

National Housing Preservation Database

Data Dictionary



Table of Contents

Information About the Data Files Provided	3
Research Tool Data Grid	3
Research Tool Data Extract	3
Research Tool Data Grid Dictionary	4
Property Level Grid	4
Subsidy Level Grid	15
Research Tool Data Extract Dictionary	21
Data Source Citations	
Notes and Abbreviations	71
Notes	71
Abbreviations	72



Information About the Data Files Provided

Research Tool Data Grid

The data in in the main Research Tool data grid are displayed at the property level and come from multiple data sources. Each record in the data grid represents one address location. In most instances, one property (or development) is tied to one address. An effort is made to separate phased properties into two separate address location records. However, in some cases these developments are combined into one record. Likewise, scattered site developments are combined into one record as funding is tracked at the property level. Development, project, and property are used interchangeably to mean the cluster of buildings surrounding a given address location that are tracked by the same funding identification number. Multiple buildings may be present at one property location.

The data displayed when the property record is expanded to view subsidy information are subsidy level data and are retrieved from the database specific to that subsidy. Here, each record represents one subsidy attached to the property at the given address.

Research Tool Data Extract

The Research Tool data extract is in a different format than the Research Tool data grid. Here, all subsidy information appears alongside property level information in a set of new subsidy-specific columns, instead of subsidy information expanding below each property record. In other words, subsidy and property information are horizontal files instead of vertical files in the Data Extract and each row represents one property record. While most properties contain only one or two of the same type of subsidy (ex. two HUD project-based rental assistance (PBRA) contracts or two tax credit (LIHTC) allocations), some properties contain a number of the same type of subsidy information on the first two most recent subsidies of a given subsidy type. However, the total number of any specific subsidy is provided in the first field preceding that subsidy's information. Please see the data dictionary below for more information.



Data Dictionary and Record Layout

Research Tool Data Grid Dictionary

Property Level Grid

Variable Name	Variable Description [variable name from source dataset] "Possible Values" *Notes	Variable Format	Data Source (See <u>Data Sources page</u> for links to public data and dates of latest update.)
Property Name	Name of the property [varies by source] "Property Name"	String	All ¹
	"Multiple"* *If property has multiple versions of the same name or different names being imported from different data sources. You may view alternate names in the Research Tool data grid only by scrolling the mouse over the property name field.		
Property Address	Physical street address of property* [varies by source]	String	<u>All²</u>
	"Street Address"		



	*When multiple addresses are provided (ex. a row of townhomes or scattered sites), the first address is displayed. Addresses are also standardized on import.			
City	Property city	String	All	
	[varies by source]			
	"City"			
State	Property state	String	All	
	[varies by source]			
	"State"			
Zip	Property zip code*	String	All	
	[varies by source]			
	"Zipcode"			
	*Zip plus four information provided by <u>SmartyStreets</u> and Melissa Data.			
Total Units	Total number of units in the property*	Numeric	All	
	'Count'			
	*A value for total assisted units is not provided at the property level because data on assisted units often overlap between subsidies. This count is taken as the			



	max of assisted units for properties receiving multiple subsidies. The total unit value is created using the max total unit count listed by all active or inconclusive subsidies at a property.		
Active Subsidies	Total number of active subsidies attached to a property	Numeric	Calculated by NHPD
	'Count'*		
	*A subsidy is considered active if its expiration or maturity date is after the date of the latest NHPD refresh. See specific subsidy field in the Research Tool data extract data dictionary for additional program- specific rules that may be applied.		
Property Status	Status of property	String	Calculated by NHPD
	[varies by source]		
	"Active" –One or more active subsidies attached to property "Inconclusive"- No active subsidies attached to property, but one or more inconclusive subsidies attached to property "Inactive"-No active or inconclusive subsidies attached to property		
Subsidy End Date	Latest date that any of a property's subsidies is set to	Date	All
	expire 'Date'		
Latitude	Property latitude	Numeric	Public Housing Database; Section 8 Contract Database; HOME



	'Latitude'		Database; LIHTC Database; SmartyStreets ⁵ ; Melissa Data
Longitude	Property longitude	Numeric	Public Housing Database; Section 8 Contract Database; HOME
	'Longitude'		Database; LIHTC Database; SmartyStreets; Melissa Data
County Name	Name of county	String	Smarty Streets or Melissa Data
	"County name"		
Congressional District	113 th Congressional District	Numeric	Smarty Streets or Melissa Data
	'Congressional district'		
Owner	Name of property owner*	String	<u>All⁴</u>
	[varies by source]		
	"Owner name"		
	*This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided.		
Owner Type	Organization type of owner*	String	Public Housing Database; Section 202 Direct Loans Database;
	[varies by source]		Section 8 Contracts Database; RHS 515 Database, State Subsidy
	"Profit Motivated" "Non-Profit" "Limited Profit" "Public Entity"*** "Multiple"**		Database; LIHTC Database



*This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided. **'Multiple' is used if property has multiple versions of the same owner type or different owner types being imported from different data sources. ***Properties owned by public housing authorities are classified as public entities.

CBSA Type	Type of CBSA		Melissa Data
	"Metropolitan"		
	"Micropolitan"		
CountyCode	Census designated county code	Numeric	Public Housing Database; Section
			8 Contract Database; HOME
	'County code'		Database; LIHTC Database;
			Smarty Streets; Melissa Data
Census Tract	Census designated census tract code	Numeric	Public Housing Database; Section
			8 Contract Database; HOME
	'Census tract'		Database; LIHTC Database;
			Melissa Data
HUD Property ID	HUD property ID	ID	Section 8 Contracts Database;
			Section 202 Direct Loans
	[property_id]		
Percent of Extremely	Percent of extremely low-income residents living at	Numeric	Picture of Subsidized Households
Low Income	the property.		
Households			
	[pct_lt30_median]		

Hidden Fields able to be added by Right-clicking on the Research Tool arid header, selecting 'show/hide hidden field list.' and



Manager Name	Manager name of property	String	Public Housing Database; Section
	[varies by source]		202 Direct Loans Database; Section 8 Contracts Database;
	*This field is left blank when it is not included in the		
	incoming data source and the property has not		
	subsidies where this information is provided.		
Manager Type	Manager type of owner*	String	Public Housing Database; Section 202 Direct Loans Database;
	[varies by source]		Section 8 Contracts Database;
	"Profit Motivated"		
	"Non-Profit"		
	"Limited Profit"		
	"Public Entity"***		
	"Multiple"**		
	*This field is left blank when it is not included in the		
	incoming data source and the property has not		
	subsidies where this information is provided.		
	**'Multiple' is used if property has multiple versions		
	of the same owner type or different owner types		
	being imported from different data sources.		
	***Properties owned by public housing authorities		
	are classified as public entities.		
Minimum Building	Minimum building construction date of all buildings	Numeric	Public Housing, Section 8 FOIA of
Construction Date	at a property*		Section 8 Contracts and Public Housing; State Subsidy Database
	[varies by source]		



	'Year'		
	*If a building was added on to a property as part of an expansion, this date would represent the construction date of the oldest building at the property.		
Maximum Building Construction Date	Maximum building construction date of all buildings at a property* [varies by source]	Numeric	FOIA of Section 8 Contracts and Public Housing; State Subsidy Database
	'Year'		
	*If a building was added on to a property as part of an expansion, this date would represent the construction date of the newest building at the property.		
Target Population	Target tenant population served by the property [varies by source]	String	LIHTC Database; State Subsidy Database; RHS 515 Database; RHS 538 Database; Section 202 Direct Loans Database; Section 8
	"Family" "Elderly" "Disabled" "Elderly or Disabled"		FOIA Request; HUD Insured Properties (FHA) Database
	"Elderly or Disabled" "Mixed" "Group Home" "Congregate Housing"		
	"Homeless" "General Occupancy"		
Total Inconclusive Subsidies	Total number of subsidies attached to a property that is classified as inconclusive.	Numeric	Calculated by NHPD



	'Count'*		
	*A subsidy is considered inconclusive if its expiration or maturity date is missing or unclear. See specific subsidy field additional program-specific rules that may be applied.		
Total Inactive Subsidies	Total number of subsidies attached to a property that have expired.	Numeric	Calculated by NHPD
	'Count'*		
	*A subsidy is considered inactive if its expiration or maturity date is before the date of the latest NHPD refresh or if the subsidy is missing from subsequent data updates. See specific subsidy field additional program-specific rules that may be applied.		
One Bedroom Units	Number of studio or one bedroom units at the property	Numeric	LIHTC Database; State Subsidy Database; RHS 515 Database; RHS 538 Database; Picture of
	[varies by source]		Subsidized Households
	'Count'		
Two Bedroom Units	Number of two bedrooms units at the property	Numeric	LIHTC Database; State Subsidy Database; RHS 515 Database;
	[varies by source]		RHS 538 Database; Picture of Subsidized Households
	'Count'		
Three Bedroom Units	Number of units at the property with three or more bedrooms	Numeric	LIHTC Database; State Subsidy Database; RHS 515 Database; RHS 538 Database; Picture of
	[varies by source]		Subsidized Households



	'Count'	NL	
Occupancy Rate	Percent of units at the property that are occupied	Numeric	Picture of Subsidized Households
	[pct_occupied]		
	'Count'		
Average Months of	Average amount of months tenants have lived at	Numeric	Picture of Subsidized Households
Tenancy	property.	5.	
Earliest Inactive Date	Earliest date that any of a property's subsidies is set	Date	Calculated by NHPD
	to expire*		
	[varies by source]		
	'Date'		
	*Public housing properties do not have inactive dates		
	as they are considered to be affordable until the		
	building falls out of the inventory through demolition		
	or disposition.		
Entered Address	Address from originating data source before	String	All
	normalization and verification	0	
	[varies by source]		
	"Property Address"		
Last REAC Date	Date of most recent REAC inspection*	Date	REAC Scores
	[Release Date 1]		



	* Multi-family properties only		
	More information can be found in the <u>REAC</u> Codebook.		
REAC Score	Score received on most recent REAC inspection**	String	REAC Scores
	[Inspection Score 1]		
	"1 to 100" and "a", "b","c","*"		
	 a. No health and safety deficiencies observed b. One or more non-life threatening health and safety deficiencies observed c. One or more health and safety deficiencies observed calling for immediate attention * Deficiencies found regarding smoke detectors 		
	** Multi-family properties only		
	More information can be found in the <u>REAC</u> Codebook.		
Start Date	Earliest date that any of a property's subsidies went into effect	Date	Calculated by NHPD
	[varies by source]		
	'Date'		
Urban Rural Status	Census designated urban/rural location of property	String	US Census Data
	"Urban Area" "Urban Cluster"		



"Rural"*

*Considered rural if not located in Urban Area or Cluster according to <u>US Census documentation</u>.



Subsidy Level Grid

Variable Name	Variable Description [variable name from source dataset] "Possible Values" *Notes	Variable Format	Data Source (See <u>Data Sources page</u> for links to public data and dates of latest update.)
HUD Property ID	Property ID assigned to subsidy [property_id] "Property ID"	String	Section 8 Contracts Database; Section 202 Direct Loans Database
HUD Subsidy ID	Subsidy ID assigned to subsidy [varies by program] "Subsidy ID"	String	All
Subsidy Name	Type of subsidy "HUD PBRA" "HUD Insured" "HOME" "LIHTC" "Section 515" "Section 538" "State HFA 236" "Public Housing" "State Subsidy"	String	Calculated by NHPD



Subsidy Subname	Sub-program name	String	All	
	"Program name"			
	[varies by source]*			
	* See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.			
Start Date	Start date of contract	Date	All	
	'Date'			
	[varies by source]*			
	* See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.			
End Date	Expiration date of contracts*	Date	All	
	[varies by source]**			
	'Date'			
	*Public housing properties do not have inactive dates as they are considered to be affordable until the building falls out of the inventory through demolition or disposition. ** See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.			



Assisted Units	Number of units covered by subsidy	String	All
	[varies by source]*	-	
	'Count'		
	* See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.		
Owner	Name of property owner*	String	All
	[varies by source]**		
	"Owner name"		
	*This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided. ** See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.		
Owner Type	Organization type of owner*	String	Section 202 Direct Loans
	[varies by source]*	-	Database; Section 8 Contracts Database; Public Housing Database;
	"Profit Motivated" "Non-Profit" "Limited Profit"		



	"Public Entity"*** "Multiple"**		
	*This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided. **Multiple' is used if property has multiple versions of the same owner type or different owner types being imported from different data sources. ***Properties owned by public housing authorities are classified as public entities.		
ManagerName	Name of property manager* [varies by source]	String	Section 8 Contracts Database; Public Housing Database; RHS 515 Database; State Subsidy
	"Manager name" *This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided.		Database;
ManagerType	Organization type of manager*	String	Section 8 Contracts Database; Public Housing
	[varies by source]		Database; RHS 515 Database
	"Profit Motivated" "Non-Profit" "Limited Dividend" "Public Entity"*** "Multiple"		
	*This field is left blank when it is not included in the		

*This field is left blank when it is not included in the



	incoming data source and the property has not subsidies where this information is provided. **'Multiple' is used if property has multiple versions of the same manager type or different manager types being imported from different data sources. ***Properties owned by public housing authorities are classified as public entities.		
Rent To FMR Ratio	Ratio of average rent of units to the local FMR	Numeric	Section 8 Contracts Database
	[rent_to_FMR_ratio]		
	'Ratio'		
Inactive Status Description	Status description of subsidy	String	All
·	[varies by source]*		
	"End Date Missing"		
	"End Date Passed"		
	"Expired"		
	"Missing from Subsequent Updates"		
	"Non-programmatic" "Terminated"		
	"Terminated Mortgage"		
	* See specific subsidy field in the Research Tool data		
	extract data dictionary for additional program-specific		
	rules that may be applied.		
Unpaid Principle	Balance remaining on loan	String	HUD Insured Properties
Balance	for the last second #		(FHA) Database
	[varies by source]*		



'Dollar Amount'

* See specific subsidy field in the Research Tool data extract data dictionary for additional program-specific rules that may be applied.



Research Tool Data Extract Dictionary

Variable Name	Variable Description [variable name from source dataset] "Possible Values" *Notes	Variable Format	Data Source (See <u>Data Sources page</u> for links to public data and dates of latest update.)
NHPDPropertyID	Unique ID assigned to each property by NHPD staff	Numeric	Created by NHPD
PropertyName	Name of the property	String	All
	[varies by source]		
	"Property Name"*		
	*If property has multiple versions of the same name or different names being imported from different data sources, you may view alternate names in the Research Tool data grid only by scrolling the mouse over the property name field.		
StreetAddress	Physical street address of property	String	All
	[varies by source]		
	"Street Address"*		
	*When multiple addresses are provided (ex. a row		



	of townhomes or scattered sites), the first address is displayed.		
City	Property city	String	All
	[varies by source]		
	"City"		
State	Property state	String	All
	[varies by source]		
	"State"		
ZipCode	Property zip code*	String	All
	[varies by source]		
	"Zipcode"		
	*Zip plus four information provided by		
	<u>SmartyStreets</u> .		
PropertyStatus	Status of property	String	Calculated by NHPD
	[varies by source]		
	"Active" – One or more active subsidies attached		
	to property		
	"Inconclusive" - No active subsidies attached to		
	property, but one or more inconclusive subsidies		
	attached to property		
	"Inactive"-No active or inconclusive subsidies		



	attached to property		
CBSA_Type	Type of CBSA		Smarty Streets or Melissa Data
	"Metropolitan"		
	"Micropolitan"		
UrbanRuralStatus	Census designated urban/rural location of	String	Smarty Streets or Melissa
	property		Data
	"Urban Area"		
	"Urban Cluster"		
	"Rural"*		
	*Considered rural if not located in Urban Area or		
	Cluster according to <u>US Census documentation.</u>		
CountyName	Name of county	String	Smarty Streets or Melissa Data
	"County name"		
CountyCode	Census designated county code	Numeric	Public Housing Database;
			Section 8 Contract Database
	'County code'		HOME Database; LIHTC
			Database; Smarty Streets;
			Melissa Data
CongressionalDistrict	113 th Congressional District	Numeric	Smarty Streets or Melissa
			Data
	'Congressional district'		
atitude	Property latitude	Numeric	Public Housing Database;
			Section 8 Contract Database
	'Latitude'		HOME Database; LIHTC
			Database; <u>SmartyStreets⁵;</u>



			<u>Melissa Data</u>
Longitude	Property longitude	Numeric	Public Housing Database; Section 8 Contract Database;
	'Longitude'		HOME Database; LIHTC
	C C		Database; SmartyStreets;
			Melissa Data
TotalActiveSubsidies	Total number of subsidies attached to a property	Numeric	Calculated by NHPD
	that have not yet expired		
	'Count'*		
	*A subsidy is considered active if its expiration or		
	maturity date is after the date of the latest NHPD		
	refresh. See specific subsidy field additional		
	program-specific rules that may be applied.		
TotalInconclusiveSubsidies	Total number of subsidies attached to a property that is classified as inconclusive.	Numeric	Calculated by NHPD
	'Count'*		
	*A subsidy is considered inconclusive if its		
	expiration or maturity date is missing or unclear.		
	See specific subsidy field additional program-		
	specific rules that may be applied.		
TotalInactiveSubsidies	Total number of subsidies attached to a property	Numeric	Calculated by NHPD
	that have expired.		
	'Count'*		
	*A subsidy is considered inactive if its expiration		
	or maturity date is before the date of the latest		



	NHPD refresh or if the subsidy is missing from subsequent data updates. See specific subsidy field additional program-specific rules that may be applied.			
TotalUnits	Total number of units in the property*	Numeric	All	
	[varies by source]			
	'Count'			
	*A value for total assisted units is not provided at the property level because data on assisted units often overlap between subsidies.			
EarliestStartDate	Earliest date that any of a property's subsidies went into effect	Date	All	
	[varies by source]			
	'Date'			
EarliestEndDate	Earliest date that any of a property's subsidies is set to expire*	Date	All	
	[varies by source]			
	'Date'			
	*Public housing properties do not have inactive dates as they are considered to be affordable until the building falls out of the inventory through demolition or disposition.			



LatestEndDate	Latest date that any of a property's subsidies is set to expire*	Date	Calculated by NHPD
	[varies by source]		
	'Date'		
	*Public housing properties do not have inactive dates as they are considered to be affordable until the building falls out of the inventory through demolition or disposition.		
OwnerName	Name of property owner*	String	All
	[varies by source]		
	"Owner name"		
	*This field is left blank when it is not included in the incoming data source and the property has not subsidies where this information is provided.		
OwnerType	Organization type of owner*	String	Section 202 Database; Section 8 Contracts
	[varies by source]		Database; Public Housing Database;
	"Profit Motivated"		
	"Non-Profit"		
	"Limited Profit"		
	"Non-profit Sponsor"		
	"No Non-Profit Sponsor"		



	"Multiple"**		
	*This field is left blank when it is not included in		
	the incoming data source and the property has		
	not subsidies where this information is provided. **'Multiple' is used if property has multiple		
	versions of the same owner type or different		
	owner types being imported from different data		
	sources.		
ManagerName	Name of property manager*	String	Section 8 Contracts Database; Public Housing
	[varies by source]		Database; RHS 515 Database; State Subsidy Database
	"Manager name"		
	*This field is left blank when it is not included in		
	the incoming data source and the property has		
	not subsidies where this information is provided.		
ManagerType	Organization type of manager*	String	Section 8 Contracts Database; Public Housing
	[varies by source]		Database
	"Profit Motivated"		
	"Non-Profit"		
	"Limited Dividend"		
	"Public Entity"		
	"Multiple"**		
	*This field is left blank when it is not included in		
	the incoming data source and the property has not subsidies where this information is provided.		



	**'Multiple' is used if property has multiple versions of the same manager type or different manager types being imported from different data sources.		
REAC Codebook			
REACScore1	Score received on most recent REAC inspection**	String	REAC Scores
	[Inspection Score 1]		
	"1 to 100" and "a", "b","c","*"		
	 d. No health and safety deficiencies observed e. One or more non-life threatening health and safety deficiencies observed f. One or more health and safety deficiencies observed calling for immediate attention * Deficiencies found regarding smoke detectors 		
	** Multi-family properties only		
REACScore1Date	Date of most recent REAC inspection*	Date	REAC Scores
	[Release Date 1]		
	'Date'		
	* Multi-family properties only		
REACScore2	Score received on previous REAC inspection**	String	REAC Scores
	[Inspection Score 2]		



	"1 to 100" and "a", "b","c","*"			
	 a. No health and safety deficiencies observed b. One or more non-life threatening health and safety deficiencies observed c. One or more health and safety deficiencies observed calling for immediate attention * Deficiencies found regarding smoke detectors 			
	** Multi-family properties only			
REACScore2Date	Date of previous REAC inspection*	Date	REAC Scores	
	[Release Date 2]			
	'Date'			
	* Multi-family properties only			
REACScore3	Score received on REAC inspection two inspections ago**	String	REAC Scores	
	[Inspection Score 3]			
	"1 to 100" and "a", "b","c","*"			
	 a. No health and safety deficiencies observed b. One or more non-life threatening health and safety deficiencies observed c. One or more health and safety deficiencies observed calling for immediate attention * Deficiencies found regarding smoke detectors ** Multi-family properties only 			



REACScore3Date	Date of REAC inspection two inspections ago*	Date	REAC Scores
	[Release Date 3]		
	'Date'		
	* Multi-family properties only		
NHPDSubsidyID	Unique ID assigned to subsidies by NHPD staff	ID	System generated
HUD PBRA (Section 8) Codeb	<u>ook</u>		Section 8 Contracts Database
S8_NumberOfSubsidies	Total number of active HUD Project-based (Section 8) contracts attached to a property	Numeric	Calculated by NHPD
	'Count'		
S8_NumberOf Inconclusive Subsidies	Total number of inconclusive Section 8 subsidies attached to the property	Numeric	Calculated by NHPD
	'Count'		
S8_NumberOf Inactive Subsidies	Total number of inactive Section 8 subsidies attached to the property	Numeric	Calculated by NHPD
	'Count'		
\$8_1_ID	Contract ID assigned to subsidy	String	Section 8 Contracts Database
	[contract_id]		
	"Contract ID"		



S8_1_Status	Current status of contract*	String	Section 8 Contracts Database
	[tracs_status_name] and		
	[tracs_overall_expiration_date]		
	"Active" - [tracs_status_name] values of 'active,		
	pending, executed, or suspended' or		
	[tracs_overall_expiration_date] is in the future.		
	"Inconclusive"- [tracs_status_name] values of		
	expired, [tracs_overall_expiration_date] has		
	passed by less than one year, or both fields are blank		
	"Inactive" – [tracts_status_name] value		
	of'terminated' or [tracs_overall_expiration_date]		
	has passed by more than one year		
	*Properties are kept active even if they do not		
	appear in a data source update for one year due		
	to delays in contract renewals appearing in the		
	originating data.		
S8_1_InacDes	Subsidy status description	String	Created by NHPD
	[tracs_status_name] and		
	[tracs_overall_expiration_date]		
	"Missing from Subsequent Updates" – Subsidy		
	was missing from subsequent data updates		
	"End Date Passed" –		
	[tracs_overall_expiration_date] has passed by		
	more than one year.		
	"Missing End Date" –		



	[tracs_overall_expiration_date] is blank "Terminated" – [tracs_status_name] is equal to				
	terminated.				
S8_1_ProgramName	Specific program name*	String	Section 8 Contracts Database		
	[program_type_name]				
	"RAP"				
	"PAC/202"				
	"SEC 8 SR"				
	"PD/8 EXISTING"				
	"515/8 SR"				
	"PRAC/811"				
	"PENSION FUND"				
	"202/8 NC"				
	"PD/8 SR"				
	"RENT SUPP"				
	"PD/8 MR"				
	"202/162 SR"				
	"UNASSTPRJ SCHAP"				
	"PRESERVATION"				
	"PRAC/202"				
	"LMSA"				
	"HFDA/8 SR"				
	"OLD 202"				
	"202/162 NC"				
	"SEC 8 NC"				
	"202/8 SR"				
	"PAC/811"				
	"202/162 MR"				
	"515/8 NC"				
	"HFDA/8 NC"				



	*Program descriptions can be found <u>here</u> or in the originating data source <u>codebook</u> .		
S8_1RenewalStatus	Current status of renewal or non-renewal of contract*	String	Contract Renewal Database
	[renewal_option_name]		
	 "1: Renew Contract Without Restructure" "1a: Mark-Up-To-Market Eligibility" "1b: Discretionary Authority Eligibility Mark-Upto-Market" "2: Request Renewal Without Restructuring at or Below Comparable Rents" "3a: Request Referral to OAHP for Reduction of Contract Rents to Comparable Market Rents" "3b: Request Referral to OAHP for Restructure of Mortgage and Reduction of Contract Rents" "4: Request Renewal for Projects Exempt from OAHP" "5a: Request Contract Renewal for a Portfolio Reengineering Demonstration Project" "5b: Request Contract Renewal for a Preservation Project" "6: Notification of the intention to Opt-out of the Section 8 Contract" 		
	dictionary.		
S8_1_AssistedUnits	Number of units covered by contract	String	Section 8 Contracts Database



	[assisted_units]		
	'Count'		
S8_1StartDate	Start date of contract	Date	Section 8 Contracts Database
	[tracs_effective_date]		
	'Date'		
S8_1_EndDate	Expiration date of contract	Date	Section 8 Contracts Database
	[tracs_overall_expiration_date]		
	'Date'		
S8_1_RentToFMR	Ratio of average rent of units to the local FMR	Numeric	Section 8 Contracts Database
	[rent_to_FMR_ratio]		
	'Ratio		
S8_2_ID	Contract ID assigned to subsidy	String	Section 8 Contracts Database
	[contract_id]		
	"Contract ID"		
S8_2_Status	Current status of contract*	String	Section 8 Contracts Database
	[tracs_status_name] and [tracs_overall_expiration_date]		



	"Active" – [tracs_status_name] values of 'active, pending, executed, or suspended' or [tracs_overall_expiration_date] is in the future. "Inconclusive"- [tracs_status_name] values of expired, [tracs_overall_expiration_date] has passed by less than one year, or both fields are blank "Inactive" – [tracts_status_name] value of 'terminated' or [tracs_overall_expiration_date] has passed by more than one year		
	*Properties are kept active even if they do not appear in a data source update for one year due to delays in contract renewals appearing in the originating data.		
S8_2_InacDes	Subsidy status description	String	Created by NHPD
	[tracs_status_name] and [tracs_overall_expiration_date]		
	"Missing from Subsequent Updates" – Subsidy was missing from subsequent data updates		
	"End Date Passed" – [tracs_overall_expiration_date] has passed by more than one year. "Missing End Date" –		
	[tracs_overall_expiration_date] is blank "Terminated" – [tracs_status_name] is equal to terminated.		
S8_2_ProgramName	Specific program name*	String	Section 8 Contracts Database
	[program_type_name]		



"RAP" "PAC/202" "SEC 8 SR" "PD/8 EXISTING" "515/8 SR" "PRAC/811" "PENSION FUND" "202/8 NC" "PD/8 SR" "RENT SUPP" "PD/8 MR" "202/162 SR" **"UNASSTPRJ SCHAP"** "PRESERVATION" "PRAC/202" "LMSA" "HFDA/8 SR" "OLD 202" "202/162 NC" "SEC 8 NC" "202/8 SR" "PAC/811" "202/162 MR" "515/8 NC" "HFDA/8 NC" *Program descriptions can be found here or in the originating data source <u>codebook</u>.

S8_2_RenewalStatus	Current status of renewal or non-renewal of	String	Contract Renewal Database
	contract*		



	[renewal_option_name]		
	"1: Renew Contract Without Restructure"		
	"1a: Mark-Up-To-Market Eligibility"		
	"1b: Discretionary Authority Eligibility Mark-Up-		
	to-Market"		
	"2: Request Renewal Without Restructuring at or		
	Below Comparable Rents"		
	"3a: Request Referral to OAHP for Reduction of		
	Contract Rents to Comparable Market Rents"		
	"3b: Request Referral to OAHP for Restructure of		
	Mortgage and Reduction of Contract Rents"		
	"4: Request Renewal for Projects Exempt from OAHP"		
	"5a: Request Contract Renewal for a Portfolio Re- engineering Demonstration Project"		
	"5b: Request Contract Renewal for a Preservation		
	Project"		
	"6: Notification of the intention to Opt-out of the Section 8 Contract"		
	*For more information on what renewal statuses		
	mean see the <u>notes section⁶</u> or the <u>data</u>		
	dictionary.		
8_2_AssistedUnits	Number of units covered by contract	Numeric	Section 8 Contracts Database
	[assisted_units]		
	'Count'		
58_2_StartDate	Start date of contract	Date	Section 8 Contracts Database



	[tracs_effective_date]		
	'Date'		
S8_2_EndDate	Expiration date of contract	Date	Section 8 Contracts Database
	[tracs_overall_expiration_date]		
	'Date'		
S8_2_RentToFMR	Ratio of average rent of units to the local FMR	Numeric	Section 8 Contracts Database
	[rent_to_FMR_ratio]		
	'Ratio'		
Section 202 Codebook			Section 202 Direct Loans Database
S202_NumberOf Subsidies	Total number of active Section 202 subsidies attached to the property	Numeric	Calculated by NHPD
	'Count'		
S202_NumberOfInconclusive Subsidies	Total number of inconclusive Section 202 subsidies attached to the property	Numeric	Calculated by NHPD
	'Count'		
S202_NumberOf Inactive Subsidies	Total number of inactive Section 202 subsidies attached to the property	Numeric	Calculated by NHPD
	'Count'		



\$202_1_ID	HUD REMS Property ID	String	Section 202 Direct Loans Database
	[REMS Property ID]		
	"REMS ID"		
S202_1_Status	Current status of S.202 subsidy	String	Calculated by NHPD
	[Loan Maturity Date]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing		
	"Inactive" – date is in past as of NHPD refresh or		
	subsidy is missing from subsequent data refreshes		
S202_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[Loan Maturity Date]		
	"Missing from subsequent updates"- Subsidy is		
	missing from subsequent data updates		
	"Missing end date"- [Loan Maturity Date] is blank "End date passed" – [Loan Maturity Date] is in the past		
S2O2_1_ProgramName	Specific program name	String	Section 202 Direct Loans Database
	[SOA Description]		
	"202 DIRECT LOAN/ ELDERLY/ PRE – 1974"		
	"202/8 DIRECT LOAN/ ELDERLY-HANDICAPPED"		
	"202/162 DIRECT LOAN FOR HANDICAPPED W/PAC"		



S202_1_Start Date	Start date of subsidy	Date	Section 202 Direct Loans Database
	[Final Endorsement Date]		
	'Date'		
S202_1_EndDate	Expiration date of subsidy	Date	Section 202 Direct Loans Database
	[Loan Maturity Date]		
	'Date'		
S202_1_AssistedUnits	Total number of units covered by subsidy	Numeric	Section 202 Direct Loans Database
	[Project Number of Assisted Units]		Dutubuse
	'Count'		
S202_1_PrincipalBalance	Balance remaining on loan	String	Section 202 Direct Loans Database
	[Amortized Unpaid Principal Balance]		Dutubuse
	"Dollar amount"		
\$202_2_ID	HUD REMS Property ID	String	Section 202 Direct Loans Database
	[REMS Property ID]		
	"REMS ID"		
S202_2_Status	Current status of S.202 subsidy	String	Calculated by NHPD
	[Loan Maturity Date]		



	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing "Inactive" – date is in past as of NHPD refresh or subsidy is missing from subsequent data refreshes		
S202_2_InacDes	Subsidy status description	String	Calculated by NHPD
	[Loan Maturity Date]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"- [Loan Maturity Date] is blank "End date passed" – [Loan Maturity Date] is in the past		
S202_2_ProgramName	Specific program name	String	Section 202 Direct Loans Database
	[SOA Description]		Database
	"202 DIRECT LOAN/ ELDERLY/ PRE – 1974" "202/8 DIRECT LOAN/ ELDERLY-HANDICAPPED" "202/162 DIRECT LOAN FOR HANDICAPPED W/PAC"		
S202_2_StartDate	Start date of subsidy	Date	Section 202 Direct Loans
	[Final Endorsement Date]		Database
	'Date'		
S202_2_EndDate	Expiration date of subsidy	Date	Section 202 Direct Loans Database
	[Loan Maturity Date]		ναιανασ



	'Date'		
S202_2_AssistedUnits	Total number of units covered by subsidy	Numeric	Section 202 Direct Loans Database
	[Project Number of Assisted Units]		Database
	'Count'		
S202_2_PrincipalBalance	Balance remaining on loan	String	Section 202 Direct Loans Database
	[Amortized Unpaid Principal Balance]		Database
	"Dollar amount"		
S236_NumberOf Subsidies	Total number of active State HFA financed Section 236 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
S236_NumberOf Inconclusive Subsidies	Total number of inconclusive State HFA financed Section 236 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
S236_NumberOf Inactive Subsidies	Total number of inactive State HFA financed Section 236 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
S236_1_ID	Section 236 program property ID	String	Created by NHPD
	[HUD Project Number]		



	"HUD ID"		
S236_1_Status	Current status of S236 subsidy	String	Calculated by NHPD
	[maturity date]		
	"Active" – date is in future as of NHPD refresh		
	"Inconclusive"-date is missing		
	"Inactive" - date is in past as of NHPD refresh or subsidy is missing from subsequent data refreshes		
S236_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[maturity date]		
	"Missing from subsequent updates"- Subsidy is		
	missing from subsequent data updates "Missing end date"-[maturity date] is blank		
	"End date passed" – [maturity date] is in the past		
S236_1_ProgramName	Name of S236 sub-program	String	Active 236 Properties
	[Section of the Act Description]		
	"236(J)(1)/ 202 ELDERLY HSG."		
	"236(J)(1)/ 223(E)/LOWER INCOME		
	FAMILIES/DECLIN.		
	AREA"		
	"236(J)(1)/ LOWER INCOME FAMILIES"		
	"241(F)/ 236 EQUITY LOAN"		
S236_1_StartDate	Start date of subsidy	Date	Active 236 Properties



	[First Payment Date]		
	'Date'		
S236_1_EndDate	Expiration date of subsidy	Date	Active 236 Properties
	[Maturity Date]		
	'Date'		
S236_1_AssistedUnits	Total number of units covered by subsidy	Numeric	Active 236 Properties
	[Total Property Units]		
	'Count'		
\$236_2_ID	Section 236 program property ID	String	Created by NHPD
	[HUD Project Number]		
	"HUD ID"		
S236_2_Status	Current status of S236 subsidy	String	Calculated by NHPD
	[maturity date]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing "Inactive" - date is in past as of NHPD refresh or subsidy is missing from subsequent data refreshes		
S236_2_InacDes	Subsidy status description	String	Calculated by NHPD



	[maturity date]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[maturity date] is blank "End date passed" – [maturity date] is in the past		
S236_1_ProgramName	Name of S236 sub-program	String	Active 236 Properties
	[Section of the Act Description]		
	"236(J)(1)/ 202 ELDERLY HSG." "236(J)(1)/ 223(E)/LOWER INCOME FAMILIES/DECLIN. AREA" "236(J)(1)/ LOWER INCOME FAMILIES" "241(F)/ 236 EQUITY LOAN"		
S236_2_StartDate	Start date of subsidy	Date	Active 236 Properties
	[First Payment Date]		
	'Date'		
S236_2_EndDate	Expiration date of subsidy	Date	Active 236 Properties
	[Maturity Date]		
	'Date'		
S236_2_AssistedUnits	Section 236 program property ID	Numeric	Active 236 Properties
	[HUD Project Number]		



"HU	JD	ID″
ΠU	ענ	ID"

HUD Insured (FHA) Codebook	and Section Codes	HUDI	nsured Properties (FHA) Database
FHA_NumberOf Subsidies	Total Number active of FHA subsidies	Numeric	Calculated by NHPD
	'Count'		
FHA_NumberOf Inconclusive Subsidies	Total Number inconclusive of FHA subsidies	Numeric	Calculated by NHPD
	'Count'		
FHA_NumberOf Inactive Subsidies	Total Number inactive of FHA subsidies	Numeric	Calculated by NHPD
	'Count'		
FHA_1_ID	FHA property ID	String	HUD Insured Properties (FHA) Database
	[HUD Project Number]		()
	"HUD ID"		
FHA_1_Status	Current status of FHA subsidy*	String	Calculated by NHPD
	[maturity date] and [term_type]		
	"Active" – date is in future as of NHPD refresh		
	"Inconclusive" – date is missing.		
	"Inactive" - date is in past as of NHPD refresh, has disappeared from the database in subsequent		
	data updates, or is in the 'Terminated Multifamily		
	Mortgages Database' with a [term_type] code		
	equal to 20, 14, 17, 18, 60, 13, 26, 11, or 21.		





	*supporting data used from the ' <u>Terminated</u> Multifamily Mortgages Database'		
FHA_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[maturity date] and [term_type]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[maturity date] is blank "End date passed" – [maturity date] is in the past "Terminated mortgage" – Subsidy is listed in the Terminated Multifamily Mortgages Database with a [term_type] code equal to 20, 14, 17, 18, 60, 13, 26, 11, or 21.		
FHA_1_ProgramName	Specific name of FHA sub-program*	String	HUD Insured Properties (FHA) Database
	"Name"		
	*Only FHA programs with affordability restrictions are included in the database. A list of these programs can be found in the <u>notes section⁷</u> .		
FHA_1_StartDate	Start date of subsidy	Date	HUD Insured Properties
	[First Payment Date]		(FHA) Database
	'Date'		
FHA_1_EndDate	Expiration date of subsidy	Date	HUD Insured Properties



	[Maturity Date]		(FHA) Database
	'Date'		
FHA_1_AssistedUnits	Total number of units covered by subsidy	Numeric	HUD Insured Properties (FHA) Database
	[Total Units]		(,
	'Count'		
FHA_1_PrincipalBalance	Balance remaining on loan	String	HUD Insured Properties (FHA) Database
	[Amortized Principal Balance]		
	'Dollar Amount'		
FHA_2_ID	FHA property ID	String	HUD Insured Properties (FHA) Database
	[HUD Project Number]		
	"HUD ID"		
FHA_2_Status	Current status of FHA subsidy*	String	Calculated by NHPD
	[maturity date] and [term_type]		
	"Active" – date is in future as of NHPD refresh		
	"Inconclusive" – date is missing.		
	"Inactive" - date is in past as of NHPD refresh, has		
	disappeared from the database in subsequent		
	data updates, or is in the 'Terminated Multifamily Mortgages database'with a term_type code equal		



	to 20, 14,17, 18, 60, 13, 26, 11, or 21.		
	*supporting data used ' <u>Terminated Multifamily</u> <u>Mortgages</u> '		
FHA_2_InacDes	Subsidy status description	String	Calculated by NHPD
	[maturity date] and [term_type]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[maturity date] is blank "End date passed" – [maturity date] is in the past "Terminated mortgage" – Subsidy is listed in the Terminated Multifamily Mortgages Database with a [term_type] code equal to 20, 14, 17, 18, 60, 13, 26, 11, or 21.		
FHA_2_ProgramName	Specific name of FHA sub-program*	String	HUD Insured Properties (FHA) Database
	[Section]		
	"Name"		
	*Only FHA programs with affordability restrictions are included in the database. A list of these programs can be found <u>here</u> .		
FHA_2_StartDate	Start date of subsidy	Date	HUD Insured Properties (FHA) Database
	[First Payment Date]		
	'Date'		



FHA_2_EndDate	Expiration date of subsidy	Date	HUD Insured Properties (FHA) Database
	[Maturity Date]		(Third Balabase
	'Date'		
FHA_2_AssistedUnits	Total number of units covered by subsidy	Numeric	HUD Insured Properties (FHA) Database
	[Total Units]		()
	'Count'		
FHA_2_PrincipalBalance	Balance remaining on loan	String	HUD Insured Properties (FHA) Database
	[Amortized Principal Balance]		(FNA) Database
	'Dollar Amount'		
LIHTC Codebook			LIHTC Database
LIHTC_NumberOfSubsidies	Total number of active LIHTC subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
LIHTC_NumberOf	Total number of inconclusive LIHTC subsidies	Numeric	Calculated by NHPD
Inconclusive Subsidies	attached to property		
	'Count'		
LIHTC_NumberOf Inactive Subsidies	Total number of inactive LIHTC subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		



LIHTC_1_ID	LIHTC property ID	String	LIHTC Database
	[HUD_ID]		
	"HUD ID"		
IHTC_1_Status	Current status of LIHTC subsidy*	String	LIHTC Database
	[YR_PIS] – Year placed in service [NONPROG] – Non-programmatic		
	"Active" – [YR_PIS] +29 is in future and [NONPROG] does not equal 1 or is blank. "Inconclusive" – [YR_PIS] + 29 is in the past, [NONPROG] = 1, or [YR_PIS] and [YR_ALLOC] are blank. "Inactive"-data is missing from subsequent data refreshes.		
	*You can find out more information at these originating variables in the <u>LIHTC Codebook</u> .		
.IHTC_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[YR_PIS], [YR_ALLOC], and [NONPROG]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[YR_PIS] and [YR_ALLOC] are blank "End date passed" –Calculated subsidy end date is in the past		



	"Nonprogrammatic" – [nonprog] is equal to 1		
LIHTC_1 program name	Name of program	String	LIHTC Database
	[credit]		
	"4% Tax Credit"		
	"9% Tax Credit"		
	"4% and 9% Tax Credit"		
LIHTC_1_StartDate	Start date of subsidy*	Date	LIHTC Database
	[YR_PIS] or [YR_ALLOC] if [YR_PIS] is blank		
	'Date'		
	*An assumed start date of January 1 is used since only the year placed in service is provided in the originating dataset.		
LIHTC_1_EndDate	Expiration date of subsidy*	Date	LIHTC Database
	[YR_PIS] + 29 or [YR_ALLOC] + 31 if [YR_PIS] is blank. 'Date'		
	*An assumed end date of December 31st of the previous year is used since only the year placed in service is provided in the originating dataset.		
LIHTC_1_AssistedUnits	Total number of units covered by subsidy	Numeric	LIHTC Database
	[LI_Units]		



	'Count'		
LIHTC_2 _ID	LIHTC property ID	String	LIHTC Database
	[HUD_ID]		
	"HUD ID"		
LIHTC_2 _Status	Current status of LIHTC subsidy*	String	LIHTC Database
	[YR_PIS] – Year placed in service [NONPROG] – Non-programmatic		
	"Active" – [YR_PIS] +29 is in future and [NONPROG] does not equal 1 or is blank. "Inconclusive" – [YR_PIS] + 29 is in the past, [NONPROG] = 1, or [YR_PIS] and [YR_ALLOC] are blank. "Inactive"-data is missing from subsequent data refreshes.		
	*You can find out more information at these originating variables in the LIHTC Codebook.		
LIHTC_2_InacDes	Subsidy status description	String	Calculated by NHPD
	[YR_PIS], [YR_ALLOC], and [NONPROG]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[YR_PIS] and [YR_ALLOC] are blank "End date passed" –Calculated subsidy end date is		



	in the past "Nonprogrammatic" – [nonprog] is equal to 1		
LIHTC_2_ProgramName	Name of program	String	LIHTC Database
Linte_2_nogrammanic	Nume of program	String	
	[credit]		
	"4% Tax Credit"		
	"9% Tax Credit"		
	"4% and 9% Tax Credit"		
LIHTC_2 _StartDate	Start date of subsidy*	Date	LIHTC Database
	[YR_PIS] or [YR_ALLOC] if [YR_PIS] is blank.		
	'Date'		
	*An assumed start date of January 1 is used since		
	only the year placed in service is provided in the		
	originating dataset.		
LIHTC_2_EndDate	Expiration date of subsidy*	Date	LIHTC Database
	[YR_PIS] + 29 or [YR_ALLOC]+31 if [YR_PIS] is		
	blank.		
	'Date'		
	*An assumed end date of December 31st of the		
	previous year is used since only the year placed in		
	service is provided in the originating dataset.		
LIHTC_2_AssistedUnits	Total number of units covered by subsidy	Numeric	LIHTC Database



	[LI_Units]		
	'Count'		
RHS515_NumberOfSubsidies	Total number of active RHS 515 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
RHS515_NumberOf Inconclusive Subsidies	Total number of inconclusive RHS 515 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
RHS515_NumberOf Inactive Subsidies	Total number of inactive RHS 515 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
RHS515_1_ID	RHS515 Property ID	String	RHS 515 Database
	[Borrower_ID]-[Project_ID]-[Project_Check_Digit]		
	"ID"		
RHS515_1_Status	Current status of RHS515 subsidy	String	Calculated by NHPD
	[Estimated Property Exit Year]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing "Inactive" – date is in past as of NHPD refresh or		
	"Inactive" - date is in past as of NHPD refresh or subsidy is missing from subsequent data updates.		



RHS515_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[Estimated Property Exit Year]		
	"Missing from subsequent updates"- Subsidy is		
	missing from subsequent data updates		
	"Missing end date"-[Estimated Property Exit Year]		
	is blank		
	"End date passed" –Calculated subsidy end date is		
	in the past	<u>.</u>	
RHS515_1_ProgramName	Name of program	String	RHS 515 Database
	[Rural Housing/Labor Housing]		
	"515 Rural Housing"		
	"514 On-Farm"		
	"514 Off-Farm"		
RHS515_1_StartDate	Start date of subsidy	Date	RHS 515 Database
	[Date of Operation]		
	'Date'		
RHS515_1EndDate	Expiration date of subsidy*	Date	RHS 515 Database
	[Estimated Project Exit Year]		
	'Date'		
	*Estimated project exit date is assumed to be December 31.		



RHS515_1_AssistedUnits	Total number of units covered by subsidy	Numeric	RHS 515 Database
	[Rental Assistance Units]		
	'Count'		
RHS515_2_ID	RHS515 Property ID	String	RHS 515 Database
	[Borrower_ID]-[Project_ID]-[Project_Check_Digit]		
	"ID"		
RHS515_2_Status	Current status of RHS515 subsidy	String	Calculated by NHPD
	[Estimated Project Exit Year]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing "Inactive" - date is in past as of NHPD refresh or data is missing from subsequent data updates.		
RHS515_2_InacDes	Subsidy status description	String	Calculated by NHPD
	[Estimated Property Exit Year]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[Estimated Property Exit Year] is blank "End date passed" –Calculated subsidy end date is in the past		



RHS515_2_ProgramName	Name of program	String	RHS 515 Database
	[Rural Housing/Labor Housing]		
	"515 Rural Housing"		
	"514 On-Farm"		
	"514 Off-Farm"		
RHS515_2_StartDate	Start date of subsidy	Date	RHS 515 Database
	[Date of Operation]		
	'Date'		
RHS515_2_EndDate	Expiration date of subsidy*	Date	RHS 515 Database
	[Estimated Project Exit Year]		
	'Date'		
	*Estimated exit date is assumed to be December 31.		
RHS515_2_AssistedUnits	Total number of units covered by subsidy	Numeric	RHS 515 Database
	[Rental Assistance Units]		
	'Count'		
RHS538_NumberOfSubsidies	Total number of active RHS538 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		



RHS538_NumberOf Inconclusive Subsidies	Total number of inconclusive RHS538 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
RHS538_NumberOf Inactive Subsidies	Total number of inactive RHS538 subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
RHS538_1_ID	Unique RHS538 ID created by NHPD	String	RHS 538 Database
	"ID"		
RHS538_1_Status	Current status of RHS538 subsidy	String	Calculated by NHPD
	"Active" – Calculated subsidy end date is in future as of NHPD refresh		
	"Inconclusive" –date is missing		
	"Inactive" - date is in past as of NHPD refresh or is missing from subsequent data updates.		
RHS538_1_InacDes	Subsidy status description	String	Calculated by NHPD
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates		
	"Missing end date"- Calculated subsidy end date is		
	blank		
	"End date passed" –Calculated subsidy end date is in the past		
RHS538_1_ProgramName	Name of program	String	RHS 538 Database
	"Program name"		



RHS538_1_StartDate	Start date of subsidy	Date	RHS 538 Database
	[Date_loan_closing]		
	'Date'		
RHS538_1_EndDate	Expiration date of subsidy	Date	RHS 538 Database
	[Date_loan_closing] + 40 years		
	'Date'		
RHS538_1_AssistedUnits	Total number of units covered by subsidy	Numeric	RHS 538 Database
	[Project_size]		
	'Count'		
RHS538_2_ID	Unique RHS538 ID created by NHPD	String	RHS 538 Database
	"ID"		
RHS538_2_Status	Current status of RHS538 subsidy "Active" – Calculated subsidy end date is in future as of NHPD refresh	String	Calculated by NHPD
	"Inconclusive"-Subsidy end date is missing. "Inactive" Calculated subsidy end date is in past as of NHPD refresh or is missing from subsequent		
RHS538_2_InacDes	data updates. Subsidy status description	String	Calculated by NHPD



"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[Date_loan_closing] is blank "End date passed" –Calculated subsidy end date is in the past		
Name of program	String	RHS 538 Database
"Program name"		
Start date of subsidy	Date	RHS 538 Database
[Date_loan_closing]		
'Date'		
Expiration date of subsidy	Date	RHS 538 Database
[Date_loan_closing] + 40 years		
'Date'		
Total number of units covered by subsidy	Numeric	RHS 538 Database
[Project_size]		
'Count'		
Total number of active HOME subsidies attached to property	Numeric	Calculated by NHPD
'Count'		
Total number of HOME inconclusive subsidies	Numeric	Calculated by NHPD
	 missing from subsequent data updates "Missing end date"-[Date_loan_closing] is blank "End date passed" -Calculated subsidy end date is in the past Name of program "Program name" Start date of subsidy [Date_loan_closing] 'Date' Expiration date of subsidy [Date_loan_closing] + 40 years 'Date' Total number of units covered by subsidy [Project_size] 'Count' Total number of active HOME subsidies attached to property 'Count' 	missing from subsequent data updates"Missing end date"-[Date_loan_closing] is blank"End date passed"Calculated subsidy end date is in the pastName of programString"Program name"Date[Date_loan_closing]Date[Date_loan_closing]Date[Date'Date[Date_loan_closing] + 40 yearsDate'Date'Numeric[Project_size]Numeric'Count'NumericTotal number of active HOME subsidies attached to propertyNumeric'Count'Subsidies attached to property



Inconclusive Subsidies	attached to property		
	'Count'		
HOME_NumberOf Inactive Subsidies	Total number of inactive HOME subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
HOME_1_ID	HOME subsidy ID [ID]	String	HOME Database
HOME_1_Status	Current status of HOME subsidy	String	Calculated by NHPD
	[POA End Date]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing "Inactive" - date is in past as of NHPD refresh or is missing from subsequent data updates.		
HOME_1_InacDes	Subsidy status description	String	Calculated by NHPD
	[POA End Date]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[POA End Date] is blank "End date passed" – [POA End Date] is in the past		
HOME_1_ProgramName	Name of program	String	HOME Database
	"Program name"		



HOME_1_StartDate	Start date of subsidy	Date	HOME Database
	[CMPT DATE]		
	'Date'		
HOME_1_EndDate	Expiration date of subsidy	Date	HOME Database
	[POA End Date]		
	'Date'		
HOME_1_AssistedUnits	Total number of units covered by subsidy	Numeric	HOME Database
	[UNITS HOME]		
	'Count'		
HOME_2_ID	HOME subsidy ID	String	HOME Database
	[ID]		
HOME_2_Status	Current status of HOME subsidy	String	Calculated by NHPD
	[POA Date]		
	"Active" – date is in future as of NHPD refresh "Inconclusive"-date is missing		
	"Inactive" - date is in past as of NHPD refresh or		
	data is missing from subsequent data updates.		
HOME_2_InacDes	Subsidy status description	String	Calculated by NHPD



	[POA End Date]		
	"Missing from subsequent updates"- Subsidy is missing from subsequent data updates "Missing end date"-[POA End Date] is blank "End date passed" – [POA End Date] is in the past		
HOME_2_ProgramName	Name of program	String	HOME Database
	"Program name"		
HOME_2_StartDate	Start date of subsidy	Date	HOME Database
	[CMPT DATE]		
	'Date'		
HOME_2_EndDate	Expiration date of subsidy	Date	HOME Database
	[POA End Date]		
	'Date'		
HOME_2_AssistedUnits	Total number of units covered by subsidy	Numeric	HOME Database
	[UNITS HOME]		
	'Count'		
PH_ID	HUD assigned AMP number	Numeric	Public Housing Data File
	[DEVELOPMENT_CODE]		
	"HUD ID"		



PH_StartDate	Public housing subsidy start date	Date	Public Housing Data File
	[dofa]		
	'Date'		
PH_AssistedUnits	Total number of ACC units at property	Numeric	Public Housing Data File
	[ACC_UNITS]		
	'Count'		
State_NumberOfSubsidies	Total number of active state subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
State_NumberOf Inconclusive Subsidies	Total number of inconclusive state subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
State_NumberOf Inactive Subsidies	Total number of inactive state subsidies attached to property	Numeric	Calculated by NHPD
	'Count'		
State_1_ID	Unique state provided subsidy ID	String	State Subsidy Database
	[Subsidy ID]		
	"ID"		



State_1_Status	Current status of State subsidy	String	Calculated by NHPD
	[Affordability Maturity]		
	"Active" – date is in future as of NHPD refresh "Inactive" - date is in past as of NHPD refresh or is missing from subsequent data updates.		
State_1_ProgramName	Name of program	String	State Subsidy Database
	[state]-[program_name]		
	"Program name"		
State_1_StartDate	Start date of subsidy	Date	State Subsidy Database
	[First PTO Date]		
	'Date'		
State_1_EndDate	Expiration date of subsidy	Date	State Subsidy Database
	[Affordability Maturity]		
	'Date'		
State_1_AssistedUnits	Total number of units covered by subsidy	Numeric	State Subsidy Database
	[assisted_units]		
	'Count'		
State_2_ID	Unique state provided subsidy ID	String	State Subsidy Database



	[Subsidy ID]		
	"ID"		
State_2_Status	Current status of State subsidy	String	Calculated by NHPD
	[Affordability Maturity]		
	"Active" – date is in future as of NHPD refresh "Inactive" - date is in past as of NHPD refresh or is missing from subsequent data updates.		
State_2_ProgramName	Name of program	String	State Subsidy Database
	[state]-[program_name]		
	"Program name"		
State_2_StartDate	Start date of subsidy	Date	State Subsidy Database
	[First PTO Date]		
	'Date'		
State_2_EndDate	Expiration date of subsidy	Date	State Subsidy Database
	[Affordability Maturity]		
	'Date'		
State_2_AssistedUnits	Total number of units covered by subsidy	Numeric	State Subsidy Database



[assisted_units]

'Count'

Data Source Citations

Multifamily Assistance and Section 8 Contracts Database

The US Department of Housing and Urban Development. (2017). Multifamily Assistance and Section 8 Contracts Database. (March 30, 2016 Version). [electronic data file and data dictionary]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/mfh/exp/mfhdiscl, April 2017.

Section 202 Direct Loans Database

The US Department of Housing and Urban Development. (2017). 202 Direct Loans Database. (March 28, 2017 Version). [electronic data file and data dictionary]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/mfh/202directloan, April 2017.

Insured Multifamily Mortgages Database

The US Department of Housing and Urban Development. (2017). Insured Multifamily Mortgages Database. (March 31, 2017 Version). [electronic data file]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/comp/rpts/mfh/mf_f47, April 2017.

Active 236 Projects Dataset

The US Department of Housing and Urban Development. (2007). Active 236 Projects. (December 19, 2007 Version). [electronic data file]. Retrieved December 2007.

Low Income Housing Tax Credits Database

The US Department of Housing and Urban Development. (2016). Low Income Housing Tax Credit Database. (May 1, 2016 Version). [electronic data file and data dictionary]. Retrieved from <u>http://www.huduser.org/portal/datasets/lihtc.html</u>, February 2017.

HOME Rental Assistance Dataset

The US Department of Housing and Urban Development. (2016). HOME Rental Assistance Dataset. (September 26, 2016 Version). [electronic data file]. Received fromhttps://egis-hud.opendata.arcgis.com/datasets/6dee4213c8db4b678f0d96afb6c53b9e_0 , January 2017.



Section 515 Rural Rental Housing Loans Dataset

The US Department of Agriculture. (2016). USDA Rural Development Multi-Family Housing Program Exit Data. (March 31, 2016 Version). [electronic data file]. Retrieved from https://catalog.data.gov/dataset/usda-rural-development-multi-family-housing. January 2017.

Rural Development Section 538 Dataset

The US Department of Agriculture. (2016). USDA Rural Development Section 538 Multifamily Guaranteed Loans. (July 1, 2016 Version). [electronic data file]. Received from Rural Housing Services, January 2017.

Public Housing Dataset

The US Department of Housing and Urban Development. (2015). (September 30, 2016 Version). [electronic data file]. Received from http://egis.hud.opendata.arcgis.com/datasets/30a24b3904aa4f6b8c65e471805c27fc 0, January 2017.

REAC Physical Inspection Scores and Release Dates (Multi-family Only)

The US Department of Housing and Urban Development. (2016). REAC Physical Inspection Scores and Release Dates. (February 20, 2017 Version). [electronic data file and data dictionary]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/mfh/rems/remsinspecscores/remsphysinspscores, April 2017.

Multifamily Assistance and Section 8 Contract Renewal Information

The US Department of Housing and Urban Development. (2017). Multifamily Assistance and Section 8 Contracts Renewals Database. March 30, 2017 Version). [electronic data file and data dictionary]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/mfh/presrv/mfhpreservation, April 2017.

Terminated Multifamily Mortgages Database

The US Department of Housing and Urban Development. (2017). Insured Multifamily Mortgages Database. (March 31, 2017 Version). [electronic data file]. Retrieved from http://portal.hud.gov/hudportal/HUD?src=/program_offices/housing/comp/rpts/mfh/mf_f47t, March 2017.

Picture of Subsidized Households Database

The US Department of Housing and Urban Development. (2016). Picture of Subsidized Households Project Level Database. (December 31, 2016 Version). <u>https://www.huduser.gov/portal/datasets/picture/about.html</u> [electronic data file]., April 2017.

State Subsidy File Florida



Shimberg Center for Housing Studies (2016). Florida Clearinghouse Database. (June 30, 2016 Version). [electronic file]. Received from Shimberg Center, June 2016.

Connecticut

Connecticut Housing Finance Authority (2015). Connecticut Housing Finance Special Extract. (June 30, 2015 Version). [electronic file]. Received from CHFA, June 2015.

Massachusetts

Community Economic Development Assistance Corporation. (2016). CEDAC Special Extract. Received from CEDAC, July 2016.

Address Verification Data

US Post Offices (2017). Postal Addresses. [api]. SmartyStreets [publisher]. US Post Office [provider]. Retrieved from http://smartystreets.com/products/liveaddress-api, July 2017,

US Post Offices (2017). Postal Addresses. [api]. Melissa Data [publisher]. US Post Office [provider]. Retrieved from http://www.melissadata.com/dm/data-services/cass-processing.htm, July 2017,



Notes and Abbreviations

Notes

- 1. General property characteristics are based on a compilation of information from all nine data sources. 'Multiple' was used in the cell when there were discrepancies between data sources. Properties with different named phases are treated as separate properties despite being located at the same address.
- 2. The property address was verified by the US Postal Service database using <u>SmartyStreets</u> or through Google maps. Address represents the primary key through which subsidies are matched to a single property. When an address for the same property is significantly different between sources, it is not correctly matched and is entered twice into the database. This fact may lead to an over count of total subsidized properties and units. See <u>Integration and Cleaning Process</u> for more information on matching addresses and removing duplicate properties.
- 3. Melissa Data was used to determine an area's County, CBSA, Congressional District, and Urban Rural Status.
- 4. The Public Housing Authority is considered the manager/owner if the property is a Public Housing property.
- 5. <u>SmartyStreets</u> is an address verification system based on US Postal Service data and Census data. This service was used to produce latitude and longitude values to provide a standard method of geo-coding across data sources. When SmartyStreets was unable to provide a latitude and longitude (due to the address being uncertified by the US Postal Service), those provided in the originating data source were used.
- 6. When Section 8 project-based contracts expire, The Office of Affordable Housing Preservation (OAHP) reviews various aspects of the property including the property's rent in comparison to the fair market rent (FMR) in the area. Renewal statuses also have varying eligibility requirements, length of renewal, and financing options.
- 7. HUD Insured (FHA) Sections with affordability restrictions included in the Database: (223(a)(7)/236(j)(1) Refi/ Lower Inc Families, 223(a)(7)/241(a)/236 Refi/[Aquity Loan; 223(a)(7)/223(d)/BMIR/236 Refi/2 yr Op Loss Loan; 223(a)(7)/236(j)(1)/202 Elderly Housing; 223(a)(7)/241(a)/236/202 Refi/Improvements & Additions; 233(c)/ 236 Experimental Hsg.; 233/ 236/ 223(e) Exp. Hsg./Declin. Area; 236(j)(1)/ 223(e)/Lower Income Families/Declin. Area; 236(j)(1)/ Lower Income Families; 236(j)(1)/ 202 Elderly Hsg.; 223(d)/ 236 Two Yr. Opr. Loss/Lower Income Families; 241(f)/ 236 Equity Loan; 241(a)/ 236 /Improvements & Additions/Lower Inc Families; 241(a)/236/202/Improvements & Additions/Lower Inc Families; 241(a)/236/202/Improvements & Additions/Eld Housing; 221(d)(3) BMIR Urban Renewal/ Coop Hsg; 221(d)(3) Mkt. Rate Moderate Inc/ Disp Fams; 221(d)(3) BMIR/ 223(e); 221(j)(2) BMIR Converted to Coop.; 223(a)(7)/241/(a)/221-BMIR Refi/Improvements & Add; 223(a)(7)/241(f)/221 BMIR Refi/Equity Loan; 223(a)(7)/221(d)(3) BMIR/Urban Renewal/Coop Hsg; 233/ 221(d)(3) BMIR Exp. Hsg.; 233/ 221(d)(3) BMIR/223(e) Exp. Hsg./ Declin. Area; 223(c) / 221(d)(3) BMIR Asset Sales; 223(d)/ 221-BMIR Two Yr. Opr. Loss; 241(f)/ 221-BMIR Equity Loan; 241(a)/221-BMIR Improvements & Additions; 542(b) QPE Risk Sharing -- FFB NC/SR; 542(b) QPE Risk Sharing -- FFB NC/SR; 542(c) HFA Risk Shg -- FFB NC/SR; 542(c) HFA Risk Sharing-Existing; 542(c) HFA Risk Shg -- FFB NC/SR; 542(c) HFA Risk Sharing-Existing; 542(c) HFA Risk Shg -- FFB NC/SR; 542(c) HFA Risk Sharing-Existing; 542(c) HFA Risk Shg -- FFB NC/SR; 542(c) HFA Risk Shg -- FFB NC/SR; 542(c) HFA Risk Sharing-Existing; 542(c) HFA Risk Sharing -- FFB Risk Shari



Abbreviations

CBSA	Core Based Statistical Area
REAC	Real Estate Assessment Center
HUD	The US Department of Housing and Urban Development
USDA	The US Department of Agriculture
S.8	Section 8
S.202	Section 202
S.236	Section 236
S.811	Section 811
LIHTC	Low Income Housing Tax Credit
FMR	Fair Market Rent
РН	Public Housing
RHS	Rural Housing Services
FHA	Federal Housing Administration
FMR	Fair Market Rent
USPS	United States Postal Service
SOA	Section of the Act