

Rental Housing Finance Survey

Codebook for 2021 Internal and Public Use Files

**December
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Version 1.0

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Introduction

The Census Bureau has reviewed the RHFS 2021 Microdata file for unauthorized disclosure of the confidential information and has approved the disclosure avoidance practices applied (Approval ID: CBDRB-FY23-104). This codebook was developed by the U.S. Department of Housing and Urban Development and the U.S. Census Bureau.

Data Structure

RHFS data is provided in three files:

- Properties – records with ‘complete interviews’ (5106 cases).
- IUFMaster – contains administrative, geography, and sampling data (5106 cases).
- Catvar – contains descriptions of the categorical variables.

The "Availability" designation indicates that the variable is on the IUF only, the PUF only, or both the PUF and IUF.

Sample size

The 2021 RHFS national sample included 11,510 cases. Data were collected at the property level. Therefore, each record in the data set pertains to a property.

Additional Data Notes

-Number of units in property: The recode for NUMUNITS_R (number of units in property) is based on the units in questions DP_6 and DP_7. The questionnaire also asks for unit counts in questions 5 and 6. For various reasons, the unit counts in these questions may vary. Census Bureau analysts recommend that questions DP_6 and DP_7 are likely to be the most reliable sources for total units in property.

How To Use the Codebook

RHFS variables are divided into eight modules based on subject matter. The table of contents lists the eight modules and the page numbers on which they start. Each module section of the codebook includes an alphabetic listing of variables.

Each variable listing contains the following information:

Name of variable

Description of variable

Response categories (if applicable)

Type: Either continuous or categorical

Length: Length of variable

Questionnaire number: The questionnaire number from which the variable was derived (if applicable)

Question wording: The text of the question (if applicable)

Universe: The records for which this variable applies

Edit flag: A flag to indicate if the variable is edited

Topcoded: A flag to indicate if the variable is topcoded

Bottomcoded: A flag to indicate if the variable is bottomcoded

Recoded variable: A flag to indicate if the variable is recoded

Recode specification: Description of how variable was recoded (if applicable)

Availability: Indicates if the variable is available on the Public Use File, Internal Use File, or both

Comments: Other information helpful for understanding or using the variable

Administrative Module

The Administrative Modules includes variables that are related to the administration of the RHFS. Most of the variables in this module are created by database managers.

Var Name	Var Name	PUF/IUF Availability	Table
CONTROLPUF	Public use file control number, scrambled	PUF and IUF	PROPERTIES, IUFMASTER
OUTCOME	Outcome code	PUF and IUF	PROPERTIES, IUFMASTER
PROPTOWN	A series of townhomes or row houses	PUF and IUF	PROPERTIES, IUFMASTER
REPWGTO	Replicate weight 0	PUF and IUF	PROPERTIES, IUFMASTER
REPWGT1 - 100	Replicate weights 1 to 100	PUF and IUF	PROPERTIES, IUFMASTER
WEIGHT	Property weight	PUF and IUF	PROPERTIES, IUFMASTER
AHS_CONTROL	AHS control number	IUF Only	PROPERTIES, IUFMASTER
BLOCK	Census block code	IUF Only	IUFMASTER
BLOCK_GROUP	Block group	IUF Only	IUFMASTER
COMPPI	Questions completed by personal interview	IUF Only	IUFMASTER
COMPSR	Questions completed by self-response	IUF Only	IUFMASTER
CURBLK	Current block - block	IUF Only	IUFMASTER
CURBLKTRACT	Current block - tract	IUF Only	IUFMASTER
DTSRCE	Data Source	IUF Only	IUFMASTER
FIPCNTY	Current FIPS county code	IUF Only	IUFMASTER
FIPST	Current FIPS state code	IUF Only	IUFMASTER
INTMONTH	Interview month	IUF Only	IUFMASTER
INTYEAR	Interview year	IUF Only	IUFMASTER
LATITUDE	Official coordinate - latitude	IUF Only	IUFMASTER
LONGITUDE	Official coordinate – longitude	IUF Only	IUFMASTER
MAFID	Master address file identification	IUF Only	IUFMASTER
OWNCITY	Owner's city	IUF Only	IUFMASTER
OWNCITY2	City of person to aid in followup	IUF Only	IUFMASTER
OWNMAN	Are you currently the owner or manager	IUF Only	IUFMASTER
OWNSTATE	Owner's state	IUF Only	IUFMASTER
OWNSTATE2	State of person to aid in followup	IUF Only	IUFMASTER
PANEL	Replicate half-sample within the random group	IUF Only	IUFMASTER
PRCITY	Property city	IUF Only	IUFMASTER
PROPMH	A manufactured housing community	IUF Only	IUFMASTER
PROPPUB	Operated by a public housing authority	IUF Only	IUFMASTER

CONTROLPUF =

Public use file control number, scrambled

Type: Categorical

Length: 8

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

This is a text field

OUTCOME =

Outcome code

001 = Interview complete; self response
 003 = Assisted living limited interview; self response
 005 = Conversion from partial to full interview
 201 = Interview complete; field interview
 203 = Assisted living limited interview; field interview
 204 = Sufficient partial - No follow up needed
 213 = Language problem
 214 = Unable to locate property
 314 = Unable to locate owner/property manager
 216 = No one available
 217 = Temporarily absent
 218 = Refusal by owner
 318 = Refusal by property manager/other
 219 = Noninterview - other
 311 = Sample property is operated by public housing
 312, 012 = Not a rental; field interview, Not a rental; self response
 237, 037 = Owner occupied; field interview, Owner occupied; self response
 229 = Under construction - not ready
 240 = Demolished
 243 = Converted to a permanent business or storage
 255 = Group quarters
 316, 016 = Nursing home; field interview, Nursing home; self response
 320 = Vacant unit
 321 = Duplicate identified during data collection
 233 = Out of scope - other
 600 = Duplicate identified before data collection

Type: Categorical

Length: 3

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Outcome codes 001, 003, 005, 007, 201, 203, 204 indicate a complete or sufficient partial interview. Outcome codes 213-214, 216-219, 314, and 318 indicate noninterviews. Outcome codes 012, 016, 037, 229, 233, 237, 240, 243, 255, 311-312, 316, 320-321 indicate out-of-scopes.

PROPTOWN =

A series of townhomes or row houses

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 1d

Universe:

All properties in sample

Edit flag variable: JROPTOWN

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

New in 2021

REPWGT0 =

Replicate weight 0

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Equivalent to WEIGHT on PROPERTIES file.

REPWGT1 - 100 =

Replicate weights 1 to 100

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Replicate weights 1 through 100 are on the replicate weight file.

WEIGHT =

Property weight

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Equivalent to REPWGT0. This is the final property weight. A researcher who does not wish to work with the replicate weights can apply this weight to obtain national estimates.

AHS_CONTROL =

AHS control number

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

BLOCK =

Census block code

Type: Character

Length: 4

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

BLOCK_GROUP =

Block group

Type: Character

Length: 1

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

Property Module

The Property Module includes variables that are specific to the property, such as number of buildings and number of units.

Var Name	Var Name	PUF/IUF Availability	Table
BED0_R	Number of efficiencies, recode	PUF Only	PROPERTIES
BED1_R	Number of 1 bedroom units, recode	PUF Only	PROPERTIES
BED2_R	Number of 2 bedroom units, recode	PUF Only	PROPERTIES
BED3_R	Number of 3+ bedroom units, recode	PUF Only	PROPERTIES
CAPRATE_R	Capitalization rate for property	PUF Only	PROPERTIES
CPRESAMT_R	Estimated capital reserves balance, recoded	PUF Only	PROPERTIES
MRKTVAL_R	Current market value, rounded	PUF Only	PROPERTIES
MRKTVALPU_R	Value per unit, recode	PUF Only	PROPERTIES
NUMBLD_R	Number of buildings in property, recode	PUF Only	PROPERTIES
NUMCAT_R	Number of units in property, recode, categorized	PUF Only	PROPERTIES
NUMUNITS_R	Number of units in property, recode, topcoded	PUF Only	PROPERTIES
PURPRICE_R	Purchase price, rounded	PUF Only	PROPERTIES
TEMPOC_R	Number of units occupied property personnel, recode	PUF Only	PROPERTIES
TOTHVA_R	Number of units other vacant, recode	PUF Only	PROPERTIES
TOWNOC_R	Number of units owner-occupied, recode	PUF Only	PROPERTIES
TRENOC_R	Number of units renter-occupied, recode	PUF Only	PROPERTIES
TRENVA_R	Number of units vacant for rent, recode	PUF Only	PROPERTIES
YRNEWBLG_R	Year newest building constructed, recode	PUF Only	PROPERTIES
YRPROPACQ_R	Year property acquired by owner, recode	PUF Only	PROPERTIES
BROOMS	Number of bedrooms for single units	PUF and IUF	PROPERTIES, IUFMASTER
CASHDWN	Cash down payment	PUF and IUF	PROPERTIES, IUFMASTER
CASHDWNAMT	Cash down amount	PUF and IUF	PROPERTIES, IUFMASTER
HOWACQ	How property was acquired	PUF and IUF	PROPERTIES, IUFMASTER
HOWMVAL	Basis for current market value	PUF and IUF	PROPERTIES, IUFMASTER
OFFSTPARK	Number of off-street parking spaces	PUF and IUF	PROPERTIES, IUFMASTER
OFFSTPARKAHS	Has off-street parking spaces	PUF and IUF	PROPERTIES, IUFMASTER
TOTRENTVAC	Total # of units for rent or vacant-for rent, calculated by instrument	PUF and IUF	PROPERTIES, IUFMASTER
UNITSTAT	Status of single unit	PUF and IUF	PROPERTIES, IUFMASTER

BED0_R =

Number of efficiencies, recode

0 – 9999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (RO_BED0, VR_BED0, OO_BED0, OP_BED0, OV_BED0)

Availability: PUF Only

Comments:

Variables referenced in the recode specifications are available in the internal use file

BED1_R =

Number of 1 bedroom units, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (RO_BED1, VR_BED1, OO_BED1, OP_BED1, OV_BED1)

Availability: PUF Only

Comments:

Variables referenced in the recode specifications are available in the internal use file

BED2_R =

Number of 2 bedroom units, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (RO_BED2, VR_BED2, OO_BED2, OP_BED2, OV_BED2)

Availability: PUF Only

Comments:

Variables referenced in the recode specifications are available in the internal use file

BED3_R =

Number of 3+ bedroom units, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (RO_BED3, VR_BED3, OO_BED3, OP_BED3, OV_BED3)

Availability: PUF Only

Comments:

Variables referenced in the recode specifications are available in the internal use file

CAPRATE_R =

Capitalization rate for property

0 – 9999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

(TOTCOLL+COMMRENT-OPEX_R)/MRKTVAL_R

Rounded to the nearest .0001

Availability: PUF Only

Comments:

CPRESAMT_R =

Estimated capital reserves balance, recoded

0 – 999999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 12

Questionnaire Number: 17a

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Availability: PUF Only

Comments:

MRKTVAL_R =

Current market value, rounded

0 – 999999997

-9 = Not reported

Type: Continuous

Length: 9

Questionnaire Number: 4c

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JRKTVAL

Bottomcoded: Yes

Topcoded: Yes

Recoded: Yes

Recode Specifications:

If NUMCAT in ('00', '01') then

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$1,000,000

. (missing): -9

If NUMCAT eq '02' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$2,000,000

. (missing): -9

If NUMCAT eq '03' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$4,999,999: round to nearest \$1,000,000

\$5,000,000 or more: round to nearest \$5,000,000

. (missing): -9

If NUMCAT eq '04' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$19,999,999: round to nearest \$1,000,000

\$20,000,000 or more: round to nearest \$20,000,000

. (missing): -9

Availability: PUF Only

Comments:

MRKTVALPU_R =

Value per unit, recode

0 – 99999997

-9 = Not reported

Type: Continuous

Length: 8

Questionnaire Number: 2a, 4c

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

MRKTVAL_R / NUMUNITS_R

Availability: PUF Only

Comments:

NUMBLD_R =

Number of buildings in property, recode

1 = 1 building
 2 = 2 to 3 buildings
 3 = 4 to 6 buildings
 4 = 7 to 10 buildings
 5 = 11 to 14 buildings
 6 = 15 to 19 buildings
 7 = 20 or more buildings

Type: Categorical

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

1 = 1 building
 2 = 2 to 3 buildings
 3 = 4 to 6 buildings
 4 = 7 to 10 buildings
 5 = 11 to 14 buildings
 6 = 15 to 19 buildings
 7 = 20 or more buildings

Availability: PUF Only

Comments:

The calculation of number of buildings takes data from
 internal use variables UNITSB1 through UNITSB20PL.

NUMCAT_R =

Number of units in property, recode, categorized

00 = 1 unit
 01 = 2 to 4 units
 02 = 5 to 24 units
 03 = 25 to 49 units
 04 = 50 or more units
 -9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Recode NUMUNITS_R

00 = 1 unit
 01 = 2 to 4 units
 02 = 5 to 24 units
 03 = 25 to 49 units
 04 = 50 or more units

Availability: PUF Only

Comments:

NUMUNITS_R =

Number of units in property, recode, topcoded

2 – 99999997

-9 = Not reported

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (UNITSB1, UNITSB2, UNITSB3, UNITSB4, UNITSB5, UNITSB6, UNITSB7, UNITSB8, UNITSB9, UNITSB10, UNITSB11, UNITSB12, UNITSB13, UNITSB14, UNITSB15, UNITSB16, UNITSB17, UNITSB18, UNITSB19, UNITSB20PL)

Availability: PUF Only

Comments:

The individual components (UNITSB1 through UNITSB20PL) were individually topcoded prior to creating the variable.

PURPRICE_R =

Purchase price, rounded

0 – 999999997

-9 = Not reported

Type: Continuous

Length: 9

Questionnaire Number: 4b

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: Yes

Topcoded: Yes

Recoded: Yes

Recode Specifications:

If NUMCAT in ('00', '01') then

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$1,000,000

. (missing): -9

If NUMCAT eq '02' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$2,000,000

. (missing): -9

If NUMCAT eq '03' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$4,999,999: round to nearest \$1,000,000

\$5,000,000 or more: round to nearest \$5,000,000

. (missing): -9

If NUMCAT eq '04' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$19,999,999: round to nearest \$1,000,000

\$20,000,000 or more: round to nearest \$20,000,000

. (missing): -9

Availability: PUF Only

Comments:

TEMPOC_R =

Number of units occupied property personnel,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (OP_BED0, OP_BED1, OP_BED2, OP_BED3)

Availability: PUF Only

Comments:

Variable listed in the recode specifications are available in
the internal use file

TOTHVA_R =

Number of units other vacant, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (OV_BED0, OV_BED1, OV_BED2, OV_BED3)

Availability: PUF Only

Comments:

Variable listed in the recode specifications are available in
the internal use file

TOWNOC_R =

Number of units owner-occupied, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (OO_BED0, OO_BED1, OO_BED2, OO_BED3)

Availability: PUF Only

Comments:

Variable listed in the recode specifications are available in
the internal use file

TRENOC_R =

Number of units renter-occupied, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (RO_BED0, RO_BED1, RO_BED2, RO_BED3)

Availability: PUF Only

Comments:

Variable listed in the recode specifications are available in the internal use file

TRENTVA_R =

Number of units vacant for rent, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge 2

Edit flag variable:

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (VR_BED0, VR_BED1, VR_BED2, VR_BED3)

Availability: PUF Only

Comments:

Variable listed in the recode specifications are available in the internal use file

YRNEWBLG_R =

Year newest building constructed, recode

For multi-units

- 1 = 2019 to 2021
- 2 = 2016 to 2018
- 3 = 2013 to 2015
- 4 = 2010 to 2012
- 5 = 2005 to 2009
- 6 = 2000 to 2004
- 7 = 1990 to 1999
- 8 = 1980 to 1989
- 9 = 1970 to 1979
- 10 = 1960 to 1969
- 11 = 1959 or earlier
- 9 = Not reported

Not applicable for single-units

Type: Categorical

Length: 8

Questionnaire Number: 3b

Universe:

All properties in scope and NUMBLD_R ge 2

Edit flag variable: JRNEWBLG

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

For NUMCAT_R='00': (Singles)

-8 = Only one building on property (Not applicable)

For NUMCAT_R~='00': (Multifamily)

- 11 = YRNEWBLG le 1959
- 10 = YRNEWBLG eq 1960 to 1969
- 9 = YRNEWBLG eq 1970 to 1979
- 8 = YRNEWBLG eq 1980 to 1989
- 7 = YRNEWBLG eq 1990 to 1999
- 6 = YRNEWBLG eq 2000 to 2004
- 5 = YRNEWBLG eq 2005 to 2009
- 4 = YRNEWBLG eq 2010 to 2012
- 3 = YRNEWBLG eq 2013 to 2015
- 2 = YRNEWBLG eq 2016 to 2018
- 1 = YRNEWBLG eq 2019 to 2021

If 2-4 unit property:

1= (collapse 1-5 levels) = 2005 to 2021

If 5-24 unit property or 25-49 unit property:

1 = (collapse 1-2 levels) = 2016 to 2021

3 = (collapse 3-4 levels) = 2010 to 2015

-8 = Only one building on property (Not applicable)

-9 = YRNEWBLG Not reported

-8 = Only one building on property (Not applicable)

-9 = YRNEWBLG Not reported

Availability: PUF Only

Comments:

YRPROPACQ_R =

Year property acquired by owner, recode

1 = 2019 to 2021

2 = 2016 to 2018

3 = 2013 to 2015

4 = 2010 to 2012

5 = 2005 to 2009

6 = 2000 to 2004

7 = 1990 to 1999

8 = 1980 to 1989

9 = 1970 to 1979

10 = 1969 or earlier

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 4a

Universe:

All properties in scope

Edit flag variable: JRPROPACQ

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

1 = YRPROPACQ eq 2019 to 2021

2 = YRPROPACQ eq 2016 to 2018

3 = YRPROPACQ eq 2013 to 2015

4 = YRPROPACQ eq 2010 to 2012

5 = YRPROPACQ eq 2005 to 2009

6 = YRPROPACQ eq 2000 to 2004

7 = YRPROPACQ eq 1990 to 1999

8 = YRPROPACQ eq 1980 to 1989

9 = YRPROPACQ eq 1970 to 1979

10 = YRPROPACQ le 1969

-9 = YRPROPACQ eq Not reported

Availability: PUF Only

Comments:

BROOMS =

Number of bedrooms for single units

0 – 97

Type: Continuous

Length: 2

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R eq 1

Edit flag variable: JROOMS

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

CASHDWN =

Cash down payment

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 4b1

Universe:

All properties in scope where INTTYPE eq 1 and
YRPROPACQ eq 2016 - 2021

Edit flag variable: JASHDWN

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Only applies to the last six years

CASHDWNAMT =

Cash down amount

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 4b2

Universe:

All properties in scope where INTTYPE eq 1 CASHDWN eq 1 and YRPROPACQ = 2016 - 2021

Edit flag variable: JASHDWNAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$99,999 to \$999,999: round to nearest \$100,000

\$1,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

Only applies to the last six years

HOWACQ =

How property was acquired

1 = I purchased the land then proceeded to develop new residential building(s) (including razing existing structures on the land).

2 = I purchased the property in a condition that required capital investments to perform substantial rehabilitation of the residential building(s) so as to make them suitable for the rental market.

3 = I purchased the property in a condition that did Not require substantial rehabilitation to make it suitable for the target rental market.

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 4

Universe:

All properties in scope

Edit flag variable: JOWACQ

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

HOWMVAL =

Basis for current market value

- 1 = Local tax assessment of this property
- 2 = Recent real estate appraisal
- 3 = Insurance replacement cost
- 4 = Original purchase price plus inflation
- 5 = Original purchase price plus improvements and inflation
- 6 = Selling or asking price of similar properties
- 7 = Capitalization of current rental revenues
- 8 = Other - Specify
- 9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 4d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JOWMVAL

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

OFFSTPARK =

Number of off-street parking spaces

0 – 9997

Type: Continuous

Length: 4

Questionnaire Number: 10

Universe:

All properties in scope where INTTYPE eq 1 and
NUMUNITS_R ge 2

Edit flag variable: JFFSTPARK

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

OFFSTPARKAHS =

Has off-street parking spaces

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 10

Universe:

All properties in scope where INTTYPE eq 1 and
NUMUNITS_R eq 1

Edit flag variable: JFFSTPARKAHS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

UNITSTAT =

Status of single unit

1 = Rented

2 = Vacant, for rent

3 = Occupied by owner, property personnel or unit owner

4 = Vacant for other reasons

Type: Categorical

Length: 8

Questionnaire Number: 2

Universe:

All properties in scope

Edit flag variable: JNITSTAT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

TOTRENTVAC =Total # of units for rent or vacant-for rent,
calculated by instrument

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5

Universe:

All properties in scope where NUMUNITS_R ge2

Edit flag variable: JOTRENTVAC

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ASSIST =

Services available – assisted living services

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 8

Universe:

All properties in scope

Edit flag variable: JSSIST

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

New in 2021

Ownership and Management Module

The Ownership and Management Module includes variables that are related to how the property is owned and by whom it is managed.

Var Name	Var Name	PUF/IUF Availability	Table
ADAGENCY	Advertising method: an apartment rental agency listing	PUF and IUF	PROPERTIES, IUFMASTER
ADAGENT	Advertising method: a real estate agent	PUF and IUF	PROPERTIES, IUFMASTER
ADNEWSPAPER	Advertising method: a newspaper or other print publication	PUF and IUF	PROPERTIES, IUFMASTER
ADONLINE	Advertising method: online real-estate classifieds	PUF and IUF	PROPERTIES, IUFMASTER
ADOTHONLINE	Advertising method: other online advertisement	PUF and IUF	PROPERTIES, IUFMASTER
ADVERTISE	Use of advertising	PUF and IUF	PROPERTIES, IUFMASTER
ADWEBSITE	Advertising method: Website dedicated solely to your rental property	PUF and IUF	PROPERTIES, IUFMASTER
HRSMNGMNT	Hours owner spends on day to day management	PUF and IUF	PROPERTIES, IUFMASTER
MLS	Advertised on MLS	PUF and IUF	PROPERTIES, IUFMASTER
MNGMNT	Responsible for day to day management	PUF and IUF	PROPERTIES, IUFMASTER
OWNENT	Current ownership entity	PUF and IUF	PROPERTIES, IUFMASTER

ADAGENCY =

Advertising method: an apartment rental agency listing

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDAGENCY

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADAGENT =

Advertising method: a real estate agent

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDAGENT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADNEWSPAPER =

Advertising method: a newspaper or other print publication

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDNEWSPAPER

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADOTHONLINE =

Advertising method: other online advertisement

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDOTHONLINE

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADONLINE =

Advertising method: online real-estate classifieds

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDONLINE

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADVERTISE =

Use of advertising

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15c

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JDVERTISE

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ADWEBSITE =

Advertising method: Website dedicated solely to your rental property

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15d

Universe:

All properties in scope where where INTTYPE eq 1 and NUMUNITS ge 10

Edit flag variable: JDWEBSITE

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

HRSMNMGMT =

Hours owner spends on day to day management

0 – 997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 3

Questionnaire Number: 15b

Universe:

All properties in scope where INTTYPE eq 1 and MNGMNT eq 1

Edit flag variable: JRSMNMGMT

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

MLS =

Advertised on MLS

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 15e

Universe:

All properties in scope where INTTYPE eq 1 and ADAGENT = 1

Edit flag variable: JLS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

MNGMNT =

Responsible for day to day management

1 = Property owner or unpaid agent of owner (such as a family member)

2 = Management agent directly employed by owner

3 = Management company

4 = Other

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 15a

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JNGMNT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

OWNENT =

Current ownership entity

1 = Individual investor, including joint ownership by two or more individuals, such as a married couple

2 = Trustee for estate

3 = LLP, LP, or LLC

4 = Tenant in common

5 = General partnership

6 = Real Estate Investment Trust (REIT)

7 = Real estate corporation

8 = Housing cooperative organization or stock cooperative

9 = Nonprofit organization (including religious institution, labor union, or fraternal organization)

10 = Other kind of institution

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 18

Universe:

All properties in scope

Edit flag variable: JWNENT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Rent Module

The Rent Module includes variables that summarize rent levels within the property and items that are included in the rent.

Var Name	Var Name	PUF/IUF Availability	Table
COMMRENT	Total receipts from commercial rent, rounded	PUF and IUF	PROPERTIES, IUFMASTER
COMMSPACE	Commercial use space	PUF and IUF	PROPERTIES, IUFMASTER
CONCSS	Rent concessions	PUF and IUF	PROPERTIES, IUFMASTER
CONCSSNUM	Number of current tenants getting rent concessions	PUF and IUF	PROPERTIES, IUFMASTER
HIRENT	Highest asking rent	PUF and IUF	PROPERTIES, IUFMASTER
ICABLE	Cable or satellite TV amenity included in the rent?	PUF and IUF	PROPERTIES, IUFMASTER
IELEC	Electricity utility as part of rent	PUF and IUF	PROPERTIES, IUFMASTER
IGAS	Gas utility as part of rent	PUF and IUF	PROPERTIES, IUFMASTER
IPARKING	Parking as part of rent	PUF and IUF	PROPERTIES, IUFMASTER
IPOOL	Swimming pool as part of rent	PUF and IUF	PROPERTIES, IUFMASTER
ISEWER	Sewer utility included in the rent	PUF and IUF	PROPERTIES, IUFMASTER
IWATER	Water as part of rent	PUF and IUF	PROPERTIES, IUFMASTER
IWIFI	Internet or WiFi amenity included in rent	PUF and IUF	PROPERTIES, IUFMASTER
LEASLNG	Lease length options - Single units only	PUF and IUF	PROPERTIES, IUFMASTER
LOWRENT	Lowest asking rent	PUF and IUF	PROPERTIES, IUFMASTER
MRENTRCTS_R	Monthly rental receipts per housing unit	PUF and IUF	PROPERTIES
RCONTROL	Number of units that are rent controlled	PUF and IUF	PROPERTIES, IUFMASTER
RCONTROLAHS	Residential unit is rent controlled	PUF and IUF	PROPERTIES, IUFMASTER
RECOMMREN	Receive net rental income from commercial	PUF and IUF	PROPERTIES, IUFMASTER
RENT	Monthly rent; single units	PUF and IUF	PROPERTIES, IUFMASTER

Var Name	Var Name	PUF/IUF Availability	Table
RENT1099_R	# units \$1000 – \$1099 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT1249_R	# units \$1100 – 1249 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT1499_R	# units \$1250 – \$1499 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT1999_R	# units \$1500 – \$1999 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT2499_R	# units \$2000 – \$2499 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT274_R	# units \$250 – \$274 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT299_R	# units \$275 – \$299 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT2999_R	# units \$2500 – \$2999 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT349_R	# units \$300 – \$349 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT3499_R	# units \$3000 – \$3499 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT399_R	# units \$350 – \$399 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT3999_R	# units \$3500 – \$3999 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT449_R	# units \$400 – \$449 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT4499_R	# units \$4000 – \$4499 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT499_R	# units \$450 – \$499 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT4999_R	# units \$4500 – \$4999 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT5000_R	# units \$5000 or more rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT549_R	# units \$500 – \$549 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT599_R	# units \$550 – \$599 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT649_R	# units \$600 – \$649 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT699_R	# units \$650 – \$699 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT749_R	# units \$700 – \$749 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT799_R	# units \$750 – \$799 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT899_R	# units \$800 – \$899 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENT999_R	# units \$900 – \$999 rent, paid or asking, recode	PUF and IUF	PROPERTIES
RENTLT249_R	# units less than \$249 paid or asking, recode	PUF and IUF	PROPERTIES
RENTNO_R	# units, no rent paid or asking, recode	PUF and IUF	PROPERTIES
SENIOR	Age restricted development	PUF and IUF	PROPERTIES, IUFMASTER
TOTCOLL	Total rent collected during calendar 2020, rounded	PUF and IUF	PROPERTIES, IUFMASTER
TRENTRCTPV_R	Total rental receipts as percent of PV	PUF and IUF	PROPERTIES
WEEKLNG	Short-term rental availability	PUF and IUF	PROPERTIES, IUFMASTER
WEEKLNGNUM	Number of apartments available for daily or weekly rentals	PUF and IUF	PROPERTIES, IUFMASTER

Var Name	Var Name	PUF/IUF Availability	Table
WEEKLNGPCT	Percentage of units available for short-term rental	PUF and IUF	PROPERTIES, IUFMASTER
BO_1099	# Efficiency units, rent \$1000 – \$1099	IUF Only	IUFMASTER
BO_1249	# Efficiency units, rent \$1100 – \$1249	IUF Only	IUFMASTER
BO_1499	# Efficiency units, rent \$1250 – \$1499	IUF Only	IUFMASTER
BO_1999	# Efficiency units, rent \$1500 – \$1999	IUF Only	IUFMASTER
BO_2499	# Efficiency units, rent \$2000 – \$2499	IUF Only	IUFMASTER
BO_274	# Efficiency units, rent \$250 – \$274	IUF Only	IUFMASTER
BO_299	# Efficiency units, rent \$275 – \$299	IUF Only	IUFMASTER
BO_2999	# Efficiency units, rent \$2500 – \$2999	IUF Only	IUFMASTER
BO_349	# Efficiency units, rent \$300 – \$349	IUF Only	IUFMASTER
BO_3499	# Efficiency units, rent \$3000 – \$3499	IUF Only	IUFMASTER
BO_399	# Efficiency units, rent \$350 – \$399	IUF Only	IUFMASTER
BO_3999	# Efficiency units, rent \$3500 – \$3999	IUF Only	IUFMASTER
BO_449	# Efficiency units, rent \$400 – \$449	IUF Only	IUFMASTER
BO_4499	# Efficiency units, rent \$4000 – \$4499	IUF Only	IUFMASTER
BO_499	# Efficiency units, rent \$450 – \$499	IUF Only	IUFMASTER
BO_4999	# Efficiency units, rent \$4500 – \$4999	IUF Only	IUFMASTER
BO_5000	# Efficiency units, rent => \$5000	IUF Only	IUFMASTER
BO_549	# Efficiency units, rent \$500 – \$549	IUF Only	IUFMASTER
BO_599	# Efficiency units, rent \$550 – \$599	IUF Only	IUFMASTER
BO_649	# Efficiency units, rent \$600 – \$649	IUF Only	IUFMASTER
BO_699	# Efficiency units, rent \$650 – \$699	IUF Only	IUFMASTER
BO_749	# Efficiency units, rent \$700 – \$749	IUF Only	IUFMASTER
BO_799	# Efficiency units, rent \$750 – \$799	IUF Only	IUFMASTER
BO_899	# Efficiency units, rent \$800 – \$899	IUF Only	IUFMASTER
BO_999	# Efficiency units, rent \$900 – \$999	IUF Only	IUFMASTER
BO_LT249	# Efficiency units, rent \$1 – \$249	IUF Only	IUFMASTER
BO_NORENT	# Efficiency units, no rent	IUF Only	IUFMASTER
B1_1099	# 1 bedroom units, rent \$1000 – \$1099	IUF Only	IUFMASTER
B1_1249	# 1 bedroom units, rent \$1100 – \$1249	IUF Only	IUFMASTER
B1_1499	# 1 bedroom units, rent \$1250 – \$1499	IUF Only	IUFMASTER
B1_1999	# 1 bedroom units, rent \$1500 – \$1999	IUF Only	IUFMASTER
B1_2499	# 1 bedroom units, rent \$2000 – \$2499	IUF Only	IUFMASTER
B1_274	# 1 bedroom units, rent \$250 – \$274	IUF Only	IUFMASTER
B1_299	# 1 bedroom units, rent \$275 – \$299	IUF Only	IUFMASTER
B1_2999	# 1 bedroom units, rent \$2500 – \$2999	IUF Only	IUFMASTER
B1_349	# 1 bedroom units, rent \$300 – \$349	IUF Only	IUFMASTER
B1_3499	# 1 bedroom units, rent \$3000 – \$3499	IUF Only	IUFMASTER
B1_399	# 1 bedroom units, rent \$350 – \$399	IUF Only	IUFMASTER
B1_3999	# 1 bedroom units, rent \$3500 – \$3999	IUF Only	IUFMASTER
B1_449	# 1 bedroom units, rent \$400 – \$449	IUF Only	IUFMASTER
B1_4499	# 1 bedroom units, rent \$4000 – \$4499	IUF Only	IUFMASTER
B1_499	# 1 bedroom units, rent \$450 – \$499	IUF Only	IUFMASTER

COMMRENT =

Total receipts from commercial rent, rounded

0 – 999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 14b

Universe:

All properties in scope where INTTYPE = 1 and
COMMSpace eq 1

Edit flag variable: JOMMRENT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$99,999 to \$999,999: round to nearest \$100,000

\$1,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

COMMSpace =

Commercial use space

1 = Yes

2 = No

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 13

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOMMSpace

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

CONCSS =

Rent concessions

1 = No rent concessions

2 = Less than 1 month's rent

3 = 1 month's rent

4 = Greater than 1 month's rent

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 7a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JONCSS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

HIRENT =

Highest asking rent

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5b

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: JIRENT

Bottomcoded: Yes

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$999: round to nearest \$50

\$1,000 or more: round to nearest \$100

. (missing): -9

Availability: PUF and IUF

Comments:

CONCSSNUM =Number of current tenants getting rent
concessions

0 – 9997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 4

Questionnaire Number: 7b

Universe:

All properties in scope where INTTYPE = 1 and CONCSSL eq
2 to 4

Edit flag variable: JONCSSNUM

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ICABLE =Cable or satellite TV amenity included in the
rent?

1 = Included in rent

2 = Not included in rent

3 = Not available

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JCABLE

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IELEC =

Electricity utility as part of rent

1 = Yes

2 = No

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JELEC

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IGAS =

Gas utility as part of rent

1 = Yes

2 = No

3 = Not available

-9 = Not reported

Type: Categorical

Length: 1

Questionnaire Number: 11a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JGAS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IPARKING =

Parking as part of rent

1 = Included in rent

2 = Not included in rent

3 = Not available

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JPARKING

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IPOOL =

Swimming pool as part of rent

1 = Included in rent

2 = Not included in rent

3 = Not available

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JPOOL

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ISEWER =

Sewer utility included in the rent

1 = Included in rent

2 = Not included in rent

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JSEWER

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IWIFI =

Internet or WiFi amenity included in rent

1 = Included in rent

2 = Not included in rent

3 = Not available

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JWIFI

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

IWATER =

Water as part of rent

1 = Included in rent

2 = Not included in rent

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 11a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JWATER

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LEASLNG =

Lease length options - Single units only

1 = Long term (6 months or longer)

2 = Short term (2 -6 months)

3 = Weekly

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 6a

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R eq 1

Edit flag variable: JEASLNG

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LOWRENT =

Lowest asking rent

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 5a

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: JOWRENT

Bottomcoded: Yes

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$999: round to nearest \$50

\$1,000 or more: round to nearest \$100

. (missing): -9

Availability: PUF and IUF

Comments:

MRENTRCTS_R =

Monthly rental receipts per housing unit

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

TOTCOLL/NUMUNITS_R/12

Availability: PUF and IUF

Comments:

RCONTROL =

Number of units that are rent controlled

0 – 99997

-9 = Not reported

Type: Continuous

Length: 5

Questionnaire Number: 9

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JCONTROL

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RCONTROLAHS =

Residential unit is rent controlled

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 9

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R eq 1

Edit flag variable: JCONTROLAHS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Variable named CONTROLAHS on Internal Use File

RECOMMREN =

Receive net rental income from commercial

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 14b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JECCOMMREN

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RENT =

Monthly rent; single units

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R eq 1

Edit flag variable: JENT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$999: round to nearest \$50

\$1,000 or more: round to nearest \$100

. (missing): -9

Availability: PUF and IUF

Comments:

RENT1099_R =# units \$1000 – \$1099 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_1099, B1_1099, B2_1099, B3_1099)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT1249_R =

units \$1100 – 1249 rent, paid or asking, recode
0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_1249, B1_1249, B2_1249, B3_1249)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT1499_R =

units \$1250 – \$1499 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_1499, B1_1499, B2_1499, B3_1499)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT1999_R =

units \$1500 – \$1999 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_1999, B1_1999, B2_1999, B3_1999)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT2499_R =

units \$2000 – \$2499 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_2499, B1_2499, B2_2499, B3_2499)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT274_R =

units \$250 – \$274 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

BT274 = Sum (B0_274, B1_274, B2_274, B3_274)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.**RENT299_R =**

units \$275 – \$299 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_299, B1_299, B2_299, B3_299)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT2999_R =**# units \$2500 – \$2999 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_2999, B1_2999, B2_2999, B3_2999)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.**RENT349_R =**

units \$300 – \$349 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_349, B1_349, B2_349, B3_349)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT3499_R =

units \$3000 – \$3499 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_3499, B1_3499, B2_3499, B3_3499)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.

RENT399_R =

units \$350 – \$399 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_399, B1_399, B2_399, B3_399)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT3999_R =

units \$3500 – \$3999 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_3999, B1_3999, B2_3999, B3_3999)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.

RENT449_R =

units \$400 – \$449 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_449, B1_449, B2_449, B3_449)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT4499_R =

units \$4000 – \$4499 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_4499, B1_4499, B2_4499, B3_4499)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.

RENT499_R =

units \$450 – \$499 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_499, B1_499, B2_499, B3_499)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT4999_R =

units \$4500 – \$4999 rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

BT4999 = Sum (B0_4999, B1_4999, B2_4999, B3_4999)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.

RENT5000_R =

units \$5000 or more rent, paid or asking,
recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

BT5000 = Sum (B0_5000, B1_5000, B2_5000, B3_5000)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file.

RENT549_R =

units \$500 – \$549 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_549, B1_549, B2_549, B3_549)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT599_R =**

units \$550 – \$599 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: Yes

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_599, B1_599, B2_599, B3_599)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT649_R =**

units \$600 – \$649 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_649, B1_649, B2_649, B3_649)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT699_R =**

units \$650 – \$699 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_699, B1_699, B2_699, B3_699)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENT749_R =

units \$700 – \$749 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_749, B1_749, B2_749, B3_749)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT799_R =**

units \$750 – \$799 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_799, B1_799, B2_799, B3_799)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT899_R =**

units \$800 – \$899 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_899, B1_899, B2_899, B3_899)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENT999_R =**

units \$900 – \$999 rent, paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_999, B1_999, B2_999, B3_999)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file

RENTLT249_R =

units less than \$249 paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_LT249, B1_LT249, B2_LT249, B3_LT249)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**RENTNO_R =**

units, no rent paid or asking, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Sum (B0_NORENT, B1_NORENT, B2_NORENT,
B3_NORENT)

Availability: PUF and IUF

Comments:

Variables listed in the recode specifications are available
in the internal use file**SENIOR =**

Age restricted development

1 = Yes

2 = No

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 8

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: SENIOR

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

TOTCOLL =

Total rent collected during calendar 2020, rounded

0 – 999999997

-9 = Not reported

Type: Continuous

Length: 9

Questionnaire Number: 12a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOTCOLL

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$99,999 to \$999,999: round to nearest \$100,000

\$1,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

TRENTRCTPV_R =

Total rental receipts as percent of PV

0 – 999999997

-9 = Not reported

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Sum (TOTCOLL, COMMRENT)/MRKTVAL

Availability: PUF and IUF

Comments:

WEEKLNG =

Short-term rental availability

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 6b

Universe:

All properties in scope where INTTYPE = 1 and
NUMUNITS_R ge 2

Edit flag variable: JEEKLNG

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

WEEKLNGNUM =Number of apartments available for daily or
weekly rentals

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 6c

Universe:

All properties in scope where INTTYPE = 1 and WEEKLNG
eq 1 and NUMUNITS_R eq 2 - 9

Edit flag variable: JEEKLNGNUM

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

WEEKLNGPCT =

Percentage of units available for short-term rental

1 = Less than 10 percent

2 = 10 - 25 percent

3 = Greater than 25 percent

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 6d

Universe:

All properties in scope where INTTYPE = 1 and WEEKLNG eq 1 and NUMUNITS_R ge 10

Edit flag variable: JEEKLNGPCT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

B0_1099 =

Efficiency units, rent \$1000 – \$1099

0 – 9997

Type: Continuous

Length: 4

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

B0_1249 =

Efficiency units, rent \$1100 – \$1249

0 – 9997

Type: Continuous

Length: 4

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

B0_1499 =

Efficiency units, rent \$1250 – \$1499

0 – 9997

Type: Continuous

Length: 4

Questionnaire Number: 6

Universe:

All properties in scope where INTTYPE = 1 and NUMUNITS_R ge 2

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

Expenses Module

The Expenses Module includes variables related to property expenses, including utilities, management, and maintenance.

Var Name	Var Name	PUF/IUF Availability	Table
CAPEX_R	Total 2020 capital expenses, recode	PUF Only	PROPERTIES
CAPEXPU_R	Capital expenses per unit, recode	PUF Only	PROPERTIES
OPEX_R	2020 Total operating expenses excluding taxes, recode	PUF Only	PROPERTIES
OPEXPU_R	2020 Operating expenses excluding taxes per housing unit, recode	PUF Only	PROPERTIES
OPTAX_R	2020 Real estate property taxes, categorized	PUF Only	PROPERTIES
CPACCAMT	Cost of handicapped access, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPBATAMT	Cost of bathroom upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPDOORAMT	Cost of door upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPELEAMT	Cost of electrical system upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPEXTAMT	Cost of exterior upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPFLRAMT	Cost of carpet/floor upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPHEATAMT	Cost of HVAC upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPKITAMT	Cost of kitchen facility upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPOTHAMT	Other improvement cost, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPPLBAMT	Cost of plumbing upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPRFAMT	Cost of roof upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPWINAMT	Cost of window upgrade, calendar year 2020	PUF and IUF	PROPERTIES, IUFMASTER
OPELGAS	2020 Electric/Gas expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPINSUR	2020 Insurance expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPLAND	2020 Grounds/landscaping expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPMNG	2020 Management Company expenses	PUF and IUF	PROPERTIES, IUFMASTER

Var Name	Var Name	PUF/IUF Availability	Table
OPOTHEX	2020 Other operating expenses cost	PUF and IUF	PROPERTIES, IUFMASTER
OPPAY	2020 Payroll expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPPROTH	2020 Other professional expenses-legal, accounting	PUF and IUF	PROPERTIES, IUFMASTER
OPREP	2020 Maintenance and repair expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPSECUR	2020 Security expenses	PUF and IUF	PROPERTIES, IUFMASTER
OPWTRSWR	2020 Water/Sewer expenses	PUF and IUF	PROPERTIES, IUFMASTER
PROPANS	Able to answer income and expenses questions for 2020	PUF and IUF	PROPERTIES, IUFMASTER
CPTOT	Total capital expenditures; not reported by category	IUF Only	PROPERTIES, IUFMASTER
CPTOTAL	Total capital expenditures; sum of individually reported amounts by category	IUF Only	PROPERTIES, IUFMASTER
OPTAX	2020 Real estate property taxes	IUF Only	IUFMASTER
OPTOTAL	2020 Total operating expenses	IUF Only	PROPERTIES, IUFMASTER

CAPEX_R =

Total 2020 capital expenses, recode

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

If CPTOTAL ne 0 and ne blank and CPTOTAL lt CPTOT, fill
CPOTHAMT with CPOTHAMT + CPTOT - CPTOTAL.

If CPTOT eq 0 or blank, fill CAPEX_R with CPTOTAL else if
CPTOT ne blank, fill CAPEX_R with CPTOT else fill CAPEX_F
with CPTOTAL.

Availability: PUF Only

Comments:

CAPEXPU_R =

Capital expenses per unit, recode

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

CAPEX_R / NUMUNITS_R

Availability: PUF Only

Comments:

OPEX_R =

2020 Total operating expenses excluding taxes, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

PUF sum (In IUF only, the sum includes OPTAX where OPTAX ne.):

OPPAY where OPPAY ne.

OPINSUR where OPINSUR ne.

OPELGAS where OPELGAS ne.

OPWTRSWR where OPWTRSWR ne.

OPREP where OPREP ne.

OPMNG where OPMNG ne.

OPPROTH where OPPROTH ne.

OPSECUR where OPSECUR ne.

OPLAND where OPLAND ne.

OPOTHEX where OPOTHEX ne.

Rounding specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$15: round to \$15

\$15 to \$100: round to nearest \$10

\$100 to \$1,000: round to nearest \$50

\$1,000 to \$10,000: round to nearest \$100

\$10,000 to \$100,000: round to nearest \$500

\$100,000 to \$1,000,000: round to nearest \$1,000

over \$1,000,000: round to 4 significant digits

Availability: PUF Only

Comments:

OPEXPU_R =

2020 Operating expenses excluding taxes per housing unit, recode

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

OPEX_R/NUMUNITS_R

Availability: PUF Only

Comments:

OPTAX_R =

2020 Real estate property taxes, categorized

0 = OPTAX eq 0
 1 = OPTAX eq 1 to 999
 2 = OPTAX eq 1000 to 2499
 3 = OPTAX eq 2500 to 4999
 4 = OPTAX eq 5000 to 9999
 For NUMCAT_R = 00
 5 = OPTAX eq 10000 or more
 -9 OPTAX eq Not reported
 For NUMCAT_R ne 00
 5 = OPTAX eq 10000 to 17499
 6 = OPTAX eq 17500 or more
 -9 = OPTAX eq Not reported

Type: Categorical

Length: 3

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable:

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

Categories

For NUMCAT_R = 00
 0 = OPTAX eq 0
 1 = OPTAX eq 1 to 999
 2 = OPTAX eq 1000 to 2499
 3 = OPTAX eq 2500 to 4999
 4 = OPTAX eq 5000 to 9999
 5 = OPTAX eq 10000 or more
 -9 OPTAX eq Not reported

For NUMCAT_R ne 00
 0 = OPTAX eq 0
 1 = OPTAX eq 1 to 999
 2 = OPTAX eq 1000 to 2499
 3 = OPTAX eq 2500 to 4999
 4 = OPTAX eq 5000 to 9999
 5 = OPTAX eq 10000 to 17499
 6 = OPTAX eq 17500 or more
 -9 = OPTAX eq Not reported

Availability: PUF Only

Comments:

CPACCAMT =

Cost of handicapped access, calendar year 2020

0 – 999999997
 -9 = Not reported
 -8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPACCAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPBATAMT =

Cost of bathroom upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPBATAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPDOORAMT =

Cost of door upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPDOORAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPELEAMT =

Cost of electrical system upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = No upgrade / Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPELEAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPEXTAMT =

Cost of exterior upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPEXTAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPFLRAMT =

Cost of carpet/floor upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPFLRAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPHEATAMT =

Cost of HVAC upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPHEATAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPKITAMT =

Cost of kitchen facility upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPKITAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPOTHAMT =

Other improvement cost, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPOTHAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPPLBAMT =

Cost of plumbing upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPPLBAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPRFAMT =

Cost of roof upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPRFAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

CPWINAMT =

Cost of window upgrade, calendar year 2020

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 17

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPWINAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPELGAS =

2020 Electric/Gas expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPELGAS

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPINSUR =

2020 Insurance expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPINSUR

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPLAND =

2020 Grounds/landscaping expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPLAND

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPMNG =

2020 Management Company expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPMNG

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPOTHEX =

2020 Other operating expenses cost

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPOTHEX

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPPAY =

2020 Payroll expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPPAY

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPPROTH =2020 Other professional expenses-legal,
accounting

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPPROTH

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPREP =

2020 Maintenance and repair expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPREP

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPSECUR =

2020 Security expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPSECUR

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

OPWTRSWR =

2020 Water/Sewer expenses

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 16

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JPWTRSWR

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$7: round to \$4

\$7 to \$999: round to nearest \$10

\$1,000 to \$49,999: round to nearest \$100

\$50,000 to \$999,999: round to nearest \$1,000

\$1,000,000 to \$4,999,999: round to nearest \$10,000

\$5,000,000 to \$49,999,999: round to nearest \$100,000

\$50,000,000 or more: round to nearest \$1,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

PROPANS =

Able to answer income and expenses questions for 2020

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 11c

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JROPANS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

Subsidized Module

The Housing Subsidy Module includes variables related to whether or not units in the property receive various forms of housing cost subsidies or whether the property receives other types of federal, state, or local government subsidies or tax breaks.

Var Name	Var Name	PUF/IUF Availability	Table
ACCEPT	Accept HUD vouchers	PUF and IUF	PROPERTIES, IUFMASTER
BENEOTH	Other benefit	PUF and IUF	PROPERTIES, IUFMASTER
ECONDEVLP	Tax break due to economic development area	PUF and IUF	PROPERTIES, IUFMASTER
ELDERLY	Elderly direct loan program	PUF and IUF	PROPERTIES, IUFMASTER
GOVBELOW	Property has government based below market loan	PUF and IUF	PROPERTIES, IUFMASTER
GOVGRANT	Government grant	PUF and IUF	PROPERTIES, IUFMASTER
HISTORIC	Tax break for historic preservation	PUF and IUF	PROPERTIES, IUFMASTER
HUDUNITS	Number of units receiving a HUD subsidy	PUF and IUF	PROPERTIES, IUFMASTER
LIHTCUNITS	Number of units benefiting from the low-income tax credit program	PUF and IUF	PROPERTIES, IUFMASTER
LOWINAREA	Tax break due to low-income area	PUF and IUF	PROPERTIES, IUFMASTER
LOWINCTEN	Tax break due to low-income tenants	PUF and IUF	PROPERTIES, IUFMASTER
OTHRVCV	Tax break due to other reason	PUF and IUF	PROPERTIES, IUFMASTER
RSUBSIDY	Other than Section 8 subsidy	PUF and IUF	PROPERTIES, IUFMASTER
STLOWINC	State benefits received	PUF and IUF	PROPERTIES, IUFMASTER
LOWINCTC	Low-income tax credit program	IUF Only	IUFMASTER
SUBSIDY	HUD Subsidy	IUF Only	IUFMASTER
SUBSIDYNUM	Number of units that receive a HUD subsidy	IUF Only	IUFMASTER

ACCEPT =

Accept HUD vouchers

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 37

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JCCEPT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

New in 2021

BENEOTH =

Other benefit

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JENEOTH

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ECONDEVLP =

Tax break due to economic development area

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 23

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JCONDEVLP

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

ELDERLY =

Elderly direct loan program

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JLDERLY

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

GOVBELOW =

Property has government based below market loan

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOVBELOW

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

HISTORIC =

Tax break for historic preservation

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 23

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JISTORIC

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

GOVGRANT =

Government grant

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOVGRANT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

HUDUNITS =

Number of units receiving a HUD subsidy

No HUD-subsidized units

1 – 99999997

-9 = Not reported

-8 = Not applicable

3 = Don't know

-9 = Not reported

Type: Continuous

Length: 8

Questionnaire Number: 19a, 19b

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable:

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LIHTCUNITS =

Number of units benefiting from the low-income tax credit program

No units

1 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 22a1, 22a2

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable:

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

New in 2021

LOWINAREA =

Tax break due to low-income area

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 23

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOWINAREA

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LOWINCTEN =

Tax break due to low-income tenants

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 23

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JOWINCTEN

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

OTHRCV =

Tax break due to other reason

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 23

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JTHRCV

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RSUBSIDY =

Other than Section 8 subsidy

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JSUBSIDY

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

STLOWINC =

State benefits received

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 22a

Universe:

All properties in scope where INTTYPE = 1

Edit flag variable: JTLOWINC

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LOWINCTC =

Low-income tax credit program

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

Type: Categorical

Length: 8

Questionnaire Number: 22a1

Universe:

All properties in scope

Edit flag variable: JOWINCTC

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

SUBSIDY =

HUD Subsidy

1 = Yes

2 = No

3 = Don't know

Type: Categorical

Length: 8

Questionnaire Number: 19a

Universe:

All properties in scope

Edit flag variable: JUBSIDY

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

New in 2021

Mortgage Module

The Mortgage Module includes variables related to the mortgage or mortgages on the property, including cost and type.

Var Name	Var Name	PUF/IUF Availability	Table
APPVAL_R	Original value at time debt – 1st debt, rounded	PUF Only	PROPERTIES, IUFMASTER
MORTAMT_R	Amount of original loan - 1st debt, recoded	PUF Only	PROPERTIES
OUTBAL_R	Outstanding balance - 1st debt, recoded	PUF Only	PROPERTIES
YRMORT_R	Year mortgage placed – 1st debt, recode	PUF Only	PROPERTIES
DEBT	Property has mortgage or similar debt	PUF and IUF	PROPERTIES, IUFMASTER
DEBT1	Debt 1 type	PUF and IUF	PROPERTIES, IUFMASTER
DEBNUM	Number of mortgages or similar debts	PUF and IUF	PROPERTIES, IUFMASTER
LNCRDAMT	Amount of HELOC or line of credit – 1st debt, rounded	PUF and IUF	PROPERTIES, IUFMASTER
LNCRDTBAL	Line of credit balance – 1st debt, rounded	PUF and IUF	PROPERTIES, IUFMASTER
LOCTYP	Line of credit or home equity loan – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
MORTAMT	Amount of original loan – 1st debt, rounded	PUF and IUF	PROPERTIES, IUFMASTER
MORTGET	Where debt obtained - 1st mortgage	PUF and IUF	PROPERTIES, IUFMASTER
OUTBAL	Outstanding balance – 1st debt, rounded	PUF and IUF	PROPERTIES, IUFMASTER
PMTAMT	Amount of regular required payment – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
PMTFREQ	Frequency of regular payment – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
REGPAY	Regular required payments – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
RPIPMI	Regular payment includes PMI – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
RPIPRIN	Regular payment includes principal – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
RPIPRPINS	Regular payment includes property insurance – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
RPIPRPTAX	Regular payment includes property taxes – 1st debt	PUF and IUF	PROPERTIES, IUFMASTER
WHYNOMRT	Why no mortgage or debt	PUF and IUF	PROPERTIES, IUFMASTER

APPVAL_R =

Original value at time debt – 1st debt, rounded

Type:

Length:

Questionnaire Number: 27c_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1

Edit flag variable: JPPVAL

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$15: round to \$15

\$15 to \$100: round to nearest \$10

\$100 to \$1,000: round to nearest \$50

\$1,000 to \$10,000: round to nearest \$100

\$10,000 to \$100,000: round to nearest \$500

\$100,000 to \$1,000,000: round to nearest \$1,000

Over \$1,000,000: round to 4 significant digits

Availability: PUF Only

Comments:

MORTAMT_R =

Amount of original loan - 1st debt, recoded

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope where NUMCAT_R = '02', '03', or '04'

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

1 = MORTAMT greater than 0 and less than 100,000

2 = MORTAMT greater than or equal to 100,000 and less than 250,000

3 = MORTAMT greater than or equal to 250,000 and less than 500,000

4 = MORTAMT greater than or equal to 500,000 and less than 750,000

5 = MORTAMT greater than or equal to 750,000 and less than 1,000,000

6 = MORTAMT greater than or equal to 1,000,000 and less than 25,000,000

7 = MORTAMT greater than or equal to 25,000,000 and less than 50,000,000

8 = MORTAMT greater than or equal to 50,000,000 and less than 100,000,000

9 = MORTAMT greater than or equal to 100,000,000

Availability: PUF Only

Comments:

OUTBAL_R =

Outstanding balance - 1st debt, recoded

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in scope where NUMCAT_R = '02', '03', or '04'

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

1 = OUTBAL greater than 0 and less than 100,000

2 = OUTBAL greater than or equal to 100,000 and less than 250,000

3 = OUTBAL greater than or equal to 250,000 and less than 500,000

4 = OUTBAL greater than or equal to 500,000 and less than 750,000

5 = OUTBAL greater than or equal to 750,000 and less than 1,000,000

6 = OUTBAL greater than or equal to 1,000,000 and less than 25,000,000

7 = OUTBAL greater than or equal to 25,000,000 and less than 50,000,000

8 = OUTBAL greater than or equal to 50,000,000 and less than 100,000,000

9 = OUTBAL greater than or equal to 100,000,000

Availability: PUF Only

Comments:

YRMORT_R =

Year mortgage placed – 1st debt, recode

1 = 1960 to 1979

2 = 1980 to 1989

3 = 1990 to 1999

5 = 2000 to 2006

7 = 2007 to 2010

9 = 2011 to 2014

11 = 2015 to 2018

12 = 2019 to 2021

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 27a_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1

Edit flag variable: JRMORT

Bottomcoded: No

Topcoded: No

Recoded: Yes

Recode Specifications:

For NUMCAT_R = '00', '01'

1 = YRMORT less than 1999 and YRMORT greater than 0

4 = YRMORT eq 1999 to 2004

5 = YRMORT eq 2005 to 2006

6 = YRMORT eq 2007 to 2008

7 = YRMORT eq 2009 to 2010

8 = YRMORT eq 2011 to 2012

9 = YRMORT eq 2013 to 2014

10 = YRMORT eq 2015 to 2016

11 = YRMORT eq 2017 to 2018

12 = YRMORT eq 2019 to 2021

-9 = YRMORT eq '.' and DEBT ne '.' or YRMORT = -9

-8 = YRMORT eq '.' and DEBT eq '02' or YRMORT = -8

For NUMCAT_R = '02', '03', '04'

1 = YRMORT less than 1999 and YRMORT greater than 0

4 = YRMORT eq 1999 to 2006

6 = YRMORT eq 2007 to 2010

8 = YRMORT eq 2011 to 2014

10 = YRMORT eq 2015 to 2021

-9 = YRMORT eq '.' and DEBT ne '.' or YRMORT = -9

-8 = YRMORT eq '.' and DEBT eq '02' or YRMORT = -8

Availability: PUF Only

Comments:

DEBT =

Property has mortgage or similar debt

1 = Yes

2 = No

Type: Categorical

Length: 8

Questionnaire Number: 24a

Universe:

All properties in scope where INTTYPE eq 1

Edit flag variable: JEFT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

DEBT1 =

Debt 1 type

1 = A mortgage, deed of trust, or trust deed (including mortgages and refinanced mortgages that are backed by multifamily bond financing)

2 = A contract to purchase, land contract, or purchase agreement

3 = A home equity line of credit (HELOC) or a home equity loan, secured by this rental property

4 = Some other loan secured by this rental property (not personal loans or consumer finance loans)

Type: Categorical

Length: 8

Questionnaire Number: 25

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 1 and DEBTNUM ge 1

Edit flag variable: JEFT1

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

DEBTNUM =

Number of mortgages or similar debts

1 – 97

-8 = Not applicable

Type: Continuous

Length: 3

Questionnaire Number: 24c

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 1

Edit flag variable: JEBTNUM

Bottomcoded: No

Topcoded: Yes

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

LNCRDAMT =Amount of HELOC or line of credit – 1st debt,
rounded

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27e_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBTNUM ge 1 and DEBT1 eq 3

Edit flag variable: JNCRDTAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

If NUMCAT in ('00', '01', '02') then

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$1,000,000

. (missing): -9

If NUMCAT eq '03' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$4,999,999: round to nearest \$1,000,000

\$5,000,000 or more: round to nearest \$5,000,000

. (missing): -9

If NUMCAT eq '04' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$19,999,999: round to nearest \$1,000,000

\$20,000,000 or more: round to nearest \$20,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

JNCRDTBAL =

Line of credit balance – 1st debt, rounded

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27f_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBNUM ge 1 and DEBT1 eq 3

Edit flag variable: JNCRDTBAL

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

If NUMCAT in ('00', '01', '02') then

Initial Value: Final Value

\$0: \$0

\$1 to \$99,999: round to nearest \$25,000

\$999,999 or more: round to nearest \$1,000,000

. (missing): -9

If NUMCAT eq '03' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$4,999,999: round to nearest \$1,000,000

\$5,000,000 or more: round to nearest \$5,000,000

. (missing): -9

If NUMCAT eq '04' then

Initial Value: Final Value

\$0: \$0

\$1 to \$999,999: round to nearest \$25,000

\$999,999 to \$19,999,999: round to nearest \$1,000,000

\$20,000,000 or more: round to nearest \$20,000,000

. (missing): -9

Availability: PUF and IUF

Comments:

JOCTYP =

Line of credit or home equity loan – 1st debt

1 = Home equity line of credit (HELOC)

2 = Home equity loan

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35aSCRN_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBNUM ge 1 and DEBT1 eq 3

Edit flag variable: JOCTYP

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

MORTAMT =

Amount of original loan – 1st debt, rounded

0 – 999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27b_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1

Edit flag variable: JORTAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$15: round to \$15

\$15 to \$100: round to nearest \$10

\$100 to \$1,000: round to nearest \$50

\$1,000 to \$10,000: round to nearest \$100

\$10,000 to \$100,000: round to nearest \$500

\$100,000 to \$1,000,000: round to nearest \$1,000

\$1,000,000 or more: round to 4 significant digits

Availability: PUF and IUF

Comments:

Only populated in PUF if NUMCAT_R = '00' or '01', otherwise NA

MORTGET =

Where debt obtained - 1st mortgage

1 = Commercial bank or trust company

2 = Savings and loan association, federal savings bank, mutual savings bank

3 = Life insurance company

4 = Mortgage bank or mortgage company

5 = Credit union

6 = Finance company

7 = State or municipal government

8 = State or local housing finance agency

9 = Individual or individual's estate

10 = Other

11 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 29_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBT ge 1

Edit flag variable: JORTGET

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

OUTBAL =

Outstanding balance – 1st debt, rounded

0 – 99999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27d_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBTNUM ge 1

Edit flag variable: JUTBAL

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$15: round to \$15

\$15 to \$100: round to nearest \$10

\$100 to \$1,000: round to nearest \$50

\$1,000 to \$10,000: round to nearest \$100

\$10,000 to \$100,000: round to nearest \$500

\$100,000 to \$1,000,000: round to nearest \$1,000

over \$1,000,000 round to 4 significant digits

Availability: PUF and IUF

Comments:

Only populated in PUF if NUMCAT_R = '00' or '01',
otherwise NA**PMTAMT =**

Amount of regular required payment – 1st debt

0 – 9999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 7

Questionnaire Number: 35b_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 1
and REGPAY eq 1

Edit flag variable: JMTAMT

Bottomcoded: No

Topcoded: Yes

Recoded: Yes

Recode Specifications:

Initial Value: Final Value

\$0: \$0

\$1 to \$15: round to \$15

\$15 to \$100: round to nearest \$10

\$100 to \$1,000: round to nearest \$50

\$1,000 to \$10,000: round to nearest \$100

\$10,000 to \$100,000: round to nearest \$500

\$100,000 to \$1,000,000: round to nearest \$1,000

over \$1,000,000 round to 4 significant digits

Availability: PUF and IUF

Comments:

PMTFREQ =

Frequency of regular payment – 1st debt

1 = Biweekly (every 2 weeks)

2 = Monthly

3 = Quarterly

4 = Other-specify

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35c_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 1 and REGPAY eq 1

Edit flag variable: JMTFREQ

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

REGPAY =

Regular required payments – 1st debt

1 = Yes

2 = No

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35a_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1

Edit flag variable: JEGPAY

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RPIPMI =

Regular payment includes PMI – 1st debt

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35d_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBTNUM ge 1 and REGPAY1 eq 1

Edit flag variable: JPIPMI

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RPIPRIN =

Regular payment includes principal – 1st debt

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35d_1

Universe:

All properties in scope where INTTYPE eq 1 and
DEBTNUM ge 1 and REGPAY1 eq 1

Edit flag variable: JPIPRIN

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RPIRPINS =

Regular payment includes property insurance – 1st debt

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35d_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 1 and REGPAY eq 1

Edit flag variable: JPIRPINS

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

RPIRPPTAX =

Regular payment includes property taxes – 1st debt

1 = Yes

2 = No

3 = Don't know

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 35d_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1 and REGPAY1 eq 1

Edit flag variable: JPIRPPTAX

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

WHYNOMRT =

Why no mortgage or debt

1 = I prefer not to carry any debt on this property or do not want a mortgage

2 = I have tried to get a mortgage, but was denied

3 = Other – Specify

-9 = Not reported

-8 = Not applicable

Type: Categorical

Length: 8

Questionnaire Number: 24b

Universe:

All properties in scope where INTTYPE eq 1 and DEBT eq 2

Edit flag variable: JHYNOMRT

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

APPVAL =

Original value at time debt – 1st debt, rounded

0 – 999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27c_1

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 1

Edit flag variable: JPPVAL

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

APPVAL2 =

Original value at time of debt – 2nd debt

0 – 999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27c_2

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 2

Edit flag variable: JPPVAL2

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

APPVAL3 =

Original value at time of debt – 3rd debt

0 – 999999997

-9 = Not reported

-8 = Not applicable

Type: Continuous

Length: 8

Questionnaire Number: 27c_3

Universe:

All properties in scope where INTTYPE eq 1 and DEBTNUM ge 3

Edit flag variable: JPPVAL3

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

Sample Design Module

The Sample Design Module include variables related to the original design of the sample, including the stratum or strata of the property.

Var Name	Var Name	PUF/IUF Availability	Table
SAMPSTRATA	Strata of BSA originally selected for sample	PUF and IUF	PROPERTIES, IUFMASTER
BUILDSTRAT	Building Stratification	IUF Only	IUFMASTER
PRBPSU	Prob. of selection of strata within a Primary Sampling Unit	IUF Only	IUFMASTER
PRBSTRATA	Probability of selection of unit within strata	IUF Only	IUFMASTER

SAMPSTRATA =

Strata of BSA originally selected for sample

00 = 1 unit

01 = 2 to 4 units

02 = 5 to 24 units

03 = 25 to 49 units

04 = 50 or more units

Type: Categorical

Length: 4

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: PUF and IUF

Comments:

BUILDSTRAT =

Building Stratification

00 = 1 unit

01 = 2 to 4 units

02 = 5 to 24 units

03 = 25 to 49 units

04 = 50+ units

Type: Character

Length: 1

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

PRBPSU =

Prob. of selection of strata within a Primary Sampling Unit

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments:

PRBSTRATA =

Probability of selection of unit within strata

0 – 99999997

Type: Continuous

Length: 8

Questionnaire Number:

Universe:

All properties in sample

Edit flag variable: None

Bottomcoded: No

Topcoded: No

Recoded: No

Recode Specifications:

N/A

Availability: IUF Only

Comments: