a lease
                    now (LEASENOW=1).

LEASE_MONTH   This item is asked of each respondent who reported having a lease
                    now (LEASENOW=1) and when the current lease began in 2019 or
                    later (LEASE_YEAR>=2019).

ONLEASE_P*   This item is asked for each respondent that reported having a
                    current lease (LEASENOW=1) in households with more than one
                    person (HHSIZE>1).

Source(s)   N/A

| **NYCHVS History** | Expands upon legacy items (below) |
| | 1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017 |

What is the length of the lease on this apartment (house); that is, the total time from when the lease began until it will expire?	Less than 1 year
	1 year
	More than 1 but less than 2 years
	2 years
	More than 2 years
	No lease

Rationale

Pretesting revealed substantial variation in living situations, including leases. Some renters had a lease in the past but are now living without a lease while others had month-to-month leases or no lease. In some cases when there was no lease now, respondents gave the length of the last lease. For these reasons, expert review recommended that the NYCHVS collect not only length of current lease, but also if there was a lease in the past. Stakeholder review also recommended that the NYCHVS capture who is on the lease. This information is useful to identify households that may be doubled up as well as tenants who are not of record.

Stakeholder review identified that users commonly use the legacy item to estimate rent increases based on length of lease (imputed from length of residence in some cases) and timing of lease against Rent Guidelines Board rent orders. The legacy form of the item did not capture which year the lease began, leading to error in these uses. Not knowing the month of the lease is also a critical component of knowing which rent order is applicable. For these reasons, additional items were added.

Recode Usage

N/A

Lease History	Item	Variable name	Data file
Rent regulation status (R)	I23.5	RENTREG	Occupied

Is your [apartment/ house] under Rent Control, Rent Stabilization, or Neither?	1. Under Rent Control 2. Under Rent Stabilization 3. Neither 4. Respondent is not familiar with the programs or whether their apartment/house is subject to them

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

RENTREG   This item is asked of all renters in occupied units.

Source(s)   NYCHVS

NYCHVS History	Edits to legacy items (below) 1991, 1993, 1996, 1999, 2002, 2005

Is this apartment (house) under Rent Control or Rent Stabilization?	1. Under Rent Control 2. Under Rent Stabilization 3. Neither of the above

Rationale

A version of this item was administered as part of the NYCHVS through 2005, after which it was discontinued because self-report was often inaccurate. Stakeholder review suggested that the value of this item was *not* solely about identifying the rent regulation status of the unit; rather, it was used to identify which tenants know their status and what characteristics are associated with accurate or inaccurate knowledge. Tenant advocacy groups expressed interest in identifying where public education should be directed. For these reasons, a modified version of the question will be included moving forward.

Recode Usage

N/A

Residential History	Item	Variable name	Data file
First moved to neighborhood (year)	I23.6	NABE_MOVED	Occupied
Rating of neighborhood (now)	M39	NABENOW_RATE	Occupied
Rating of neighborhood (then)	M38.1	NABETHEN_RATE	Occupied
Residential moves in last 5 years	M4	TIMESMOVED	Occupied
Last homeless	M5	LAST_HOMELESS_P1-LAST_HOMELESS_P15	Person

What year did you first move to the neighborhood where you live now?

Enter Year _____

On a scale of 1-10, when 1 is worst and 10 is best, how would you rate your current neighborhood as a place to live?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

How would you rate your neighborhood as a place to live when you first moved there in [YEAR]?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

How many times have you moved in the past five years, that is since [YEAR]?

Enter Number _____

Before moving into your [apartment/house], [were you/which of the people who live in your [apartment/house], including you, were] homeless or in a temporary housing situation?

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9

10. Person 10
                              11. Person 11
                              12. Person 12
                              13. Person 13
                              14. Person 14
                              15. Person 15

Scripting

N/A

Interviewer Notes and Optional Text

NABE_MOVED   Interviewer Note: The first time the respondent ever lived in the current
                    neighborhood

NABETHEN_RATE   IF NEEDED: On a scale of 1-10, when 1 is worst and 10 is best...

LAST_HOMELESS   Interviewer Note: Code staying with family or friends, staying in a hotel
                    or Airbnb, or sublet that wasn't a primary residence as a temporary
                    housing situation. Temporary can be any length of time, as defined by
                    the respondent.

Administration (Universe Description)

NABE_MOVED   This item is asked of all respondents in occupied units.

NABENOW_RATE   This item is asked of all respondents in occupied units.

NABETHEN_RATE   This item is asked of respondents who moved into the sampled unit
                    in the last five years (MOVEIN_P1>=2016).

TIMESMOVED   This item is asked of respondents who reported moving into the
                    sampled unit in the last five years (YEARSSINCEMOVEIN1 <= 5).

LAST_HOMELESS_P   This item is asked about each person that was reported as moving
                    into the sampled unit in the last ten years
                    (YEARSSINCEMOVEIN[Person]<= 10).

Source(s)   American Housing Survey (AHS)

How would you rate your neighborhood on a scale   1. 1
of 1 - 10? 10 is best, 1 is worst   2. 2
                                                   3. 3
                                                   4. 4
                                                   5. 5
                                                   6. 6

7. 7
8. 8
9. 9
10. 10

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

How would you rate the physical condition of the residential structures in this NEIGHBORHOOD – would you say they are on the whole excellent, good, fair, or poor?

1. Excellent
2. Good
3. Fair
4. Poor

Is there anyone now living in this apartment (house) that came here within the past five years from a homeless situation such as a shelter, transitional center, or hotel?

1. Yes
2. No

Who are they?

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12

Rationale

Stakeholders indicated the need for additional information on residential instability and neighborhood change. Two items were added to the NYCHVS in response—when the respondent first moved to the neighborhood (previous surveys only identified when the respondent moved to the sampled unit) and number of residential moves in the last five years.

Pretesting showed that respondents may not know what is meant by terms such as "physical condition" or "residential structures." Research on neighborhood effects values perceptions of neighborhood quality that extend beyond physical condition only. For these reasons, the NYCHVS now asks a more general rating of neighborhood and housing quality.

Questions on housing and neighborhood quality are based on questions from the AHS, with slight phrasing changes to allow for parallel question structure.[2] Rating of housing quality has

---

[2] https://www.census.gov/content/dam/Census/programs-surveys/ahs/publications/HousingAdequacy.pdf

been used as an alternative to the count of maintenance deficiencies used in previous NYCHVS cycles and offers users the ability to weight specific deficiencies based on severity and prevalence.[3]

Stakeholder review showed the value in perceptions of neighborhood change. Rather than ask about specific types of change, the NYCHVS will now ask a global measure of change, as captured by the item on rating of neighborhood when the respondent first moved. This may be used in conjunction with current rating of neighborhood to estimate a change score.

Since 1991, the NYCHVS has collected information on co-resident persons who moved from a homeless situation. This legacy item was modified based on feedback from the translation team and subject matter experts. Additional interviewer notes were added based on feedback from cognitive interviews conducted by CBSM. The format of the question was modified to accommodate more efficient administration of this potentially sensitive question.

Recode Usage

N/A

---

[3] https://www.huduser.gov/publications/pdf/AHS_hsg.pdf

Last Home	Item	Variable name	Data file
Moved in NYC, US, Else		LASTLOCATION	Occupied
Moved in same building	M10.1	LAST_SAMEBLDG	Occupied
Last address same as current		LAST_SAMEADDRESS	IUF Only
Last unit in same building	M7.1	LAST_SAMEUNIT	IUF Only
Last address (house number)	M7	LAST_PHN	IUF Only
Last address (street name)	M7	LAST_STREETNAME	IUF Only
Last address (unit)	M7	LAST_UNIT	IUF Only
Last address (borough)	M7	LAST_BORO	IUF Only
Last address (city)	M7	LAST_CITY	IUF Only
Last address (state)	M7	LAST_STATE	IUF Only
Last intersection (street 1)	M8	LAST_INTER1	IUF Only
Last intersection (street 2)	M8	LAST_INTER2	IUF Only
Last intersection (borough)	M8	LAST_BORO2	IUF Only
Last intersection (borough)	M8	LAST_CITY2	IUF Only
Last intersection (state)	M8	LAST_STATE2	IUF Only
Last address / intersection (zip code)	M9	LAST_ZIP	IUF Only
Confirmation of last place lived	M10	LAST_PLACE_CONF	IUF Only
Last home was rented or owned	M10.2	LAST_OWNRENT	Occupied

Was the last place YOU lived in NYC, somewhere else in the United States, or outside of the United States?	1. In NYC 2. Elsewhere in the US 3. Outside of the US
Was the last place you lived in the same building?	1. Yes 2. No
Was the address of the last place you lived [sampled unit's address]?	1. Yes 2. No

What was the apartment number of the last place you lived?

Enter Apt No _____

What was the address of the last place you lived?

Enter Street Number _____
Enter Street Name _____

If in NYC:
Enter Borough: _____

If Elsewhere in US:
Enter City: _____
Enter State: _____

What was the nearest intersection of the last place you lived?

Enter Street 1: _____
Enter Street 2: _____

Enter Borough: _____

What was the zip code of the last place you lived?

Enter Zip Code: _____

Just to confirm, your last home was in [fill based on zip code]?

1. Yes
2. No

Did you and the people you lived with at your last place rent or own?

1. Rented
2. Owned

Scripting

Before LASTLOCATION*:*
Now, I'm going to ask about where you lived right before your current [apartment/house].

Interviewer Notes and Optional Text

LAST_SAMEBLDG   Different building in the same residential complex should be considered a different building.

Administration (Universe Description)

LASTLOCATION   This item is asked of respondents who reported moving into the sampled unit in the last five years (MOVEIN_P1>=2016).

LAST_SAMEBLDG	This item is asked of respondents who reported last living somewhere else in New York City (LASTLOCATION=1).
LAST_SAMEADDRESS	This item is asked of respondents who reported last living in the same building (LAST_SAMEBLDG=1).
LAST_SAMEUNIT	This item is asked of respondents who reported last living in the same building (LAST_SAMEBLDG=1).
LAST_PHN LAST_STREETNAME LAST_UNIT	These items are collected for respondents who reported last living somewhere else in New York City but not in the same building (LAST_SAMEBLDG=2) or somewhere else in the United States (LASTLOCATION=2).
LAST_BORO	This item is collected for respondents who reported last living somewhere else in New York City but not in the same building (LAST_SAMEBLDG=2).
LAST_CITY LAST_STATE	These items are collected for respondents who reported last living somewhere else in the United States (LASTLOCATION=2)
LAST_INTER1 LAST_INTER2	These items are collected for respondents who did not provide a street address (LAST_PHN or LAST_STREETNAME = DK or R) and reported last living somewhere else in New York City but not in the same building (LAST_SAMEBLDG=2) or somewhere else in the United States (LASTLOCATION=2).
LAST_BORO2	This item is collected for respondents who did not provide a street address (LAST_PHN or LAST_STREETNAME = DK or R) and reported last living somewhere else in New York City but not in the same building (LAST_SAMEBLDG=2).
LAST_CITY2 LAST_STATE2	These items are collected for respondents who did not provide a street address (LAST_PHN or LAST_STREETNAME = DK or R) and reported last living somewhere else in the United States (LASTLOCATION=2).
LAST_ZIP	This item is asked of respondents who reported last living somewhere else in New York City or somewhere else in the United States (LASTLOCATION<3).
LAST_PLACE_CONF	This item is asked of respondents who reported last zip code but did not provide last city and state or last borough (LAST_CITY and LAST_STATE = [DK,R] or LAST_BORO in [DK,R]) and LAST_ZIP <> DK).
LAST_OWNRENT	This item is asked of respondents who reported moving into the sampled unit in the last five years (MOVEIN_P1>=2016).

NYCHVS History	2002, 2005

| Where was the most recent place . . . (reference person) lived for six months or more before moving into this apartment (house)? | **IN NEW YORK CITY, SAME BUILDING**
1. Always lived in this unit
2. Another unit in same building

IN NEW YORK CITY, OTHER BUILDING
3. Bronx
4. Brooklyn
5. Manhattan
6. Queens
7. Staten Island

OUTSIDE OF NEW YORK CITY
8. NY, NJ, Connecticut
9. Other State
10.Puerto Rico
11. Dominican Republic
12. Caribbean (other than Puerto Rico or Dominican Republic)
13. Mexico
14. Central America, South America
15. Canada
16. Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, or Uzbekistan
17. Other European countries
18. China, Hong Kong, Taiwan
19. Korea
20. India
21. Pakistan, Bangladesh
22. Philippines
23. Southeast Asia (Cambodia, Laos, Malaysia, Myanmar (Burma), Singapore, Thailand, Vietnam)
24. Other Asia |
| Which sub-borough did . . . (reference person) live in? Refer to the maps in your job aid. | Enter 2-digit Sub-borough Area Code |

Rationale	

Stakeholder and expert review showed the importance of capturing information on residential mobility, including neighborhood trajectories. A version of this question was asked in the 2002 and 2005 NYCHVSs, after which it was discontinued. Researchers have used the legacy form of the question to identify types of displacement that are not possible through other surveys because they lack density of moves from one neighborhood to another within a single city. Subject matter experts determined that these data are valuable, but the legacy form of the question lacked granularity and was difficult to administer, as it required use of borough-level maps and Field Representative coding during the interview.

While disclosure avoidance procedures necessitate careful aggregation to protect participants' identities, having address (or intersection or zip code) information allows for internal use that is critical to the aims of the NYCHVS. Having the ability to geocode past residence from address (or intersection if not available) facilitates merging to other data sources to produce secondary research on residential trajectories, displacement, and eviction, among others.

The year the respondent first moved to their current neighborhood is also useful in conjunction with additional new items on neighborhood quality (both current and at first move) and housing search to assess neighborhood change and cohort effects.

Recode Usage

Pending disclosure review, information on last place of residence is used to code last sub-borough area of residence to align with legacy items administered in 2002 and 2005. More granular information will remain part of the Internal Use File (IUF) only.

Household Composition of Last Home	Item	Variable name	Data file
Person lived with respondent before	M11	LAST_PERSON_P2-LAST_PERSON_P15	Occupied
Confirm persons not at last address	M12	LAST_CONFIRM	Occupied
Household size at last home	M13	LAST_HHSIZE	Occupied

Which of the people who live with you now also lived with you at your last place?

2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Just to confirm, the following people did not live with you at your last place?
[Person X]
[Person X]
[Person X]

1. Yes
2. No

Just before you moved out, how many people lived at your last place, including you?

Enter Number _____

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

LAST_PERSON_P*   This item is asked about each person in the household that did not come from a homeless situation (LASTHOMELESS_P[Person]=2) when the household comprises more than one person (HHSIZE>1).

LAST_CONFIRM   This is asked of respondents where any person in the sampled unit did

---

not live with the respondent at last place of residence
(LAST_PERSON_P* = 2).

LAST_HHSIZE   This item is asked of respondents that were not homeless or in a
                     temporary living situation prior to living at sampled unit
                     (LAST_HOMELESS_P1 = 2).

Source(s)	American Housing Survey (AHS)

[FIRST] Which people moved here from the first previous residence? Start with the previous residence from which the most people moved.	Enter the line number of all people who moved from the first previous residence, separate with commas Make sure that all persons mentioned, and no one else moved from the residence. Correct if necessary.
[XPER] How many people lived in that household just before the move?	(Enter household size)

NYCHVS History	N/A

Rationale

Stakeholder review resulted in the inclusion a list of current household members that lived at the last address, as well as the total number of people that lived at the last address. This information is useful in examining residential instability, family formation, and changes in relationship status over time.

Recode Usage

N/A

Comparison of Last / Current Home	Item	Variable name	Data file
Comparison to last home (cost)	M21	LASTCOMP_COST	Occupied
Comparison to last home (quality)	M24	LASTCOMP_QUAL	Occupied
Comparison to last home (size)	M25	LASTCOMP_SIZE	Occupied

Which place cost less? Where you live now or your previous home?

1. Current home
2. Previous home
3. About the same

Which place was in better physical condition?

1. Current home
2. Previous home
3. About the same

Which place was bigger?

1. Current home
2. Previous home
3. About the same

Scripting

Before LASTCOMP_COST:
I'd like to ask you some questions about how your previous place compared with your current [apartment/house].

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

LASTCOMP_COST   This item is asked of respondents who moved into the sampled unit in the last 10 years from somewhere else in NYC (YEARSSINCEMOVEIN1 <=10 and LASTLOCATION = 1).

LASTCOMP_QUAL   This item is asked of respondents who moved into the sampled unit in the last 10 years from somewhere else in NYC (YEARSSINCEMOVEIN1 <=10 and LASTLOCATION = 1).

LASTCOMP_SIZE   This item is asked of respondents who moved into the sampled unit in the last 10 years from somewhere else in NYC (YEARSSINCEMOVEIN1 <=10 and LASTLOCATION =

1).

Source(s)	American Housing Survey (AHS)

[XHRATE] Is this ^HTYPEFILL better, worse, or about the same as your last home?

1. Better
2. Worse
3. About the same

[XCOST] When ^you moved, did ^your housing costs increase, decrease, or stay about the same, including utilities and ^mort_rent.

1. Increase
2. Decrease
3. Stayed about the same

NYCHVS History   N/A

Rationale

Stakeholders expressed interest in gathering information about residential trajectories and mobility patterns. The NYCHVS collects information about location, but these items supplement those data by providing perceptions of how the current home compares to the last. This information may be used on its own or in combination with other information on residential history.

Recode Usage

N/A

Eviction	Item	Variable name	Data file
Housing court action	M18.1	LASTEVICTION	Occupied
Result at housing court	M18	LASTEVICTIONACTION	Occupied
Eviction from last home		LASTEVICTIONACTION_END	Occupied

Did the landlord ever start an eviction proceeding against [you/you or people that lived with you]? You may have received something like this.

[Show Flashcard X]

1. Yes
2. No

What was the result of that eviction proceeding?

1. Settled or discontinued and continued to live there
2. Evicted
3. Settled by leaving
4. Took payment for leaving
5. Other

An eviction is when your landlord forces you to move when you don't want to. Were [you/ you or a person you were staying with] evicted?

1. Yes
2. No

A landlord might force you to move because you didn't pay your rent, because you damaged the property, or for any number of other reasons. Sometimes a landlord gives you a paper, or tapes a paper to your door, saying you have to move. Sometimes you go to court; other times you don't. Whatever the case, an eviction happens when you move out because a landlord makes you.

Scripting

Before EVICTION and EVICTIONACTION:
Still thinking about the last place you lived...

Interviewer Notes and Optional Text

LASTEVICTION_END   IF NEEDED: If there were multiple, please think of the most recent eviction proceeding.

Administration (Universe Description)

LASTEVICTION   This item is asked of respondents who reported renting the last place they lived and moved into the sampled unit in the last 10 years (RENTER = 1 and YEARSSINCEMOVEIN1 <=10 and LASTLOCATION = 2).

LASTEVICTIONACTION   This item is asked of respondents who reported renting the
                            last place they lived and moved into the sampled unit in the
                            last 10 years (YEARSSINCEMOVEIN1 <=10 and
                            LASTLOCATION = 2).

LASTEVICTIONACTION_END   This item is asked of respondents who reported having an
                            eviction proceeding at the last place they lived
                            (LASTEVICTIONACTION = 1).

Source(s)	American Housing Survey (AHS)

Did you, or a person you were staying with,   1. Yes
receive an eviction notice while living at this   2. No
place?

After you received the eviction notice did you, or a   1. Yes
person you were staying with, go to court?   2. No

When you went to court were you, or a person   1. Yes
you were staying with, ordered to move?   2. No

(After you received the eviction notice,) did you or   1. Yes
a person you were staying with move away from   2. No
this place before going to court?

Did you, or a person you were staying with, work   1. Yes
something out with your landlord?   2. No

Did you move away from this place because your   1. Yes
landlord told you, or a person you were staying   2. No
with, to leave?

Source(s)	Milwaukie Area Renters Study (MARS)

An eviction is when your landlord forces you to   1. Yes
move when you don't want to. Were [you/ you or a   2. No
person you were staying with] evicted?

A landlord might force you to move because you
didn't pay your rent, because you damaged the
property, or for any number of other reasons.
Sometimes a landlord gives you a paper, or tapes
a paper to your door, saying you have to move.
Sometimes you go to court; other times you don't.
Whatever the case, an eviction happens when
you move out because a landlord makes you.

NYCHVS History	N/A

Rationale

Stakeholder and expert review identified the need to collect information about eviction from the last place lived as a means of examining the prevalence of housing court actions and displacement. Although several studies have integrated the item from MARS or a similar question, expert review suggests that self-report may be inaccurate, and that the definition of eviction used in the MARS question is not consistent with eviction in New York City. For this reason, an alternative question was developed that more precisely defines an eviction proceeding, including visual cues of common court documents that respondents receive in New York City.

Recode Usage

N/A

Housing Search			
Residential Mobility	**Item**	**Variable name**	**Data file**
Planning to move	M34	PLANMOVE	Occupied
Desire to remain in neighborhood	M36	MOVEINNABE	Occupied
Will remain in neighborhood	M36.1	MOVEINNABE_RATE	Occupied

Are you planning to move in the next 2 years?

1. Yes
2. No

If you could, would you prefer to move within your current neighborhood or move to a different neighborhood?

1. Stay in neighborhood
2. Move to another neighborhood in New York City
3. Move out of New York City
4. No preference

On a scale of 1-10, when 1 is very unlikely and 10 is very likely, do you think you will move to another home in your current neighborhood?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

PLANMOVE   This item is asked of all respondents in occupied units.

MOVEINNABE   This item is asked of respondents who reported planning to move in the next two years (PLANMOVE=1).

MOVEINNABE_RATE   This item is asked of respondents who reported planning to move in the next two years (PLANMOVE=1).

Source(s)   N/A

Rationale

Stakeholders expressed an interest in gathering more information about residential instability and mobility. These questions were added to facilitate dependent interviewing in future cycles of the NYCHVS whereby the same sampled units are revisited and data will be collected on whether respondents who indicated that they planned to move were able to do so. Information about the desire to move within the same neighborhood and the likelihood of doing so may be used in combination with previous moves and perceptions of neighborhood quality and change.

Recode Usage

N/A

Neighborhood Safety	Item	Variable name	Data file
Safety on street at night	N4	SAFETY_RATE	Occupied

On a scale of 1-10, when 1 is very unsafe and 10 is very safe, how safe are the streets around your [apartment/ house] at night?	1. 1 2. 2 3. 3 4. 4 5. 5 6. 6 7. 7 8. 8 9. 9 10. 10

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

SAFETY_RATE   This item is asked of all respondents in occupied units.

Source(s)	Project on Human Development in Chicago Neighborhoods (PHDCN)

How safe are the streets around your home at night? Would you say they are very safe, safe, unsafe, or very unsafe?	1. Very safe 2. Safe 3. Unsafe 4. Very unsafe

NYCHVS History	N/A

Rationale

Based on feedback from translation experts and advance translation, all scales throughout the NYCHVS have been changed to 1 to 10, even when the original answer choices were structured as a Likert-type scale.

Stakeholder review indicated that neighborhood safety was an important dimension of neighborhood quality that users would like to examine. These questions were selected based on expert review of existing questions.

Recode Usage

N/A

Renter Costs			
Rental Assistance	**Item**	**Variable name**	**Data file**
Rental assistance (voucher)	B52.1	RENTASSIST_SEC8	Occupied
Rental assistance (shelter)	B52.1	RENTASSIST_SA	Occupied
Rental assistance (SCRIE/DRIE)	B52.1	RENTASSIST_RIE	Occupied
Rental assistance (other)	B52.1	RENTASSIST_OTHER	Occupied
No rental assistance reported	B52.1	RENTASSIST_NONE	Occupied
Applied to housing lottery	B56	LOTTERY_RENTER	Occupied
Income restricted unit	B56.1	INCOMEQUALIFY_RENTER	Occupied
Rent paid by someone else	B50	RENTOUTSIDE	Occupied

Is any part of the rent for your [apartment/house] paid by any of the following rental assistance programs? [INTERVIEWER: Show Response Card B52.1]	1. Section 8/Housing Choice Voucher 2. Shelter Allowance/CityFHEPS 3. SCRIE/DRIE 4. Other assistance that pays part of your rent 5. None Don't Know (Specify Person # to answer)
Did you or anyone you live with apply to a housing lottery to get your [apartment/house]?	1. Yes 2. No Don't Know (Specify Person # to answer)
[Separate from [rental assistance program], did/Did] you or anyone you live with have to show that your income was BELOW a certain amount to get your [apartment/house]?	1. Yes 2. No Don't Know (Specify Person # to answer)
Is any part of the rent for your [apartment/house] paid by a person who doesn't live with you or directly by an employer?	1. Yes 2. No Don't Know (Specify Person # to answer)

Scripting

Before RENTASSIST_*:
I'm now going to ask you some questions about your rental costs.

Interviewer Notes and Optional Text

RENTASSIST_*   Interviewer Note: Include alternate payments, such as a
                                reduction in property taxes as payment.

                                IF NEEDED: That includes to [you/ you or someone you
                                live with] or directly to the landlord.

INCOMEQUALIFY_RENTER   If Needed: This may have been to your building's
                                developer or to a housing agency, such as HPD or HDC.

Administration (Universe Description)

RENTASSIST_*   This item is asked of all renters in occupied units.

LOTTERY_RENTER   This item is asked of all renters in occupied units.

INCOMEQUALIFY_RENTER   This item is asked of all renters in occupied units.

RENTOUTSIDE   This item is asked of all renters in occupied units.

Source(s)   N/A

NYCHVS History   Edits to legacy items (below)
                       1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is any part of the monthly rent for this apartment
(house) paid by any of the following government
programs, either to a member of this household or
directly to the landlord?

Federal Section 8 certificate or voucher program   1. Yes
                                                      2. No

Senior Citizen Rent Increase Exemption (SCRIE)   1. Yes
                                                      2. No

Public assistance shelter allowance   1. Yes
                                                      2. No

Another Federal housing subsidy program   1. Yes
                                                      2. No

Another state or city housing subsidy program   1. Yes
                                                      2. No

Rationale

Stakeholder review and pretesting flagged issues with the legacy forms of these items. The legacy items' implied reference period (now) was changed based on recommendations to make reference periods explicit throughout the questionnaire. This change impacted multiple questions throughout the NYCHVS. Because of variability in the timing of when rents are due within a given month, "last month" was selected as the reference period of choice to ensure a complete reference period.

Program names were updated and information on housing lotteries and income qualification support further classifications based on a combination of self-report and administrative records.

Recode Usage

These items are used in several recodes and logical edits.

Rental Costs	Item	Variable name	Data file
Pays fees	N3.2	RENTFEES	Occupied
Amount of fees	N3.3	RENTFEES_AMOUNT	Occupied
Contract rent	N3.1	RENT_AMOUNT	Occupied
Rent due to owner	N3.61	RENTPAID	Occupied
Amount paid	N3.62	RENTPAID_AMT	Occupied

Some landlords charge fees in addition to rent, such as for a dishwasher or a pet. Do [you/you or anyone you live with] pay any fees apart from your rent?	1. Yes 2. No Don't Know (Specify Person # to answer)
How much are the monthly fees for the [apartment/house]?	Enter Dollar Amount: $ _____ Don't Know (Specify Person # to answer)
Last month, how much was the rent for your [apartment/house], [including any fees]?	Enter Dollar Amount: $ _____ Don't Know (Specify Person # to answer)
Last month, was [fill sum of RENT_AMOUNT and RENTFEES_AMOUNT / fill RENT_AMOUNT] the amount paid to the landlord [?/ , including rental assistance programs?/ , including any outside sources?/ , including any rental assistance programs and outside sources?]	1. Yes 2. No Don't Know (Specify Person # to answer)
How much was paid to the landlord last month for the [apartment/ house] [?/ , including rental assistance programs?/ , including any outside sources?/ , including any rental assistance programs and outside sources?]	Enter Dollar Amount: $ _____ Don't Know (Specify Person # to answer)

Scripting

Before RENTFEES:
[These next questions will ask about your rent. Please include amounts paid by [rental assistance programs/outside sources/rent assistance programs and outside sources].

Interviewer Notes and Optional Text

RENTFEES	Interviewer Note: Do not include temporary fees, such as a late fee.

RENTFEES_AMOUNT   Enter the total amount owed, including any fees

---

Administration (Universe Description)

RENTFEES   This item is asked of all renters in occupied units
                           (RENTER=1).

RENTFEES_AMT   This item is administered if respondent reports paying
                           fees (RENTFEES=1).

RENT_AMOUNT   This item is asked of all renters in occupied units
                           (RENTER=1).

RENTPAID   This item is asked of all renters in occupied units
                           (RENTER=1).

RENTPAID_AMT   This item is asked if the respondent said that the amount
                           paid was different than the amount owed last month
                           (RENTPAID=2).

Source(s)   N/A

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What is the MONTHLY rent?   Enter Amount $_____

Rationale

Additional questions were added to ensure comprehensive information. Pretesting showed that some tenants pay fees either as part of their rent payment or separately. The legacy form of the question did not ask explicitly about fees and therefore it is unclear whether these amounts were included in the general question, "What is your monthly rent?".

Previously, the NYCHVS captured the amount paid using a single item, "Of the (amount from question 30 above) rent you reported, how much is paid out of pocket by this household?" Pretesting showed that this question was difficult for some respondents to answer. Households that paid more than the "monthly rent" were unable to answer the question as phrased. The lack of reference period also caused confusion for households that were currently paying less than the "monthly rent" due to a court order, rent reduction, or because they did not have enough money to pay the full amount.

Recode Usage

These items are used in several recodes, including contract rent burden, receipt of rental assistance, and out-of-pocket rent. Additional recodes related to rental costs may be available in future cycles of the NYCHVS.

Why Different Rent Paid	Item	Variable name	Data file
Less rent (no money)	N3.7	LESSRENT_REAS_NOMONEY	Occupied
Less rent (withheld rent)	N3.7	LESSRENT_REAS_ESCROW	Occupied
Less rent (rent assistance)	N3.7	LESSRENT_REAS_PROGRAM	Occupied
Less rent (court order)	N3.7	LESSRENT_REAS_COURT	Occupied
Less rent (other)	N3.7	LESSRENT_REAS_OTH	Occupied
More rent (court order)	N3.71	MORERENT_REAS_COURT	Occupied
More rent (back rent)	N3.71	MORERENT_REAS_PASTRENT	Occupied
More rent (fees)	N3.71	MORERENT_REAS_FEES	Occupied
More rent (rent increase)	N3.71	MORERENT_REAS_RENO	Occupied
More rent (paid in advance)	N3.71	MORERENT_REAS_ADV	Occupied
More rent (other)	N3.71	MORERENT_REAS_OTH	Occupied

Which of the following describes why you paid less last month?

Check all that apply.

Interviewer Instruction: Show Flashcard XXXX

1. There was not enough money to pay what was due
2. Payment was withheld because of poor conditions in the apartment/ house
3. The rental assistance program that pays rent did not send any/all of the payment
4. A court or housing agency lowered the rent
5. Another reason

Which of the following describes why you paid more last month?

Check all that apply.

Interviewer Instruction: Show Flashcard XXXX

1. A court or housing agency increased the rent
2. Rent due from previous months
3. Additional/ temporary fees
4. Rent increase from work done to the building/ apartment
5. Rent paid in advance
6. Another reason

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

LESSRENT_REAS_NOMONEY   This item is administered if the respondent reported
LESSRENT_REAS_ESCROW   paying a lesser amount in rent than what was due last
LESSRENT_REAS_PROGRAM   month (RENTPAID_AMT<RENT_AMOUNT).
LESSRENT_REAS_COURT
LESSRENT_REAS_OTH

MORERENT_REAS_COURT   This item is administered if the respondent reported
MORERENT_REAS_PASTRENT   paying more in rent than what was due last month
MORERENT_REAS_FEES   (RENTPAID_AMT>RENT_AMOUNT).
MORERENT_REAS_RENO
MORERENT_REAS_ADV
MORERENT_REAS_OTH

Source(s)   N/A

NYCHVS History   N/A

Rationale

Previously, the NYCHVS captured the amount paid using a single item, "Of the (amount from
question 30 above) rent you reported, how much is paid out of pocket by this household?"
Pretesting showed that this question was difficult for some respondents to answer. Households
that paid more than the "monthly rent" were unable to answer the question as phrased. The lack
of reference period also caused confusion for households that were currently paying less than
the "monthly rent" due to a court order, rent reduction, or because they did not have enough
money to pay the full amount. For these reasons, questions were added to capture the amount
paid to the landlord and reasons why the rent paid was more or less than what was due last
month.

Recode Usage

These items are used in several recodes, including contract rent burden, receipt of rental
assistance, and out-of-pocket rent. Additional recodes related to rental costs may be available in
future cycles of the NYCHVS.

Rent Contributions	Item	Variable name	Data file
Rental assistance	B49	RENTASSIST_AMOUNT	Occupied
Someone outside household	B51	RENTOUTSIDE_AMOUNT	Occupied
Out of pocket paid by persons	B53	RENTPAID_P1-RENTPAID_P15	Occupied
Confirmation of rent paid	B58	RENTPAID_CONF	Occupied

How much of last month's rent was paid by [this rental assistance program/ these rental assistance programs]?

Enter Dollar Amount:
$ _____
Don't Know (Specify Person # to answer)

How much of last month's rent was paid by those outside sources?

Enter Dollar Amount:
$ _____
Don't Know (Specify Person # to answer)

How much of last month's rent was paid by [person/you]?

Enter Dollar Amount:
$ _____
Don't Know (Specify Person # to answer)

All of these amounts don't seem to add up to what [you/ you and the people you live with] paid last month. Let's go back and make sure what I have is right.

Scripting

Before RENTASSIST_AMOUNT:
These next questions will ask about the [programs and people/people] that helped to pay the rent. Earlier you said some of your rent was paid by [fill from answers to RENTASSIST]

Before RENTOUTSIDE_AMOUNT:
Earlier you said some of your rent was paid by [fill from RENTOUTSIDE]

Interviewer Notes and Optional Text

RENTASSIST_AMOUNT   Include alternate payments, such as a reduction in property taxes as payment from programs such as SCRIE or DRIE.

RENTPAID_*   If people pay rent from a joint account, split the amount evenly among contributors.

RENTASSIST_AMOUNT	This item is administered to respondents that reported receiving any rental assistance (RENTASSIST_NONE <> 1).
RENTOUTSIDE_AMOUNT	This item is administered to respondents that reported receiving rent from someone outside the household or from an employer (RENTOUTSIDE=1).
RENTPAID_P*	This item is looped for each person age 15 or older in the household (ADULT[PERSON]=1).
RENTPAID_CONF	This item is read if the sum of the amounts paid by all sources is different than the total amount paid last month (RENTPAID_P* + RENTASSIST_AMOUNT + RENTOUTSIDE_AMOUNT <> RENTPAID_AMT).

Source(s)   N/A

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Of the (amount from question 30 above) rent you reported, how much is paid out of pocket by this household?	Enter Amount $_____

Rationale

Some users imputed the value of rental assistance by taking the difference between the "monthly rent" and the total amount paid; however, pretesting showed that some tenants receive contributions to the rent that fall outside of the legacy list of rental assistance, such as through employer programs or help from a family member. Subject matter experts determined that these were important data that should be captured directly. These edits were deemed particularly important given stakeholder concerns about respondents that reported a "monthly rent" that was greater than the household's monthly income (i.e., a rent burden of 100% or more).

Pretesting also showed that many respondents may be unable to accurately report on the contributions of other household members (e.g., roommates) and that reporting only a total amount paid by the "household" was cognitively burdensome. For this reason, the NYCHVS now asks how much was paid by each adult. When the respondent is unable to answer on behalf of another member of the household, field representatives will seek to gather than information directly from that individual, either at the time of the face-to-face interview or as a follow-up by phone.

Recode Usage

These items are used in several recodes, including contract rent burden, receipt of rental assistance, and out-of-pocket rent. Additional recodes related to rental costs may be available in future cycles of the NYCHVS.

Inability to Pay Rent	Item	Variable name	Data file
Rent was paid late	B58.6	LATERENT	Occupied
How many times rent was late	B58.65	LATERENT_NUM	Occupied
Alternative payment (credit)	B58.7	RENTPAIDBY_CREDIT	Occupied
Alternative payment (savings)	B58.7	RENTPAIDBY_SAVINGS	Occupied
Alternative payment (loan)	B58.7	RENTPAIDBY_LOAN	Occupied
Alternative payment (sale)	B58.7	RENTPAIDBY_ASSET	Occupied
Alternative payment (none)	B58.7	RENTPAIDBY_NONE	Occupied
Rent by credit paid same month	B58.7	RENTCREDIT_PAIDOFF	Occupied

In the last year, were [you/ you and the people you live with] ever late paying the rent because you didn't have enough money at the time?

1. Yes
2. No

How many times were [you/ you and the people you live with] late paying the rent in the last year?

Enter Number _____

In the last year, did [you/you and the people you live with] pay all or part of the rent by doing any of the following:

[INTERVIEWER: Show Response Card B58.7]

Check all that apply

1. Charged a credit card
2. Paid out of savings
3. Borrowed money
4. Sold something
5. None of the above

Was the credit card paid off in the same month?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

LATERENT	This item is asked of respondents that did not report paying less than the total rent due last month because they did not have enough money at the time (LESSRENT_REAS_NOMONEY<> 1).
LATERENT_NUM	This item is asked of respondents that reported being late paying the rent in the last year (LATERENT=1).
RENTPAIDBY_CREDIT RENTPAIDBY_SAVINGS RENTPAIDBY_LOAN RENTPAIDBY_ASSET RENTPAIDBY_NONE	This item is asked of all renters in occupied units.
RENTCREDIT_PAIDOFF	This item is asked of respondents who reported paying rent with a credit card (RENTPAIDBY_CREDIT=1).

Source(s)	N/A

NYCHVS History	N/A

Rationale

Stakeholders expressed interest in gathering information about displacement and the risk of displacement, including evictions. The NYCHVS will gather self-reported information on housing court activities for both last address (if the respondent was a renter) and current address. These data may be used as is or in conjunction with administrative records in the IUF. Questions on late payments and housing court proceedings were adapted from the NYC Housing and Neighborhood Study (NYCHANS), an in-person interview conducted with low-income New Yorkers.

An item on ways rent gets covered serves as a valuable indicator for households that may be at risk of falling behind on rent and being evicted. It also provides additional information for households that may otherwise seem like they are paying more in rent than they have in income. While it may initially seem impossible, this item can tell researchers whether respondents are going in debt or selling items to get by.

Recode Usage

N/A

Owner Costs			
Homeownership	**Item**	**Variable name**	**Data file**
Persons who own unit	B43	OWNER_P1-OWNER_P15	Occupied
First time homeowner	B34	FIRSTTIMEOWNER	Occupied
Year acquired	B44	PURCHASEYEAR	Occupied
Purchase price	B2	PURCHASEPRICE	Occupied
Down payment amount	B3	DOWNPAY_AMT	Occupied

Who currently owns the [apartment/house]?

Check all that apply

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15
100. Co-owned by someone outside of the household

Don't Know (Specify Person # to answer)

[Have you/ Have you or Person*/Has Person*/ Have Person* or Person*] owned an apartment or house before?

1. Yes
2. No

In what year did [you/you and Person*/Person*/Person* and Person*] [buy/inherit] the [apartment/ house]?

Enter Year _____
Don't Know (Specify Person # to answer)

What was the purchase price of the [apartment/ house]?

Enter Amount
$_____
Don't Know (Specify Person # to answer)

What was the down payment for the [apartment/ house]?	Enter Amount $_____ Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

PURCHASEPRICE	Interviewer Note: Record actual purchase price and not current market value
DOWNPAY_AMOUNT	Interviewer Note: If no down payment, enter $0 READ IF NEEDED: What was the total down payment from all sources? Your best guess is fine.

Administration (Universe Description)

OWNER_P*	This item is asked of all owners in occupied units (OWNER=1).
FIRSTTIMEOWNER	This item is asked of all owners in occupied units (OWNER=1).
PURCHASEYEAR	This item is asked of all owners in occupied units (OWNER=1).
PURCHASEPRICE	This item is asked of owners that did not inherit the unit (INHERIT=2).
DOWNPAY_AMT	This item is asked of owners that did not inherit the unit (INHERIT=2).

Source(s)	American Housing Survey NYCHVS

Is this the first home ^you_any have ever owned?	1. Yes 2. No

What was the purchase price for this apartment (house)?	$ _____ .00 Don't know

What was the down payment for this apartment (house)?	$ _____ .00 Don't know

---

NYCHVS History   Edits to legacy items (below)

In what year did . . . (reference person) acquire this apartment (house)?

Enter Year _____

What was the purchase price of the [apartment/ house]?

Enter Amount
$_____

What was the down payment for this apartment (house)?

Enter Amount
$_____

Rationale

In the past, the NYCHVS asked about acquisition of the house, rather than purchase, to include respondents who rented the home prior to conversion / purchase. Pretesting showed that some respondents were confused by this terminology. For increased precision in data related to homeownership, the NYCHVS will instead ask about year the unit was purchased. Information on respondents who lived in the unit prior to purchase is still available by combining year of purchase with year moved into the unit.

Recode Usage

N/A

Program Participation	Item	Variable name	Data file
Downpay. assistance (NYC)	B4	HELPDOWNPAY_NYCPROG	Occupied
Downpay. assistance (Fed)	B4	HELPDOWNPAY_FEDPROG	Occupied
Downpay. assistance (Fed loan)	B4	HELPDOWNPAY_FEDLOAN	Occupied
Downpay. assistance (CBO)	B4	HELPDOWNPAY_NONPROF	Occupied
Downpay. assistance (gift)	B4	HELPDOWNPAY_GIFT	Occupied
Downpay. assistance (none)	B4	HELPDOWNPAY_NONE	Occupied
Applied to housing lottery	B56.2	LOTTERY_OWNER	Occupied
Income restricted	B56.11	INCOMEQUALIFY_OWNER	Occupied

Did any of the following help with the down payment? Check all that apply [INTERVIEWER: Show Response Card B4]	1. NYC program or grant 2. Federal program or grant 3. Federal homebuyer loan 4. Non-Profit assistance 5. Gift or personal loan 6. None
Did you or anyone you live with apply to a housing lottery to get your [apartment/house]?	1. Yes 2. No
[Separate from any down payment assistance, did/Did] you or anyone you live with have to show that your income was BELOW a certain amount to get your [apartment/house]?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

INCOMEQUALIFY_OWNER   If Needed: This may have been to your building's developer or to a housing agency, such as HPD or HDC.

Administration (Universe Description)

HELPDOWNPAY_NYCPROG   This item is asked of owners that were first time homeowners
HELPDOWNPAY_FEDPROG   that reported paying a down payment (DOWNPAY_AMT>0).
HELPDOWNPAY_FEDLOAN

HELPDOWNPAY_NONPROF
HELPDOWNPAY_GIFT
HELPDOWNPAY_NONE

LOTTERY_OWNER	This item is asked of all owners in occupied units (OWNER=1).
INCOMEQUALIFY_OWNER	This item is asked of all owners in occupied units (OWNER=1).

Source(s)	N/A

NYCHVS History	N/A

Rationale

Stakeholders expressed interest in knowing about first time homeownership as well as down payment assistance. To support these user groups, an item on first time homeownership has been adapted from the AHS and a new question about local, federal, or other down payment assistance was developed.

Information on housing lotteries and income qualification are used to categorize different types of subsidized housing using a combination of self-report and administrative records.

Recode Usage

N/A

Housing Debt Type	Item	Variable name	Data file
First mortgage	B8	HDEBT_FIRSTMORT	Occupied
Second mortgage	B8	HDEBT_SECONDMORT	Occupied
HELOC	B8	HDEBT_HELOC	Occupied
Home equity loan	B8	HDEBT_HOMEEQUITY	Occupied
Reverse mortgage	B8	HDEBT_REVMORT	Occupied
Other housing debt	B8	HDEBT_OTHER	Occupied
No mortgage	B8	HDEBT_NONE	Occupied
Confirmation of no mortgage	B46	HDEBT_NONE_CONF	Occupied
HELOC value	B28	HDEBT_HOMEEQUITY_LIMIT	Occupied

Which of the following [do you/do you and Person*/does Person*/do Person* and Person*] have? Check all that apply [INTERVIEWER: Show Response Card B8]	1. First Mortgage 2. Second Mortgage 3. Home Equity Line of Credit 4. Home Equity Loan 5. Reverse Mortgage 6. Something else 7. None of these Don't Know (Specify Person # to answer)
Just to confirm, there is no current mortgage for the [apartment/house]. Is that correct?	1. Yes 2. No Don't Know (Specify Person # to answer)
What is the total credit limit on the HELOC?	Enter Amount $_____ Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

HDEBT_*	Interviewer Note: Do not include commercial mortgages
HDEBT_HOMEEQUITY_LIMIT	IF NEEDED: By HELOC, I mean a Home Equity Line of Credit

Administration (Universe Description)

OWNER_P*	This item is asked of all owners in occupied units (OWNER=1).
HDEBT_NONE_CONF	This item is used to confirm respondents that reported having no first or second mortgage (HDEBT_FIRSTMORT <> 1 and HDEBT_SECONDMORT <> 1).
HDEBT_HOMEEQUITY_LIMIT	This item is asked of respondents that reported having a Home Equity Line of Credit (HDEBT_HOMEEQUITY_LIMIT=1).

Source(s)   American Housing Survey

What is your total credit limit on the line of credit for the Fill from NUMMORTG mortgage or loan Month that the mortgage was obtained The Year Mortgage was obtained?	Round to the nearest whole dollar Enter 9999998 for $9,999,998 or more

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is there a mortgage, home equity loan, or similar loan on this apartment (house) or is this apartment (house) owned free and clear?	1. Mortgage, Home Equity, or similar loan 2. Owned free and clear

Rationale

Stakeholders identified an ongoing need for information on homeownership debt and risks of displacement, including foreclosure. They also expressed interest in housing wealth and equity. The legacy items in the NYCHVS provide information on overall costs, but lack granularity by type of loan. Pretesting showed that when there is more than one type of debt it is difficult for respondents to answer questions that ask about the overall costs across loans. For these reasons, the NYCHVS will follow the same structure used in the AHS which loops questions by each loan.

Additional items, including reverse mortgage and refinance, were added to ensure comprehensive information about homeownership behavior in New York City which is either not available through other sources or is not available along with other data collected in the NYCHVS, such as demographics, household composition, and housing quality.

Recode Usage

N/A

Housing Debt Costs	Item	Variable name	Data file
Payment (first mortgage)	B9	PAY_FIRSTMORT	Occupied
Payment (second mortgage)	B9	PAY_SECONDMORT	Occupied
Payment (HELOC)	B9	PAY_HELOC	Occupied
Payment (home equity loan)	B9	PAY_HOMEEQUITY	Occupied
Payment (other home debt)	B9	PAY_OTHER	Occupied
Frequency (first mortgage)	B12	FREQPAY_FIRSTMORT	Occupied
Frequency (second mortgage)	B12	FREQPAY_SECONDMORT	Occupied
Frequency (HELOC)	B12	FREQPAY_HELOC	Occupied
Frequency (home equity loan)	B12	FREQPAY_HOMEEQUITY	Occupied
Frequency (other home debt)	B12	FREQPAY_OTH	Occupied
Other payment plan	B13	FREQPAYOTH_FIRSTMORT-FREQPAYOTH_OTH	Occupied

How much was the most recent payment for the [LOAN]?

Enter Amount
$_____
Don't Know (Specify Person # to answer)

How often [do you/do you and Person*/does Person*/do Person* and Person*] make a payment on the [LOAN]?

1. Once a month
2. Twice a month
3. Every two weeks
4. Something else (specify)

Specify how often [you/you and Person*/Person*/Person* and Person*] make a payment on the [LOAN].

Enter Frequency

_____
Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

PAY_*   IF NEEDED: The last payment amount that was due.

Administration (Universe Description)

PAY_FIRSTMORT	This item is asked of owners that reported having a first mortgage (HDEBT_FIRSTMORT=1).
PAY_SECONDMORT	This item is asked of owners that reported having a second mortgage (HDEBT_SECONDMORT=1).
PAY_HELOC	This item is asked of owners that reported having a home equity line of credit (HDEBT_HELOC=1).
PAY_HOMEEQUITY	This item is asked of owners that reported having a home equity loan (HDEBT_HOMEEQUITY=1).
PAY_OTHER	This item is asked of owners that reported having another type of housing debt (HDEBT_OTHER=1).
FREQPAY_FIRSTMORT	This item is asked of owners that reported having a first mortgage (HDEBT_FIRSTMORT=1).
FREQPAY_SECONDMORT	This item is asked of owners that reported having a second mortgage (HDEBT_SECONDMORT=1).
FREQPAY_HELOC	This item is asked of owners that reported having a home equity line of credit (HDEBT_HELOC=1).
FREQPAY_HOMEEQUITY	This item is asked of owners that reported having a home equity loan (HDEBT_HOMEEQUITY=1).
FREQPAY_OTH	This item is asked of owners that reported having another type of housing debt (HDEBT_OTHER=1).
FREQPAYOTH_*	This item is asked of owners that reported making payments on a different schedule than specified (FREQPAY_*=4).

Source(s)　　　　American Housing Survey

Looking at your statement, how much is your current payment on the Fill from NUMMORTG mortgage or loan? Include as much Principal, Interest, Taxes, and Insurance (PITI) as they pay. Round to the nearest whole dollar.

Enter 99998 for $99,998 or more For Home Equity Line of Credit where there is no balance enter a 1.

How often do you make a payment on your Fill from NUMMORTG mortgage or loan Month that the mortgage was obtained The Year Mortgage was obtained?

1. Once a month?
2. Twice a month?
3. Every two weeks?
4. Something else (specify)?

NYCHVS History　　1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What are the current monthly mortgage or loan payments on this apartment (house)? Include payments on first, second, home equity loan, and any other mortgages.

Enter Amount:
$_____

Rationale

Stakeholders identified an ongoing need for information on homeownership debt and risks of displacement, including foreclosure. They also expressed interest in housing wealth and equity. The legacy items in the NYCHVS provide information on overall costs, but lack granularity by type of loan. Pretesting showed that when there is more than one type of debt it is difficult for respondents to answer questions that ask about the overall costs across loans. For these reasons, the NYCHVS will follow the same structure used in the AHS which loops questions by each loan.

Additional items, including reverse mortgage and refinance, were added to ensure comprehensive information about homeownership behavior in New York City which is either not available through other sources or is not available along with other data collected in the NYCHVS, such as demographics, household composition, and housing quality.

Recode Usage

N/A

Principle and Interest	Item	Variable name	Data file
Remaining (first mortgage)	B10	TOTAL_FIRSTMORT	Occupied
Remaining (second mortgage)	B10	TOTAL_SECONDMORT	Occupied
Remaining (HELOC)	B10	TOTAL_HELOC	Occupied
Remaining (home equity loan)	B10	TOTAL_HOMEEQUITY	Occupied
Rate (first mortgage)	B11	INT1_FIRSTMORT	Occupied
Rate (second mortgage)	B11	INT1_SECONDMORT	Occupied
Rate (HELOC)	B11	INT1_HELOC	Occupied
Rate (home equity loan)	B11	INT1_HOMEEQUITY	Occupied
Rate (home equity loan)	B11	INT1_OTHER	Occupied
Rate 2 (first mortgage)	B14	INT2_FIRSTMORT	Occupied
Rate 2 (second mortgage)	B14	INT2_SECONDMORT	Occupied
Rate 2 (HELOC)	B14	INT2_HELOC	Occupied
Rate 2 (home equity loan)	B14	INT2_HOMEEQUITY	Occupied
Rate 2 (home equity loan)	B14	INT2_OTHER	Occupied
Fixed rate (first mortgage)	B15	FIXED_FIRSTMORT	Occupied
Fixed rate (second mortgage)	B15	FIXED_SECONDMORT	Occupied
Fixed rate (HELOC)	B15	FIXED_HELOC	Occupied
Fixed rate (home equity loan)	B15	FIXED_HOMEEQUITY	Occupied
Fixed rate (home equity loan)	B15	FIXED_OTHER	Occupied

What is the outstanding principle balance on the [LOAN]?

Enter Amount
$_____
Don't Know (Specify Person # to answer)

What is the current interest rate on the [LOAN]?

Enter %

_____
Don't Know (Specify Person # to answer)

(What is the interest rate on the [LOAN] - Fraction)

0. 0 - no fraction
1. 1/8 (.125%)

	2. 1/4 (.25%)
Round down to nearest 1/8 percent	3. 3/8 (.375%)
	4. 1/2 (.5%)
	5. 5/8 (.625%)
	6. 3/4 (.75%)
	7. 7/8 (.875%)
	Don't Know (Specify Person # to answer)

Is the interest rate fixed?	1. Yes
	2. No
	Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

TOTAL_*	IF NEEDED: If it would help, you can look at your statement or account.
	Interviewer note: For Home Equity Line of Credit where there is no balance enter a 0.
INT1_* INT2_*	Interviewer note: For Home Equity Line of Credit where there is no balance enter a 1.
	Interviewer note: For example, 6 1/4%: Enter whole number 6 for HODEBT_*_INT1 and the fraction for HODEBT_*_INT2
	For HODEBT_*_INT2, round down to nearest 1/8 percent
FIXED_*	Interviewer Note: Fixed interest for the life of the loan. Answer "No" if resident has an Adjustable Rate Mortgage that id fixed for period of time only

---

Administration (Universe Description)

TOTAL_*	This item is asked of owners that reported having one or more type of home debt (HDEBT_FIRSTMORT = 1 or HDEBT_SECONDMORT = 1 or HDEBT_HELOC = 1 or HDEBT_HOMEEQUITY = 1 or HDEBT_OTHER = 1).
INT1_* INT2_*	This item is asked of owners that reported having one or more type of home debt (HDEBT_FIRSTMORT = 1 or HDEBT_SECONDMORT = 1 or HDEBT_HELOC = 1 or

---

FIXED_*	HDEBT_HOMEEQUITY = 1 or HDEBT_OTHER = 1). This item is asked of owners that reported having one or more type of home debt (HDEBT_FIRSTMORT = 1 or HDEBT_SECONDMORT = 1 or HDEBT_HELOC = 1 or HDEBT_HOMEEQUITY = 1 or HDEBT_OTHER = 1).

Source(s)	American Housing Survey

[VUNPBAL] What is the amount you still owe on this mortgage or loan? That is, what is the unpaid principal balance?

Enter $ _____

Looking at your statement, what is the current interest rate on the Fill from NUMMORTG mortgage or loan?
For example 6 1/4%: Enter whole number 6 here on this screen and the fraction on next screen For Home Equity Line of Credit where there is no balance enter a 1.

Enter % _____

(Looking at your statement, what is the interest rate on the Fill from NUMMORTG mortgage or loan? - Fraction)
Round down to nearest 1/8 percent
For Home Equity Line of Credit where there is no balance enter a 1. 0. 0 - no fraction

1. 1/8 (.125%)
2. 1/4 (.25%)
3. 3/8 (.375%)
4. 1/2 (.5%)
5. 5/8 (.625%)
6. 3/4 (.75%)
7. 7/8 (.875%)

Is the interest rate currently fixed?

1. Yes
2. No

NYCHVS History	1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

When did the most recent mortgage or loan on this apartment (house) originate?

Enter Year _____

What is the current interest rate on the most recent mortgage or loan on this apartment (house)?

Enter Interest Rate:
_____ . _____ %

Rationale

Stakeholders identified an ongoing need for information on homeownership debt and risks of displacement, including foreclosure. They also expressed interest in housing wealth and equity. The legacy items in the NYCHVS provide information on overall costs, but lack granularity by type of loan. Pretesting showed that when there is more than one type of debt it is difficult for respondents to answer questions that ask about the overall costs across loans. For these

reasons, the NYCHVS will follow the same structure used in the AHS which loops questions by each loan.

Additional items, including reverse mortgage and refinance, were added to ensure comprehensive information about homeownership behavior in New York City which is either not available through other sources or is not available along with other data collected in the NYCHVS, such as demographics, household composition, and housing quality.

Recode Usage

N/A

Other Homeowner Costs	Item	Variable name	Data file
Homeowner insurance costs	B47	HINSURE_AMT	IUF Only
Covered by flood insurance	B25	HFLOODINSURE	Occupied
Flood insurance costs	B27	HFLOODINSURE_AMT	Occupied
Property tax costs	B29	PROPTAX_AMT	IUF Only
Late mortgage payments	B29	LATEMORTGAGE	Occupied
Condo / coop fees	B5	COOPCONDOFEE	IUF Only
Assessment in last year	B6	ASSESSMENT	Occupied
Assessment amount	B7	ASSESSMENT_AMT	Occupied
SCHE / DHE	B33	SCHE_DHE	Occupied

How much did [you/you and Person*/Person*/Person* and Person*] pay for homeowner's insurance last year?	Enter Amount $_____ 888888888 Paid as part of the mortgage 999999999 No insurance Don't Know (Specify Person # to answer)
Is the [apartment/ house] covered by flood insurance?	1. Yes 2. No Don't Know (Specify Person # to answer)
How much did [you/you and Person*/Person*/Person* and Person*] pay for flood insurance last year?	Enter Amount $_____ 888888888 Paid as part of the mortgage Don't Know (Specify Person # to answer)
How much were the property taxes for your [apartment/house] last year?	Enter Amount $_____ 777777777 Paid as part of the condominium or homeowners association fees 888888888 Paid as part of the mortgage Don't Know (Specify Person # to answer)
In the last year, [were you/were you and Person*/was Person*/were Person* and Person*]	1. Yes 2. No

ever late making the regular mortgage payment because there was not enough money at the time?

Last month, what were the [condo/co-op] maintenance fees for the [apartment/ house]?	Enter Amount $_____ Don't Know (Specify Person # to answer)
In the last year, have [you/ you or anyone else you live with] paid an assessment on the [condo/co-op]?	1. Yes 2. No Don't Know (Specify Person # to answer)
Last year, how much did [you/ you or anyone else you live with] pay in assessments? This could be either all at once or smaller amounts paid over time.	Enter Amount $_____ Don't Know (Specify Person # to answer)
Are [you/you and the people you live with] receiving a Homeowner's Exemption as part of the SCHE or DHE program?	1. Yes 2. No

---

Scripting

N/A

Interviewer Notes and Optional Text

HINSURE_AMT HFLOODINSURE_AMT	Interviewer note: Do not take a monthly amount and multiply by 12. If needed, ask respondent to specify number of months
COOPCONDOFEE	Interviewer Note: Exclude payments for any mortgage (loans) on the [condo/ co-op].
ASSESSMENT	IF NEEDED: An assessment is a temporary charge that is in addition to your maintenance fees. For example, It can be used to cover a one-time expense or a major repair or improvement.
SCHE_DHE	Interviewer Note: These are programs that lower housing costs for owners of 1-3 family homes, condos, or co-ops.

Administration (Universe Description)

HINSURE_AMT   This item is asked of owners where the first household member to move in has been in the sampled unit for at least one full calendar year (OWNER = 1 and YEARSSINCEMOVEIN_MAX >=2).

HFLOODINSURE   This item is asked of all owners in occupied units (OWNER=1).

HFLOODINSURE_AMT   This item is asked of owners that reported being covered by flood insurance (HFLOODINSURE=1) and where the first household member to move in has been in the sampled unit for at least one full calendar year (YEARSSINCEMOVEIN_MAX >=2).

PROPTAX_AMT   This item is asked of owners that do not live in a cooperative (OWNER=1 and COOP=2).

LATEMORTGAGE   This item is asked of owners that reported having a first mortgage (HDEBT_FIRSTMORT=1).

COOPCONDOFEE   This item is asked of owners that live in a coop or condo (OWNER=1 and CONDO or COOP = 1).

ASSESSMENT   This item is asked of owners that live in a coop or condo (OWNER=1 and CONDO or COOP = 1).

ASSESSMENT_AMT   This item is asked of owners that reported having an assessment (ASSESSMENT=1).

SCHE_DHE   This item is asked of all owners in occupied units (OWNER=1).

Source(s)   N/A

Homeowners insurance policies do not cover flood damages caused by excessive rain. A homeowner who desires this coverage must purchase a separate policy.

1. Yes
2. No

Do you have flood insurance?

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What are the monthly condominium or co-op maintenance fees for this apartment (house)? Exclude payments for any mortgages (loans) on this unit.

Enter Amount
$_____

Is any household member receiving a Senior Citizen Carrying Charge Increase Exemption as part of the SCRIE program?	1. Yes 2. No
Is the fire and liability insurance premium for this apartment (house) paid separately?	1. Yes 2. No, included in mortgage or loan payment 3. No insurance
What was the cost of fire and liability insurance for [Year of Interview – 1]?	Enter Amount $_____
Are the real estate taxes for this apartment (house) paid separately?	1. Yes 2. No, included in mortgage or loan payment 3. No, included in condominium or maintenance fee
What were the real estate taxes for [Year of Interview – 1]?	Enter Amount $_____

Rationale

Expert review and observations of the 2017 NYCHVS field operations signaled that there was no reason to ask whether insurance or real estate were paid separately (field representatives often did not read these questions out loud to respondents). Instead, these questions will be asked as "How much…" with interviewer-coded options for respondents who did not pay these costs separately.

Stakeholder conversations with groups that work directly with low income homeowners highlighted the need to ask about flood insurance. Homeowners in high risk flood zones in New York City are required to get flood insurance. Citywide data on flood insurance prevalence and costs is valuable for City policies and outreach. Program names were updated to reflect current program names, with Disability programs included as well as those intended for Seniors. This was done to be parallel to questions regarding Senior Citizen Rent Increase Exemption (SCRIE) and Disability Rent Increase Exemption (DRIE) for renters.

Recode Usage

These items are combined to estimate total monthly fees for owners. Beginning in 2017, individual cost items are no longer provided in the Public Use File due to disclosure risk.

Utilities			
Utility Costs	**Item**	**Variable name**	**Data file**
Utilities paid (electricity)	B36	UTIL_ELECTRIC	Occupied
Utilities paid (gas)	B36	UTIL_GAS	Occupied
Utilities paid (heat)	B36	UTIL_HEAT	Occupied
Utilities paid (water)	B36	UTIL_WATER	Occupied
Utilities paid (none)	B36	UTIL_NONE	Occupied
Utilities paid (included)	B36	UTIL_INCLUDED	Occupied
Utility costs (summer)	B37	UTILCOSTS_SUMMER	Occupied
Utility costs (winter)	B38	UTILCOSTS_WINTER	Occupied
Utility costs (heat)	B40	UTILCOSTS_HEAT	Occupied
Utility costs (water)	B40	UTILCOSTS_WATER	Occupied

Which utilities do [you/you and the people you live with] pay?

[INTERVIEWER: Show Response Card B36]

1. Electricity
2. Cooking Gas
3. Heat
4. Water/Sewer
5. None of these
6. All utilities are included in the rent or condo/co-op fees

Don't Know (Specify Person # to answer)

Last summer, how much did [you/you and the people you live with] pay in a typical month for [electricity/gas/electricity and gas]?

Enter Amount
$_____
999 Respondent did not live in unit during reference period

Don't Know (Specify Person # to answer)

Last winter, how much did [you/you and the people you live with] pay in a typical month for [electricity/ gas/ electricity and gas]?

Enter Amount
$_____
999 Respondent did not live in unit during reference period

Don't Know (Specify Person # to answer)

Last year, what was the total cost of heat?

Enter Amount
$_____

	999 Respondent did not live in unit during reference period
	Don't Know (Specify Person # to answer)
Last year, what was the total cost of water and sewer?	Enter Amount $_____
	999 Respondent did not live in unit during reference period
	Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

UTIL_*	Interviewer Note: Do not include cable, internet, or phone.
UTILCOST_ELEC UTILCOST_HEAT	Interviewer Note: If is paid as part of electric bill, record costs under electric costs, not heat costs. Do not take a monthly amount and multiply by 12. If needed, ask respondent to specify number of months
UTILCOSTS_SUMMER	IF NEEDED: By summer, I mean last June, July, and August
UTILCOSTS_WINTER	IF NEEDED: By winter, I mean last October through May.

Administration (Universe Description)

UTIL_*	This item is asked of all respondents in occupied units.
UTILCOSTS_SUMMER UTILCOSTS_WINTER	These items are asked of all respondents who reported paying for electricity or gas (UTIL_ELECTRIC = 1 or UTIL_GAS = 1).
UTILCOSTS_HEAT	This item is asked of respondents who reported paying for heat (UTIL_HEAT=1).
UTILCOSTS_WATER	This item is asked of respondents who reported paying for water (UTIL_WATER=1).

| **Source(s)** | New York City Housing and Neighborhood Study (NYCHANS) |

| Using Response Card A, which utilities does your | [A_35_1] <1/0> A. Electricity |

household pay?	[A_35_2] <1/0> B. Cooking Gas
	[A_35_3] <1/0> C. Heat
	[A_35_4] <1/0> D. Water
	[A_35_5] <1/0> E. Other
	[A_35_6] <1/0> F. None
	[A_35_7] <1/0> G. All utilities are included in the rent

[Q_36] In a typical summer month, how much do you pay for these utilities?

Enter Amount:
$_____

[Q_37] In a typical winter month, how much do you pay for these utilities?

Enter Amount:
$_____

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Do you pay for your own electricity?

1. Yes
2. Yes, but combined with gas
3. No, included in rent, condominium or other fee

What is the average MONTHLY cost?

Enter Amount
$_____

Do you pay for your own gas?

1. Yes
2. No, included in rent, condominium or other fee
3. No, gas not used

What is the average MONTHLY cost?

Enter Amount
$_____

What is your combined average electricity and gas payment each month?

Enter Amount
$_____

Rationale

The NYCHVS has historically captured information on some utilities for renters and a wider range of housing costs (such as heat and water) from owners. Expert review determined that information about utility costs could be captured more efficiently with the use of a flashcard for both renters and owners.

Pretesting determined that some items required an answer option of "did not live there during reference period." Pretesting also determined that utility costs varied considerably based on season and that an annual average was insufficient to capture cost burden. Questions on summer and winter utility costs may be used in conjunction with other items on disuse of air conditioning due to cost. Reference periods were also clarified and aligned to work in conjunction with other maintenance deficiencies and housing costs.

Recode Usage

Utility costs are used with contract rent to estimate gross rental costs. Utility costs are also combined with owner costs to estimate total monthly owner costs.

Inability to Pay Bills	Item	Variable name	Data file
Service interrupted (utilities)	F5	INTERUPT_UTIL	Occupied
Service interrupted (landline)	F5	INTERUPT_PHONE	Occupied
Service interrupted (cell phone)	F5	INTERUPT_CELL	Occupied
Service interrupted (none)	F5	INTERUPT_NONE	Occupied

In the last year, were any of the following services interrupted because you did not have enough money at the time?

[INTERVIEWER: Show Response Card F5]

1. Electricity, gas, or heat
2. Landline telephone
3. Cell phone
4. None

Scripting

N/A

Interviewer Notes and Optional Text

INTERUPT_*   Interviewer Note: If respondent pays on a combined bill, check all services that were interrupted (e.g., cell and internet)

Administration (Universe Description)

INTERUPT_*   This item is asked of all respondents in occupied units.

Source(s)   New York City Housing and Neighborhood Study (NYCHANS)

In the last 12 months, were any of the following services interrupted because you did not have enough money at the time?

One or more utility
1. Yes
2. No

Cell Phone
1. Yes
2. No

One or more utility
1. Yes
2. No

Landline telephone
1. Yes
2. No

Cable/Internet
1. Yes
2. No

Other   1. Yes
                                                    2. No

NYCHVS History   N/A

Rationale

The item about service being interrupted due to financial reasons was added based on stakeholder feedback that delay of critical expenses was an important domain related to housing affordability. The phrasing for delay of utilities was updated to specify utilities based on translation team feedback. This item may be used on its own or in conjunction with other financial distress items (i.e., delay of healthcare for financial reasons, delay or rent/mortgage, eviction).

Recode Usage

N/A

Public Benefits and Coverage

Public Assistance	Item	Variable name	Data file
Program (Food stamps)	P1	PA_FOOD	Occupied
Program (SNAP)	P1	PA_SNAP	Occupied
Program (WIC)	P1	PA_WIC	Occupied
Program (Cash Assistance)	P1	PA_CA	Occupied
Program (TANF)	P1	PA_TANF	Occupied
Program (SNA)	P1	PA_SNA	Occupied
Program (Shelter Allowance)	P1	PA_SHELTER	Occupied
Program (Public Assistance)	P1	PA_PA	Occupied
Program (Disability)	P1	PA_DIS	Occupied
Program (SSI)	P1	PA_SSI	Occupied
Program (SSDI)	P1	PA_SSDI	Occupied
Program (disability pension)	P1	PA_DISPEN	Occupied
Program (Other)	P1	PA_OTH	Occupied
Program (HRA)	P1	PA_OTHHRA	Occupied
Program (NYC)	P1	PA_OTHCITY	Occupied
Program (NY State)	P1	PA_OTHSTATE	Occupied
Program (Federal)	P1	PA_OTHFED	Occupied

Last month, did [you/ you or anyone else who lives with you] receive assistance or payments from any of the following?

Check all that apply

[INTERVIEWER: Show Response Card P1]

100. (A) Food Assistance
101. Supplemental Nutrition Assistance Program (SNAP)/Food Stamps/EBT
102. Women, Infants and Children (WIC)
200. (B) Cash Assistance
203. Temporary Assistance for Needy Families (TANF)
204. Safety Net Assistance (SNA)
205. Shelter Allowance
206. Public Assistance
300. (C) Disability Benefits
307. Supplemental Security Income (SSI)
308. Social Security Disability Insurance (SSDI)

309. Disability Pension
400. (D) Other Benefits
410. Another HRA program
411. Another New York City program
412. Another New York State program
413. Another Federal program

Scripting

N/A

Interviewer Notes and Optional Text

PA_*   If respondent is unable to itemize specific programs, enter *00
                         answer choice (category). Do not count rental or housing assistance.

Administration (Universe Description)

PA_*   This item is asked of all respondents in occupied units.

Source(s)   N/A

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Does anyone in this household (including children under age 15) receive public assistance or welfare payments from any of the following?

Temporary Assistance for Needy Families (TANF), or Family Assistance	1. Yes 2. No
Safety Net Assistance	1. Yes 2. No
Supplemental Security Income (SSI), including aid to the blind or disabled	1. Yes 2. No
Supplemental Nutrition Assistance Program (SNAP)	1. Yes 2. No
Women, Infants and Children (WIC)	1. Yes 2. No
Other	1. Yes 2. No

Rationale

The legacy form of this item has evolved over time, with the addition of SNAP and WIC in 2017. Field testing and subject matter experts confirmed that many respondents may not know the official name(s) of the public assistance program(s) in which they or others in their household participate. Successive rounds of field testing were used to generate a list of program names from respondents that was used to create the response options used in the revised NYCHVS question and corresponding flash card.

By design, variations in program name are listed to enable respondents to indicate programs known by another acronym or designation. Field testing of this revised item performed well, with lower rates of non-response. Testing also showed that many respondents consider disability benefits, particularly SSI and SSDI, as a public assistance program, rather than income. On recommendation of the field interview team, these sources of income were moved from the personal income question to this public assistance item. Additional headers were created so that respondents who were unsure of the specific program could answer by category (e.g., "some type of cash assistance") without introducing unnecessary error.

These answer items are used to pipe a following item on amount received in such a way as to increase respondent understanding, reduce cognitive burden, and reduce item non-response.

Recode Usage

Programs are collapsed based on category, rather than itemized programs. Those that are classified as income on the American Community Survey (ACS) are recoded as such.

Public Assistance Income	Item	Variable name	Data file
Benefits (Food stamps)	P1	PA_FOOD	Occupied
Benefits (SNAP)	P1	PA_SNAP	Occupied
Benefits (WIC)	P1	PA_WIC	Occupied
Benefits (Cash Assistance)	P1	PA_CA	Occupied
Benefits (TANF)	P1	PA_TANF	Occupied
Benefits	P1	PA_SNA	Occupied
Benefits (Shelter Allowance)	P1	PA_SHELTER	Occupied
Benefits (Public Assistance)	P1	PA_PA	Occupied
Benefits (Disability)	P1	PA_DIS	Occupied
Benefits	P1	PA_SSI	Occupied
Benefits (SSDI)	P1	PA_SSDI	Occupied
Benefits (disability pension)	P1	PA_DISPEN	Occupied
Benefits (Other)	P1	PA_OTH	Occupied
Benefits (HRA)	P1	PA_OTHHRA	Occupied
Benefits (NYC)	P1	PA_OTHCITY	Occupied
Benefits (NY State)	P1	PA_OTHSTATE	Occupied
Benefits (Federal)	P1	PA_OTHFED	Occupied

Last month, how much did [you/ you and anyone else who lives with you] receive from [PROGRAM]?	Enter amount: $_____
	Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

PA_AMT_*   Interviewer Note: Record total for all members that receive the benefit

Administration (Universe Description)

PA_AMT_*   This item is asked of all respondents who reported receiving public
                                assistance. The item is looped through each program
                                (PA_[SOURCE] = 1).

Source(s)   American Community Survey (ACS)

Mark (X) the "Yes" box for each type of income
this person received, and give your best estimate
of the TOTAL AMOUNT during the PAST 12
MONTHS.

(NOTE: The "past 12 months" is the period from
today's date one year ago up through today.)

Mark (X) the "No" box to show types of income
NOT received. If net income was a loss, mark the
"Loss" box to the right of the dollar amount.

For income received jointly, report the appropriate
share for each person – or, if that's not possible,
report the whole amount for only one person and
NAL C mark the "No" box for the other person.

[Other sources not listed…]
Any public assistance or welfare payments from   Enter total amount from last 12 months:
the state or local welfare office: $_____

NYCHVS History   N/A

Rationale

Although previous NYCHVS survey cycles asked about receipt of public assistance, the
amounts received from such programs was not collected. To conform to the personal income
sources used in the American Community Survey (ACS), the NYCHVS now collects amounts
received in addition to program participation. Unlike the ACS, the amount is requested for last
month, rather than last year. Although this may result in some differences in total calculated
household income, pretesting showed that this was the common way that respondents thought
of the value of assistance received. The decision was therefore made to ask about a month's
value to reduce cognitive burden and non-response.

Recode Usage

Monthly amounts are annualized as appropriate for types of assistance classified as personal
income by the American Community Survey (ACS).

Income and Employment			
Employment	**Item**	**Variable name**	**Data file**
Person worked last week	E1	WORK_P1-WORK_P15	Occupied
Number of jobs	E2.1	WORKJOBS_P1-WORKJOBS_P15	Occupied
Last worked	E13	WORKLAST_P1-WORKLAST_P15	Occupied
Worked 52 weeks	E13.1	WORK52_P1-WORK52_P15	Occupied
Weeks worked	E3	WORKWEEKS_P1-WORKWEEKS_P15	Occupied
Hours worked	E4	WORKHOURS_P1-WORKHOURS_P15	Occupied
Type of employment	E5	WORKTYPE_P1-WORKTYPE_P15	Occupied
Type of employment (primary)	E5.2	WORKTYPEPRIM_P1-WORKTYPEPRIM_P15	Occupied
Type of employment (last)	E5.3	WORKTYPELAST_P1-WORKTYPELAST_P15	Occupied
Government	E5.1	WORKGOV_P1-WORKGOV_P15	Occupied
Shift work	E34	WORKSCHED_P1-WORKSCHED_P15	Occupied

LAST WEEK, did [you/person] work for pay at a job or business?

1. Yes
2. No

Don't Know (Specify Person # to answer)

Altogether, how many part-time and full-time jobs did you/person] work at last week?

Enter number of jobs:
_____

Don't Know (Specify Person # to answer)

When did [you/person] last work, even for a few days?

1. Within the past 12 months
2. 1 to 5 years ago
3. Over 5 years ago or never worked.

Don't Know (Specify Person # to answer)

In [fill last calendar year], did [you/person] work EVERY week? Count paid vacation, paid sick leave, and military service as work

1. Yes
2. No

Don't Know (Specify Person # to answer)

In [fill last calendar year], how many WEEKS did [you/person] work? Include paid time off and include weeks when the person only worked for a few hours.	Enter number of weeks: _____ Don't Know (Specify Person # to answer)
In [fill last calendar year], in the WEEKS WORKED, how many hours did [you/person] usually work each WEEK?	Enter number of hours: _____ Don't Know (Specify Person # to answer)
Which of the following describes [your/[person]'s] employment last week? Check all that apply [INTERVIEWER: Show Response Card E5]	1. For-profit company or organization 2. Non-profit organization (including tax-exempt and charitable organizations) 3. Government 4. Self-employed or contract work
Which of the following describes [your/[person]'s] PRIMARY employment last week? Check all that apply IF NEEDED: Since [person] had more than one job, please describe the one at which the most hours were worked [INTERVIEWER: Show Response Card E5]	1. For-profit company or organization 2. Non-profit organization (including tax-exempt and charitable organizations) 3. Government 4. Self-employed or contract work
Which of the following describes [your/[person]'s] most recent employment in the past 5 years? Check all that apply [INTERVIEWER: Show Response Card E5]	1. For-profit company or organization 2. Non-profit organization (including tax-exempt and charitable organizations) 3. Government 4. Self-employed or contract work
Was this employment with local, state, or federal government?	1. Local government 2. State government 3. Federal government
On [your/[Person]'s] [primary/current] job, [do you/do they] USUALLY work a daytime schedule or some other schedule?	1. Daytime- most work is done between 6am and 6pm 2. Some other schedule

Scripting

N/A

Interviewer Notes and Optional Text

WORK_*   INTERVIEWER NOTE: Include any work even if you worked only 1 hour or helped without pay in a family business, or were on active duty in the Armed Forces. If the person did not work all last week because he/she was on vacation from his/her job, enter 2.

WORKTYPEPRIM_*   IF NEEDED: Since [person] had more than one job, please describe the one at which the most hours were worked

WORKSCHED_*   IF NEEDED: By daytime, I mean a schedule in which most work is done between the hours of 6am and 6pm

                     INTERVIEWER NOTE:
                     If person works more than one job, select primary job (job with most hours worked).

Administration (Universe Description)

WORK_P*   This item is looped for all adults age 15 and older
                     (ADULT[PERSON] = 1).

WORKJOBS_P*   This item is looped for each adult who worked last week
                     (WORK_P[PERSON] = 1).

WORKLAST_P*   This item is looped for each adult who did not work last week
                     (WORK_P[PERSON] = 2).

WORK52_P*   This item is looped for each adult who worked last week
                     (WORK_P[PERSON] = 1).

WORKWEEKS_P*   This item is asked for each adult who worked last week where the person did not work every week (WORK_P[PERSON] = 1 or WORKLAST_P[PERSON] = 1).

WORKHOURS_P*   This item is looped for each adult who worked last week
                     (WORK_P[PERSON] = 1 or WORKLAST_P[PERSON] = 1).

WORKTYPE_P*   This item is looped for each adult who has one job
                     (WORK_P[PERSON] = 1 and WORKJOBS_P[PERSON] = 1).

WORKTYPEPRIM_P*   This item is looped for each adult who has more than one job
                     (WORK_P[PERSON] = 1 and WORKJOBS_P[PERSON] > 1).

WORKTYPELAST_P*   This item is looped for each adult who did not work last year
                     (WORK52_P[PERSON] in [1,2]).

WORKGOV_P*   This item is looped for each adult who was recorded as working for government (WORKTYPE_P[PERSON] = 3 or WORKTYPEPRIM_P[PERSON] = 3).

WORKSCHED_P*   This item is looped for each adult who worked last week

(WORK_P[PERSON] = 1).

Source(s)	American Community Survey (ACS)
	American Time Use Survey (ATUS)

LAST WEEK, did this person work for pay at a job (or business)?

1. Yes
2. No

LAST WEEK, did this person do ANY work for pay, even for as little as one hour?

1. Yes
2. No

When did this person last work, even for a few days?

1. Within the past 12 months
2. 1 to 5 years ago
3. Over 5 years ago or never worked

During the PAST 12 MONTHS (52 weeks), did this person work EVERY week? Count paid vacation, paid sick leave, and military service as work.

1. Yes
2. No

During the PAST 12 MONTHS (52 weeks), how many WEEKS did this person work? Include paid time off and include weeks when

Enter number of weeks:

_____

During the PAST 12 MONTHS, in the WEEKS WORKED, how many hours did this person usually work each WEEK?

Enter number of hours:

_____

Which one of the following best describes this person's employment last week or the most recent employment in the past 5 years?

1. For-profit company or organization
2. Non-profit organization (including tax-exempt and charitable organizations)

GOVERNMENT EMPLOYEE
3. Local government (for example: city or county school district)
4. State government (including state colleges/universities)
5. Active duty U.S. Armed Forces or Commissioned Corps

6. Federal government civilian employee

SELF-EMPLOYED OR OTHER
7. Owner of non-incorporated business, professional practice, or farm
8. Owner of incorporated business, professional practice, or farm
9. Worked without pay in a for-profit family business or farm for 15 hours or more per week

---

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Did . . . work at any time last week?	1. Yes 2. No
How many hours did . . . work last week at all jobs?	Enter number of hours _____
Was . . . TEMPORARILY absent or on layoff from a job last week?	1. Yes 2. No
Has . . . been doing anything to find work during the last four weeks?	1. Yes 2. No
What is the main reason . . . is not looking for work?	1. Yes 2. No
When did . . . last work at his/her job or business?	1. [Year of Interview] 2. [Year of Interview – 1 year] 3. [Year of interview – 5 years] to [Year of interview – 2 years] 4. [Year of interview – 6 years] or earlier 5. Never worked
For whom did . . . work?	Enter employer name _____
What kind of business or industry is this?	Enter main activity of employer _____

Is this mainly manufacturing, wholesale trade, retail trade, or something else?	1. Manufacturing 2. Wholesale trade 3. Retail trade 4. Other (service, construction, government, etc.)
What kind of work was . . . doing; that is, what's his/her occupation?	Enter occupation _____
What are . . .'s usual activities at this job?	Enter main job activities _____

What type of business or organization does . . . work at?	1. Private FOR PROFIT company, business, or individual for wages, salary, or commission
	2. Private NOT-FOR-PROFIT, tax-exempt, or charitable organization
	
	Government –
	   4. Federal Government 4.
	   5. State
	   6. Local (city, borough, etc.)
	
	5. Self-employed in own incorporated or unincorporated business or professional practice
	6 Working without pay in family business

How many weeks did . . . work in 2016?	Enter weeks worked: _____
How many hours did . . . usually work each week in 2016?	Enter hours worked: _____

Rationale

Past cycles of the NYCHVS included a battery of items intended to replicate the Bureau of Labor Statistics (BLS) unemployment rate and collected a substantial amount of information used to classify industry and occupation codes (IOC) for each adult in the household. Observation of the 2017 NYCHVS showed that these items are burdensome for respondents, take a substantial amount of time to loop through each adult, and may raise privacy concerns

related to employer name and specific occupation and job duties. Although the sample size is larger than in the cycles from 1991 through 2017, the sponsor determined that there would still not be enough data to meet disclosure avoidance procedures related to IOC codes. Stakeholder review indicated that these data were a lower priority for most users, since the sample size of the NYCHVS precluded release of granular IOC data and the legacy form of the questions did not exactly replicate BLS definitions for unemployment or not in labor force (these would require additional questions on job search and readiness to work).

For these reasons, the breadth of employment items in the NYCHVS was narrowed to capture current employment (including number of jobs), amount worked (weeks and hours per week), sector of employment, and shift work. More limited information on employment type may be derived from the public assistance and income sections. An additional question on shift work was added based on stakeholder conversations about the lack of available information on work schedules for working adults.

Recode Usage

N/A

Business Ownership	Item	Variable name	Data file
Owns business	E14	BUSINESS_P1- BUSINESS_P15	Occupied
Business is incorporated	E15	BUSINESSINC_P1- BUSINESSINC_P15	Occupied
Employed by own business	E16	BUSINESSEMP_P1- BUSINESSEMP_P15	Occupied

[Do you/Does Person] own a business or are [you/they] a partner in a business?	1. Yes 2. No Don't Know (Specify Person # to answer)
Is the business incorporated, such as an LLC or something similar?	1. Yes 2. No Don't Know (Specify Person # to answer)
[Are you/ Is [person]] also an employee of that business?	1. Yes 2. No Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

BUSINESS_*   IF NEEDED: Do not include (person)'s co-op as a business.

BUSINESSEMP_*   IF NEEDED: [Do you/ Does [person]] receive a salary?

Administration (Universe Description)

BUSINESS_P*   This item is looped for each adult (ADULT[PERSON] = 1).

BUSINESSINC_P*   This item is looped for each adult that was recorded as having a business (BUSINESS_P[PERSON] = 1).

BUSINESSEMP_P*   This item is looped for each adult that was recorded as having a business (BUSINESS_P[PERSON] = 1).

Source(s)   N/A

Rationale

Personal and household income standards, such as those used in the American Community Survey (ACS) generally exclude any income from respondents' own incorporated businesses, unless it is in the form of salary. Pretesting of personal income revealed common misreporting of business income, whereby respondents often included incorporated businesses where only unincorporated businesses should be counted or profits from a business as salary when no salary was received. To improve data quality, these questions were added to facilitate skip logic and logical edits to later questions regarding income from a non-incorporated business.

Recode Usage

N/A

Income source	Item	Variable name	Data file
Income source (job)	E17	INC_JOB_P1-INC_JOB_P15	Person
Income source (salary)	E17	INC_SALARY_P1-INC_SALARY_P15	Person
Income source (wages)	E17	INC_WAGES_P1-INC_WAGES_P15	Person
Income source (tips)	E17	INC_TIPS_P1-INC_TIPS_P15	Person
Income source (self)	E17	INC_SELF_P1-INC_SELF_P15	Person
Income source (business)	E17	INC_BUSINESS_P1-INC_BUSINESS_P15	Person
Income source (additional)	E17	INC_ADD_P1-INC_ADD_P15	Person
Income source (bonus)	E17	INC_BONUS_P1-INC_BONUS_P15	Person
Income source (stiped)	E17	INC_STIPEND_P1-INC_STIPEND_P15	Person
Income source (rent)	E17	INC_RENTINC_P1-INC_RENTINC_P15	Person
Income source (rent home)	E17	INC_RENTPERS_P1-INC_RENTPERS_P15	Person
Income source (retirement)	E17	INC_RETIRE_P1-INC_RETIRE_P15	Person
Income source (social security)	E17	INC_SS_P1-INC_SS_P15	Person
Income source (pension)	E17	INC_PENSION_P1-INC_PENSION_P15	Person
Income source (railroad)	E17	INC_RAIL_P1-INC_RAIL_P15	Person
Income source (oth retirement)	E17	INC_OTHRETIRE_P1-INC_OTHRETIRE_P15	Person
Income source (disablity)	E17	INC_DIS_P1-INC_DIS_P15	Person
Income source (workers comp)	E17	INC_WORKCOMP_P1-INC_WORKCOMP_P15	Person
Income source (PFL)	E17	INC_PFL_P1-INC_PFL_P15	Person
Income source (FMLA)	E17	INC_FMLA_P1-INC_FMLA_P15	Person
Income source (supp insure)	E17	INC_SUPPINS_P1-INC_SUPPINS_P15	Person
Income source (investments)	E17	INC_INVEST_P1-INC_INVEST_P15	Person
Income source (interest)	E17	INC_INTEREST_P1-INC_INTEREST_P15	Person
Income source (dividend)	E17	INC_DIVIDEND_P1-INC_DIVIDEND_P15	Person
Income source (annuity)	E17	INC_ANNUITY_P1-	Person

		INC_ANNUITY_P15	
Income source (estates)	E17	INC_ESTATE_P1- INC_ESTATE_P15	Person
Income source (royalty)	E17	INC_ROYALTY_P1- INC_ROYALTY_P15	Person
Income source (other)	E17	INC_OTHERINC_P1- INC_OTHERINC _P15	Person
Income source (unemployment)	E17	INC_UNEMPL_P1- INC_UNEMPL_P15	Person
Income source (child support)	E17	INC_CHILDSUPP_P1- INC_CHILDSUPP_P15	Person
Income source (survivor benefit)	E17	INC_SURVIVOR_P1- INC_SURVIVOR_P15	Person
Income source (veterans)	E17	INC_VET_P1-INC_VET_P15	Person
Income source (other source)	E17	INC_OTHERSOURCE_P1- INC_OTHERSOURCE_P15	Person

In [fill last calendar year], did [you/person] receive income from any of these sources?

Check all that apply

[INTERVIEWER: Show Response Card E17]

100. (A) Income from a job
101. Salary
102. Wages
103. Tips
104. Income from self-employment
105. Income from a business
200. (B) Additional Income
206. Bonuses or commissions
207. Stipends
208. Income from renting some or all of your home
209. Income from renting a property that isn't your home
300. (C) Retirement
310. Social Security
311. Pension
312. Railroad retirement
313. Other retirement income
400. (D) Disability and Leave
414. Workers' compensation
415. Paid Family Leave (PFL)
416. Paid Family Medical Leave (FMLA)
417. Cash payment from Supplemental Insurance
500. (E) Interest and Payments
518. Interest of $500 or more
519. Dividends
520. Annuities
521. Estates and trusts
522. Royalties
600. (F) Other
623. Unemployment

624. Child support and alimony
625. Survivor benefits
626. Veterans' payments
627. Other regular source of income

Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

INC_*   This item is looped for each adult (ADULT[PERSON] = 1).

Source(s)	Adapted from the American Community Survey (ACS)

Mark (X) the "Yes" box for each type of income this person received, and give your best estimate of the TOTAL AMOUNT during the PAST 12 MONTHS.

(NOTE: The "past 12 months" is the period from today's date one year ago up through today.)

Mark (X) the "No" box to show types of income NOT received. If net income was a loss, mark the "Loss" box to the right of the dollar amount.

For income received jointly, report the appropriate share for each person – or, if that's not possible, report the whole amount for only one person and NAL C mark the "No" box for the other person.

Wages, salary, commissions, bonuses, or tips from all jobs. Report amount before deductions for taxes, bonds, dues, or other items.

Enter amount:
$ _____

Self-employment income from own nonfarm businesses or farm businesses, including proprietorships and partnerships. Report NET income after business expenses.

Enter amount:
$ _____

Interest, dividends, net rental income, royalty income, or income from estates and trusts. Report even small amounts credited to an account.

Enter amount:
$ _____

Social Security or Railroad Retirement.

Enter amount:
$ _____

Supplemental Security Income (SSI).

Enter amount:
$ _____

Any public assistance or welfare payments from the state or local welfare office.

Enter amount:
$ _____

Retirement income, pensions, survivor or disability income.

Enter amount:
$ _____

Include income from a previous employer or union, or any regular withdrawals or distributions from IRA, Roth IRA, 401(k), 403(b), or other accounts specifically designed for retirement. Do not include Social Security.

Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support or alimony.

Enter amount:
$ _____

Do NOT include lump sum payments such as money from an inheritance or the sale of a home.

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Did . . . earn income from wages, salary, commissions, bonuses, or tips?

1. Yes
2. No

How much from all jobs? Report the amount before deductions for taxes, bonds, dues or other items

Enter amount:
$ _____

Did . . . earn any income from (his/her) own farm or nonfarm business, proprietorship, or partnership?

1. Yes
2. No

How much? Report net income after business expenses

Enter amount:
$ _____

Did . . . receive any interest, dividends, net rental or royalty income, or income from estates and trusts?

1. Yes
2. No

Include even small amounts credited to an account.

How much?

Enter amount:
$ _____

Did . . . receive any Social Security or Railroad Retirement payments?

1. Yes
2. No

Include payments as a retired worker, dependent, or disabled worker.

How much?

Enter amount:
$ _____

Did . . . receive any income from government programs for Supplemental Security Income (SSI), Family Assistance/Temporary Assistance for Needy Families (TANF), Safety Net, or any other public assistance or public welfare payments, including shelter allowance?

1. Yes
2. No

How much?

Enter amount:
$ _____

Did . . . receive any income from retirement, survivor, or disability pensions?

1. Yes
2. No

Include payments from companies, unions, Federal, State, or local governments and the U.S.

military. Do NOT include Social Security.

	Enter amount:
How much?	$ _____

Did . . . receive any income from Veterans' (VA) payments, unemployment compensation, child support, alimony, or any other regular source of income?	1. Yes 2. No

	Enter amount:
How much?	$ _____

Rationale

The legacy form of these items required that each question was asked of each person age 15 or older, causing substantial burden and leading to high item non-response as a result of repetition of wordy questions that did not apply for a given person. At the same time, it was important that the NYCHVS continue to replicate the ACS income questions, as stakeholders and subject matter experts commonly stated that this was a critical way in which NYCHVS users assessed comparability with other Census products. Several modifications to the updated ACS income module were made to balance the needs of the NYCHVS, with successive field tests in order to refine and finalize the question.

First, a screener question was added that allowed survey logic to limit the number of questions asked of each person in the household. One "check all that apply" was added (with a corresponding flash card) to enable the respondent to pick one or more sources of income for each adult. The answer(s) to this question determine a more limited set of follow-up questions that solicit how much was earned from each source.

Second, sources of income in the ACS questions were split apart and regrouped to create categories of income sources: income from a job, additional income, retirement, disability and leave, interest and payments, and other income. Other common forms of disability income were moved to public assistance to conform to feedback from pretesting. Additional sources of income were added to reduce reliance on "other income" (e.g., workers compensation, paid leave).

Third, each income source was made into its own answer choice to facilitate fills for future questions that were shorter and easier to read verbatim. For example, rather than asking "Did [PERSON] earn income from wages, salary, commissions, bonuses, or tips?" for each person that reported having a salary only, the follow-up question now only asks about salary. This improved readability, ease of translation, and reduced interview time, particularly for less common sources of income that were embedded in longer lists of dissimilar sources (e.g.,

income from Veterans' (VA) payments, unemployment compensation, child support, alimony, or any other regular source of income).

For individuals who are unable to itemize specific sources within a category, an option is given that allows a respondent to report on an overall category (i.e., income from job(s)) rather than requiring separate reporting for salary, wages, tips, etc. As an additional step to reduce item non-response and error, field representatives will be able to follow-up with other household members as needed, rather than relying on respondent's best guess or imputation for "Don't know" answers.

Tests of this final form of the question showed lower item non-response, reduced redundancy when looped across adult household members, and took less overall time despite the larger number of answer categories that facilitate more granular data.

Recode Usage

N/A

Personal Income	Item	Variable name	Data file
Income amount (job)	E17	INC_JOB_P1-INC_JOB_P15	Person
Income amount (salary)	E17	INC_SALARY_P1-INC_SALARY_P15	Person
Income amount (wages)	E17	INC_WAGES_P1-INC_WAGES_P15	Person
Income amount (tips)	E17	INC_TIPS_P1-INC_TIPS_P15	Person
Income amount (self)	E17	INC_SELF_P1-INC_SELF_P15	Person
Income amount (business)	E17	INC_BUSINESS_P1-INC_BUSINESS _P15	Person
Income amount (additional)	E17	INC_ADD_P1-INC_ADD_P15	Person
Income amount (bonus)	E17	INC_BONUS_P1-INC_BONUS _P15	Person
Income amount (stiped)	E17	INC_STIPEND_P1-INC_STIPEND _P15	Person
Income amount (rent)	E17	INC_RENTINC_P1-INC_RENTINC _P15	Person
Income amount (rent home)	E17	INC_RENTPERS_P1-INC_RENTPERS_P15	Person
Income amount (retirement)	E17	INC_RETIRE_P1-INC_RETIRE_P15	Person
Income amount (social security)	E17	INC_SS_P1-INC_SS_P15	Person
Income amount (pension)	E17	INC_PENSION_P1-INC_PENSION _P15	Person
Income amount (railroad)	E17	INC_RAIL_P1-INC_ RAIL_P15	Person
Income amount (oth retirement)	E17	INC_OTHRETIRE_P1-INC_OTHRETIRE_P15	Person
Income amount (disablity)	E17	INC_DIS_P1-INC_ DIS_P15	Person
Income amount (workers comp)	E17	INC_WORKCOMP_P1-INC_WORKCOMP_P15	Person
Income amount (PFL)	E17	INC_PFL_P1-INC_ PFL_P15	Person
Income amount (FMLA)	E17	INC_FMLA_P1-INC_FMLA_P15	Person
Income amount (supp insure)	E17	INC_SUPPINS_P1-INC_SUPPINS_P15	Person
Income amount (investments)	E17	INC_INVEST_P1-INC_INVEST_P15	Person
Income amount (interest)	E17	INC_INTEREST_P1-INC_INTEREST_P15	Person
Income amount (dividend)	E17	INC_DIVIDEND_P1-INC_DIVIDEND_P15	Person
Income amount (annuity)	E17	INC_ANNUITY_P1-	Person

		INC_ANNUITY_P15	
Income amount (estates)	E17	INC_ESTATE_P1- INC_ESTATE_P15	Person
Income amount (royalty)	E17	INC_ROYALTY_P1- INC_ROYALTY_P15	Person
Income amount (other)	E17	INC_OTHERINC_P1- INC_OTHERINC _P15	Person
Income amount (unemployment)	E17	INC_UNEMPL_P1- INC_UNEMPL_P15	Person
Income amount (child support)	E17	INC_CHILDSUPP_P1- INC_CHILDSUPP_P15	Person
Income amount (survivor benefit)	E17	INC_SURVIVOR_P1- INC_SURVIVOR_P15	Person
Income amount (veterans)	E17	INC_VET_P1-INC_VET_P15	Person
Income amount (other source)	E17	INC_OTHERSOURCE_P1- INC_OTHERSOURCE_P15	Person

How much did [person] earn from [fill from E17] in [fill last calendar year]?

Enter Amount
$_____

Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

INCAMT_*   IF NEEDED: Report income before taxes.

Interviewer Note: If the income went to multiple people, split the amount evenly among recipients

Interviewer note: If respondent reports having both wages and tips, but cannot report them separately, put the combined amount under "wages."

Administration (Universe Description)

INCAMT_*   This item is looped for each adult who was recorded as having one or more source of income. The item is looped for each source (INC_[SOURCE]_P[Person] = 1).

Source(s)   Adapted from the American Community Survey (ACS)

Mark (X) the "Yes" box for each type of income this person received, and give your best estimate of the TOTAL AMOUNT during the PAST 12 MONTHS.

(NOTE: The "past 12 months" is the period from today's date one year ago up through today.)

Mark (X) the "No" box to show types of income NOT received. If net income was a loss, mark the "Loss" box to the right of the dollar amount.

For income received jointly, report the appropriate share for each person – or, if that's not possible, report the whole amount for only one person and NAL C mark the "No" box for the other person.

Wages, salary, commissions, bonuses, or tips from all jobs. Report amount before deductions for taxes, bonds, dues, or other items.

Enter amount:
$ _____

Self-employment income from own nonfarm businesses or farm businesses, including proprietorships and partnerships. Report NET income after business expenses.

Enter amount:
$ _____

Interest, dividends, net rental income, royalty income, or income from estates and trusts. Report even small amounts credited to an account.

Enter amount:
$ _____

Social Security or Railroad Retirement.

Enter amount:
$ _____

Supplemental Security Income (SSI).

Enter amount:
$ _____

Any public assistance or welfare payments from the state or local welfare office.

Enter amount:
$ _____

Retirement income, pensions, survivor or disability income.

Enter amount:
$ _____

Include income from a previous employer or union, or any regular withdrawals or distributions from IRA, Roth IRA, 401(k), 403(b), or other accounts specifically designed for retirement. Do not include Social Security.

Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support or alimony.

Enter amount:
$ _____

Do NOT include lump sum payments such as money from an inheritance or the sale of a home.

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Did . . . earn income from wages, salary, commissions, bonuses, or tips?

1. Yes
2. No

How much from all jobs? Report the amount before deductions for taxes, bonds, dues or other items

Enter amount:
$ _____

Did . . . earn any income from (his/her) own farm or nonfarm business, proprietorship, or partnership?

1. Yes
2. No

How much? Report net income after business expenses

Enter amount:
$ _____

Did . . . receive any interest, dividends, net rental or royalty income, or income from estates and trusts?

1. Yes
2. No

Include even small amounts credited to an account.

How much?

Enter amount:
$ _____

Did . . . receive any Social Security or Railroad Retirement payments?	1. Yes 2. No
Include payments as a retired worker, dependent, or disabled worker.	
How much?	Enter amount: $ _____

Did . . . receive any income from government programs for Supplemental Security Income (SSI), Family Assistance/Temporary Assistance for Needy Families (TANF), Safety Net, or any other public assistance or public welfare payments, including shelter allowance?	1. Yes 2. No
How much?	Enter amount: $ _____

Did . . . receive any income from retirement, survivor, or disability pensions?	1. Yes 2. No
Include payments from companies, unions, Federal, State, or local governments and the U.S. military. Do NOT include Social Security.	
How much?	Enter amount: $ _____

Did . . . receive any income from Veterans' (VA) payments, unemployment compensation, child support, alimony, or any other regular source of income?	1. Yes 2. No
How much?	Enter amount: $ _____

Rationale

As discussed above, personal income items were modified to increase efficiency and reduce respondent burden. Questions are filled based on responses to the previous question on income sources, which limits the number of questions and ensures simpler question phrasing.

For example, the legacy form of the first question read "Did [PERSON] earn income from wages, salary, commissions, bonuses, or tips? [If so, how much?]." Now, for the large share of adults who only report having a salary, the question reads, "How much did [Person] from salary in [last calendar year]?" with no mention of wages, commissions, bonuses, or tips. This improves readability, ease of translation, and reduces interview time, particularly for less common sources of income that were embedded in longer lists of dissimilar sources (e.g., income from Veterans' (VA) payments, unemployment compensation, child support, alimony, or any other regular source of income).

Recode Usage

Total income earned from various sources will be collapsed to match ACS income categories, with additional sources reported separately. The sum of income for each person will be available as a recode as well total household income, which is the sum of all personal income across all persons in the household.

Other Income Sources	Item	Variable name	Data file
One time payment	E20	INC_ONETIME_P1-INC_ONETIME_P 15	Person
One time payment amount	E21	INC_ONETIME_AMT_P1-INC_ONETIME_AMT_P15	Person

Separate from what we just talked about, in [fill last calendar year], did [you/person] receive any one-time payments, such as inheritance, settlement of a lawsuit, or buyout from a landlord?	1. Yes 2. No Don't Know (Specify Person # to answer)
You indicated that [you/person] received a one-time payment. About how much did [person] receive in [fill last calendar year]?	Enter Amount $_____ Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

INC_ONETIME_AMT_*   Interviewer Note: If more than one, please combine.

Interviewer Note: If the one-time payment went to multiple people, split the amount evenly among recipients

Administration (Universe Description)

INC_ONETIME_P*   This item is looped for each adult in the household (ADULT=1).

INC_ONETIME_AMT_P*   This item is looped for each adult that was recorded as receiving a one-time payment (INC_ONETIME_P[person] = 1).

Source(s)   N/A

NYCHVS History   N/A

Rationale

The NYCHVS income module is based on the structure and definitions used in the American Community Survey (ACS). The ACS specifically excludes any one-time payments ("Do NOT include lump sum payments such as money from an inheritance or the sale of a home"). Pretesting showed that some respondents who received such payments were uncomfortable not being able to report them in the income module. Moreover, stakeholders expressed interest

in being able to identify the prevalence of buy-outs from landlords. Therefore, the NYCHVS team created a "one-time" payment question and refined it based on feedback from the translation team as well as field testing. This information may be used on its own or as a modified household income.

Recode Usage

N/A

Total Income	Item	Variable name	Data file
Total personal income	E36	TOTAL_INC_CONF_P1- TOTAL_INC_CONF_P15	Person

It seems like [you/person] made [Calculate total income for person] in [fill last calendar year]. Does that seem right?	1. Yes 2. No Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

TOTAL_INC_CONF_P*   This item is looped for each adult with income from one or more source (INCSKIP[PERSON]=0 and INC_ONETIME_P[PERSON] = 1).

Source(s)   N/A

NYCHVS History N/A

Rationale

Confirmation items were added to assist Field Representatives. Any answer of "No" to a confirmation question should redirect the FR to go back and work with the respondent to correct answers as appropriate. This reduces error, missing data, and the need for imputation and edits after the conclusion of an interview.

Recode Usage

N/A

Homeowner Tax Deduction	Item	Variable name	Data file
Mortgage tax deduction	B32	MORTDEDUCT_P1-MORTDEDUCT_P15	Person

Last year, did [you/person] claim a mortgage interest tax deduction?

1. Yes, [person] claimed the deduction
2. No, [person] did not claim the deduction
3. No, [person] was not on the mortgage

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

MORTDEDUCT_*   This item is looped for each adult that was identified as an owner of the sampled unit and the owner(s) have a first mortgage (HDEBT_FIRSTMORT = 1).

Source(s)   N/A

NYCHVS History   N/A

Rationale

Stakeholder review identified the lack of information on how many New York City homeowners take a mortgage interest tax deduction on their federal taxes. Recent changes to the tax code may impact the value of this deduction. For this reason, the NYCHVS will ask this question to establish a baseline prevalence now and facilitate time series data in the future.

Recode Usage

N/A

Household Income	Item	Variable name	Data file
Total household income	E37	HHINCOME_CONF_TOTAL	Occupied

It seems like the combined income for you and the people who live with you was [Calculate total household income] in [fill last calendar year]. Does that seem right?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

HHINCOME_CONF_TOTAL   This item is asked of all respondents that recorded more than one person with income or more than one source of income (TOT_INC[*] > 0 and HHSIZE > 1).

Source(s)   N/A

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

In previous survey cycles, this information was only available as a recoded and not based on self-reported information.

Rationale

Confirmation items were added to assist Field Representatives. Any answer of "No" to a confirmation question should redirect the FR to go back and work with the respondent to correct answers as appropriate. This reduces error, missing data, and the need for imputation and edits after the conclusion of an interview.

Recode Usage

N/A

Financial Stability	Item	Variable name	Data file
Ability to pay $400 emergency	F3.2	EMERG400_RATE	Occupied

On a scale of 1 to 10, when 1 is definitely no and 10 is definitely yes, could you pay for an emergency expense that cost $400 now?

1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

EMERG400_RATE   This item is asked of all respondents in occupied units.

Source(s)   Adapted from the Survey of Household Economics and Decision-making (SHED), Federal Reserve

Suppose that you have an emergency expense that costs $400. Based on your current financial situation, how would you pay for this expense? If you would use more than one method to cover this expense, please select all that apply.

1. Put it on my credit card and pay it off in full at the next statement
2. Put it on my credit card and pay it off over time
3. With the money currently in my checking/savings account or with cash
4. Using money from a bank loan or line of credit
5. By borrowing from a friend or family member
6. Using a payday loan, deposit advance, or overdraft
7. By selling something
8. I wouldn't be able to pay for the expense right now
9. Other (please specify): [text box]

How confident are you that you could come up with $2,000 if an unexpected need arose within the next month? I am certain I could come up with

1. I could probably come up with $2,000
2. I could probably not come up with $2,000

the full $2,000

3. I am certain I could not come up with $2,000
4. I am certain I could not come up with $2,000

NYCHVS History	N/A

Rationale

This item was developed by combining two source questions from nationally-representative surveys, and refining it during pretesting. These national surveys highlighted how many households are vulnerable even to small financial shocks.[4] This item provides representative data for New York City specifically and enable researchers to examine how this financial indicator correlates with various housing-related data, including rent burden and residential instability.

Recode Usage

N/A

---

[4] https://www.federalreserve.gov/publications/2019-economic-well-being-of-us-households-in-2018-dealing-with-unexpected-expenses.htm

Physical Health and Healthcare			
Asthma	**Item**	**Variable name**	**Data file**
Diagnosed with asthma		ASTHMA_P1-ASTHMA_P15	Occupied
Asthma attack		ATTACK_P1-ATTACK_P15	Occupied

Which of the people who live in your [apartment/house], including you, have ever been told by a doctor, nurse or other health professional that you had asthma?	1. Person 1 (respondent) 2. Person 2 3. Person 3 4. Person 4 5. Person 5 6. Person 6 7. Person 7 8. Person 8 9. Person 9 10. Person 10 11. Person 11 12. Person 12 13. Person 13 14. Person 14 15. Person 15
In the last year, which of the people who live in your [apartment/house], including you, have had an episode of asthma or an asthma attack?	1. Person 1 (respondent) 2. Person 2 3. Person 3 4. Person 4 5. Person 5 6. Person 6 7. Person 7 8. Person 8 9. Person 9 10. Person 10 11. Person 11 12. Person 12 13. Person 13 14. Person 14 15. Person 15

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

ASTHMA

This item is asked of all respondents in occupied units.

ATTACK_P*

This item is asked for each person in the household that was recorded as having been diagnosed with asthma (ASTHMA_P[Person]=1).

Source(s)	National Health Interview Survey (NHIS) NYC Community Health Survey (CHS)

Have you EVER been told by a doctor or other health professional that you had asthma?

1. Yes
2. No

DURING THE PAST 12 MONTHS, have you had an episode of asthma or an asthma attack?

1. Yes
2. No

NYCHVS History   2002

Has anyone in this household been told by a doctor or other health professional that he/she has asthma?

1. Yes
2. No

How many people?

Enter number of people _____

During the past 12 months, has anyone in this household had an episode of asthma or an asthma attack?

1. Yes
2. No

How many people?

Enter number of people _____

Rationale

For many past cycles, the NYCHVS has included a topical set of items related to health and well-being. Stakeholders expressed interest in continuing to use the NYCHVS to examine the association between housing / residential context and health. Discussions with various user groups and subject matter experts led to the inclusion of two items that were fielded in the 2002 NYCHVS regarding asthma. These were modified to ask about each person in the household, rather than only the respondent, in order to facilitate representative population estimates.

Stakeholders noted that past health items, including the 2002 items on asthma, did not allow researchers to conduct representative analyses on individua outcomes. Other health items administered only to the respondent, such as self-rated health, facilitate some analyses but these are limited because the respondent is not selected at random and is likely to differ in key ways that may matter for health.

Recode Usage

N/A

Healthcare Coverage	Item	Variable name	Data file
Healthcare (employer)	F10	HEALTHPLAN_EMP	Occupied
Healthcare (own)	F10	HEALTHPLAN_OWN	Occupied
Healthcare (direct)	F10	HEALTHPLAN_DIRECT	Occupied
Healthcare (Medicaid)	F10	HEALTHPLAN_MEDICAID	Occupied
Healthcare (Medicare)	F10	HEALTHPLAN_MEDICARE	Occupied
Healthcare (military)	F10	HEALTHPLAN_MILITARY	Occupied
Healthcare (CHIP)	F10	HEALTHPLAN_CHIP	Occupied
Healthcare (State)	F10	HEALTHPLAN_STATE	Occupied
Healthcare (other)	F10	HEALTHPLAN_OTHER	Occupied
Healthcare (none)	F10	HEALTHPLAN_NONE	Occupied

Are you covered by any of the following types of health insurance or health coverage plans?
Check all that apply

Interviewer Instruction: Show Flashcard F10

1. Employer-based
2. Own Employment-based
3. Direct purchase (through private company or exchange)
4. Medicaid
5. Medicare
6. Military health care (TRICARE, CHAMPVA, VA)
7. CHIP, the Children's Health Insurance Program
8. State-specific
9. Any other type of health insurance or health coverage plan
10. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

HEALTHPLAN_EMP   This item is asked of all respondents in occupied units.
HEALTHPLAN_OWN
HEALTHPLAN_DIRECT
HEALTHPLAN_MEDICAID

HEALTHPLAN_MEDICARE
HEALTHPLAN_MILITARY
HEALTHPLAN_CHIP
HEALTHPLAN_STATE
HEALTHPLAN_OTHER
HEALTHPLAN_NONE

Source(s)	American Community Survey (ACS)

Is this person CURRENTLY covered by any of the following types of health insurance or health coverage plans? Mark "Yes" or "No" for EACH type of coverage in items a – h.

Insurance through a current or former employer or union (of this person or another family member)	1. Yes 2. No
Insurance purchased directly from an insurance company (by this person or another family member)	1. Yes 2. No
Medicare, for people 65 and older, or people with certain disabilities	1. Yes 2. No
Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability	1. Yes 2. No
TRICARE or other military health care	1. Yes 2. No
VA (enrolled for VA health care)	1. Yes 2. No
Indian Health Service	1. Yes 2. No
Any other type of health insurance or health coverage plan – Specify	1. Yes 2. No

Source(s)	Current Population Survey (CPS) – ASEC

First, I'm going to ask about (name's/your) health coverage.

Medicare is health insurance for people 65 years and older and people under 65 with disabilities. (Are/Is) (name/you) NOW covered by Medicare?	1. Yes 2. No
(Do/Does) (name/you) NOW have any type of health plan or health coverage?	1. Yes 2. No
(Are/Is/Was/Were) (name/you) covered by Medicaid, Medical Assistance, or (CHIP/or Medicare)?	1. Yes 2. No
(Are/Is) (name/you) NOW covered by a state or government assistance program that helps pay for healthcare, such as: State Medicaid, CHIP, Exchange/Portal, or other State Health program?	1. Yes 2. No
(Are/Is) (name/you) NOW covered by Veteran's Administration (VA) care?	1. Yes 2. No
I recorded that (name/you) (are/is) not currently covered by a health plan. Is that correct?	1. Yes 2. No

---

NYCHVS History   2005

Are you covered by health insurance or some other kind of health care plan? (Include health insurance obtained through employment or purchased directly as well as government programs such as Medicare or Medicaid that help pay medical bills.)	1. Yes 2. No
What kind of health insurance or health care coverage do you have? (If there is more than one kind, just say which one is used the most.)	1. Private health insurance plan from employer or workplace 2. Private health insurance plan purchased directly 3. Medicare 4. Family Health Plus or Medicaid 5. US Military, CHAMPUS, TriCare, or

the Veterans Administration (VA)
6 Single service plan (dental, vision, prescription, etc.)
7 Some other plan
8 None

Rationale

Stakeholder discussions identified type of healthcare and corresponding cost as an important household expense that is used to calculate alternative poverty measures. Although the American Community Survey (ACS) produces estimates for healthcare coverage, by type, it does not gather costs, nor does it provide sufficient granularity. Based on the recommendation of subject matter experts, the NYCHVS will replicate the item used in the Survey of Income and Program Participation (SIPP). This information may be used on its own, in conjunction with cost information (see section below), or in combination with delay of healthcare for financial reasons and various household expenses gathered throughout the survey.

Note: This information is not representative of healthcare coverage for the entire population as it is only asked for the main health insurance plan for the respondent and not every member of the household.

Recode Usage

N/A

Main Health Plan	Item	Variable name	Data file
Main healthcare plan	F10.05	MAINHEALTHPLAN	Occupied
Person on plan	F10.1	MAINHEALTHPLAN_P1-MAINHEALTHPLAN_P15	Occupied
Premium costs	F11	MAINHEALTHPLAN_PREM_COST	Occupied
Medical expenses (any)	F11.5	HEALTHCOSTS	Occupied
Medical expenses amount	F12	HEALTHCOSTS_COST	Occupied

Which is your main health insurance or health coverage plan?

1. Employer-based
2. Own Employment-based
3. Direct purchase (through private company or exchange)
4. Medicaid
5. Medicare
6. Military health care (TRICARE, CHAMPVA, VA)
7. CHIP, the Children's Health Insurance Program
8. State-specific
9. Any other type of health insurance or health coverage plan
10. No

Which of the people you live with are on this health insurance plan?

Check all that apply

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

How much do [you/you and the people you live with] contribute to the premium for that plan each month?

Enter amount:
$_____

During the last year, did [you/you and the people on your plan] have any medical expenses that

1. Yes
2. No

exceeded $200?

In the last year, about how much did [you/you and anyone else on your plan] pay for medical care, including payments for hospital visits, medical providers, dentists, medicine, or medical supplies?

1. $1 to $100
2. $101 to $250
3. $251 to $500
4. $501 to $1000
5. $1001 to $1500
6. $1501 to $2000
7. $2001 to $3000
8. $3001 to $5000
9. $5001 or more
10. None

Scripting

N/A

Interviewer Notes and Optional Text

MAINHEALTHPLAN_PREM_COST	Interviewer Note: If the contribution varies from one month to the next, enter the payment for LAST MONTH.
HEALTHCOSTS HEALTHCOSTS_COST	Interviewer note: Do not include premium payments

---

Administration (Universe Description)

MAINHEALTHPLAN	This item is asked of respondents that reported having more than one health plan (more than one HEALTHPLAN_* selected).
MAINHEALTHPLAN_P*	This item is asked of respondents that reported having a health plan (HEALTHPLAN_NONE <> 1).
MAINHEALTHPLAN_PREM_COST	This item is asked of respondents that reported having a health plan (HEALTHPLAN_NONE <> 1).
HEALTHCOSTS	This item is asked of all respondents in occupied units.
HEALTHCOSTS_COST	This item is asked of respondents who reported having health costs (HEALTHCOSTS = 1).

Source(s)   N/A

Rationale

Moving forward, the NYCHVS will collect basic information about healthcare costs, including any premium payments and out-of-pocket costs, for the respondent as well as any other household members that share the same plan. This information may be used by itself or may be used to model costs that can be applied to all households to estimate representative costs and coverage. Inclusion in the NYCHVS will support estimates of alternative poverty measures.[5]

Note: This information is not representative of healthcare coverage for the entire population as it is only asked for the main health insurance plan for the respondent and not every member of the household.

Recode Usage

N/A

---

[5] https://www1.nyc.gov/assets/opportunity/pdf/NYCgovPoverty2019_Appendix_H.pdf

Delay of Healthcare	Item	Variable name	Data file
Delay of healthcare (dental)	F4	DELAYHC_DENTAL	Occupied
Delay of healthcare (checkup)	F4	DELAYHC_CHECKUP	Occupied
Delay of healthcare (mental)	F4	DELAYHC_MENTAL	Occupied
Delay of healthcare (diagnosis)	F4	DELAYHC_DIAG	Occupied
Delay of healthcare (prescription)	F4	DELAYHC_SCRIPT	Occupied
Delay of healthcare (none)	F4	DELAYHC_NONE	Occupied

In the last year, did you delay any
of the following types of health care for
financial reasons?
Check all that apply

[INTERVIEWER: Show Response Card F4]

1. Dental
2. Preventive care / check up
3. Mental health
4. Treatment or diagnosis of illness or
health condition
5. Prescription drugs
6. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

DELAYHC_*   This item is asked of all respondents in occupied units.

Source(s)	Annual Health and Healthcare Poll (Gallup) New York City Housing and Neighborhood Study (NYCHANS) NYCHVS

Within the last 12 months, have you or a member
of your family put off any sort of medical treatment
because of the cost you would have to pay?

1. Yes
2. No

When you put off this medical treatment, was it for
a condition or illness that was very serious,
somewhat serious, not very serious, or not at all
serious?

1. Very serious
2. Somewhat serious
3. Not very serious
4. Not at all serious

In the last 12 months, did you postpone any of the
following types of health care for financial
reasons?

Dental	1. Yes 2. No
Preventive care/check-up	1. Yes 2. No
Mental health	1. Yes 2. No
Treatment or diagnosis of illness or health condition	1. Yes 2. No
Prescription drugs	1. Yes 2. No

Rationale

The NYCHVS included a version of this item in 2011 and again in 2017. It was adapted from the
original Gallup question to include specific types of healthcare, rather than only treatment and
modified further by replacing "postpone" with "delay" to ensure equivalency in different
languages and comprehension across education levels. Data from the 2017 NYCHVS has been
used to evaluate the correlation between housing affordability and delay of critical expenses[6]
and may be used to estimate changes over time, as has been done by Gallup.[7] Because this
question has been asked prior to the implementation of the Affordable Care Act, it may also be
used to estimate discontinuities over time as healthcare policies change.

Note: This information is not representative of the entire population as it is only asked for the
respondent and not every member of the household.

Recode Usage

N/A

Childcare

---

[6] https://www.tandfonline.com/doi/abs/10.1080/10511482.2015.1020321
[7] https://news.gallup.com/poll/269138/americans-delaying-medical-treatment-due-cost.aspx

Monthly Costs	Item	Variable name	Data file
Childcare costs	F71	CHILDCARE_AMT	Occupied
Children in childcare	F71	CHILDCARE_P1-CHILDCARE_P15	Occupied

Last month, how much did [you/you and anyone you live with] pay for childcare?

Enter Amount
$_____

Don't Know (Specify Person # to answer)

Last month, which child(ren) were in childcare [you/you and the people you live with] had to pay for?

2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Don't Know (Specify Person # to answer)

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

CHILDCARE_AMT   This item is asked of all respondents with one or more child age 12 or younger in the household (AGE_COMPUTED* <= 12).

CHILDCARE_P*   This item is asked of respondents who reported paying for childcare (CHILDCARE_AMT>0).

Source(s)   N/A

Rationale

Stakeholders expressed an interest in having data on major household expenses, including costs of childcare. To our knowledge, there is not representative source of information on childcare costs for New York City. These data are valuable for analyzing the association between rent burden and the share of income required for other expenses. They are also valuable as part of alternative poverty measures.[8]

Recode Usage

N/A

---

[8] https://www1.nyc.gov/assets/opportunity/pdf/NYCgovPoverty2019_Appendix_G.pdf

Personal Debt			
Debt Type	**Item**	**Variable name**	**Data file**
Debt type (student loan)	F18	DEBT_STUDENT	Occupied
Debt type (car)	F18	DEBT_CAR	Occupied
Debt type (loans from relatives)	F18	DEBT_FAMILY	Occupied
Debt type (credit card)	F18	DEBT_CREDIT	Occupied
Debt type (medical)	F18	DEBT_MEDICAL	Occupied
Debt type (legal)	F18	DEBT_LEGAL	Occupied
Debt type (other)	F18	DEBT_OTHER	Occupied

[Other than [LOAN],]please tell me all of the types of debt you currently have.
Check all that apply

Interviewer: Show Response Card F18:

1. Student Loans
2. Car Loans
3. Loans from relatives and friends
4. Credit Cards
5. Medical Bills
6. Legal Bills
7. Other
8. None

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

DEBT_*   This item is asked of all respondents in occupied units.

Source(s)   Adapted from Panel Study of Income Dynamics (PSID)

Aside from the debts that we have already talked about, do you [or anyone in your family living there] currently have any credit card or store card debt? Do not count new debt that will be paid off this month.

1. Yes
2. No

Do you [or anyone in your family living there] currently have any other debts such as student loans, medical or legal
bills, or loans from relatives?

1. Student loans
2. Medical bills
3. Legal bills
4. Loans from relatives

• ENTER all that apply   5. Other-specify
• PROBE: Any others?   6. No

NYCHVS History   N/A

Rationale

Stakeholders expressed interest in understanding the overall financial health of New Yorkers, including current debt levels by type, in order to better understand the association between housing affordability and financial health. To our knowledge, there is no publicly available microdata on consumer debt in New York City. Although the Federal Reserve Bank of New York provides analysis based on its Consumer Credit Panel,[9] this analysis is descriptive and does not enable any analysis of the association among debt and other characteristics such as demographics or housing costs.

Pretesting of different forms of these items showed that debt questions are cognitively burdensome when asked in the aggregate (e.g., "How much total debt do you have now?"). Individuals are better able to provide a response to questions about specific types of debt, but many are unable to report on exact amounts. Moreover, many respondents are unable to answer proxy questions about other household members' levels of debt. For these reasons, the NYCHVS developed questions based on the Panel Study of Income Dynamics (PSID), including the use of unfolding brackets to get at approximate amounts of debt when a respondent is unable to answer with a specific dollar value. Car loans were added as a separate answer category based on prevalence.

Note: To reduce respondent burden and follow-up, these questions are only asked of the respondent and not of all individuals in the household. This information is therefore not representative of the entire population.

Recode Usage

N/A

---

[9] https://www.newyorkfed.org/regional-economy/profiles/newyorkcity

Student Loan Debt	Item	Variable name	Data file
Student loan debt	F26	DEBT_STUDENT_AMT	Occupied
Student loan debt (25K)	F27	DEBT_STUDENT_25K	Occupied
Student loan debt (50K)	F28	DEBT_STUDENT_50K	Occupied
Student loan debt (10K)	F29	DEBT_STUDENT_10K	Occupied
Student loan debt (75K)	F30	DEBT_STUDENT_75K	Occupied

If you added up all student loans, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $25,000 or more?

1. Yes
2. No

(Would they amount to) $50,000 or more?

1. Yes
2. No

(Would they amount to) $10,000 or more?

1. Yes
2. No

(Would they amount to) $75,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

DEBT_STUDENT_AMT   Interviewer Note: Report unpaid balance(s), or student loans that are outstanding

---

Administration (Universe Description)

DEBT_STUDENT_AMT   This item is asked for respondents who reported having student debt (DEBT_STUDENT = 1).

DEBT_STUDENT_25K   This item is administered to respondents who reported having student debt but who did not report the exact amount (if DEBT_STUDENT = 1 and DEBT_STUDENT_AMT = DK).

DEBT_STUDENT_50K   This item is administered to respondents who reported having

student debt that was more than $25,000 (if DEBT_STUDENT = 1 and DEBT_STUDENT_25K=1).

DEBT_STUDENT_10K   This item is administered to respondents who reported having student debt that was less than $25,000 (if DEBT_STUDENT = 1 and DEBT_STUDENT_25K =2).

DEBT_STUDENT_75K   This item is administered to respondents who reported having student debt that was more than $50,000 (if DEBT_STUDENT = 1 and DEBT_STUDENT_50K= 1).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

If you added up all student loans [for all of your family living there], about how much would they amount to right now? • INCLUDE unpaid balance(s), or student loans that are outstanding	Enter Amount $_____
Would they amount to $25,000 or more?	1. Yes 2. No
(Would they amount to) $50,000 or more?	1. Yes 2. No
(Would they amount to) $10,000 or more?	1. Yes 2. No
(Would they amount to) $75,000 or more?	1. Yes 2. No

NYCHVS History	N/A

Rationale

See the rationale in the section on types of debt above.

Recode Usage

N/A

Car Loans	Item	Variable name	Data file
Car loan debt	F76	DEBT_CAR_AMT	Occupied
Car loan debt (4K)	F77	DEBT_CAR_4K	Occupied
Car loan debt (10K)	F78	DEBT_CAR_10K	Occupied
Car loan debt (1K)	F79	DEBT_CAR_1K	Occupied
Car loan debt (20K)	F80	DEBT_CAR_20K	Occupied

If you added up all the car loans, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $4,000 or more?

1. Yes
2. No

(Would they amount to) $10,000 or more?

1. Yes
2. No

(Would they amount to) $1,000 or more?

1. Yes
2. No

(Would they amount to) $20,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

DEBT_CAR_AMT   This item is asked for respondents who reported having car debt (DEBT_CAR = 1).

DEBT_CAR_4K   This item is administered to respondents who reported having car debt but who did not report the exact amount (if DEBT_CAR = 1 and DEBT_CAR_AMT = DK).

DEBT_CAR_10K   This item is administered to respondents who reported having car debt that was more than $4,000 (if DEBT_CAR = 1 and

DEBT_CAR_4K=1).

DEBT_CAR_1K   This item is administered to respondents who reported having car
                     debt that was less than $10,000 (if DEBT_CAR = 1 and
                     DEBT_CAR_4K =2).

DEBT_CAR_20K   This item is administered to respondents who reported having car
                     debt that was more than $10,000 (if DEBT_CAR = 1 and
                     DEBT_CAR_10K= 1).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

NYCHVS History	N/A

Rationale	

See the rationale in the section on types of debt above.

Recode Usage	

N/A

Loans from Relatives	Item	Variable name	Data file
Debt to relatives	F41	DEBT_FAMILY_AMT	Occupied
Debt to relatives (4K)	F42	DEBT_FAMILY_4K	Occupied
Debt to relatives (10K)	F43	DEBT_FAMILY_10K	Occupied
Debt to relatives (1K)	F44	DEBT_FAMILY_1K	Occupied
Debt to relatives (20K)	F45	DEBT_FAMILY_20K	Occupied

If you added up all loans from relatives and friends, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $4,000 or more?

1. Yes
2. No

(Would they amount to) $10,000 or more?

1. Yes
2. No

(Would they amount to) $1,000 or more?

1. Yes
2. No

(Would they amount to) $20,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

DEBT_FAMILY_AMT   Interviewer Note: Record unpaid balance(s), or loans from relatives that are outstanding

---

Administration (Universe Description)

DEBT_FAMILY_AMT   This item is asked for respondents who reported having family debt (DEBT_FAMILY= 1).

DEBT_FAMILY_4K	This item is administered to respondents who reported having family debt but who did not report the exact amount (if DEBT_FAMILY = 1 and DEBT_FAMILY_AMT = DK).
DEBT_FAMILY_10K	This item is administered to respondents who reported having family debt that was more than $4,000 (if DEBT_FAMILY = 1 and DEBT_FAMILY_4K=1).
DEBT_FAMILY_1K	This item is administered to respondents who reported having family debt that was less than $10,000 (if DEBT_FAMILY = 1 and DEBT_FAMILY_4K =2).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

How about loans from relatives (how much would they amount to right now) / ALL OTHERS: If you added up all loans from relatives [for all of your family living there], about how much would they amount to right now]?	Enter Amount $_____
Would they amount to $4,000 or more?	1. Yes 2. No
(Would they amount to) $10,000 or more?	1. Yes 2. No
(Would they amount to) $1,000 or more?	1. Yes 2. No
(Would they amount to) $20,000 or more?	1. Yes 2. No

NYCHVS History	N/A

Rationale

See the rationale in the section on types of debt above.

Recode Usage

N/A

Credit Card Debt	Item	Variable name	Data file
Credit card debt	F20	DEBT_CREDIT_AMT	Occupied
Credit card debt (5K)	F21	DEBT_CREDIT_5K	Occupied
Credit card debt (10K)	F22	DEBT_CREDIT_10K	Occupied
Credit card debt (15K)	F23	DEBT_CREDIT_15K	Occupied
Credit card debt (1K)	F24	DEBT_CREDIT_1K	Occupied

If you added up all credit card debts, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $5,000 or more?

1. Yes
2. No

(Would they amount to) $10,000 or more?

1. Yes
2. No

(Would they amount to) $15,000 or more?

1. Yes
2. No

(Would they amount to) $1,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

DEBT_CREDIT_AMT   IF NEEDED: Include store card debt.
IF NEEDED: Please do not count any new debt that will be paid off this month.

Interviewer Note: Record unpaid balance(s) only, or credit card and store card debts that are outstanding

---

Administration (Universe Description)

DEBT_CREDIT_AMT   This item is asked for respondents who reported having credit card debt (DEBT_CREDIT= 1).

DEBT_CREDIT_5K   This item is administered to respondents who reported having credit card debt but who did not report the exact amount (if DEBT_CREDIT= 1 and DEBT_CREDIT_AMT = DK).

DEBT_CREDIT_10K   This item is administered to respondents who reported having credit card debt that was more than $5,000 (if DEBT_CREDIT= 1 and DEBT_CREDIT_5K=1).

DEBT_CREDIT_1K   This item is administered to respondents who reported having credit card debt that was less than $5,000 (if DEBT_CREDIT= 1 and DEBT_CREDIT_5K =2).

DEBT_CREDIT_15K   This item is administered to respondents who reported having credit card debt that was more than $10,000 (if DEBT_CREDIT= 1 and DEBT_CREDIT_10K =1).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

W39A. If you added up all credit card and store card debts [for all of your family living there], about how much would they amount to right now? (Please do not count any new debt that will be paid off this month.)

Enter Amount
$_____

• INCLUDE unpaid balance(s) only, or credit card and store card debts that are outstanding

Would they amount to $5,000 or more?
1. Yes
2. No

(Would they amount to) $10,000 or more?
1. Yes
2. No

(Would they amount to) $1,000 or more?
1. Yes
2. No

(Would they amount to) $15,000 or more?　　　1. Yes
　　　　　　　　　　　　　　　　　　　　　　　2. No

NYCHVS History　　N/A

Rationale

See the rationale in the section on types of debt above.

Recode Usage

N/A

Medical Debt	Item	Variable name	Data file
Medical debt	F31	DEBT_MEDICAL_AMT	Occupied
Medical debt (3K)	F32	DEBT_MEDICAL_3K	Occupied
Medical debt (10K)	F33	DEBT_MEDICAL_10K	Occupied
Medical debt (25K)	F34	DEBT_MEDICAL_25K	Occupied
Medical debt (1K)	F35	DEBT_MEDICAL_1K	Occupied

If you added up all medical bills, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $3,000 or more?

1. Yes
2. No

(Would they amount to) $10,000 or more?

1. Yes
2. No

(Would they amount to) $25,000 or more?

1. Yes
2. No

(Would they amount to) $1,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

DEBT_MEDICAL_AMT   Interviewer Note: Record unpaid balance(s), or medical bills that are outstanding

Administration (Universe Description)

DEBT_MEDICAL_AMT   This item is asked for respondents who reported having medical debt (DEBT_MEDICAL= 1).

DEBT_MEDICAL_5K   This item is administered to respondents who reported having medical debt but who did not report the exact amount (if DEBT_MEDICAL= 1 and DEBT_MEDICAL_AMT = DK).

DEBT_MEDICAL_10K	This item is administered to respondents who reported having medical debt that was more than $5,000 (if DEBT_MEDICAL= 1 and DEBT_MEDICAL_5K=1).
DEBT_MEDICAL_1K	This item is administered to respondents who reported having medical debt that was less than $5,000 (if DEBT_MEDICAL= 1 and DEBT_MEDICAL_5K =2).
DEBT_MEDICAL_15K	This item is administered to respondents who reported having medical debt that was more than $10,000 (if DEBT_MEDICAL= 1 and DEBT_MEDICAL_10K =1).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

How about medical bills (how much would they amount to right now) / ALL OTHERS: If you added up all medical bills [for all of your family living there], about how much would they amount to right now]?	Enter Amount $_____
Would they amount to $3,000 or more?	1. Yes 2. No
(Would they amount to) $10,000 or more?	1. Yes 2. No
(Would they amount to) $25,000 or more?	1. Yes 2. No
(Would they amount to) $1,000 or more?	1. Yes 2. No

NYCHVS History	N/A

Rationale

See the rationale in the section on types of debt above.

Recode Usage

N/A

Legal Debt	**Item**	**Variable name**	**Data file**

Legal debt	F36	DEBT_LEGAL_AMT	Occupied
Legal debt (3K)	F37	DEBT_LEGAL_3K	Occupied
Legal debt (10K)	F38	DEBT_LEGAL_10K	Occupied
Legal debt (25K)	F39	DEBT_LEGAL_25K	Occupied
Legal debt (1K)	F40	DEBT_LEGAL_1K	Occupied

If you added up all legal bills, about how much would they amount to right now?

Enter Amount
$_____

Would they amount to $3,000 or more?

1. Yes
2. No

(Would they amount to) $8,000 or more?

1. Yes
2. No

(Would they amount to) $1,000 or more?

1. Yes
2. No

(Would they amount to) $20,000 or more?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

DEBT_LEGAL_AMT   Interviewer Note: Record unpaid balance(s), or legal bills that are outstanding

Administration (Universe Description)

DEBT_LEGAL_AMT   This item is asked for respondents who reported having legal debt (DEBT_LEGAL= 1).

DEBT_LEGAL_5K   This item is administered to respondents who reported having legal debt but who did not report the exact amount (if DEBT_LEGAL= 1 and DEBT_LEGAL_AMT = DK).

DEBT_LEGAL_10K   This item is administered to respondents who reported having legal

	debt that was more than \$5,000 (if DEBT_LEGAL= 1 and DEBT_LEGAL_5K=1).
DEBT_LEGAL_1K	This item is administered to respondents who reported having legal debt that was less than \$5,000 (if DEBT_LEGAL= 1 and DEBT_LEGAL_5K =2).
DEBT_LEGAL_15K	This item is administered to respondents who reported having legal debt that was more than \$10,000 (if DEBT_LEGAL= 1 and DEBT_LEGAL_10K =1).

Source(s)	Adapted from Panel Study of Income Dynamics (PSID)

How about legal bills (how much would they amount to right now) / ALL OTHERS: If you added up all legal bills [for all of your family living there], about how much would they amount to right now]?

Enter Amount
\$_____

Would they amount to \$3,000 or more?	1. Yes
	2. No

(Would they amount to) \$8,000 or more?	1. Yes
	2. No

(Would they amount to) \$1,000 or more?	1. Yes
	2. No

(Would they amount to) \$20,000 or more?	1. Yes
	2. No

NYCHVS History	N/A

Rationale	

See the rationale in the section on types of debt above.

Recode Usage	

N/A

Total Personal Debt	Item	Variable name	Data file
Total debt	F36	DEBT_LEGAL_AMT	Occupied

It seems like you have [pipe total debt] in these types of debt, does that seem right?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

TOTAL_DEBT_CONF   Interviewer note: If not correct, go back to correct debt amounts

---

Administration (Universe Description)

TOTAL_DEBT_CONF   This item is asked for respondents who reported having debt of one or more type (one or more DEBT_* reported).

Source(s)   N/A

NYCHVS History   N/A

Rationale

Confirmation items were added to assist Field Representatives. Any answer of "No" to a confirmation question should redirect the FR to go back and work with the respondent to correct answers as appropriate. This reduces error, missing data, and the need for imputation and edits after the conclusion of an interview.

Recode Usage

N/A

Relative Debt Level	Item	Variable name	Data file
More / less debt than 1 year ago	F52	RELDEBT_1YR	Occupied
More / less debt than 5 years ago	F53	RELDEBT_5YR	Occupied

Altogether, is that more debt, less debt, or the same amount of debt you had a year ago?

1. More
2. Less
3. About the same

Altogether, is that more debt, less debt, or the same amount of debt you had five years ago?

1. More
2. Less
3. About the same

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

RELDEBT_*   This item is asked for respondents who reported having debt of one or more type (one or more DEBT_* reported).

Source(s)   New York City Housing and Neighborhood Study (NYCHANS)

[Q_285] Altogether, is this more or less debt than you had a year ago?

1. More
2. Less
3. About the same

Q_286] Altogether, is this more or less debt that you had five years ago?

1. More
2. Less
3. About the same

NYCHVS History   N/A

Rationale

The NYCHVS now captures personal debt by type for the respondent (see section above) and moving forward users will be able to see aggregate differences in the total or median debt over time; however, disclosure avoidance will preclude users from accessing longitudinal data on

changes in a given respondent's debt as part of the Public Use File (PUF). Net changes in debt level from self-report offers qualitative information that can be used for various analytic purposes.

These questions have been fielded previously as part of an in-person interview with low-income New Yorkers. The questions have performed well, with low item non-response and reasonable variation. These items may be used on their own or in conjunction with self-report information on amount of debt by type, income, and/or housing costs.

Recode Usage

N/A

Education

Educational Attainment	Item	Variable name	Data file
Last place educated	K1	PLACEEDUC_P1-PLACEEDUC_P15	Person
Highest education (US)	E33	EDUC_P1-EDUC_P15	Person
Country where educated	K3	COUNTRYEDUC_P1-COUNTRYEDUC_P15	Person
Highest education (other country)	K9	SECONDSCHL_SPEC_P1-SECONDSCHL_SPEC_P15	Person
Secondary school (other country)	K4	SECONDSCHL_GEN_P1-SECONDSCHL_GEN_P15	Person
Years of school (other country)	K5	SCHLYEARS_P1-SCHLYEARS_P15	Person
Tertiary school (other country)	K6	COLLYEARS_P1-COLLYEARS_P15	Person
College equivalent (other country)	K7	COLLEQUIV_P1-COLLEQUIV_P15	Person
Graduate school (other country)	K8	GRADSCHL_P1-GRADSCHL_P15	Person
Type of graduate school	K8.1	GRADSCHL_TYPE_P1-GRADSCHL_TYPE_P15	Person
In school now	E35.1	SCHLNOW_P1-SCHLNOW_P15	Person

When [you were/[person] was] last in school, was that in the United States, or someplace else?	1. United States 2. Someplace Else
How much school [have you/has [person]] completed?	1. No school completed 2. Kindergarten 3. Grade 1 through 11 - (Specify grade 1-11)_____ 4. 12th grade - No Diploma 5. Regular high school diploma 6. GED or alternative credential 7. Some college credit, but less than 1 year of college credit 8. 1 or more years of college credit, no degree 9. Associate's degree (for example: AA, AS) 10. Bachelor's degree (for example: BA, BS) 11. Master's degree (for example: MA, MS, MEng, MEd, MSW, MBA) 12. Professional degree beyond a bachelor's degree (for MD, DDS, DVM,

	LLB, JD) 13. Doctorate degree (for example: PhD, EdD)
In what country [were you/was person] last in school?	1. Dominican Republic 2. China 3. Jamaica 4. Mexico 5. Guyana 6. Ecuador 7. Haiti 8. Trinidad & Tobago 9. Bangladesh 10. India 11. Colombia 12. Ukraine 13. Russia 14. South Korea (Republic of Korea) 15. Philippines 16. A country not on the list
Did [you/person] obtain a [INSERT NAME OF SECONDARY SCHOOL COMPLETION CERTIFICATE BASED ON COUNTRY AND LANGUAGE OF INTERVIEW] or a similar diploma or certificate?	1. Yes 2. No
Did [you/person] obtain a certificate or diploma that is the similar to a high school diploma?	1. Yes 2. No
How many years of school did [you/person] complete after age 5?	Enter number of years_____
How many years of school or college did [you/person] complete after that, if any?	Enter number of years_____
Did [you/person] obtain a certificate or diploma similar to a 4-year college degree?	1. Yes 2. No

Did [you/person] obtain any degree or certificate higher than college?	1. Yes 2. No
Was that a Master's, Professional, or Doctorate degree?	1. Yes 2. No
At any time in the last 3 months, [were you/was Person] in school or college?	1. Yes 2. No
What grade or type of school [were you/was Person] attending?	1. Grade 1 through 12 - Specify grade 1-12 _____ 2. GED program 3. College undergraduate years (freshman to senior) 4. Graduate or professional school beyond a bachelor's degree (for example: MA or PhD program, or medical or law school) 5. Occupational, vocational, or apprenticeship program 6. Literacy or ESL program

Scripting

N/A

Interviewer Notes and Optional Text

PLACEEDUC_P*   Interviewer Note: If person was last in school in Puerto Rico, mark United States

EDUC_P*   Interviewer Note: Code based on respondent's answer to open-ended question

SECONDSCHL_GEN_P*   IF NEEDED: A high school diploma in the United States is the end of secondary school or generally the equivalent to 12 years of schooling

COLLEQUIV_P*   Interviewer Note: For the equivalent degree or certificate in respondent's country of origin, please reference the NYCHVS manual.

GRADSCHL_TYPE_P*   Interviewer Note: Please code as closely as possible. Do not

consider technical certificates or vocational training to be a Professional degree.

Administration (Universe Description)

PLACEEDUC_P*   This item is looped for each person age six or older in occupied units (AGECOMPUTED>=6)

EDUC_P*   This item is looped for each person that was recorded as being educated in the United States (PLACEEDUC_P[Person]=1).

COUNTRYEDUC_P*   This item is looped for each person that was recorded as being educated in a country other than the United States (PLACEEDUC_P[Person]=2).

SECONDSCHL_SPEC_P*   This item is looped for each person that was educated in a country for which detailed educational information is provided (COUNTRYEDUC_P[Person] <> 16).

SECONDSCHL_GEN_P*   This item is looped for each person that was educated in a country for which detailed educational information is not available (COUNTRYEDUC_P[Person] = 16).

SCHLYEARS_P*   This item is looped for each person that did not complete secondary school in one of the countries where detailed educational information is provided (SECONDSCHL_GEN_P[Person]=2).

COLLYEARS_P*   This item is looped for each person that completed secondary school in one of the countries where detailed educational information is provided (SECONDSCHL_GEN_P[Person]=1).

COLLEQUIV_P*   This item is looped for each person that completed four years of college in a country other than the United States (COLLYEARS_P[Person] >= 4).

GRADSCHL_P*   This item is looped for each person that completed the equivalent of a four-year college degree outside of the United States (COLLEQUIV_P[Person] = 1).

GRADSCHL_TYPE_P*   This item is looped for each person that completed graduate training outside of the United States (GRADSCHL_P[Person]=1).

SCHLNOW_P*   This item is looped for each person age six or older (AGE_COMPUTED[PERSON] > 6).

SCHLNOW_TYPE_P*   This item is looped for each person that is now in school (SCHLNOW_P[Person]=1).

Source(s)	N/A

NYCHVS History	1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

How much school have you/has . . . completed?	1. No school completed 2. Up to 6th grade 3. 7th or 8th grade 4. 9th, 10th, 11th, or 12th grade, but no H.S. diploma 5. H.S. diploma 6. Some college, but no degree 7. Associate degree 8. College graduate 9. Some graduate/professional training 10. Graduate/professional degree

Rationale

Review by subject matter experts, the NYCHVS translation team, and CBSM (including focus groups with bi-lingual Field Representatives from the 2017 NYCHVS) identified challenges with the legacy form of the educational attainment question. Respondents who were educated outside of the United States often do not have grade levels, diplomas, or years of schooling equivalent to U.S. educational categories. This poses challenges to respondent understanding as well as verbatim translation. This is an issue across many surveys, but is particularly impactful for New York City where the immigrant population is substantial.

The revised NYCHVS educational attainment items were developed to facilitate three different strategies that are designed to harmonize educational attainment levels across all respondents based on the International Standard Classification of Education (ISCED).

Those educated in the United States, including Puerto Rico, will continue to be asked an educational attainment question similar to the legacy NYCHVS item.

Those educated in one of 15 countries will be asked a set of education questions that are filled with specific diploma names from the place of last education. Education levels are compiled in the ISCED 2011, which is a product of the United Nations International Family of Economic and Social Classifications and adopted formally by the General Conference of UNESCO Member States.[10] Education levels are filled in the questionnaire in the native language where appropriate. These countries were selected based on prevalence of country of origin in New York City in order to optimize coverage, translation, and efficiency of programming.

Those that were educated in another country are asked a battery of questions that collects years of education from age six and older, as well as receipt of diplomas or

---

[10] http://uis.unesco.org/sites/default/files/documents/international-standard-classification-of-education-isced-2011-en.pdf

certificates that are similar to a high school diploma, college diploma, or graduate training.

Field representatives receive training in these items in order to support complete and accurate information from respondents who may have completed their education at different times and under different systems than what is captured by the ISCED 2011.

Recode Usage

Educational attainment items are recoded to harmonize across different places of education following the ISCED levels from 0/1 to 8.

Disability

Type of Disability	Item	Variable name	Data file
Disability (hearing)	A26	DIS_HEAR_P1-DIS_HEAR_P15	Person
Disability (seeing)	A27	DIS_SEE_P1-DIS_SEE_P15	Person
Disability (remembering)	A28	DIS_REMEMB_P1-DIS_REMEMB_P15	Person
Disability (walking)	A29	DIS_WALK_P1-DIS_WALK_P15	Person
Disability (dressing)	A30	DIS_DRESS_P1-DIS_DRESS_P15	Person
Disability (doing errands)	A31	DIS_ERRAND_P1-DIS_ERRAND_P15	Person

Which of the people who live in your [apartment/house], including you, are deaf or have serious difficulty hearing?

INTERVIEWER: Reference roster card

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Which of the people who live in your [apartment/house], including you, are blind or have serious difficulty seeing even when wearing glasses?

INTERVIEWER: Reference roster card

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Which of the people who live in your [apartment/house], including you, have serious difficulty concentrating, remembering, or making

1. Person 1 (respondent)
2. Person 2
3. Person 3

decisions because of a physical, mental, or emotional condition?

INTERVIEWER: Reference roster card

4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Which of the people who live in your [apartment/house], including you, have serious difficulty walking or climbing stairs?

INTERVIEWER: Reference roster card

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Which of the people who live in your [apartment/house], including you, have difficulty dressing or bathing?

INTERVIEWER: Reference roster card

1. Person 1 (respondent)
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Which of the adults who live in your [apartment/house], including you, have difficulty doing errands alone such as visiting a doctor's

1. Person 1 (respondent)
2. Person 2
3. Person 3

office or shopping because of a physical, mental,
or emotional condition?

4. Person 4
5. Person 5
6. Person 6
7. Person 7

INTERVIEWER: Reference roster card
8. Person 8
9. Person 9
10. Person 10
11. Person 11
12. Person 12
13. Person 13
14. Person 14
15. Person 15

Scripting

BeforeDIS_HEAR_P*:
These last questions will ask about disability, military status, race and ethnicity, and sexual
orientation and gender identity. This information helps us to understand the experiences of
ALL New Yorkers.

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

DIS_HEAR_P*	This item is asked of all persons age five or older (AGE_COMPUTED[PERSON] > 5).
DIS_SEE_P*	This item is asked of all persons age five or older (AGE_COMPUTED[PERSON] > 5).
DIS_REMEMB_P*	This item is asked of all persons age five or older (AGE_COMPUTED[PERSON] > 5).
DIS_WALK_P*	This item is asked of all persons age five or older (AGE_COMPUTED[PERSON] > 5).
DIS_DRESS_P*	This item is asked of all persons age five or older (AGE_COMPUTED[PERSON] > 5).
DIS_ERRAND_P*	This item is asked of all persons age fifteen or older (AGE_COMPUTED[PERSON] > 15).

Source(s)	Adapted from the American Community Survey (ACS)

Is this person deaf or does he/she have serious
difficulty hearing?

1. Yes
2. No

Is this person blind or does he/she have serious difficulty seeing even when wearing glasses?

1. Yes
2. No

Because of a physical, mental, or emotional condition, does this person have serious difficulty concentrating, remembering, or making decisions?

1. Yes
2. No

Does this person have serious difficulty walking or climbing stairs?

1. Yes
2. No

Does this person have difficulty dressing or bathing?

1. Yes
2. No

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

1. Yes
2. No

NYCHVS History   N/A

Rationale

One of the priorities for the NYCHVS is to facilitate various analyses of fair housing issues and disparities based on membership in a protected class. Disability items were added along with other protected characteristics, such as sexual orientation, gender identity, and military status, to meet this goal. Stakeholders also noted the importance of assessing housing needs based on disability status in order to evaluate both housing that may accommodate those with specific needs as well as the population that may require modifications and/or specific facilities in order to live safely and security in their home. Unit- and building-level characteristics will be collected through self-report as well as through the Interviewer Observation Survey (IOS).

The 6-item battery from the American Community Survey was modified in order to increase efficiency of administration. Rather than looping each question for each person, each question is asked of all individuals in the household, thereby ensuring no more than six questions are

asked of a sampled household. These questions were tested in focus groups with individuals living with disabilities, with service providers, and with caregivers.

Recode Usage

These items may be used individually but will also be recoded into a single person-level variable for anyone with one or more disability type and into a household-level variable for units where one or more occupant is living with a disability.

Modification to Unit	Item	Variable name	Data file
Has modification to unit	I119	MOD_HAVE	Occupied
Needs modification to unit	A44	MOD_NEED	Occupied

Did [you/ you or anyone else you live with] receive any modification or accommodation from your landlord or housing provider to allow you to live safely in your [apartment/house]?	1. Yes 2. No
Do [you/ you or anyone else you live with] need a modification or accommodation that would allow you to live safely in your [apartment/house] that you do not currently have?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

MOD_* These items are administered to respondents where one or more person was recorded as living with a disability (DIS_HEAR_P* = 1 or DIS_SEE_P* = 1 or DIS_REMEMB_P* = 1 or DIS_WALK_P* = 1 or DIS_DRESS_P* = 1 or DIS_ERRAND_P* = 1).

Source(s) N/A

NYCHVS History N/A

Rationale

Stakeholders noted the importance of assessing housing needs based on disability status in order to evaluate both housing that may accommodate those with specific needs as well as the population that may require modifications and/or specific facilities in order to live safely and security in their home. Additional unit- and building-level characteristics will be collected through self-report as well as through the Interviewer Observation Survey (IOS).

These questions were tested in focus groups with individuals living with disabilities, with service providers, and with caregivers.

Recode Usage

N/A

Veterans			
Military Status	**Item**	**Variable name**	**Data file**
Military status	I119	MOD_HAVE	Occupied
Branch of military	A44	MOD_NEED	Occupied

[Have you/Has Person] ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	1. Never served in the military 2. Only on active duty for training in the Reserves or National Guard 3. Now on active duty 4. On active duty in the past, but not now
Which branch of the Armed Forced [do you/does Person] work for?	1. U.S. Army 2. U.S. Navy 3. U.S. Air Force 4. U.S. Marine Corps 5. U.S. Coast Guard

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

MILITARY_P*   This item is looped for each person age fifteen or older (AGE_COMPUTED[PERSON] > 15).

MILITARY_BRANCH_P*   This item is looped for each person that is recorded as having served in the military (MILITARY_P[Person] = 2 or MILITARY_P[Person] = 3 or MILITARY_P[Person] = 4).

Source(s)   American Community Survey (ACS)

Has this person ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	1. Never served in the military 2. Only on active duty for training in the Reserves or National Guard 3. Now on active duty 4. On active duty in the past, but not now
What was the name of this person's …branch of the Armed Forces?	Specify: _____

NYCHVS History   N/A

Rationale

One of the priorities for the NYCHVS is to facilitate various analyses of fair housing issues and disparities based on membership in a protected class. Military status items were added along with other protected characteristics, such as sexual orientation, gender identity, and disability status, to meet this goal. Stakeholders expressed interest in defining the housing needs of veterans in order to develop effective policies and programs. Items from the ACS were replicated as closely as possible without the additional burden of coding open-ended responses.

Recode Usage

N/A

Race / Ethnicity			
Hispanic, Latino, Spanish	**Item**	**Variable name**	**Data file**
Hispanic	A4	HISP_P1-HISP_P15	Person
Identifies with an indigenous people	A4.2	HISPINDIG_P1-HISPINDIG_P15	Person
Puerto Rican	A4.1	HISPORIG_PR_P1-HISPORIG_PR_P15	Person
Dominican	A4.1	HISPORIG_DR_P1-HISPORIG_DR_P15	Person
Cuban	A4.1	HISPORIG_CUB_P1-HISPORIG_CUB_P15	Person
South / Central American	A4.1	HISPORIG_SCA_P1-HISPORIG_SCA_P15	Person
Mexican-American, Mexican, Chicano	A4.1	HISPORIG_MEX_P1-HISPORIG_MEX_P15	Person
None of these	A4.1	HISPORIG_ELSE_P1-HISPORIG_ELSE_P15	Person

[Are you/Is Person] of Hispanic, Latino, or Spanish origin?

1. Yes
2. No

[Do you/Does Person] identify with an indigenous people or tribal group?

1. Yes
2. No

Please tell me which group best represents [your/Person's] Hispanic, Latino, or Spanish heritage or ancestry?

Check all that apply.

1. Puerto Rican
2. Dominican
3. Cuban
4. South/ Central American
5. Mexican-American, Mexican, Chicano
6. None of these

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

HISP_P*   This item is looped for each person in occupied units.

HISPORIG_PR_P*   This item is looped for each person who was recorded as being of
HISPORIG_DR_P*   Hispanic, Latino, or Spanish origin (HISP_P[Person]=1).
HISPORIG_CUB_P*

HISPORIG_SCA_P*
HISPORIG_MEX_P*
HISPORIG_ELSE_P*

HISPINDIG_P*   This item is looped for each person who was recorded as being of
                      Hispanic, Latino, or Spanish origin (HISP_P[Person]=1).

Source(s)	American Community Survey (ACS)
	NYCHVS

Is [Person] of Hispanic, Latino, or Spanish origin?	1. No, not of Hispanic, Latino, or
	2. Spanish origin
	3. Yes, Mexican, Mexican Am., Chicano
	4. Yes, Puerto Rican
	5. Yes, Cuban
	6. Yes, another Hispanic, Latino, or
	Spanish origin: _____

NYCHVS History	1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Is . . . of Spanish or Hispanic origin?	1. No
	2. Puerto Rican
	3. Dominican
	4. Cuban
	5. South/ Central American
	6. Mexican-American, Mexican, Chicano
	7. Other Spanish/Hispanic

Rationale

The legacy item was divided into two questions to facilitate better administration by Computer Assisted Personal Interview (CAPI) and updated to include "Latino." The categories were also re-ordered to ask about "Hispanic, Latino, or Spanish" origin, rather than "Spanish or Hispanic." These changes ensure that the phrasing conforms to current usage on the Decennial and American Community Survey (ACS).

Based on feedback from subject matter experts, a question was added that enables individuals to identify with an indigenous people or tribal group prior to selecting one or more specific Hispanic/Latino group. The answer choices for Hispanic/Latino/Spanish origin were updated to explicitly allow respondents to select one or more group; the legacy form of the item instructed Field Representatives to "read the categories and mark (X) [in] the appropriate box" (emphasis added), which may have been misinterpreted as allowing only one group to be selected. The categories remain the same as in past NYCHVS cycles, including more choices than the ACS to reflect the size and diversity of the NYC population.

Recode Usage

Race and ethnicity recodes will be determined at a later time and will conform as closely as possible to categories used in the Decennial census.

Race	Item	Variable name	Data file
White	A5	RACE_W_P1-RACE_W_P15	Person
Black, African American	A5	RACE_B_P1-RACE_B_P15	Person
American Indian or Alaskan Native	A5	RACE_AIAN_P1-RACE_AIAN_P15	Person
Asian	A5	RACE_A_P1-RACE_A_P15	Person
Native Hawaiian or Pacific Islander	A5	RACE_NHOP_P1-RACE_NHOP_P15	Person
Other race	A5	RACE_OTH_P1-RACE_OTH_P15	Person

What is [your/Person's] race?

Check all that apply

1. White
2. Black or African American
3. American Indian or Alaska Native
4. Asian or Asian American
5. Native Hawaiian or Other Pacific Islander
6. Other

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

RACE_W_P*
RACE_B_P*
RACE_AIAN_P*
RACE_A_P*
RACE_NHOP_P*
RACE_OTH_P*

This item is looped for each person in occupied units.

Source(s)	American Community Survey (ACS) NYCHVS

What is [Person]'s race?

1. White
2. Black or African American
3. American Indian or Alaska Native — Print name of enrolled or principal tribe:

_____

4. Asian Indian
5. Chinese
6. Filipino

7. Japanese
8. Korean
9. Vietnamese
10. Native Hawaiian
11. Guamanian or Chamorro
12. Samoan
13. Other Pacific Islander – Print race:

_____
14. Other Asian – Print race:

_____
15. Some other race – Print race:

_____

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What is . . .'s race?
Select one or more categories from the flashcard.

1. White
2. Black or African American
3. American Indian or Alaska Native

ASIAN
4. Chinese
5. Filipino
6. Korean
7. Vietnamese
8. Asian Indian, Pakistani, Bangladeshi
9. Other Asian

NATIVE HAWAIIAN OR OTHER
PACIFIC ISLANDER
10. Native Hawaiian
11. Other Pacific Islander

Rationale

These categories were updated to align with current Census practices for race/ethnicity, but were modified by separating race and Asian heritage items into two questions. This was done to reduce respondent burden and make Flash Cards shorter.

Recode Usage

Race and ethnicity recodes will be determined at a later time and will conform as closely as possible to categories used in the Decennial census.

Asian Heritage	Item	Variable name	Data file
Chinese	A6	ASIANORIG_CH_P1-ASIANORIG_CH_P15	Person
Asian Indian	A6	ASIANORIG_AI_P1-ASIANORIG_AI_P15	Person
Filipino	A6	ASIANORIG_FIL_P1-ASIANORIG_FIL_P15	Person
Korean	A6	ASIANORIG_KOR_P1-ASIANORIG_KOR_P15	Person
Japanese	A6	ASIANORIG_JAPA_P1-ASIANORIG_JAPA_P15	Person
Vietnamese	A6	ASIANORIG_VIET_P1-ASIANORIG_VIET_P15	Person
Another Asian heritage	A6	ASIANORIG_ELSE_P1-ASIANORIG_ELSE_P15	Person
Other Asian heritage specified	A6	ASIANORIG_SPEC_P1-ASIANORIG_SPEC_P15	Person

Please tell me which group best represents [your/Person's] Asian heritage or ancestry?

Check all that apply

1. Chinese
2. Asian Indian
3. Filipino
4. Korean
5. Japanese
6. Vietnamese
7. Something else

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

ASIANORIG_CH_P*   This item is looped for each person who was recorded as Asian.
ASIANORIG_AI_P*
ASIANORIG_FIL_P*
ASIANORIG_KOR_P*
ASIANORIG_JAPA_P*
ASIANORIG_VIET_P*
ASIANORIG_ELSE_P*
ASIANORIG_SPEC_P*

Source(s)   American Community Survey (ACS)

What is [Person]'s race?	1. White
	2. Black or African American
	3. American Indian or Alaska Native — Print name of enrolled or principal tribe:
	4. Asian Indian
	5. Chinese
	6. Filipino
	7. Japanese
	8. Korean
	9. Vietnamese
	10. Native Hawaiian
	11. Guamanian or Chamorro
	12. Samoan
	13. Other Pacific Islander – Print race:
	14. Other Asian – Print race:
	15. Some other race – Print race:
	_____

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

What is . . .'s race? Select one or more categories from the flashcard.	1. White
	2. Black or African American
	3. American Indian or Alaska Native
	ASIAN
	4. Chinese
	5. Filipino
	6. Korean
	7. Vietnamese
	8. Asian Indian, Pakistani, Bangladeshi
	9. Other Asian
	NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
	10. Native Hawaiian
	11. Other Pacific Islander

Rationale

These categories were updated to align with current Census practices for race/ethnicity, but were modified by separating race and Asian heritage items into two questions. This was done to reduce respondent burden and make Flash Cards shorter.

Recode Usage

Race and ethnicity recodes will be determined at a later time and will conform as closely as possible to categories used in the Decennial census.

Nativity			
Place of Birth	**Item**	**Variable name**	**Data file**
Place of birth	A33	PLACEBORN_SELF_P1-PLACEBORN_SELF_P15	Person
First moved to United States	M41	MOVEUS_P1-MOVEUS_P15	Person
First moved to NYC	M42	MOVENYC_P1-MOVENYC_P15	Person
Place of father's birth	A34	PLACEBORN_FATHER_P1-PLACEBORN_FATHER_P15	Person
Place of mother's birth	A35	PLACEBORN_MOTHER_P1-PLACEBORN_MOTHER_P15	Person

Where [were you/was Person] born?   Enter Country:

_____

In what year did [you/Person] move to the United States?   Enter year_____

In what year did [you/Person] first move to New York City?   Enter year_____

Where was [your/person's] father born?   Enter Country:

_____

Where was [your/person's] mother born?   Enter Country:

_____

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

PLACEBORN_SELF_P*   This item is looped for all persons in occupied units

MOVEUS_P*   This item is looped for each person that was born outside of the United States (PLACEBORN_SELF_P[Person] <> United States).

MOVENYC_P*   This item is looped for each person that was born outside of New York City (PLACEBORN_SELF_P[person] <> NYC).

PLACEBORN_FATHER_P*   This item is looped for all persons in occupied units

PLACEBORN_MOTHER_P*   This item is looped for all persons in occupied units

---

Source(s)   NYCHVS

NYCHVS History   1991, 1993, 1996, 1999, 2002, 2005, 2008, 2011, 2014, 2017

Where was (reference person) born?

Where was (reference person)'s father born?

Where was (reference person)'s mother born?

1. Bronx
2. Brooklyn
3. Manhattan
4. Queens
5. Staten Island
6. NY, NJ, Connecticut
7. Other State
8. Puerto Rico
9. Dominican Republic
10. Caribbean (other than Puerto Rico or Dominican Republic)
11. Mexico
12. Central America, South America
13. Canada
14. Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, or Uzbekistan
15. Other European countries
16. China, Hong Kong, Taiwan
17. Korea
18. India
19. Pakistan, Bangladesh
20. Philippines
21. Southeast Asia (Cambodia, Laos, Malaysia, Myanmar (Burma), Singapore, Thailand, Vietnam)

22. Other Asia
23. Africa
24. All other countries (Specify)

In what year did [you/Person] move to the United States?	Enter year_____
In what year did [you/Person] first move to New York City?	Enter year_____

Rationale

The legacy form of these questions was only asked of the respondent (reference person) and not about each individual in the sampled unit. For this reason, the data were not representative of the entire population. Stakeholders expressed an interest in using these data to conduct more comprehensive analyses on immigration patterns, locational attainment, and outcomes of second-generation immigrants. Based on the value of these questions and their potential to contribute to new and important analysis related to housing policy, the NYCHVS now asks these questions of all persons in the household.

Pretesting as well as observation of the 2017 NYCHVS showed that the use of a flashcard for country of origin is time-consuming and unnecessary. How individual places were listed also caused some discomfort among respondents (e.g., listing China, Hong Kong, and Taiwan together, Korea without indication for North/South or Republic of, entire continent of Africa as a single answer). Based on recommendations from CBSM, these questions will now be phrased as open ended with a fill for country of origin. US answer options will remain the same as in the legacy form of the flash card, but will be interviewer-coded.

Recode Usage

Place of origin will be collapsed as appropriate in order to meet the requirements of disclosure avoidance, based on the distribution of answers.

Sexual Orientation / Gender Identity (SO/GI)			
Sexual Orientation	**Item**	**Variable name**	**Data file**
Sexual orientation (1)	A10	SO_PATH1_P1-SO_PATH1_P15	Person
Sexual orientation (2)	A23	SO_PATH2_P1-SO_PATH2_P15	Person

[Which of the following best represents how you think of yourself? / To the best of your knowledge, which of the following best represents how [Person] thinks of themselves?] Gay or lesbian, straight, bisexual, or something else?]

1. Gay or lesbian
2. Straight
3. Bisexual
4. Something else

[What is your sexual orientation? Are you /
To the best of your knowledge, what is [person]'s sexual orientation? Are they] gay or lesbian, straight, bisexual, or something else?

1 Gay or lesbian
2 Straight
3 Bisexual, or
4 Something else

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

SO_PATH1_P*   This item is looped for each person age fifteen or older in sampled units randomly assigned to Path 1 (AGE_COMPUTED[PERSON] >= 15 and PATH=1).

SO_PATH2_P*   This item is looped for each person age fifteen or older in sampled units randomly assigned to Path 2 (AGE_COMPUTED[PERSON] >= 15 and PATH=2).

Source(s)   N/A

A10. Which of the following best represents how you think of yourself? To the best of your knowledge, which of the following best represents how [NAME] thinks of themselves?

1. Gay or lesbian
2. Straight; that is, not gay, lesbian, or bisexual
3. Bisexual
4. Something else

NYCHVS History   N/A

One of the priorities for the NYCHVS is to facilitate various analyses of fair housing issues and disparities based on membership in a protected class. Sexual orientation and gender identity (SOGI) are some of the many protected characteristics included in the NYCHVS. The inclusion of SOGI questions provides an opportunity not only for researchers and policymakers interested in fair housing analyses, but for all survey researchers interested in finding an effective way to ask about respondents' sexual orientation and gender identity. The NYCHVS will be the first survey to ask SOGI questions by proxy for all members of a household.

The NYCHVS also provides an opportunity to test SOGI questions. There are two sets of sexual orientation and gender identify questions, which will be asked in a split panel. The first path asks respondents about sexual orientation, then gender identity. The second path asks about gender identity, then sexual orientation.

Path 1 of sexual orientation was written by the Federal Committee on Statistical Methodology (FCSM). Path 2 of gender identity was drafted by the NYCHVS research team, based on pre-testing and stakeholder conversations. While the answer options are the same, Path 1 asks about sexual orientation based on how respondents the people they live with "think of themselves." Path 2 asks directly about each person's sexual orientation. Both Paths were included after pre-testing by CBSM and the NYCHVS research team and conversations with LGBTQIA advocates in New York City.

Some terms in sexual orientation and gender identity questions are difficult to translate. After speaking with CBSM, the NYCHVS translation team, and other stakeholders, it was determined that question phrasing should be as straight forward as possible. While the translation team made direct translations when possible, it was decided that both English and translated terms may be included in translations when necessary. The term "straight," which does not have an equivalent translation in many languages, was translated as "straight; that is not gay, lesbian, or bisexual" to provide further clarity.

Recode Usage

N/A

Sex Assigned at Birth	Item	Variable name	Data file
Sex assigned at birth (1)	A10	SO_PATH1_P1-SO_PATH1_P15	Person
Sex assigned at birth (2)	A23	SO_PATH2_P1-SO_PATH2_P15	Person

[Was your sex assigned as male, female, or intersex at birth? / To the best of your knowledge, was [Person]'s sex recorded as male, female, or intersex at birth?]

1. Male
2. Female
3. Intersex

[What was your sex assigned at birth? Male, female, or intersex?/ To the best of your knowledge, what was [Person]'s sex assigned at birth? Male, female, or intersex?]

1. Male
2. Female
3. Intersex

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

SEXATBIRTH_PATH1_P*   This item is looped for each person in sampled units randomly assigned to Path 1 (PATH=1).

SEXATBIRTH_PATH2_P*   This item is looped for each person in sampled units randomly assigned to Path 2 (PATH=1).

Source(s)   N/A

A11. [IF RESPONDENT] Was your sex recorded as male or female at birth? / [IF PROXY] To the best of you knowledge, was [NAME]'s sex recorded as male or female at birth?

1. Male
2. Female

NYCHVS History   N/A

Rationale

Sex assigned at birth is asked in both paths of the SOGI split panel. After pre-testing and stakeholder conversations, question phrasing was finalized as "sex assigned' instead of "sex recorded," since not all respondents may have seen their birth certificate or have a birth certificate at all. Pretesting also led to the inclusion of the answer option "intersex," since some respondents during pretesting reported that they were not assigned a male or female sex at birth.

Recode Usage

N/A

Gender Identity	Item	Variable name	Data file
Gender identity (1)	A12	GI_PATH1_P1- GI_PATH1_P15	Person
Gender identity (2a)	A51	GI1_PATH2_P1- GI1_PATH2_P15	Person
Gender identity (2b)	A52	GI2_PATH2_P1- GI2_PATH2_P15	Person

[Do you describe yourself as male, female, or transgender? Select all that apply / To the best of your knowledge, does [Person] describe themselves as male, female, or transgender? Select all that apply]

Check all that apply

IF NEEDED: Gender identity refers to how someone identifies, which may or may not be the same as the sex they were assigned at birth.

1. Male
2. Female
3. Transgender
4. Something else

[Do you identify as transgender?/ To the best of your knowledge, does [Person] identify as transgender?]

1. Yes
2. No

[Are you male, female, or gender non-conforming?/ To the best of your knowledge, is [Person] male, female, or gender non-conforming?]

1. Male
2. Female
3. Gender non-conforming
4. A gender not mentioned

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

GI_PATH1_P*   This item is looped for each person age fifteen or older in sampled units randomly assigned to Path 1 (AGE_COMPUTED[PERSON] >= 15 and PATH=1).

GI1_PATH2_P*
GI2_PATH2_P*   This item is looped for each person age fifteen or older in sampled units randomly assigned to Path 2 (AGE_COMPUTED[PERSON] >= 15 and PATH=2).

[Do you describe yourself as male, female, or transgender? Select all that apply / To the best of your knowledge, does [Person] describe themselves as male, female, or transgender? Select all that apply]

1. Male
2. Female
3. Transgender
4. Something else

Check all that apply

IF NEEDED: Gender identity refers to how someone identifies, which may or may not be the same as the sex they were assigned at birth.

NYCHVS History   N/A

N/A

Rationale

Gender orientation was one of the many protected characteristics included in the NYCHVS that will contribute to analyses of fair housing in New York City. The NYCHVS will be the first survey to ask gender identity questions by proxy for all members of a household. The NYCHVS also provides an opportunity to test SOGI questions. There are two sets of sexual orientation and gender identify questions, which will be asked in a split panel.

Path 1 of gender identity was written by the Federal Committee on Statistical Methodology (FCSM). Respondents can select all genders that apply from Male, Female, and Transgender. If their preferred gender is not in that list, they can select Something Else.

Path 2 of gender identity was drafted by the NYCHVS research team, based on pre-testing and stakeholder conversations. Respondents are first if the person (either the respondent or another household member) are transgender. Regardless of their response, they are asked if they are male, female, or gender-nonconforming. Respondents also have the choice of selecting *a gender not mentioned*. Gender-nonconforming was included as an option based on conversations with LGBTQIA advocates in New York City.

Recode Usage

N/A

Sample Coverage			
Phones	**Item**	**Variable name**	**Data file**
Landline telephone	I21	LANDLINE	Occupied
Cell phones	I22	CELL_COUNT	Occupied

Is there a landline telephone in your [apartment/ house]? Do not count cell phones, or any phone line that is used only for a computer or fax machine.	1. Yes 2. No
How many adults (age 18 and over) that live in your [apartment/house], including you, have a cell phone for personal use?	Enter number of people _____

Scripting

N/A

Interviewer Notes and Optional Text

LANDLINE   IF NEEDED: Only include working landline telephones

CELL_COUNT   IF NECESSARY: If an individual shares a cell phone, count the adult if he or she has it for at least one-third of the time.

Administration (Universe Description)

LANDLINE   This item is asked of all respondents in occupied units.

CELL_COUNT   This item is asked of all respondents in occupied units.

Source(s)   NYCHVS

NYCHVS History   2017

Is there a landline telephone in your [apartment/ house]? Do not count cell phones, or any phone line that is used only for a computer or fax machine.	1. Yes 2. No
How many adults (age 18 and over) that live in your [apartment/house], including you, have a cell phone for personal use?	Enter number of people _____

Rationale

Outside research groups rely on the NYCHVS to obtain representative estimates of landline and cell coverage in order to validate sampling frame and weights used in telephone surveys. These questions continue to be asked at the request of the New York City Department of Health and Mental Hygiene.

Recode Usage

N/A

Languages	Item	Variable name	Data file
Languages spoken at home	A39	LANG1	Occupied
More than three languages	A39.1	LANG3	Occupied

What language is spoken in your [apartment/house]? Select up to 3.	1. English 2. Spanish 3. Mandarin 4. Cantonese 5. Russian 6. Bengali 7. Haitian 8. Yiddish 9. French (incl. Cajun) 10. Yoruba, Twi, Igbo, or other languages of Western Africa 11. Korean 12. Arabic 13. Italian 14. Other 15. N/A
Interviewer Instruction: If respondent indicates more than 3 languages are spoken in their home, mark "More than 3".	1. More than 3 languages spoken 2. 3 or fewer languages spoken

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

LANG*   This item is administered to all respondents in occupied units.

Source(s)   N/A

NYCHVS History   N/A

Rationale

Languages spoken at home is a key measure that is used to improve field operations for future cycles of the NYCHVS. This information may also be used to assess the prevalence of languages spoken as well as in conjunction with other data collected on immigration, housing, educational attainment, demographics, and household composition, among others. Language choices were based on prevalence in New York City as measured by the 2017 American Community Survey (ACS).

Recode Usage

N/A

Vacant Interview		
Building Characteristics	**Variable name**	**Data file**
(Vacant) Landline telephone	V_UNITREF	Vacant
(Vacant) Next resident will be first occupancy	V_FIRSTOCC	Vacant
(Vacant) Confirmation of units in building	V_UNIT_CORRECT	Vacant
(Vacant) Unit count (correction)	V_UNIT_COUNT	Vacant
(Vacant) Building has regulatory agreement	V_REGAGREE	Vacant
(Vacant) Number of stories	V_STORIES	Vacant
(Vacant) Floor of sampled unit	V_UNIT_FLOOR	Vacant
(Vacant) Passenger elevator	V_ELEVATOR	Vacant
(Vacant) Accessibility to elevator	V_ELEV_NO_STEPS	Vacant
(Vacant) Accessibility to unit	V_UNIT_NO_STEPS	Vacant

Is this an apartment or a house?	1. Apartment 2. House
If this apartment (house) were to be occupied, would it be the first occupancy since its construction, gut rehabilitation, or creation through conversion or sub-division?	1. Yes, first occupancy 2. No, previously occupied
My records indicate there are [fill number of units from front] apartments in the building. Is that correct?	1. Yes 2. No
How many apartments are in the building?	Enter number of apartments_____
Are any of the units in the building subject to a regulatory agreement with the City or State?	1. Yes 2. No
How many stories are in this building?	Enter number of stories _____
Is there an elevator in the building?	1. Yes 2. No

Is it possible to go from the sidewalk to a passenger elevator without going up or down any steps or stairs?

1. Yes
2. No

Is it possible to go from the sidewalk to this unit without going up or down any steps or stairs?

1. Yes
2. No

Scripting

N/A

Interviewer Notes and Optional Text

V_UNITREF   Interviewer Note: Reference sampled unit address and unit number when appropriate.

Administration (Universe Description)

V_UNITREF   This item is asked of all vacant sampled units (OCC_VAC=2).

V_FIRSTOCC   This item is asked of all vacant sampled units (OCC_VAC=2).

V_UNIT_CORRECT   This item is asked of all vacant sampled units (OCC_VAC=2).

V_UNIT_COUNT   This item is asked if the unit is vacant and the informant does not agree with the unit count from administrative records and/or the Field Representative (OCC_VAC=2 & V_UNIT_CORRECT=2).

V_REGAGREE   This item is asked of all vacant sampled units (OCC_VAC=2).

V_STORIES   This item is asked of all vacant sampled units (OCC_VAC=2).

V_UNIT_FLOOR   This item is asked of all vacant sampled units (OCC_VAC=2).

V_ELEVATOR   This item is asked of all vacant sampled units (OCC_VAC=2).

V_ELEV_NO_STEPS   This item is asked if the unit is vacant and the building has an elevator (OCC_VAC=2 & V_ELEVATOR=1).

V_UNIT_NO   This item is asked of all vacant sampled units (OCC_VAC=2).

Source(s)   NYCHVS

Unit Characteristics	Variable name	Data file
(Vacant) Number of rooms	V_ROOMS	Vacant

(Vacant) Number of bedrooms	V_BEDROOMS	Vacant
(Vacant) Number of full bathrooms	V_FULLBATH_NUM	Vacant
(Vacant) Number of half bathrooms	V_HALFBATH_NUM	Vacant
(Vacant) Unit shares a bath with another unit	V_SHAREDBATH	Vacant
(Vacant) Unit has complete plumbing facilities	V_COMPLETEBATH	Vacant
(Vacant) Has stove, oven, cooktop	V_APP_STOVE	Vacant
(Vacant) Has dishwasher	V_APP_DISHWASH	Vacant
(Vacant) Has washing machine	V_APP_WASHMACH	Vacant
(Vacant) Has dryer	V_APP_DRYER	Vacant
(Vacant) Unit has running water	V_SINK	Vacant
(Vacant) Refrigerator was new	V_NEW_FRIDGE	Vacant
(Vacant) Stove, oven, cooktop was new	V_NEW_STOVE	Vacant
(Vacant) Dishwasher was new	V_NEW_DISHWASH	Vacant
(Vacant) Washing machine was new	V_NEW_WASHMACH	Vacant
(Vacant) Dryer was new	V_NEW_DRYER	Vacant
(Vacant) Kitchen cabinets were new	V_NEW_CABINETS	Vacant
(Vacant) Kitchen countertops were new	V_NEW_COUNTER	Vacant
(Vacant) Unit shares a kitchen	V_SHAREDKITCH	Vacant
(Vacant) Under renovation	V_RENOVATE	Vacant
(Vacant) Exterminator service	V_EXTERM_SERV	Vacant
(Vacant) Central air conditioning	V_CENTRALAIR	Vacant

How many rooms are in the [apartment/ house]? Count each separate room. For example, living rooms, kitchens, bedrooms, and dining rooms.
1. Yes
2. No

How many bedrooms are in the [apartment/ house]?
1. Yes
2. No

How many full bathrooms are in the [apartment/
1. Yes

house]?   2. No

How many half bathrooms are in the [apartment/   1. Yes
house]?   2. No

Does the [apartment/house] share a bathroom   1. Yes
with other apartments in the building?   2. No

Does the [apartment/house] have a sink, a toilet, 1. Yes
and a bathtub or shower?   2. No

Does the [apartment/house] have a…   1. Yes
                                                  2. No

Stove/Oven/Cooktop?

Does the [apartment/house] have a…   1. Yes
                                                  2. No
Dishwasher?

Does the [apartment/house] have a…   1. Yes
                                                  2. No
Washing machine?

Does the [apartment/house] have a…   1. Yes
                                                  2. No
Dryer?

Does the [apartment/house] have a sink with hot   1. Yes
and cold running water?   2. No

Was the refrigerator replaced since the last   1. Yes
occupant left the [apartment/house]?   2. No

Was the stove/oven/cooktop replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Was the dishwasher replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Was the washing machine replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Was the dryer replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Were the kitchen cabinets replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Were the kitchen countertops replaced since the last occupant left the [apartment/house]?	1. Yes 2. No
Does the [apartment/house] share a kitchen with other apartments in the building?	1. Yes 2. No
Is the [apartment/ house] now under renovation?	1. Yes 2. No
Does the building offer an exterminator service?	1. Yes 2. No
Does the [apartment/ house] have functioning central air conditioning?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

V_ROOMS	IF NEEDED: A room is an enclosed area bounded by ceiling-to-floor walls, one or more of which may contain a door or an open archway.
	Interviewer Note: Do not include bathrooms, hallways, or walk-in closets.
V_BEDROOMS	Interviewer Note: If the apartment is a studio, record bedrooms as None
V_FULLBATH_NUM	IF NEEDED: A full bathroom has a sink with running water, a toilet, and a bathtub or shower.
V_HATLFBATH_NUM	IF NEEDED: A half-bathroom has a toilet and sink, but no bathtub or shower.
V_APP_STOVE	Interviewer Note: If respondent only has a hot plate or microwave, mark no for Stove/Oven/Cooktop
V_APP_WASHMACH V_APP_DRYER	Interviewer Note: If respondent has a washing machine/dryer combination, enter yes for both washing machine and dryer.
V_EXTERM_SERV	IF NECESSARY: Some buildings have a sign-up sheet or an exterminator can be requested.

Administration (Universe Description)

V_ROOMS	This item is asked of all vacant sampled units (OCC_VAC=2).
V_BEDROOMS	This item is asked of all vacant sampled units (OCC_VAC=2).
V_FULLBATH_NUM	This item is asked of all vacant sampled units (OCC_VAC=2).
V_HALFBATH_NUM	This item is asked of all vacant sampled units (OCC_VAC=2).
V_SHAREDBATH	This item is asked of vacant units that have no full or half baths (UNITS_FINAL > 1 and V_FULLBATH_NUM = 0 and V_HALFBATH_NUM = 0).
V_COMPLETEBATH	This item is asked of vacant units that do not have any full or half baths and do not share a bath with another unit (V_SHAREDBATH = 2).
V_APP_FRIDGE	This item is asked of all vacant sampled units (OCC_VAC=2).
V_APP_STOVE	This item is asked of all vacant sampled units (OCC_VAC=2).
V_APP_DISHWASH	This item is asked of all vacant sampled units (OCC_VAC=2).

V_APP_WASHMACH	This item is asked of all vacant sampled units (OCC_VAC=2).
V_APP_DRYER	This item is asked of all vacant sampled units (OCC_VAC=2).
V_APP_SINK	This item is asked of all vacant units that do not have a full or half bathroom or complete plumbing facilities (OCC_VAC=2 & V_FULLBATH_NUM =0 and V_HALFBATH_NUM =0 and V_COMPLETEBATH =2).
V_NEW_FRIDGE	This item is asked of all vacant sampled units that have a refrigerator (OCC_VAC=2 & V_APP_FRIDGE = 1).
V_NEW_STOVE	This item is asked of all vacant sampled units that have a stove (OCC_VAC=2 & V_APP_STOVE = 1).
V_NEW_DISHWASH	This item is asked of all vacant sampled units that have a dishwasher (OCC_VAC=2 & V_APP_DISHWASH= 1).
V_NEW_WASHMACH	This item is asked of all vacant sampled units that have a washing machine (OCC_VAC=2 & V_APP_WASHMACH= 1).
V_NEW_DRYER	This item is asked of all vacant sampled units that have a dryer (OCC_VAC=2 & V_APP_DRYER= 1).
V_NEW_CABINETS	This item is asked of all vacant sampled units that have a refrigerator and stove (OCC_VAC=2 & V_APP_FRIDGE= 1 & V_APP_STOVE=1).
V_NEW_COUNTER	This item is asked of all vacant sampled units that have a refrigerator and stove (OCC_VAC=2 & V_APP_FRIDGE= 1 & V_APP_STOVE=1).
V_SHAREDKITCH	This item is asked of all vacant sampled units that DO NOT have a refrigerator or stove (OCC_VAC=2 & V_APP_FRIDGE= 2 or V_APP_STOVE=2).
V_RENOVATE	This item is asked of all vacant sampled units (OCC_VAC=2).
V_EXTERM_SERV	This item is asked of all vacant sampled units (OCC_VAC=2).
V_CENTRALAIR	This item is asked of all vacant sampled units (OCC_VAC=2).

Source(s)	NYCHVS	
Tenure	**Variable name**	**Data file**
Unit is in a condo or cooperative	V_CONDOCOOP	Vacant
Condo / coop maintenance feed	V_COOPCONDOFEE	Vacant

Owner lives in building	V_OWNERBLDG	Vacant
Any owners in building	V_OWNERANY	Vacant
Last resident owned unit	V_OWN	Vacant
Last resident rented unit	V_LASTRENT	Vacant
Last tenant was evicted	V_EVICTED	Vacant

Is the [apartment/house] a condo or part of a co-op?	1. Yes 2. No
Last month, what were the [condo/co-op] maintenance fees for the [apartment/ house]?	Enter amount $_____
Does the owner or landlord live in the building?	1. Yes 2. No
Are any of the units in the building owner-occupied?	1. Yes 2. No
Before the [apartment /house] became vacant, was it owner or renter occupied?	1. Yes 2. No
What was the last rent charged before the unit became vacant?	1. Yes 2. No
Was the last occupant of the [apartment/house] evicted?	1. Yes 2. No

Scripting

N/A

Interviewer Notes and Optional Text

V_CONDOCOOPFEE   Interviewer Note: Exclude payments for any mortgage (loans) on the [condo/ co-op].

Administration (Universe Description)

V_CONDOCOOP	This item is asked of all vacant sampled units that were not matched to administrative records (OCC_VAC=2 & MATCH<>1).
V_COOPCONDOFEE	This item is asked of all vacant sampled units in condos and coops (OCC_VAC=2 & COOP = 1 or CONDO =1).
V_OWNERBLDG	This item is asked of vacant units that are not in condos or coops and have a unit count of 2-20 (OCC_VAC=2 & COOP = 2 and CONDO = 2 and UNITS_FINAL > 1 and UNITS_FINAL < 20).
V_OWNERANY	This item is asked of vacant units in buildings where the owner does not live in the building (OCC_VAC=2 & V_OWNERBLDG <> 1).
V_OWN	This item is asked of all vacant sampled units (OCC_VAC=2).
V_LASTRENT	This item is asked of vacant sampled units that were not previously owned (OCC_VAC=2 & V_OWN = 2).
V_EVICTED	This item is asked of vacant sampled units that were not previously owned (OCC_VAC=2 & V_OWN = 2).

Source(s)	NYCHVS

Current Vacancy	Variable name	Data file
Length of time unit has been vacant	V_VACANTLENGTH	Vacant
Unit is available for rent or sale	V_AVAILABLE	Vacant
Asking price	V_ASKINGPRICE	Vacant
Reason unit is not avail for rent or sale	V_REASONNOTAVAIL	Vacant
Asking rent	V_ASKINGRENT	Vacant

How long has this apartment (house) been vacant?

1. Yes
2. No

Is this [apartment/house] available for rent, available for sale only, or not available for rent or sale?

1. Yes
2. No

What is the asking price for the [apartment/house]?

Enter amount $_____

What are the reasons that this [apartment/house] is not available for sale or rent?

1. Rented, not yet occupied
2. Sold, not yet occupied
3. Unit or building is undergoing renovation
4. Unit or building is awaiting renovation
5. Being converted to nonresidential purposes
6. There is a legal dispute involving the unit
7. Being converted or awaiting conversion to condominium or cooperative
8. Held for occasional, seasonal, or recreational use
9. The owner cannot rent or sell at this time due to personal problems (e.g., age or illness)
10. Being held pending sale of building
11. Being held for planned demolition
12. Held for other reasons

What is the MONTHLY asking rent?

Enter amount $_____

Scripting

N/A

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

V_VACANTLENGTH	This item is asked of all vacant sampled units (OCC_VAC=2).
V_AVAILABLE	This item is asked of all vacant sampled units (OCC_VAC=2).
V_ASKINGPRICE	This item is asked of vacant units that are available for sale or rent (OCC_VAC=2 & V_AVAILABLE = 1 or 2).
V_REASONNOTAVAIL	This item is asked of vacant sampled units that are not available for sale or rent (OCC_VAC=2 & V_AVAILABLE = 3).
V_ASKINGRENT	This item is asked of vacant sampled units that are available for rent (OCC_VAC=2 & V_AVAILABLE = 1).
Source(s)	NYCHVS

Contact Information for Reinterview	Variable name	Data file
First Name (Respondent)	PERSON1_FIRST	N/A
Last Name (Respondent)	PERSON1_LAST	N/A
Phone Number (Respondent)	PERSON1_PHONE	N/A
First Name (Respondent 2-15)	PERSON2_FIRST-PERSON15_FIRST	N/A
Last Name (Respondent 2-15)	PERSON2_LAST-PERSON15_LAST	N/A
Phone Number (Respondent 2-15)	PERSON2_PHONE-PERSON15_PHONE	N/A
Preferred person to follow up with	FOLLOWUP_PREF	N/A
Primary language in which the interview was conducted	INT_LANG	N/A
Chinese language (specific)	INT_LANG_CH	N/A

My supervisor for the NYCHVS may want to check my work. What is your name and phone number in case they need to reach you?

I will review the file before I submit it to make sure correctly entered your answers. If I need anything else, I'll call you.

First Name _____
Last Name
_____

Phone Number
(_____) _____ - _____

You said someone else who lives with you would be able to answer some of the questions that I asked. I'd like to ask them these questions. What are the names and phone numbers of the other people who live with you so I can reach them?

First Name _____
Last Name
_____

Phone Number
(_____) _____ - _____

Which of the people you named is the one best person to answer the questions you skipped?

Enter Person Number _____

In what language is this interview being conducted?

1. English
2. Spanish
3. Bengali
4. Chinese - Simplified
5. Chinese – Traditional
6. Haitian Creole
7. Russian

In what form of spoken Chinese is the interview being conducted?

1. Mandarin
2. Cantonese
3. Other (Specify):
_____

Before PERSON1_FIRST:
Thank you again for taking the time to help me.

Interviewer Notes and Optional Text

N/A

Administration (Universe Description)

PERSON1_FIRST PERSON1_LAST PERSON1_PHONE	These items are administered to all respondents in occupied units.
PERSON2_FIRST- PERSON15_FIRST PERSON2_LAST- PERSON15_LAST PERSON2_PHONE- PERSON15_PHONE	These items are administered to all respondents in occupied units where additional follow-up is indicated (FOLLOWUP=1).
FOLLOWUP_REF	This item is administered to all respondents in occupied units where additional follow-up is indicated (FOLLOWUP=1).
INT_LANG	These items are administered to all respondents in occupied units.
INT_LANG_CH	This item is administered to each respondent where the primary language was either Simplified or Traditional characters (INT_LANG=4 or 5).

Source(s)	N/A

NYCHVS History	N/A

Rationale

This information is used for reinterview and quality assurance purposes by the US Census Bureau NYCHVS team only.

Recode Usage

N/A

Additional Details on Survey Logic

Fills are used in the NYCHVS questionnaire to make a more comfortable and efficient interview for both respondents and Field Representatives (FRs). Fills populate based on question logic and prior information collected in the interview. This limits repetition and awkward question phrasing. Fills allow FRs to read questions without having to read irrelevant phrasing or adjust for each respondent. The respondent is asked questions that are informed by answers they provided earlier in the interview, which gives the interview continuity.

There are three different types of fills. First, a fill may be one of a few potential words that fills based on prior logic. For example, [apartment/house] fills as either *apartment* or *house* based on what the respondent prefers. These fills are indicated in brackets, with each potential word, or phrase, separated by a slash. Another type of fill is populated based on a prior list, just as a household roster. These are indicated with brackets filled with a placeholder word, such as *Person* or *Appliance.* Last, there are fills based on totals from prior questions, such as total household income. These fills reference specific variable in brackets that will be summed.

The table below describes the fills in the NYCHVS and how they are populated.

Fills	
[apartment/house]	Fills *apartment or house* based on UNITREF
[appliance]	Fills the name of each appliance the respondent reported having in their apartment in APP_FRIDGE, APP_STOVE, APP_DISHWASH, APP_WASHMACH, and APP_DRYER
[toilet/toilets]	Fills based on the number of bathrooms in the unit, from FULLBATH_NUM and HALFBATH_NUM. If there is only one bathroom, the question fills as *toilet*. If there is more than one bathroom, the question fills as *toilets*.
[you/Person]	Fills as *you* for questions asked of the respondent in looped sections. Fills as the name of each member of the household for successive questions from NAME_P2-NAME_P15. This fill sometimes appears with corresponding verbs, depending on the sentence structure.
[you/you or anyone else you live with]	This item fills based on the household size, from HHSIZE. If the respondent lives alone, the fill is *you.* If the respondent lives with others, the fill is *you or anyone else you live with.* The phrasing of this fill varies slightly based on sentence structure. For example, sometimes it is necessary to as about *you and anyone else you live with*.
[sampled unit's address]	Fills address of current unit
[fill from LAST_ZIP]	This question serves as a confirmation. The city or state fills from

	LAST_ZIP
[Person X]	Fills based on household members the respondent lived with at their last home. The list of *Person X* is filled from LAST_PERSON_P1-LAST_PERSON_P15 based on household members that were not reported as living at the previous address (NAME_P[Person]<>LAST_PERSON_P[Person]).
[rental assistance programs/outside sources/rent assistance programs and outside sources]	Fills based on sources of rental payments from RENTASSIST_* and RENTOUTSIDE. The item fills as *rental assistance programs* if the respondent reports getting any of the rental assistance from RENTASSIST_*. It fills as *outside sources* if the respondent says *yes* to RENTOUTSIDE. It fills as *rent assistance programs and outside sources* if both apply.
[including any fees]	Fills only if respondent reported paying fees in RENTFEES
[fill sum of RENT_AMOUNT and RENTFEES_AMOUNT / fill RENT_AMOUNT]	If the respondent reports paying fees in RENTFEES, this item fills as the sum of RENT_AMOUNT and RENTFEES_AMOUNT. If the respondent does not report paying fees, the item fills just as the amount from RENT_AMOUNT.
[?/ , including rental assistance programs?/ , including any outside sources?/ , including any rental assistance programs and outside sources?]	Fills based on sources of rental payments from RENTASSIST_* and RENTOUTSIDE. The item fills as *including rental assistance programs?* if the respondent reports getting any of the rental assistance from RENTASSIST_*. It fills as *including any outside sources?* if the respondent says *yes* to RENTOUTSIDE. It fills as *including any rental assistance programs and outside sources?* if both apply. If the respondent does not report rent payments from rental assistance or outside sources, this item fills just as *?*.
[fill from RENTASSIST_*]	Fills each type of rental assistance reported in RENTASSIST_*.
[this rental assistance program/ these rental assistance programs]	Fills based on the number of rental assistance programs reported in RENTASSIST_*. If the respondent reports only one program, the item fills as *this rental assistance program*. If they report more than one program, the item fills as *these rental assistance programs.*
[Have you/ Have you or Person*/Has Person*/ Have Person* or Person*]	Fills based on OWNER_P1-OWNER_P15. If the respondent reports that they are the owner, the item fills as *Have you*. If the respondent reports other household members as the owner, Person fills for the owner(s).

[Separate from any down payment assistance, did/Did]	Fills based on HELPDOWNPAY_*. If respondent reported receiving HELPDOWNPAY_*, the item fills as *separate from any down payment assistance, did.*
[LOAN]	Fills based on loan name from HDEBT_*.
[condo/co-op]	If the respondent lives in a condo (condo=1), fill *condo.* If the respondent lives in a co-op (coop=1), fill *co-op.*
[electricity/gas/electricity and gas]	Fills based on utilities reported in UTIL_*. If the respondent pays electricity but not gas, fill *electricity*. If the respondent pays gas but not electricity, fill *gas*. If the respondent pays both electricity and gas, fill *electricity and gas*.
[PROGRAM]	Fill each public assistance program reported by the respondent in PA_*.
[fill last calendar year]	Fills the year of the calendar year prior to the year of the interview date.
[fill from INC_*_P1-P15]	Fill each income source reported by the respondent in INC_*_P1-P15).
[Calculate total income for person]	Fill based on the sum of all income sources (INC_*_AMT_P1-INC_*_AMT_P15 and INC_ONETIME_AMT_P1-INC_ONETIME_AMT_P15) for each adult in the household with an income
[Calculate total household income]	Fill based on the sum of all income sources and all members of the household (INC_*_AMT_P1- INC_*_AMT_P15 and INC_ONETIME_AMT_P1- INC_ONETIME_AMT_P15) for the total household income
[pipe total debt]	Fill based on the sum of all debt from DEBT_*_AMT
[INSERT NAME OF SECONDARY SCHOOL COMPLETION CERTIFICATE BASED ON COUNTRY AND LANGUAGE OF INTERVIEW]	Fill name of secondary school completion certificate based on the country reported in COUNTRYEDUC_P1-COUNTRYEDUC_P15.

Introduction: Global variables will be created and defined at various points in the survey based on a combination of administrative data and respondent answers. Global variables will be used to pipe are define the universe of various survey questions throughout the instrument. Global variables aid in simplifying universe logic of various questions and allow for the storage of information outside of the questionnaire.

SOGI_PATH	1 Path 1
	2 Path 2

Explanation: SOGI path is selected at random for each CAPI.

Coded definition: N/A

MATCH	1 Match
	2 No Match

Explanation: If the unit matched with the administrative dataset BLDGPAD.

Coded definition: N/A

COOP_MATCH	1 COOP_match
	2 Not COOP_match

Explanation: The unit matched with the administrative dataset BLDGPAD and is a coop unit according to this dataset.

Coded definition: if MATCH = 1 and (COOPN <> 0 and first character of TCLASS in [1..2] (the TCLASS and COOPN variables are part of the BLDGPAD dataset) then 1, else 2

CONDO_MATCH	1 CONDO_match
	2 Not CONDO_match

Explanation: The unit matched with the administrative dataset BLDGPAD and is a CONDO unit according to this dataset.

Coded definition: if MATCH = 1 and (CONDON <> 0 and COOPN = 0 and first character of TCLASS in [1..2] in BLDGPAD (the TCLASS CONDON, and COOPN variables are part of the BLDGPAD dataset) then 1, else 2

| COOP | 1 COOP |
| | 2 Not COOP |

Explanation: The unit is a coop based on the administrative dataset BLDGPAD or the respondent indicated that the unit is a coop.

Coded definition: if COOP_MATCH = 1 or OWN_COOP = 1 then 1, else 2

| CONDO | 1 CONDO |
| | 2 Not CONDO |

Explanation: The unit is a condo based on the administrative dataset BLDGPAD or the respondent indicated that the unit is a condo.

Coded definition: if CONDO_MATCH = 1 or OWN_CONDO = 1 then 1, else 2

| OWNER | 1 OWNER |
| | 2 Not OWNER |

Explanation: The unit is a condo or coop based on either of the two global variables above, or the respondent said they own the unit.

Coded definition: if CONDO = 1 or COOP = 1 or OWN = 1 then 1, else 2

| RENTER | 1 RENTER |
| | 2 Not RENTER |

Explanation: The unit is not an owner unit according to the global variable OWNER.

Coded definition: if OWNER <> 1 then 1, else 2

| ELEVATOR_MATCH | 1 ELEVATOR_MATCH |
| | 2 Not ELEVATOR_MATCH |

Explanation: The unit matched with the administrative dataset BLDGPAD and is an elevator building according to that dataset.

Coded definition: if MATCH = 1 and first character of BLCASS is "D" or BCLASS in ["R4," "RD," "H7"] then 1, else 2

| ELEVATOR_FINAL | 1 ELEVATOR_FINAL |
| | 2 Not ELEVATOR_FINAL |

Explanation: The unit is in an elevator building according to the administrative dataset BLDGPAD or the respondent said there was an elevator in the building.

Coded definition: if ELEVATOR = 1 or ELEVATOR_MATCH = 1 then 1, else 2

| MAINT_DEF | 1 At least 1 maintenance deficiency |
| | 2 No maintenance deficiencies |

Explanation: The respondent affirmed that there was at least one maintenance deficiency in their unit.

Coded definition: if ADDHEAT =1 or NOHEAT =1 or WALLHOLES =1 or FLOORHOLES =1 or RODENTS_UNIT =1 or RODENTS_BUILD =1 or PEELPAINT_LARGE =1 or TOILET_BROK =1 or LEAKS =1 or ROACHES_NUM = 3 or ROACHES_NUM = 4 or ELEVATOR_BROK_OTHER = 2 or MUSTY = 1 or MOLD = 1 or NOHOTWATER = 1 then 1, else 2

| INT_YEAR | Four digit year |

Explanation: This is derived from the data of the interview, which is entered as part of the front of the interview.

Coded definition: derived from INT_DATE (from the front)

| INT_MONTH | Two digit month |

Explanation: This is derived from the data of the interview, which is entered as part of the front of the interview.

Coded definition: derived from INT_DATE (from the front)

| INT_DAY | Two digit day |

Explanation: This is derived from the data of the interview, which is entered as part of the front of the interview.

Coded definition: derived from INT_DATE (from the front)

| AGE_COMPUTED[PERSON] | Integer (rounded down) |

Explanation: AGE_COMPUTED[PERSON] may be defined in one of four ways, depending on how much birthdate information was provided by the respondent for a given person.

If the respondent gives values for birth year, birth month, and birth day then subtract birthdate from interview date to get age.

If the respondent gave birth year and birth month but not day, subtract from interview year and interview month

if the respondent have birth year but not birth month, subtract birth year from interview year (ignore birth day if birth month is not given)

if the respondent did not give birth year but did provide an age, use the age.

In all cases, round down to an integer (e.g., 17.9 = 17).

Coded definition: if BDAY_YEAR_P[PERSON] <> DK and BDAY_YEAR_P[PERSON] <> R and BDAY_MON_P[PERSON] <> DK and BDAY_MON_P[PERSON] <> R and BDAY_DAY_P[PERSON] <> DK and BDAY_DAY_P[PERSON] <> R then (INT_YEAR - BDAY_YEAR_P[PERSON]) + ((INT_MONTH - BDAY_MONTH_P[PERSON]) / 12) + ((INT_DAY - BDAY_DAY_P[PERSON]) / 365.25)

else if BDAY_YEAR_P[PERSON] <> DK and BDAY_YEAR_P[PERSON] <> R and BDAY_MON_P[PERSON] <> DK and BDAY_MON_P[PERSON] <> R and BDAY_DAY_P[PERSON] in [DK, R] then (INT_YEAR - BDAY_YEAR_P[PERSON]) + ((INT_MONTH - BDAY_MONTH_P[PERSON]) / 12)

else if BDAY_YEAR_P[PERSON] <> DK and BDAY_YEAR_P[PERSON] <> R and BDAY_MON_P[PERSON] in [DK, R] then (INT_YEAR - BDAY_YEAR_P[PERSON])

else if BDAY_YEAR_P[PERSON] in [DK, R] then AGE_P[PERSON]

else missing

| ADULT[PERSON] | 1 Adult |
| | 2 Not an adult |

Explanation: If the age computed is at least 18 or no age was computed but the respondent said the person was not a minor, then the person is an adult

Coded definition: if AGE_COMPUTED[PERSON] >= 18 or AGE_MINOR_P[PERON] = 2 or AGE_SENIOR_P[PERSON = 1 then 1, else 2

| UNITS_MATCH | Integer |

Explanation: If the unit matched the administrative dataset BLDGPAD and had one building on the lot according to that dataset, and three administrative sources (RPAD, HPD, and MAF) agree on the number of units then use that number of units, otherwise leave this variable missing.

Coded definition: if MATCH = 1 and NBLDGS = 1 UNITSR = DUS and UNITSR = MAF unit count then UNITSR, else missing

| UNITS_FINAL | Integer |

Explanation: UNITS_FINAL will be defined in one of four ways. If the respondent confirms that the number of units the FR entered on the front is correct, use that count. If the Respondent reports a different number than what the FR wrote on the front, then use the respondent's count. The vacant and occupied versions of these questions are parallel but draw from distinct variables.

Coded definition:
if OCC_VAC = 1 and UNIT_CORRECT = 1 then UNITS_FRONT
else if OCC_VAC = 1 and UNIT_CORRECT = 2 then UNIT_COUNT

else if OCC_VAC = 2 and V_UNIT_CORRECT = 1 then UNITS_FRONT
else if OCC_VAC = 2 and V_UNIT_CORRECT = 2 then V_UNIT_COUNT

YEARSSINCEMOVEIN[PERSON]	Numeric

Explanation: Derived by subtracting move in year from the year of the interview. If move in month is also available, subtract that from the month of the interview as well to increase the accuracy of the year since the person moved in.

Coded definition:
if INT_YEAR - MOVEIN_P[PERSON] > 2 then (INT_YEAR - MOVEIN_P[PERSON])

else if INT_YEAR - MOVEIN_P[PERSON] <= 2 then (INT_YEAR - MOVEIN_P[PERSON]) + ((INT_MONTH - MOVEIN_MON) / 12)

YEARSSINCEMOVEIN_MAX	Numeric

Explanation: The number of years that the person who has been living in the unit the longest has lived there.

Coded definition:
if INT_YEAR - MOVEIN_P[PERSON] > 2 then (INT_YEAR - MOVEIN_P[PERSON])

else if INT_YEAR - MOVEIN_P[PERSON] <= 2 then (INT_YEAR - MOVEIN_P[PERSON]) + ((INT_MONTH - MOVEIN_MON) / 12)

TOT_INC[PERSON]	Numeric

Explanation: Add all sources of income together for each person, including one time amounts.

Coded definition: Sum of all sources that [PERSON] had income from according to the variables INC_[SOURCE]_AMT_P[PERSON] including INC_ONETIME_AMT_P[PERSON].

| FOLLOWUP | 1. Yes |
| | 2. No |

Explanation: Default to 2 (No). Revert to 1 (Yes) if Respondent answers DK to any questions that are also included in the Follow-up Interview.

Coded definition: if the response to one or more of the following variables = DK: BDAY_MON_P*, BDAY_DAY_P*, BDAY_YEAR_P*, MOVEIN_P*, MOVE1971_P*, LEASENOW, LEASE_LENGTH, LEASEEVER, LEASE_YEAR, LEASE_MONTH, ONLEASE_P*, RENTASSIST_SEC8, RENTASSIST_SA, RENTASSIST_RIE, RENTASSIST_OTHER, RENTASSIST_NONE, LOTTERY_RENTER, INCOMEQUALIFY_RENTER, RENTOUTSIDE, RENTFEES, RENTFEES_AMOUNT, RENT_AMOUNT, RENTPAID, RENTPAID_AMOUNT, RENTASSIST_AMOUNT, RENTOUTSIDE_AMOUNT, RENTPAID_P*, OWNER_P*, PURCHASEYEAR, PURCHASEPRICE, DOWNPAY_AMT, HDEBT_FIRSTMORT, HDEBT_SECONDMORT, HDEBT_HELOC, HDEBT_HOMEEQUITY, HDEBT_REVMORT, HDEBT_OTHER, HDEBT_NONE, HDEBT_HOMEEQUITY_LIMIT, HDEBT_NONE_CONF, PAY_*, FREQPAY_*, FREQPAYOTH_*, TOTAL_*, INT1_*, INT2_*, FIXED_*, HINSURE_AMT, HFLOODINSURE, HFLOODINSURE_AMT, PROPTAX_AMT, COOPCONDOFEE, ASSESSMENT, ASSESSMENT_AMT, UTIL_*, UTILCOSTS_*, PA_*, PA_*_AMOUNT, WORK_P*, WORKJOBS_P*, WORKLAST_P*, WORK52_P*, WORKWEEKS_P*, WORKHOURS_P*, BUSINESS_P*, BUSINESSINC_P*, BUSINESSEMP_P*, INC_*_P*, INC_*_AMT_P*, INC_ONETIME_P*, INC_ONETIME_AMT_P*, TOTAL_INC_CONF_P*, CHILDCARE_AMT, CHILDCARE_P*, SO_PATH1_P*, SEXATBIRTH_PATH*, GI_PATH1_P*, SEXATBIRTH_PATH2_*1, GI1_PATH2_P*, GI2_PATH2_P*, SO_PATH2_P* then 1, else 2

| RENTCOSTSKIP | 1. Skip |
| | 2. Don't skip |

Explanation: Default to 2 (don't skip). Revert to 1 (Skip) if there is another adult in the household and when two responses to the series of questions about rent result in DK. Check responses to each question in the series because if/when the value changes to 1 (Skip), subsequent questions in the series will be skipped.

Coded definition: if ADULT[2..15] = 1 and the count of DK responses to the following variables = 2: RENTASSIST*, LOTTERY_RENTER, INCOMEQUALIFY_RENTER, RENTOUTSIDE, RENTFEES, RENTFEES_AMOUNT, RENT_AMOUNT, RENTPAID, RENTPAID_AMOUNT, RENTASSIST_AMOUNT, RENTOUTSIDE_AMOUNT, RENTPAID_* then 1, else 2

| OWNCOSTSKIP | 1. Skip |
| | 2. Don't skip |

Explanation: Default to 2 (don't skip). Revert to 1 (Skip) if there is another adult in the household and when two responses to the series of questions about owner costs result in DK. Check responses to each question in the series because if/when the value changes to 1 (Skip), subsequent questions in the series will be skipped.

Coded definition: if ADULT[2..15] = 1 and the count of DK responses to the following variables =
2: OWNER_P*, PURCHASEYEAR, PURCHASEPRICE, DOWNPAY_AMT, HDEBT_*, PAY_*,
TOTAL_FIRSTMORT, TOTAL_SECONDMORT, TOTAL_HELOC, TOTAL_HOMEEQUITY,
TOTAL_OTHER, INT1_*, INT2_*, FIXED_*, HINSURE_AMT, HFLOODINSURE*,
HFLOODINSURE, PROPTAX_AMT, LATEMORTGAGE, COOPCONDOFEE, ASSESSMENT*
then 1, else 2

| EMPLSKIP[PERSON] | 1. Skip |
| | 2. Don't skip |

Explanation: Default to 2 (don't skip). Revert to 1 (Skip) if there is another adult in the household
and when one response to the series of questions about a given person's employment results in
DK. Check responses to each question in the series because if/when the value changes to 1
(Skip), subsequent questions in the series will be skipped.

Coded definition: if ADULT[2..15] = 1 and the count of DK responses to the following variables =
1 for a given person: WORK_P[PERSON], WORKJOBS_ P[PERSON], WORKLAST_
P[PERSON], WORK52_ P[PERSON], WORKWEEKS_ P[PERSON], WORKHOURS_
P[PERSON], BUSINESS_ P[PERSON], BUSINESSINC_ P[PERSON], BUSINESSEMP_
P[PERSON] then 1, else 2

| INCSKIP[PERSON] | 1. Skip |
| | 2. Don't skip |

Explanation: Default to 2 (don't skip). Revert to 1 (Skip) if there is another adult in the household
and when one response to the series of questions about a given person's income results in DK.
Check responses to each question in the series because if/when the value changes to 1 (Skip),
subsequent questions in the series will be skipped.

Coded definition: if ADULT[2..15] = 1 and the count of DK responses to the following variables =
1 for a given person: INC_SALARY_P[PERSON], INC_WAGES_P[PERSON],
INC_TIPS_P[PERSON], INC_SELF_P[PERSON], INC_BUSINESS_P[PERSON],
INC_ADD_P[PERSON], INC_BONUS_P[PERSON], INC_STIPEND_P[PERSON],
INC_RENTINC_P[PERSON], INC_RENTPERS_P[PERSON], INC_RETIRE_P[PERSON],
INC_SS_P[PERSON], INC_PENSION_P[PERSON], INC_RAIL_P[PERSON],
INC_OTHRETIRE_P[PERSON], INC_DIS_P[PERSON], INC_WORKCOMP_P[PERSON],
INC_PFL_P[PERSON], INC_FMLA_P[PERSON], INC_SUPPINS_P[PERSON],
INC_INVEST_P[PERSON], INC_INTEREST_P[PERSON], INC_DIVIDEND_P[PERSON],
INC_ANNUITY_P[PERSON], INC_ESTATE_P[PERSON], INC_ROYALTY_P[PERSON],
INC_OTHERINC_P[PERSON], INC_UNEMPL_P[PERSON], INC_CHILDSUPP_P[PERSON],
INC_SURVIVOR_P[PERSON], INC_VET_P[PERSON], INC_OTHERSOURCE_P[PERSON],
INCAMT_WAGES_P[PERSON], INCAMT_JOB_P[PERSON],
INCAMT_SALARY_P[PERSON], INCAMT_WAGES_P[PERSON],
INCAMT_TIPS_P[PERSON], INCAMT_SELF_P[PERSON],
INCAMT_BUSINESS_P[PERSON], INCAMT_ADD_P[PERSON],
INCAMT_BONUS_P[PERSON], INCAMT_STIPEND_P[PERSON],
INCAMT_RENTINC_P[PERSON], INCAMT_RENTPERS_P[PERSON],
INCAMT_RETIRE_P[PERSON], INCAMT_SS_P[PERSON],
INCAMT_PENSION_P[PERSON], INCAMT_RAIL_P[PERSON],
INCAMT_OTHRETIRE_P[PERSON], INCAMT_DIS_P[PERSON],

INCAMT_WORKCOMP_P[PERSON], INCAMT_PFL_P[PERSON], INCAMT_FMLA_P[PERSON], INCAMT_SUPPINS_P[PERSON], INCAMT_INVEST_P[PERSON], INCAMT_INTEREST_P[PERSON], INCAMT_DIVIDEND_P[PERSON], INCAMT_ANNUITY_P[PERSON], INCAMT_ESTATE_P[PERSON], INCAMT_ROYALTY_P[PERSON], INCAMT_OTHERINC_P[PERSON], INCAMT_UNEMPL_P[PERSON], INCAMT_CHILDSUPP_P[PERSON], INCAMT_SURVIVOR_P[PERSON], INCAMT_VET_P[PERSON], INCAMT_OTHERSOURCE_P[PERSON], INCAMT_TIPS_P[PERSON], INC_ONETIME_P[PERSON], INC_ONETIME_AMT_P[PERSON], TOTAL_INC_CONF_P[PERSON] then 1, else 2

NYCHVS Bridge Sample

For the 2020+ cycle, substantial changes have been made to key NYCHVS legacy questions, ranging from apartment size and conditions to rental cost to income and demographics. Changes to legacy items include greater use a specific reference periods, revised wording and order, and questions added to obtain additional detail.

To test the possible impact of these revisions, a "bridge sample" of several thousand occupied rental units is planned. The bridge sample will allow comparison of measures using simple inverse selection probability weights. The final size of the bridge sample is yet to be determined.

Household Composition			
Household Roster	**Item**	**Variable name**	**Data file**
First names of occupants		OLD_FIRST_NAME1 – OLD_FIRST_NAME15	IUF only
Last names of occupants		OLD_LAST_NAME1 – OLD_LAST_NAME15	IUF only
Age of occupants		OLD_AGE1 – OLD_AGE1 5	IUF only

What are the names of all persons living or staying here? Start with the ADULT who owns or rents this apartment (house). Include anyone staying here with no other home. Include anyone who usually lives here but is temporarily away traveling or at school. Include lodgers, boarders, babies, etc.
How old is [PERSON] . . . ?

Last name
First name

Scripting

N/A

Interviewer Notes and Optional Text

OLD_FIRST_NAME1, OLD_LAST_NAME15	Interviewer Note: Enter name of ADULT who rents or owns this apartment as PERSON 1 below.)
OLD_AGE1 – OLD_AGE15	Enter whole years ONLY

Administration (Universe Description)

OLD_HHSIZE	This item is asked of all residents in occupied units
OLD_FIRST_NAME1 – OLD_FIRST_NAME15	This item is asked of all residents in occupied units, with owner in OLD_FIRST_NAME1
OLD_LAST_NAME1 – OLD_LAST_NAME15	This item is asked of all residents in occupied units, with owner in OLD_LAST_NAME1
OLD_AGE1 – OLD_AGE15	This item is asked of all residents in occupied units

Building and Unit Characteristics			
Size of Unit	**Item**	**Variable name**	**Data file**
Number of rooms		OLD_ROOMS	IUF only
Number of bedrooms		OLD_BEDROOMS	IUF only
Plumbing Facilities	**Item**	**Variable name**	**Data file**
Full bathroom		OLD_COMPLETEBATH	IUF only
Shared		OLD_SHAREDBATH	IUF only
Toilet not working		OLD_TOILET_BROK	IUF only
Kitchen Facilities	**Item**	**Variable name**	**Data file**
Complete kitchen		OLD_COMPLETEKITCH	IUF only
Unit shares a kitchen		OLD_SHAREDKITCH	IUF only
Kitchen facilities functioning		OLD_KITCHENFUNCTION	IUF only

How many rooms are in this apartment (house)?
Do not count bathrooms, porches, balconies,
halls, foyers, or half-rooms.

1. One
2. Two
3. Three
4. Four
5. Five
6. Six
7. Seven
8. Eight or more

Of these rooms, how many are bedrooms?

1. One
2. Two
3. Three
4. Four
5. Five
6. Six
7. Seven
8. Eight or more

Does this apartment (house) have complete
plumbing facilities; that is, hot and cold piped
water, a flush toilet, and a bathtub or shower?

0. Yes, has complete plumbing facilities
1. No, has some but not all facilities in
this apartment (house)
2. No plumbing facilities in this apartment
(house)

Are these [plumbing] facilities for the exclusive
use of this household or are they also for use by
another household?

3. For the exclusive use of this
household
4. Also for use by another household

Was there any time in the last three months when

1. Yes

all the toilets in this apartment (house) were not working for six consecutive hours?	2. No 3. No toilet in this apartment (house)
Does this apartment (house) have complete kitchen facilities? Complete kitchen facilities include a sink with piped water, a range or cookstove, and a refrigerator.	0. Yes has complete kitchen facilities 1. No, has some but not all facilities in this apartment (house) 2. No kitchen facilities in this apartment (house), but facilities available in building 3. No kitchen facilities in this building
Are these [kitchen] facilities for the exclusive use of this household or are they also for use by another household?	4. For the exclusive use of this household 5. Also for use by another household
Are all the kitchen facilities in your apartment (house) functioning?	1. Yes, all are functioning 2. No, one or more is not working at all

Scripting

N/A

Interviewer Notes and Optional Text

OLD_KITCHENFUNCTION   Interviewer Note: Sink, range/cookstove, and refrigerator

Administration (Universe Description)

OLD_ROOMS	Administered to all respondents in occupied units
OLD_BEDROOMS	Administered to all respondents in occupied units with more than one room (OLD_ROOMS > 1)
OLD_COMPLETEBATH	Administered to all respondents in occupied units
OLD_SHAREDBATH	Administered to all respondents in occupied units with a partial or complete bathroom (OLD_COMPLETEBATH = 0,1)
OLD_TOILET_BROK	Administered to all respondents in occupied units with a partial or complete bathroom (OLD_COMPLETEBATH = 0,1)
OLD_COMPLETEKITCH	Administered to all respondents in occupied units
OLD_SHAREDKITCH	Administered to all respondents in occupied units with a partial or complete kitchen (OLD_COMPLETEKITCH= 0,1)
OLD_KITCHENFUNCTION	Administered to all respondents in occupied units with a partial or complete kitchen (OLD_COMPLETEKITCH= 0,1)

Utilities

Utility Costs	Item	Variable name	Data file
Utilities included (electricity)		OLD_UTIL_ELECTRIC	IUF only
Utilities paid (electricity)		OLD_UTILCOSTS_ELECTRIC	IUF only
Utilities included (gas)		OLD_UTIL_GAS	IUF only
Utilities paid (gas)		OLD_UTILCOSTS _GAS	IUF only
Utilities paid (gas and electricity combined)		OLD_UTILCOSTS_ELECGAS	IUF only
Utility included (water and sewer)		OLD_UTIL_WATER_SEWER	IUF only
Utility paid (water and sewer)		OLD_UTILCOSTS_WATER_SEWER	IUF only
Utility included (fuel)		OLD_UTIL_FUEL	IUF only
Utility paid (fuel)		OLD_UTILCOSTS_FUEL	IUF only

Do you pay for your own electricity?	1. Yes 2. Yes, but combined with gas 3. No, included in rent, condominium or other fee
What is the average MONTHLY cost?	$ _____ . 00 Per month
Do you pay for your own gas?	1. Yes 2. No, included in rent, condominium or other fee 3. No, gas not used
What is the average MONTHLY cost?	$ _____ . 00 Per month
What is your combined average electricity and gas payment each month?	$ _____ . 00 Fill this ONLY when separate estimates cannot be given.
Do you pay your own water and sewer charges?	1. Yes 2. No, included in rent, condominium or other fee or no charge
What is the total YEARLY cost?	$ _____ . 00 Annual amount

Scripting

N/A   I have some questions about utility costs.

Interviewer Notes and Optional Text

OLD_UTIL_ELECTRIC   Ask for separate estimates [for gas and electric]

Administration (Universe Description)

OLD_UTIL_ELECTRIC	Administered to all respondents in occupied units
OLD_UTILCOSTS_ELECTRIC	Ask if paying for electricity or paying for electricity and gas combined and can estimate costs sepaprately (OLD_UTIL_ELECTRIC = 1,2)
OLD_UTIL_GAS	Administered to all respondents in occupied units
OLD_UTILCOSTS _GAS	Ask if paying for gas or paying for electricity and gas combined and can estimate costs sepaprately (OLD_UTIL_GAS = 1,2)
OLD_UTILCOSTS_ELECGAS	Ask if paying for both electricity and gas combined (OLD_UTIL_ELECTRIC = 1) and can't dis-aggregate their costs
OLD_UTIL_WATER_SEWER	Administered to all respondents in occupied units
OLD_UTILCOSTS_WATER_SEWER	Ask if paying for water and sewer (OLD_UTIL_WATER_SEWER = 1)
OLD_UTIL_FUEL	Administered to all respondents in occupied units
OLD_UTILCOSTS_FUEL	Ask if paying for other fuels (OLD_UTIL_FUEL = 1)

Renter Costs

Rental Costs and Assistance	Item	Variable name	Data file
Amount of rent		OLD_RENT	IUF only
Rental assistance (voucher)		OLD_RENTASSIST_SEC8	IUF only
Rental assistance (SCRIE/DRIE)		OLD_RENTASSIST_RIE	IUF only
Rental assistance (shelter)		OLD_RENTASSIST_SA	IUF only
Rental assistance (federal)		OLD_RENTASSIST_FED	IUF only
Rental assistance (state/city)		OLD_RENTASSIST_OTHER	IUF only
Rental assistance (state/city specify)		OLD_RENTASSIST_OTHER_SPEC	IUF only
Out-of-pocket paid by persons		OLD_POCKET	IUF only

What is the MONTHLY rent?

Enter Dollar Amount:
$ _____ Per month

Is any part of the monthly rent for this apartment (house) paid by any of the following government programs, either to a member of this household or directly to the landlord? Federal Section 8 certificate or voucher program

1. Yes
2. No

Senior Citizen Rent Increase Exemption (SCRIE)

1. Yes
2. No

Public assistance shelter allowance

1. Yes
2. No

Another Federal housing subsidy program

1. Yes
2. No

Another state or city housing subsidy program

1. Yes
2. No

Specify

_____

Of the (amount from OLD_RENT above) rent you reported, how much is paid out of pocket by this household?

Enter Dollar Amount:
$ _____ Per month
0 None

N/A

Interviewer Notes and Optional Text

OLD_RENT	Interviewer Note: If rent is paid other than monthly, refer to the manual on how to convert it.
OLD_POCKET	If needed: Out of pocket means the money your household pays for rent over and above any shelter allowance or other government housing subsidy.
	Interviewer Note: If amount reported in [OLD_POCKET] is not equal to [OLD_RENT], verify that at least one form of subsidy [OLD_RENTASSIST_SEC8 through OLD_RENTASSIST_OTHER] is marked "Yes"; If amount reported in [OLD_POCKET] is equal to [OLD_RENT] but any subsidy OLD_RENTASSIST_SEC8 through OLD_RENTASSIST_OTHER] is marked "Yes", verify that someone in household receives a rental subsidy.

Administration (Universe Description)

OLD_RENT	This item is asked of all renters in occupied units
OLD_RENTASSIST_SEC8	This item is asked of all renters in occupied units
OLD_RENTASSIST_RIE	This item is asked of all renters in occupied units
OLD_RENTASSIST_SA	This item is asked of all renters in occupied units
OLD_RENTASSIST_FED	This item is asked of all renters in occupied units
OLD_RENTASSIST_OTHER	This item is asked of all renters in occupied units
OLD_RENTASSIST_OTHER_SPEC	This item is asked if received other rental assistance
OLD_POCKET	This item is asked of all renters in occupied units

Recode Usage

These items are used in several recodes, including contract rent burden, receipt of rental assistance, and out-of-pocket rent. Recoded: No rental assistance

Housing Quality			
No Heat and Resolution	**Item**	**Variable name**	**Data file**
Lack of heat		OLD_NOHEAT	IUF only
Heating breakdown		OLD_NOHEAT_NUM	IUF only
Insufficient heat		OLD_ADDHEAT	IUF only
Air Conditioners		**Variable name**	
Central or window air conditioning		OLD_AC	IUF only

At any time during this winter, was there a breakdown in your heating equipment; that is, was it completely unusable for 6 consecutive hours or longer?	1. Yes 2. No
How many times did that happen?	1. One 2. Two 3. Three 4. Four or more times
During this winter when your regular heating system was working, did you, at any time, have to use additional sources of heat because your regular system did not provide enough heat? Additional sources may be the kitchen stove, a fireplace, or a portable heater.	1. Yes 2. No
Does your apartment (house) have functioning air conditioning? Would you say central air conditioning, one or more window air conditioners, or no air conditioning?	1. Yes, central air conditioning 2. Yes, one or more window air conditioners 3. No

Scripting

Now, I would like to ask some questions about the condition of this apartment (house).

Interviewer Notes and Optional Text

OLD_AC	Interviewer Note: Central air takes priority over window units.

Administration (Universe Description)

OLD_NOHEAT	Asked of all renters in occupied units
OLD_NOHEAT_NUM	This item is asked of all renters in occupied units that experienced a heating breakdown (OLD_NOHEAT = 1)
OLD_ADDHEAT	Asked of all renters in occupied units
OLD_AC	Asked of all renters in occupied units

Housing Quality

No Heat and Resolution	Item	Variable name	Data file
Rodents		OLD_RODENTS	IUF only
Pests (unit)		OLD_ROACHES_NUM	IUF only
Exterminator service		OLD_EXTERM_SERV	IUF only
Holes in walls		OLD_WALLHOLES	IUF only
Holes in floors		OLD_FLOORHOLES	IUF only
Peeling paint or broken plaster		OLD_PEELPAINT	IUF only
Peeling/broken in large section(s)		OLD_PEELPAINT_LARGE	IUF only
Leaks		OLD_LEAKS	IUF only

At any time in the last 90 days have you seen any mice or rats, or signs of mice or rats in this building?	1. Yes 2. No
During the past month, about how many cockroaches did you see in this apartment (house) on a typical day?	1. None 2. 1 to 5 3. 6 to 19 4. 20 or more 5. Don't know/Not sure
Is this building serviced by an exterminator regularly, only when needed, irregularly, or not at all?	1. Regularly 2. Only when needed 3. Irregularly 4. Not at all 5. Don't know
Does this apartment (house) have holes in the floors?	1. Yes 2. No
Is there any broken plaster or peeling paint on the ceiling or inside walls?	0. Yes 1. No
Is the area of broken plaster or peeling paint larger than 8 1⁄2 inches by 11 inches?	2. Yes 3. No
Has water leaked into your apartment (house) in the last 12 months, excluding leaks resulting from your own plumbing fixtures backing up or overflowing?	1. Yes 2. No

---

Scripting

N/A

Interviewer Notes and Optional Text

OLD_PEELPAINT	Interviewer Instruction: Show a copy of the Survey Letter to demonstrate the 8½ x 11 size.

Administration (Universe Description)

OLD_RODENTS	Asked of all renters in occupied units
OLD_ROACHES_NUM	Asked of all renters in occupied units
OLD_EXTERM_SERV	Asked of all renters in occupied units
OLD_WALLHOLES	Asked of all renters in occupied units
OLD_FLOORHOLES	Asked of all renters in occupied units
OLD_PEELPAINT	Asked of all renters in occupied units
OLD_PEELPAINT_LARGE	Asked of all renters in occupied units reporting broken plaster or peeling paint (OLD_PEELPAINT = 0)
OLD_LEAKS	Asked of all renters in occupied units

Recode Usage

There are several standard maintenance deficiencies that are combined to determine a total count of maintenance deficiencies in line with past NYCHVS cycles: heating breakdown (OLD_NOHEAT_NUM<5), use of additional heating sources (OLD_ADD_HEAT), leaks (OLD_LEAKS), toilet breakdowns (OLD_TOILET_BROK), holes in the floors or walls (OLD_HOLES_WALLS, OLD_HOLES_FLOOR), and large sections of peeling paint (OLD_PEELPAINT_LARGE). Users often use thresholds of three or more items reported or five or more items reported as an indication of poor housing quality.

Income and Employment

Employment	Item	Variable name	Data file
Person worked last week		OLD_WORK_P1-OLD_WORK_P15	IUF only
Hours worked		OLD_WORKHOURS_P1-OLD_WORKHOURS_P15	IUF only
Temporary on layoff		OLD_TEMP_LAYOFF_P1-OLD_TEMP_LAYOFF_P15	IUF only
Anything to find work		OLD_FINDWORK	IUF only
Weeks worked in year		OLD_WEEKSWORKED_P1-OLD_WEEKSWORKED_P15	IUF only
Weekly hours worked in year		OLD_HOURSWORKED_P1-OLD_HOURSWORKED_P15	IUF only
Income source (wages)		OLD_INC_WAGES_P1-OLD_INC_WAGES_P15	IUF only
Income source (self)		OLD_INC_SELF_P1-OLD_INC_SELF_P15	IUF only
Income source (dividend)		OLD_INTEREST_P1-OLD_INTEREST_P15	IUF only
Income source (social security)		OLD_INC_SS_P1-OLD_INC_SS_P15	IUF only
Income source (SSI)		OLD_INC_DIS_P1-OLD_INC_DIS_P15	IUF only
Income source (retirement)		OLD_INC_RETIRE_P1-OLD_INC_RETIRE_P15	IUF only
Income source (oth retirement)		OLD_INC_OTHRETIRE_P1-OLD_INC_OTHRETIRE_P15	IUF only

Did . . . work at any time last week?

1. Yes – Full or part-time (includes helping without pay in family business)
2. No – Did not work (or did only own housework, school work, or volunteer work)

How many hours did . . . work last week at all jobs?   Hours

Was . . . TEMPORARILY absent or on layoff from a job last week?

1 Yes, on layoff
2. Yes, on vacaiton, temporary illness, labor dispute, etc.
3. No

Has . . . been doing anything to find work during the last four weeks?

1. Yes
2. No

How many weeks did . . . work in [year]?

_____ Weeks or
00 None

How many hours did . . . usually work each week in [year]?   _____ Hours

Did . . . earn income from wages, salary, commissions, bonuses, or tips?

Yes – How much from all jobs? Report the amount before deductions for taxes, bonds, dues or other items
$ _____ . 00 Annual amount – Dollars
1. No

Did . . . earn any income from (his/her) own farm or nonfarm business, proprietorship, or partnership?

Yes – How much? Report net income after business expenses
$ _____ . 00 Annual amount – Dollars
1. No
2. Loss

Did . . . receive any interest, dividends, net rental or royalty income, or income from estates and trusts? Include even small amounts credited to an account.

Yes – How much?
$ _____ . 00 Annual amount – Dollars
1. No
2. Loss

Did . . . receive any Social Security or Railroad Retirement payments? Include payments as a retired worker, dependent, or disabled worker.

Yes – How much?
$ _____ . 00 Annual amount – Dollars
1. No

Did . . . receive any income from government programs for Supplemental Security Income (SSI), Family Assistance/Temporary Assistance for Needy Families (TANF), Safety Net, or any other public assistance or public welfare payments, including shelter allowance?

Yes – How much?
$ _____ . 00 Annual amount – Dollars
1. No

Did . . . receive any income from retirement, survivor, or disability pensions? Include payments from companies, unions, Federal, State, or local governments and the U.S. military. Do NOT include Social Security.

Yes – How much?
$ _____ . 00 Annual amount – Dollars
1. No

Did . . . receive any income from Veterans' (VA) payments, unemployment compensation, child support, alimony, or any other regular source of income? Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.

Yes – How much?
$ _____ . 00 Annual amount – Dollars
1. No

Scripting

OLD_INC_WAGES: The following questions are about income received during 2016

Interviewer Notes and Optional Text	
OLD_WEEKSWORKED	Interviewer Note: Count paid vacation, paid sick leave, and military service.
OLD_INC_WAGES	Interviewer Note: If an exact amount is not known, accept a best estimate. If there was a net loss in b [OLD_INTEREST] or c [OLD_INTEREST], mark the "Loss" box and enter the dollar amount of the loss.

Administration (Universe Description)	
OLD_WORK_P1- OLD_WORK_P15	Ask of all household members age 15 and above
OLD_WORKHOURS_P1- OLD_WORKHOURS_P15	Ask of all household members age 15 and above who worked full or part-time last week (OLD_WORK = 1)
OLD_TEMP_LAYOFF_P1- OLD_TEMP_LAYOFF_P15	Ask of all household members age 15 and above who did not work last week (OLD_WORK = 2)
OLD_FINDWORK	Ask of all household members age 15 and above who did not work last week (OLD_WORK = 2) and were on layoff or not temporarily absent (OLD_TEMP_LAYOFF = 1,3)
OLD_WEEKSWORKED_P1- OLD_WEEKSWORKED_P15	Ask of all household members age 15 and above
OLD_HOURSWORKED_P1- OLD_HOURSWORKED_P15	Ask of all household members age 15 and above
OLD_INC_WAGES_P1- OLD_INC_WAGES_P15	Ask of all household members age 15 and above
OLD_INC_SELF_P1- OLD_INC_SELF_P15	Ask of all household members age 15 and above
OLD_INTEREST_P1- OLD_INTEREST_P15	Ask of all household members age 15 and above
OLD_INC_SS_P1- OLD_INC_SS_P15	Ask of all household members age 15 and above
OLD_INC_DIS_P1- OLD_INC_DIS_P15	Ask of all household members age 15 and above
OLD_INC_RETIRE_P1- OLD_INC_RETIRE_P15	Ask of all household members age 15 and above
OLD_INC_OTHRETIRE_P1- OLD_INC_OTHRETIRE_P15	Ask of all household members age 15 and above

Education			
Educational Attainment	**Item**	**Variable name**	**Data file**
In school now		OLD_SCHLNOW_P1- OLD_SCHLNOW_P15	IUF only
Highest education (US)		OLD_EDUC_P1- OLD_EDUC_P15	IUF only

Are you/Is . . . currently enrolled, either part-time or full time, in any of these?	1. GED program 2. High school 3. College 4. Graduate or professional degree program 5. Occupational, vocational, or apprenticeship program 6. Literacy or ESL program 7. No, not enrolled
How much school have you/has . . .completed?	01 No school completed 02 Up to 6th grade 03 7th or 8th grade 04 9th, 10th, 11th, or 12th grade, but no H.S. diploma 05 H.S. diploma 06 Some college, but no degree 07 Associate degree 08 College graduate 09 Some graduate/professional training 10 Graduate/professional degree

Scripting

N/A

Interviewer Notes and Optional Text

OLD_SCHLNOW_P1- OLD_SCHLNOW_P15	Read categories and mark (X) all that apply
OLD_EDUC_P1- OLD_EDUC_P15	(Show Flashcard VI to respondent and have him/her select an answer. Then mark (X) the appropriate box below.)

Administration (Universe Description)

OLD_SCHLNOW_P1- OLD_SCHLNOW_P15	Ask of all household members age 15 and above
OLD_EDUC_P1- OLD_EDUC_P15	Ask of all household members age 15 and above

Public Benefits and Coverage			
Public Assistance	**Item**	**Variable name**	**Data file**
Program (TANF)		OLD_PA_TANF	IUF only
Program (SNA)		OLD_PA_SNA	IUF only
Program (SSI)		OLD_PA_SSI	IUF only
Program (SNAP)		OLD_PA_SNAP	IUF only
Program (WIC)		OLD_PA_WIC	IUF only
Program (Other)		OLD_PA_OTH	IUF only
Other (specify)		OLD_PA_OTH_SPEC	IUF only

Does anyone in this household (including children under age 15) receive public assistance or welfare payments from any of the following?

1. Yes
2. No
3. Don't Know

Temporary Assistance for Needy Families (TANF), or Family Assistance
Safety Net Assistance

1. Yes
2. No
3. Don't Know

Supplemental Security Income (SSI), including aid to the blind or disabled

1. Yes
2. No
3. Don't Know

Supplemental Nutrition Assistance Program (SNAP)

1. Yes
2. No
3. Don't Know

Women, Infants and Children (WIC)

1. Yes
2. No
3. Don't Know

Other

1. Yes
2. No
3. Don't Know

Specify

_____

Scripting

N/A

Interviewer Notes and Optional Text

OLD_PA_*	(If any household member 15 or older has reported income on item 49e, one or more of the answers to item 52 should be "Yes".)

Administration (Universe Description)

OLD_PA_TANF	Asked of all renters in occupied units
OLD_PA_SNA	Asked of all renters in occupied units
OLD_PA_SSI	Asked of all renters in occupied units
OLD_PA_SNAP	Asked of all renters in occupied units
OLD_PA_WIC	Asked of all renters in occupied units
OLD_PA_OTH	Asked of all renters in occupied units
OLD_PA_OTH_SPEC	Asked of households with other source of public assistance (OLD_PA_OTH =1)

Index of questions asked in NYCHVS 2020+