

**NYSERDA New York State Residential Building Stock Assessment:  
2018 On-Site Inspections  
Data Dictionary**

Column Data Label	Data Type	Data Description
Equipment Category	Text	The type of equipment or building shell component described in the database record
Site ID	Text	Anonymous identifier for each single-family home in the on-site data collection sample
County	Text	County in New York where the building is located [e.g., Albany – Yates]
Region	Text	New York State Economic Development Region as defined by Empire State Development: <a href="https://esd.ny.gov/regions">https://esd.ny.gov/regions</a>
Climate Zone	Numeric	IECC Climate Zone [e.g., 4-6]
Construction Type	Text	Indicates whether the home is existing or new construction. Existing construction indicates a home built prior to 2015. New construction is defined as homes built in 2015 or later.
Strata Population	Numeric	Indicates the estimated population of single-family homes within each strata, based on ACS population estimates.
Site Case Weight	Numeric	Site case weights are used in the calculation of summary statistics to allow the sample to more accurately represent the population distribution by climate zone and construction type. The weights provided are only valid when all sampled sites in the relevant strata are used to generate a reporting metric, or when the sites used to generate the metric are meant to represent the entire population within their strata.
Single family or Multifamily	Text	Identifies whether the home is single-family or multifamily.
Year Building Built	Numeric	Year that the single family building was constructed
Parent ID	Text	In some cases, records may relate to other records in the database in a parent-child relationship. The Parent ID is the unique measure identifier for the upstream record.
Measure ID	Text	Unique identifier for the given database record
Customer Type	Text	Indicates whether the participant owns or rents the home
Duration of Onsite Visit Reported	Numeric	Reported length in time of onsite visit
Duration of Onsite Visit Reported-Notes	Numeric	Notes and non-numeric values for the "Duration of Onsite Visit Reported" field

Column Data Label	Data Type	Data Description
Indoor Temperature	Numeric	Indoor temperature registered during time of onsite visit
Indoor Temperature-Notes	Numeric	Notes and non-numeric values for the "Indoor Temperature" field
Ambient Outside Temperature	Numeric	Outside temperature registered during time of onsite visit
Ambient Outside Temperature-Notes	Numeric	Notes and non-numeric values for the "Ambient Outside Temperature" field
Number of Bedrooms	Numeric	Total number of bedrooms located onsite
Number of Bedrooms-Notes	Numeric	Notes and non-numeric values for the "Number of Bedrooms" field
Number of Occupants	Numeric	Total number of occupants that reside onsite
Number of Occupants-Notes	Numeric	Notes and non-numeric values for the "Number of Occupants" field
Home Energy Rating Systems Score	Text	Home energy efficiency measured through the Home Energy Rating System score. Applies to New Construction only
General Connected Devices Thermostat	Text	Indicates that one or more thermostats be controlled through an online connection
General Connected Devices Sprinkler Control	Text	Indicates that an irrigation system can be controlled through an online connection
General Connected Devices Security	Text	Indicates there is a security system or camera that can be controlled through an online connection
General Connected Devices Safety	Text	Indicates one or more smoke or CO alarms communicate and be monitored through an online connection
General Connected Devices Outlet	Text	Indicates one or more power outlets equipped with a smart device that allows the outlet to be monitored and controlled through an online connection
General Connected Devices Lighting	Text	Indicates one or more light fixtures be controlled through an online connection
General Connected Devices Cooking	Text	Indicates one or more cooking devices be controlled through an online connection
General Connected Devices Assistant	Text	Indicates a connected speaker and assistant such as Amazon Alexa or Google Assistant in use
Health and Safety Occupant Issues	Text	A list of standard occupant issues reported during the occupancy interview
Health and Safety Smoke Detection	Text	Indicates whether smoke alarms were observed in the house
Health and Safety CO Detection	Text	Indicates whether one or more CO Detectors observed in the house
Health and Safety Ambient CO CAZ	Numeric	Ambient CO reading in the combustion appliance zone
Health and Safety Ambient CO CAZ-Notes	Numeric	Notes and non-numeric values for the "Health and Safety Ambient CO CAZ" field

Column Data Label	Data Type	Data Description
Health and Safety Ambient CO Kitchen	Numeric	Ambient CO reading in the kitchen
Health and Safety Ambient CO Kitchen-Notes	Numeric	Notes and non-numeric values for the "Health and Safety Ambient CO Kitchen" field
Health and Safety Ambient CO Main	Numeric	Ambient CO reading in the main part of the home
Health and Safety Ambient CO Main-Notes	Numeric	Notes and non-numeric values for the "Health and Safety Ambient CO Main" field
Health and Safety Ambient CO Pass or Fail	Text	Indicates whether the home passes or fails BPI CO safety criteria
Health and Safety Smell Gas	Text	Indicates whether there was a noticeable odor of combustible gas in the house
Health and Safety Backdraft	Text	Indicates whether any evidence of back drafting observed
Health and Safety Flame Rollout	Text	Indicates whether any evidence of prior flame roll-out observed
Health and Safety CAZ Safety	Text	Indicates whether any combustible materials observed near combustion appliances
Health and Safety Other Issue	Text	Any other issues reported by the occupant during the occupant interview
Health and Safety Notes	Text	A note field providing more information about any health and safety observations in the houses (positive or of concern)
Health and Safety Actions Taken	Numeric	A notes field that details any health and safety actions taken
Health and Safety Actions Taken-Notes	Numeric	Notes and non-numeric values for the "Health and Safety Actions Taken" field
Electrical Utility Data Provider Name	Text	Name of electric utility data provider
Electricity Annual Usage End Date	Numeric	End date for the most recent electric utility billing statement provided by the customer
Electricity Annual Usage End Date-Notes	Numeric	Notes and non-numeric values for the "Electricity Annual Usage End Date" field
Electricity Annual Usage (Dollars)	Numeric	Annual electrical utility usage measured in dollars
Electricity Annual Usage (Dollars)-Notes	Numeric	Notes and non-numeric values for the "Electricity Annual Usage (Dollars)" field
Electricity Annual Usage (kWh)	Numeric	Annual electrical utility usage measure in kWh
Electricity Annual Usage (kWh)-Notes	Numeric	Notes and non-numeric values for the "Electricity Annual Usage (kWh)" field
Who Pays Electrical Utility Bill?	Text	Indicates who pays the electric utility bill
Natural Gas Utility Provider Name	Text	Name of natural gas utility provider
Who Pays Natural Gas Utility Bill?	Text	Indicates who pays the natural gas utility bill

Column Data Label	Data Type	Data Description
Natural Gas Annual Usage End Date	Numeric	End date for the most recent natural gas utility billing statement provided by the customer
Natural Gas Annual Usage End Date-Notes	Numeric	Notes and non-numeric values for the "Natural Gas Annual Usage End Date" field
Natural Gas Annual Usage (Dollars)	Numeric	Annual natural gas utility usage measured in dollars
Natural Gas Annual Usage (Dollars)-Notes	Numeric	Notes and non-numeric values for the "Natural Gas Annual Usage (Dollars)" field
Natural Gas Annual Usage	Numeric	Annual natural gas utility usage recorded during onsite
Natural Gas Annual Usage-Notes	Numeric	Notes and non-numeric values for the "Natural Gas Annual Usage" field
Natural Gas Annual Usage Units	Text	Measurement unit for annual natural gas utility usage
Other Fuel 1 Provider	Text	Name of provider for other fuel type (1)
Other Fuel 1 Type	Text	Type of fuel provided by other provider (1)
Other Fuel 1 Annual Usage	Numeric	Annual usage of fuel type from provider (1)
Other Fuel 1 Annual Usage-Notes	Numeric	Notes and non-numeric values for the "Other Fuel 1 Annual Usage" field
Other Fuel 1 Annual Usage Units	Text	Type of unit for other fuel type from provider (1)
Other Fuel 1 Annual Usage End Date	Numeric	End date for the most recent other fuel type (1) utility billing statement provided by the customer
Other Fuel 1 Annual Usage End Date-Notes	Numeric	Notes and non-numeric values for the "Other Fuel 1 Annual Usage End Date" field
Who Pays Other Fuel 1 Bill	Text	Indicates who pays the other fuel type (1) utility bill
Other Fuel 2 Provider	Text	Name of provider for other fuel type (2)
Other Fuel 2 Type	Text	Type of fuel provided by other provider (2)
Other Fuel 2 Annual Usage	Numeric	Annual usage of fuel type from provider (2)
Other Fuel 2 Annual Usage-Notes	Numeric	Notes and non-numeric values for the "Other Fuel 2 Annual Usage" field
Other Fuel 2 Annual Usage Units	Text	Type of unit for other fuel type from provider (2)
Other Fuel 2 Annual Usage End Date	Numeric	End date for the most recent other fuel type (2) utility billing statement provided by the customer
Other Fuel 2 Annual Usage End Date-Notes	Numeric	Notes and non-numeric values for the "Other Fuel 2 Annual Usage End Date" field
Who Pays Other Fuel 2 Bill	Text	Indicates who pays the other fuel type (2) utility bill
Utility Data Onsite Generation	Numeric	Percent of home energy consumption provided by on-site generation
Utility Data Onsite Generation-Notes	Numeric	Notes and non-numeric values for the "Utility Data Onsite Generation" field
Utility Data General Notes	Text	A notes field providing more information about the utility consumption data collected
Building Envelope Connection Duct	Text	Quality of connection between building envelope and duct system
Building Envelope Connection Ceiling	Text	Quality of connection between building envelope and ceiling

Column Data Label	Data Type	Data Description
Building Envelope Connection Boundary wall	Text	Quality of connection between building envelope and boundary wall
Building Envelope Home Type	Text	General home type category of the home
Style of Home	Text	Architectural type or style of the home
Envelope Foundation Space Type	Text	Type of basement located onsite
Conditioned Floor Space (measured in square feet)	Numeric	Conditioned square footage of the house, using RESNET methodology
Conditioned Floor Space (measured in square-Notes	Numeric	Notes and non-numeric values for the "Conditioned Floor Space (measured in square feet)" field
Building Envelope Average Ceiling Height	Numeric	The average height of the ceiling within the building measure in feet
Building Envelope Average Ceiling Height-Notes	Numeric	Notes and non-numeric values for the "Building Envelope Average Ceiling Height" field
Number of Stories Above Grade	Numeric	Number of stories above grade
Number of Stories Above Grade-Notes	Numeric	Notes and non-numeric values for the "Number of Stories Above Grade" field
Shielding of Home	Text	Type of home shielding for the onsite building
Window Shading	Text	Indicates whether any window shading is present
Siding Condition	Text	Condition of the building siding
Siding Color	Text	Color of the building siding
Siding Material	Text	Type of material used for the siding
Roof Condition	Text	Condition of the roof
Roof Color	Text	Color of the roof
Roof Material	Text	Material roof is constructed from
Significant Structural Components	Text	Any significant structural component bypasses. Multiple components can be selected per record. If NA, inspector noted no significant structural bypass components.
Building Garage Type	Text	Type of garage located onsite
Garage Finished Interior?	Text	Indicates the presence of a finished interior in the garage
Presence of DHW Solar Equipment System	Text	Indicates whether the home has a solar DHW system
Type of DHW Solar Equipment System	Text	Indicates whether the solar DHW system is an open or closed-loop system
DHW Solar Equipment System Collector Technology	Text	Describes the DHW solar equipment system collector technology
Is the DHW Solar Equipment System in Working Order?	Text	Indicates the installed DHW solar equipment system is in working condition
Capacity of DHW Solar Equipment System	Text	Capacity of the solar DHW system; unit of measure provided as separate field
DHW Solar Equipment System Capacity Units	Text	The units in which the capacity of the Solar DHW system is provided

Column Data Label	Data Type	Data Description
DHW Notes	Text	A note field providing more information about the DHW systems in the house
Hydronic Piping System Type Served	Text	Type of hydronic system the piping serves
Hydronic Piping Insulation Level	Numeric	Thickness of insulation around the water piping, measured in inches
Hydronic Piping Insulation Level-Notes	Numeric	Notes and non-numeric values for the "Hydronic Piping Insulation Level" field
Hydronic Percent Piping in Unconditioned Space	Numeric	Percent of hydronic piping in unconditioned space. NA where no hydronic piping is present.
Hydronic Percent Piping in Unconditioned Sp-Notes	Numeric	Notes and non-numeric values for the "Hydronic Percent Piping in Unconditioned Space" field
Basement Door Position During Blower Door Test	Text	Indicates where the blower door test was performed
Building Air Leakage Measured by Blower Door Test	Numeric	Rate of air leakage from the building during the blower door test
Building Air Leakage Measured by Blower Doo-Notes	Numeric	Notes and non-numeric values for the "Building Air Leakage Measured by Blower Door Test" field
Building Air Leakage Unit of Measurement	Text	Unit of measurement for the air leakage result
Type of Blower Door Test	Text	Indicates whether the blower door test was performed by pressurizing or depressurizing the home
House Pressure During Blower Door Test	Numeric	House pressure achieved, in Pascals
House Pressure During Blower Door Test-Notes	Numeric	Notes and non-numeric values for the "House Pressure During Blower Door Test" field
Blower Door Test Completed?	Text	Indicates if the blower door test was performed and completed
Number of Fireplaces with Damper	Numeric	Number of fireplaces with a damper present during onsite visit
Number of Fireplaces with Damper-Notes	Numeric	Notes and non-numeric values for the "Number of Fireplaces with Damper" field
Number of Fireplaces without Damper	Numeric	Number of fireplaces without a damper present during onsite visit
Number of Fireplaces without Damper-Notes	Numeric	Notes and non-numeric values for the "Number of Fireplaces without Damper" field
HVAC System Type	Text	Type of HVAC system
HVAC Heating Fuel Type	Text	Type of fuel used by the heating system
Number of HVAC Systems	Numeric	Number of identical HVAC units identified during on-site visit
Number of HVAC Systems-Notes	Numeric	Notes and non-numeric values for the "Number of HVAC Systems" field
Is HVAC Heating Primary or Secondary Source?	Text	Indicates whether the HVAC system is primary or secondary. Where systems were present but inoperable or not used, this is noted.

Column Data Label	Data Type	Data Description
HVAC Heating Percentage of Conditioned Space	Numeric	The percentage of conditioned space served by the system
HVAC Heating Percentage of Conditioned Space-Notes	Numeric	Notes and non-numeric values for the "HVAC Heating Percentage of Conditioned Space" field
Location of HVAC System	Text	Type of location HVAC system is located in [e.g., Conditioned, Unconditioned]
HVAC System Manufacturer	Text	Name of HVAC system manufacturer
HVAC System Model Number	Text	Model number of the HVAC system
HVAC System Year Manufactured	Numeric	Year HVAC system was manufactured
HVAC System Year Manufactured-Notes	Numeric	Notes and non-numeric values for the "HVAC System Year Manufactured" field
HVAC System Year Known or Estimated	Text	Describes if the Year of Manufacture is estimated or known
Rated Heating Efficiency	Numeric	Rated heating efficiency of the HVAC system
Rated Heating Efficiency-Notes	Numeric	Notes and non-numeric values for the "Rated Heating Efficiency" field
Heating Efficiency Type	Text	Unit of measurement for the heating efficiency [e.g., AFUE %, HSPF, etc.]
Heating Efficiency Data Source	Text	Source the heating efficiency data was derived from
HVAC Heating Capacity (Btu/hr)	Numeric	Heating capacity of the HVAC system in Btu/hr
HVAC Heating Capacity (Btu/hr)-Notes	Numeric	Notes and non-numeric values for the "HVAC Heating Capacity (Btu/hr)" field
Is HVAC System ENERGY STAR?	Text	Indicates whether the HVAC system has an ENERGY STAR label
HVAC Heating Venting Type	Text	Describes the type of exhaust venting used by the HVAC system
HVAC Heating System Has Outdoor Reset	Text	Indicates whether there is an outdoor temperature reset for the HVAC system
HVAC Heating System Thermostatic Radiator Valves	Text	Indicates whether thermostatic radiator valves are present. Applies to steam boilers only
Electronically Commutated Motor Present	Text	Indicates whether an electronically commutated motor (ECM) is present. Applies only to ducted systems
Is There An HVAC System Filter Slot Cover?	Text	Indicates the presence of a filter slot cover, if observable. Applies only to ducted systems.
Condition of HVAC Air Filter	Text	Indicates the condition of the air filter, if observable. Applies only to ducted systems.
Visual Condition of HVAC System	Text	Condition of HVAC system based on a visual inspection
When was HVAC System Last Serviced?	Numeric	Most recent year in which HVAC system was serviced.
When was HVAC System Last Serviced?-Notes	Numeric	Notes and non-numeric values for the "When was HVAC System Last Serviced?" field
Is HVAC Cooling Primary or Secondary Source?	Text	Describes whether the HVAC System is the primary source of cooling

Column Data Label	Data Type	Data Description
HVAC Cooling Percentage of Conditioned Space	Numeric	Total percentage of conditioned space that HVAC unit serves
HVAC Cooling Percentage of Conditioned Space-Notes	Numeric	Notes and non-numeric values for the "HVAC Cooling Percentage of Conditioned Space" field
Rated Cooling Efficiency	Numeric	Rated cooling efficiency of the HVAC system
Rated Cooling Efficiency-Notes	Numeric	Notes and non-numeric values for the "Rated Cooling Efficiency" field
HVAC Cooling Efficiency Type	Text	Unit of measurement for the cooling efficiency [e.g., SEER, EER, etc.]
HVAC Cooling Efficiency Data Source	Text	Source the efficiency data for the HVAC system was derived from
HVAC Cooling Capacity (Btu/hr)	Numeric	Cooling capacity of the HVAC system in Btu/hr
HVAC Cooling Capacity (Btu/hr)-Notes	Numeric	Notes and non-numeric values for the "HVAC Cooling Capacity (Btu/hr)" field
Mini Split Indoor Units	Numeric	The number of indoor units supplied by the exterior mini-split component
Mini Split Indoor Units-Notes	Numeric	Notes and non-numeric values for the "Mini Split Indoor Units" field
Heat Pump Efficiency Data Source	Text	Source the efficiency data for the HVAC system was derived from
Number of Thermostats	Numeric	Number of a thermostats identified during on-site
Number of Thermostats-Notes	Numeric	Notes and non-numeric values for the "Number of Thermostats" field
HVAC Systems Served	Text	Indicates which HVAC systems are controlled by the thermostat
Thermostat Digital or Analog	Text	Indicates whether the thermostat is digital or analog
HVAC Controls Thermostat Type	Text	Indicates the thermostat technology type [e.g., Manual, Programmable, Smart, etc.]
Status of Thermostat at Time of Inspection	Text	Setting of thermostat when inspector visited site [e.g., Manual/Hold, Auto, etc.]
Thermostat Programming	Text	Programming status of thermostat when inspector visited site [e.g., Programmable, Non-Programmable, etc.]
Set Point Temperature for Heating Season	Numeric	Temperature heating unit is set to during heating (degrees in Fahrenheit) season
Set Point Temperature for Heating Season-Notes	Numeric	Notes and non-numeric values for the "Set Point Temperature for Heating Season" field
Heating Setback Temperature	Numeric	Temperature heating unit is set to during setback (degrees in Fahrenheit)
Heating Setback Temperature-Notes	Numeric	Notes and non-numeric values for the "Heating Setback Temperature" field
Heating Setback Hours	Numeric	Number of hours heating setback runs for
Heating Setback Hours-Notes	Numeric	Notes and non-numeric values for the "Heating Setback Hours" field



Column Data Label	Data Type	Data Description
Set Point Temperature for Cooling Season	Numeric	Temperature cooling unit is set to during cooling (degrees in Fahrenheit) season
Set Point Temperature for Cooling Season-Notes	Numeric	Notes and non-numeric values for the "Set Point Temperature for Cooling Season" field
Cooling Setback Temperature	Numeric	Temperature cooling unit is set to during setback (degrees in Fahrenheit)
Cooling Setback Temperature-Notes	Numeric	Notes and non-numeric values for the "Cooling Setback Temperature" field
Cooling Setback Hours	Numeric	Number of hours cooling setback runs for
Cooling Setback Hours-Notes	Numeric	Notes and non-numeric values for the "Cooling Setback Hours" field
Smart Thermostat Model	Text	Model of smart thermostat, if applicable
Smart Thermostat Make	Text	Manufacturer or brand of a smart thermostat, if applicable
Thermostat Connected	Text	Indicates whether the thermostat is connected to the internet
System Type Served by Ducting	Text	HVAC system served by the ducting
HVAC Duct Type	Text	HVAC duct material
HVAC Duct Insulation Type	Text	HVAC duct insulation type
Supply Duct Insulation Thickness	Numeric	Thickness of insulating material on HVAC supply ducts, measured in inches
Supply Duct Insulation Thickness-Notes	Numeric	Notes and non-numeric values for the "Supply Duct Insulation Thickness" field
Return Duct Insulation Thickness	Numeric	Thickness of insulating material on HVAC return ducts, measured in inches
Return Duct Insulation Thickness-Notes	Numeric	Notes and non-numeric values for the "Return Duct Insulation Thickness" field
Duct Leakiness Visual Condition	Text	Condition of HVAC duct system based on a visual inspection
Percentage Ducting in Unconditioned Space	Numeric	Percentage of HVAC duct system in unconditioned space
Percentage Ducting in Unconditioned Space-Notes	Numeric	Notes and non-numeric values for the "Percentage Ducting in Unconditioned Space" field
Percentage Ducting Insulated in Unconditioned Space	Numeric	Percentage of HVAC duct system in unconditioned space that is insulated
Percentage Ducting Insulated in Unconditioned-Notes	Numeric	Notes and non-numeric values for the "Percentage Ducting Insulated in Unconditioned Space" field
Observed Number of Disconnected Ducts	Numeric	Number of disconnected ducts based on visual inspection
Observed Number of Disconnected Ducts-Notes	Numeric	Notes and non-numeric values for the "Observed Number of Disconnected Ducts" field
Pressurization or Depressurization	Text	Indicates whether Duct Blaster test involved pressurization or depressurization of distribution system

Column Data Label	Data Type	Data Description
Duct Leakage To Outside (CFM25)	Text	Duct leakage to the outside at pressurization of 25 pascals. Leakage rate recorded in cubic feet per minute
Total Duct Leakage (CFM25)	Text	Total duct leakage at pressurization of 25 pascals, includes interior and exterior leakage. Leakage rate recorded in cubic feet per minute
HVAC Ventilation Count	Numeric	Number of HVAC ventilation systems
HVAC Ventilation Count-Notes	Numeric	Notes and non-numeric values for the "HVAC Ventilation Count" field
HVAC Ventilation Type	Text	Space served by HVAC system
HVAC Ventilation System Configuration	Text	Type of air flow created by HVAC ventilation system
Number of HVAC Ventilation Operating Hours Per Day	Numeric	Number of hours per day HVAC ventilation system is run
Number of HVAC Ventilation Operating Hours -Notes	Numeric	Notes and non-numeric values for the "Number of HVAC Ventilation Operating Hours Per Day" field
No. of Water Heaters	Numeric	Number of water heaters in the unit or building
No. of Water Heaters-Notes	Numeric	Notes and non-numeric values for the "No. of Water Heaters" field
DHW Type	Text	Describes the DHW system type
DHW Fuel Type	Text	Type of fuel used by DHW unit
Location of Appliance Unit	Text	Indicates whether unit is located in conditioned or unconditioned space
Storage Volume of the Unit (Gallons)	Numeric	Size of storage tank, measured in gallons
Storage Volume of the Unit (Gallons)-Notes	Numeric	Notes and non-numeric values for the "Storage Volume of the Unit (Gallons)" field
DHW Unit Manufacturer	Text	Manufacturer of DHW unit
DHW Model Number	Numeric	DHW Model Number
DHW Manufacture Year	Numeric	Year of manufacture for the DHW unit
DHW Manufacture Year-Notes	Numeric	Notes and non-numeric values for the "DHW Manufacture Year" field
DHW Age Known or Estimated	Text	Indicates whether the year of manufacture is estimated or known
Unit Energy Factor	Numeric	Energy Factor efficiency rating of DHW system
Unit Energy Factor-Notes	Numeric	Notes and non-numeric values for the "Unit Energy Factor" field
DHW Efficiency Data Source	Text	Source of efficiency data collected for DHW system
Water Temperature Setting	Numeric	Water temperature setting
Water Temperature Setting-Notes	Numeric	Notes and non-numeric values for the "Water Temperature Setting" field
DHW Unit Heat Recovery	Text	Indicates the presence of DHW unit heat recovery system
Efficiency Rating of DHW Heat Recovery	Numeric	Efficiency rating of DHW heat recovery system

Column Data Label	Data Type	Data Description
Efficiency Rating of DHW Heat Recovery-Notes	Numeric	Notes and non-numeric values for the "Efficiency Rating of DHW Heat Recovery" field
DHW Venting	Text	Describes the type of exhaust venting used by the DHW system
Presence of orphan natural draft DHW	Text	Indicates whether the DHW system draft been "orphaned" due to the replacement of atmospherically vented heating equipment with sealed combustion heating equipment
Thickness of DHW pipe insulation (inches)	Numeric	DHW pipe insulation thickness, measured in inches
Thickness of DHW pipe insulation (inches)-Notes	Numeric	Notes and non-numeric values for the "Thickness of DHW pipe insulation (inches)" field
DHW Insulation Thickness (inches)	Numeric	Thickness of additional insulation outside of water heater shell, measured in inches
DHW Insulation Thickness (inches)-Notes	Numeric	Notes and non-numeric values for the "DHW Insulation Thickness (inches)" field
Yellow Label Energy Cost	Numeric	Yellow Energy Guide Label Consumption; units provided as second column
Yellow Label Energy Cost-Notes	Numeric	Notes and non-numeric values for the "Yellow Label Energy Cost" field
Surface Type	Text	Describes the recorded surface type
Percentage of Surface Type	Numeric	Percent of total surface type this surface represents (e.g., % of total wall area this wall represents)
Percentage of Surface Type-Notes	Numeric	Notes and non-numeric values for the "Percentage of Surface Type" field
Ceiling Type	Text	Type of ceiling being described
Attic Access Weather Stripping	Text	Indicates presence of weather stripping around attic access
Attic Access Insulation Level	Text	Indicates quality of insulation found by the attic access
Attic Access (sq. ft.)	Numeric	Size, in square feet, of the attic access
Attic Access (sq. ft.)-Notes	Numeric	Notes and non-numeric values for the "Attic Access (sq. ft.)" field
Interior or Cavity Insulation Data Source	Text	Data source that the on-site inspector used to determine the interior or cavity insulation characteristics
Interior or Cavity Insulation Grade	Text	Quality of interior or cavity insulation. Classified according to RESNET standards
Interior or Cavity Insulation Thickness (Inches)	Numeric	Thickness of interior or cavity insulation, measured in inches
Interior or Cavity Insulation Thickness (In-Notes)	Numeric	Notes and non-numeric values for the "Interior or Cavity Insulation Thickness (Inches)" field
Interior or Cavity Insulation Type	Text	Type of interior or cavity insulation
Construction Detail	Text	Construction material of building envelope

Column Data Label	Data Type	Data Description
Energy Path Description	Text	The location of the surface, wall, floor, etc., in terms of heat transfer between the conditioned space and unconditioned areas and outside.
Ext or Continuous Insulation Type	Text	Type of exterior or continuous insulation
Ext or Continuous Insulation Thickness (inches)	Numeric	Thickness of exterior or continuous insulation, measured in inches
Ext or Continuous Insulation Thickness-Notes	Numeric	Notes and non-numeric values for the "Ext or Continuous Insulation Thickness (inches)" field
Ext or Continuous Insulation Grade	Text	Quality of exterior or continuous insulation. Classified according to RESNET standards
Ext or Continuous Insulation Data Source	Text	Data source that the on-site inspector used to determine the exterior or continuous insulation characteristics
Depth Below Grade	Numeric	Building depth below grade, measured in feet
Depth Below Grade-Notes	Numeric	Notes and non-numeric values for the "Depth Below Grade" field
Does the home have perimeter insulation?	Text	Indicates the presence of perimeter insulation around the building foundation
Window or Door	Text	Indicates whether the record is a window or door
Number of Windows or Doors	Numeric	Number of doors identified during on-site visit
Number of Windows or Doors-Notes	Numeric	Notes and non-numeric values for the "Number of Windows or Doors" field
Door Weather Stripping	Text	Presence and quality of door weather stripping
Door Material	Text	Indicates the material the door is made of
Window Size	Numeric	Window area, in square feet
Window Size-Notes	Numeric	Notes and non-numeric values for the "Window Size" field
Overall Window Condition	Text	Describes the overall condition of the window
Gas Filled Window	Text	Indicates whether there is any indication windows are gas-filled
Storm Windows	Text	Presence and location of storm windows
Bay Windows	Text	Indicates whether the recorded window is a bay window
Window Treatments	Text	Indicates whether window treatments were identified during on-site visit
Window Frame Type	Text	Describes the window framing material
Window Glazing	Text	Describes the window glazing
Final Window U-Value	Numeric	Window u-factor rating
Final Window U-Value-Notes	Numeric	Notes and non-numeric values for the "Final Window U-Value" field
Window U-Value Source	Text	Source for the window u-factor rating
Location of Lighting Unit	Text	Identifies the space the lighting unit was observed in on-site

Column Data Label	Data Type	Data Description
Number of Linear Fluorescent Bulbs	Numeric	Count of fluorescent lamps in the space
Number of Linear Fluorescent Bulbs-Notes	Numeric	Notes and non-numeric values for the "Number of Linear Fluorescent Bulbs" field
Number of LED Bulbs	Numeric	Count of LED bulbs in the space
Number of LED Bulbs-Notes	Numeric	Notes and non-numeric values for the "Number of LED Bulbs" field
Number of CFL Bulbs	Numeric	Count of CFL bulbs in the space
Number of CFL Bulbs-Notes	Numeric	Notes and non-numeric values for the "Number of CFL Bulbs" field
Number of Inefficient Bulbs	Numeric	Count of standard-socket incandescent and halogen bulbs in the space
Number of Inefficient Bulbs-Notes	Numeric	Notes and non-numeric values for the "Number of Inefficient Bulbs" field
Number of Lighting Controls	Numeric	The number of fixtures controlled by the recorded control type
Number of Lighting Controls-Notes	Numeric	Notes and non-numeric values for the "Number of Lighting Controls" field
Type of Lighting Controls	Text	Type of lighting controls observed
Number of Other Light Bulbs	Numeric	Count of other types of lamps, including inefficient lamps that fit in other than standard, medium-base sockets
Number of Other Light Bulbs-Notes	Numeric	Notes and non-numeric values for the "Number of Other Light Bulbs" field
Type of Other Light Bulbs	Text	Indicates the type of lamp. The term "Other" includes inefficient lamps that fit in other than standard, medium-base sockets
Appliance Category	Text	Describes the type of appliance [e.g., Clothes Washer, Refrigerator, etc.]
Number of Appliance Units	Numeric	Number of a specific type of appliance identified during on-site
Number of Appliance Units-Notes	Numeric	Notes and non-numeric values for the "Number of Appliance Units" field
Type/Style of Appliance	Text	Describes a sub-type or style of a main appliance category
Appliance Fuel	Text	Type of fuel that the specific appliance uses
Appliance Model Number	Numeric	Model number of appliance
Appliance Unit Manufacturer	Text	Name of appliance manufacturer
Appliance Manufacture Year	Numeric	Year appliance was manufactured
Appliance Manufacture Year-Notes	Numeric	Notes and non-numeric values for the "Appliance Manufacture Year" field
Age of Unit Known or Estimated	Text	Indicates whether the age of the unit is known or estimated
Appliance Energy Star Certified?	Text	Indicates whether the appliance is Energy Star certified

Column Data Label	Data Type	Data Description
Energy Guide Estimated Annual Use	Numeric	Estimated annual energy use as recorded on the Yellow Energy Guide label. Units provided in separate column
Energy Guide Estimated Annual Use-Notes	Numeric	Notes and non-numeric values for the "Energy Guide Estimated Annual Use" field
Energy Guide Units	Text	Units in which the Energy Guide value is recorded [e.g., Dollars or kWh]
Loads Per Week	Numeric	Number of clothes washer and clothes dryer Loads per typical week
Loads Per Week-Notes	Numeric	Notes and non-numeric values for the "Loads Per Week" field
Washing Machine Temperature	Text	Typical wash cycle temperature setting; applies to clothes washers only. "All of the above" means that respondents indicated they had no typical setting but rather varied it depending on load type.
Computer Monitor Type	Text	Type of computer monitor present during on-site visit
Dishwasher Usage Pattern (cycles/week)	Numeric	Frequency that dishwasher is used, measured in cycles per week
Dishwasher Usage Pattern (cycles/week)-Notes	Numeric	Notes and non-numeric values for the "Dishwasher Usage Pattern (cycles/week)" field
Dishwasher Efficiency Rating (Energy Factor)	Text	Efficiency rating of dishwasher, measured by its Energy Factor
Fan Usage	Text	Indicates whether fans are used seasonally or all year round
Size of Refrigerator or Freezer (cu ft)	Numeric	Refrigerator or freezer size, measured in cubic feet
Size of Refrigerator or Freezer (cu ft)-Notes	Numeric	Notes and non-numeric values for the "Size of Refrigerator or Freezer (cu ft)" field
Humidifier Usage	Text	Indicates whether humidifier or dehumidifier is used seasonally or all year round
Appliance Wattage	Numeric	Wattage of appliance identified
Appliance Wattage-Notes	Numeric	Notes and non-numeric values for the "Appliance Wattage" field
Other Large Appliances	Text	Other large appliances identified during onsite visit
Pool/Hot Tub Pump Speeds	Text	Pool/Hot Tub pump speed setting
Pool/Hot Tub Pump Horsepower	Numeric	Horsepower for pool and hot tub pump
Pool/Hot Tub Pump Horsepower-Notes	Numeric	Notes and non-numeric values for the "Pool/Hot Tub Pump Horsepower" field
Pool/Hot Tub High Efficiency Pump	Text	Indicates the presence of high efficiency pool or hot tub pump
Heated Pool /Hot Tub	Text	Indicates whether the pool or hot tub is heated
Pool/Hot Tub Above Ground or In Ground	Text	Indicates whether the pool or hot tub is above ground or in ground
Refrigerator With Indoor Water Dispenser	Text	Indicates whether the refrigerator has an in-door water dispenser

Column Data Label	Data Type	Data Description
Television Screen Size (inches)	Numeric	Size of television screen measured in inches (diagonally)
Television Screen Size (inches)-Notes	Numeric	Notes and non-numeric values for the "Television Screen Size (inches)" field
Number of Space Heaters	Numeric	Number of space heaters plugged into power outlets or smart strips during on-site visit
Number of Space Heaters-Notes	Numeric	Notes and non-numeric values for the "Number of Space Heaters" field
Number of Printers and Copiers	Numeric	Number of printers and copiers plugged into power outlets or smart strips during on-site visit
Number of Printers and Copiers-Notes	Numeric	Notes and non-numeric values for the "Number of Printers and Copiers" field
Number of Fax Machines	Numeric	Number of fax machines plugged into power outlets or smart strips during on-site visit
Number of Fax Machines-Notes	Numeric	Notes and non-numeric values for the "Number of Fax Machines" field
Number of Home Theater Systems	Numeric	Number of home theater systems plugged into power outlets or smart strips during on-site visit
Number of Home Theater Systems-Notes	Numeric	Notes and non-numeric values for the "Number of Home Theater Systems" field
Number of Stereo Systems	Numeric	Number of stereo systems plugged into power outlets or smart strips during on-site visit
Number of Stereo Systems-Notes	Numeric	Notes and non-numeric values for the "Number of Stereo Systems" field
Number of DVD Players	Numeric	Number of DVD Players plugged into power outlets or smart strips during on-site visit
Number of DVD Players-Notes	Numeric	Notes and non-numeric values for the "Number of DVD Players" field
Number of Gaming Consoles	Numeric	Number of gaming consoles plugged into power outlets or smart strips during on-site visit
Number of Gaming Consoles-Notes	Numeric	Notes and non-numeric values for the "Number of Gaming Consoles" field
Number of Cable Boxes	Numeric	Number of cable boxes plugged into power outlets or smart strips during on-site visit
Number of Cable Boxes-Notes	Numeric	Notes and non-numeric values for the "Number of Cable Boxes" field
Number of VCRs	Numeric	Number of VCR's plugged into power outlets or smart strips during on-site visit
Number of VCRs-Notes	Numeric	Notes and non-numeric values for the "Number of VCRs" field
Number of Tier 1 Smart Strips and Outlets	Numeric	Number of Tier 1 plug loads, smart strips and outlets
Number of Tier 1 Smart Strips and Outlets-Notes	Numeric	Notes and non-numeric values for the "Number of Tier 1 Smart Strips and Outlets" field

Column Data Label	Data Type	Data Description
Number of Tier 2 Smart Strips and Outlets	Numeric	Number of Tier 2 plug loads, smart strips and outlets
Number of Tier 2 Smart Strips and Outlets-Notes	Numeric	Notes and non-numeric values for the "Number of Tier 2 Smart Strips and Outlets" field
Description of Plug Loads	Text	Describes the recorded plug load that doesn't fit into any of the predefined categories
Number of Plug Loads	Numeric	Count of "Other" plug loads; described in Other Description
Number of Plug Loads-Notes	Numeric	Notes and non-numeric values for the "Number of Plug Loads" field